PERFORMANCE CONTRACT

This Performance Contract (this "Agreement") is made this 14th day of June, 2017 between:

PARTIES

JOHNSON CONTROLS, INC. ("JCI")
6 AERIAL WAY
SYOSSET, NY 11791

and

LINDENHURST UNION FREE SCHOOL DISTRICT ("CUSTOMER")
MCKENNA ADMININSTRATION BUILDING
350 DANIEL ST
LINDENHURST, NY 11757

RECITALS

WHEREAS, Customer desires to retain JCI to perform the work specified in Schedule 1 (Scope of Work) hereto (the "Work") relating to the installation of the improvement measures (the "Improvement Measures") described therein; and

WHEREAS, Customer is authorized and empowered under applicable Laws (as defined below) to enter into this Agreement, and has taken all necessary action under applicable Laws to enter into this Agreement; and

WHEREAS, Customer has selected JCI to perform the Work after it determined JCI's proposal was the most advantageous to Customer in accordance with all applicable procurement and other Laws.

NOW, THEREFORE, in consideration of the mutual promises set forth herein, the parties agree as follows:

AGREEMENT

1. **SCOPE OF THE AGREEMENT.** JCI shall perform the Work set forth in Schedule 1. After the Work is Substantially Complete (as defined below) and the Certificate of Substantial Completion is executed by Customer, ECG Engineering, LLC (ECG) (as defined below in paragraph 3) and JCI, JCI shall provide the assured performance guarantee (the "Assured Performance Guarantee") and the measurement and verification services (the "M&V Services") set forth in Schedule 2 (Assured Performance Guarantee). Customer shall make payments to JCI for the Work and the M&V Services in accordance with Schedule 4 (Price and Payment Terms), subject to the terms of the Agreement. JCI shall pay for all labor, materials, equipment, tools, construction equipment and machinery, transportation and other facilities and services necessary for the proper installation, execution and completion of the Work, whether temporary or permanent and whether or not incorporated or to be incorporated in the Work. JCI shall supervise and direct the Work and shall be solely responsible for all construction means, methods, techniques, sequences, and procedures and for coordinating all portions of the Work under this Agreement. Up through and including the construction phase, JCI shall ensure that the Work is free from defects and errors including but not limited to design defects and errors and does not substantially disrupt the Customer's educational environment. All equipment installed and/or capital improvement(s) integrated by JCI to the Customer's property, buildings, or facilities shall become the sole and exclusive property of the Customer upon JCI's receipt of payment for the specific equipment and/or specific capital improvement.

2. **AGREEMENT DOCUMENTS:** In addition to the terms and conditions of this Agreement, the following Schedules are incorporated into and shall be deemed an integral part of this Agreement:

Schedule 1 – Scope of Work including Appendix 1 and Appendix 2
Schedule 2 – Assured Performance Guarantee
Schedule 3 – Customer Responsibilities
Schedule 4 – Price and Payment Terms
Schedule 5 – Customer's RFP and JCI's Response to RFP

Attachment 1 – Notice to Proceed
Attachment 2 – Change Order
Attachment 3 – Certificate of Substantial Completion; Certificate of Final Completion
Attachment 4 – Lighting Line x Line

In the event of any direct conflict between or among any of the Agreement Documents, the order of precedence shall be as follows: Agreement terms and conditions; Schedule 1 including Appendix 1 and Appendix 2; Schedule 2; Schedule 3; Schedule 4; Schedule 5.

3. **ARCHITECT/ENGINEER OF RECORD.** The Customer has identified ECG Engineering, P.C. (ECG) as the certified Architect/Engineer of Record to provide architectural/engineering services in connection with the Work to be performed by JCI. The fees and total compensation for such Architectural/Engineering Services shall be $600,894 as set forth in Schedule 4 and are the sole responsibility of JCI. Both JCI and Customer agree and acknowledge that ECG owes its/his/her professional obligations and duties, including duties of care to JCI and the Customer, provided that ECG owes its ultimate loyalty to Customer. The Architect/Engineer shall remain free from any financial interest in the Agreement which conflicts with the proper completion of its/his/her responsibilities under this Agreement and which conflicts with its/his/her responsibilities and duties to the Customer. In addition, when applicable law requires that services be performed by licensed professionals, JCI shall provide those services through qualified, licensed professionals. ECG shall have the first right of refusal to all environmental, energy, tax, financial, and electrical-related attributes, rights, credits, benefits and characteristics associated with or arising out of the transactions contemplated by this Agreement. This shall include, but not be limited to, tax filings under Internal Revenue Code Section 179D. ECG will be designated the sole Section 179D beneficiary. JCI shall not be liable to either the Customer or ECG in the event that ECG fails to recover such aforementioned rights or benefits.

4. **NOTICE TO PROCEED; SUBSTANTIAL COMPLETION; M&V SERVICES.** The term of this Agreement is eighteen (18) years or the useful life of the energy facilities and equipment being provided by JCI pursuant to this Agreement, whichever is less. This Agreement shall become effective on the date of the last signature on the signature page below. The parties' obligations hereunder are contingent upon written approval of the New York State Education Department ("SED"), the requirements of the Regulations of the Commissioner of Education, Section 155.20 and the Customer securing financing as set forth within Paragraph 33 of this Agreement. After receipt of written approval from SED, and after Customer has secured financing in accordance with Paragraph 33 of this Agreement, the Customer shall issue a Notice to Proceed, a form of which is attached hereto as Attachment 1 and which is in form acceptable to SED. JCI shall commence performance of the Work within ten (10) business days of receipt of Customer's Notice to Proceed and shall achieve Substantial Completion of the Work by the Substantial Completion date set forth in the mutually agreed upon schedule, unless extended with Customer's approval. Customer and Architect/Engineer shall execute a Certificate of Substantial Completion substantially in the form attached hereto as Attachment 3 upon a determination by the Customer that the Work is substantially complete.

For purposes of this Agreement, "Substantial Completion" means that JCI has provided sufficient materials and services to permit Customer to operate the Improvement Measures and utilize the Work to obtain savings as set forth in this Agreement. After an on-site inspection of the Work and a demonstration by JCI that the Work is substantially complete, the Architect/Engineer shall certify the date that the Work has been substantially

completed by JCI for approval by Customer. The Architect/Engineer shall also provide Customer and JCI in writing a description of all "punch-list" items that remain to be completed. Substantial Completion shall not be attained if it is determined by the Architect/Engineer that JCI must correct any condition(s) which impairs the reliability or safety of the Work. Substantial Completion shall not be attained until all heating plants or heating plant modifications have been inspected and accepted by the local utility and the Customer's insurance inspector. No Improvement Measure will be considered substantially complete until it is actually capable of generating the savings it is designed to generate. In the case of control improvements, any associated operator interface must be complete and operable by the Customer before Substantial Completion is attained. The Project Benefits shall begin to be achieved at the date of Substantial Completion.

As a condition to the issuance of the Certificate of Substantial Completion, JCI must provide to the Customer a complete list of all manuals and training sessions provided by JCI to Customer which shall include a description of the manual or training provided, the date, and location where the manual or training was provided, the name of the person providing the manual or training, and the name of the person receiving the manual or training. Customer shall review the list and description provided by JCI and if Customer agrees that such manuals and training were provided as set forth herein, Customer will provide acknowledgement of receipt of manuals and training by executing the Certificate of Substantial Completion. Prior to the issuance of the Certificate of Substantial Completion, the Customer and Architect/Engineer will provide JCI a punch list of items remaining to be completed by JCI. All punch list items shall be completed within 90 days, unless otherwise agreed to by the parties in writing.

The M&V Services shall commence on the first day of the month following the month in which Customer executes a Certificate of Substantial Completion and shall continue throughout the Guarantee Term, subject to earlier termination of the Assured Performance Guarantee as described in Schedule 2 (Assured Performance Guarantee). The final completion date shall be the date when all Work is completed, including all punch list items, as evidenced by the execution of the Certificate of Final Completion by the Customer and Architect/Engineer.

5. **DELAYS AND IMPACTS.** If JCI is delayed in the commencement, performance, or completion of the Work and/or M&V Services by causes beyond its control and without its fault, including, but not limited to, inability to access property; concealed or unknown conditions encountered at the project, differing from the conditions represented by Customer in the bid documents or otherwise disclosed by Customer to JCI prior to the commencement of the Work (unless JCI should have discovered those conditions through reasonable visual inspection of the property and/or facilities and/or through a reasonable review of specifications, drawings, and/or plans regarding the Project); a Force Majeure (as defined below) condition; failure by Customer to perform its obligations under this Agreement; or failure by Customer to cooperate with JCI in the timely completion of the Work, JCI shall provide written notice to Customer of the existence, extent of, and reason for such delays and impacts. Under such circumstances, an equitable adjustment in the time for performance, price and payment terms, and the Assured Performance Guarantee shall be made, subject to the mutual written agreement of the parties.

6. **ACCESS.** Customer shall provide JCI, its subcontractors, and its agents reasonable and safe access to all facilities and properties in Customer's control that are subject to the Work and M&V Services. JCI shall not perform the Work in areas where classes or student activities are in progress while such classes or student activities are in progress, except as agreed to by both parties. Customer further agrees to assist JCI, its subcontractors, and its agents to gain access to facilities and properties that are not controlled by Customer but are necessary for JCI to complete the Work and provide the M&V Services. An equitable adjustment in the time for performance, price and payment terms, and Assured Performance Guarantee shall be made as a result of any failure to grant such access, subject to the mutual written agreement of the parties.

7. **PERMITS, TAXES, AND FEES.** Unless otherwise specified in Schedule 3 (Customer Responsibilities), JCI shall be responsible for obtaining all building permits required for it to perform the Work. Unless otherwise specified in Schedule 1 (Scope of Work), Customer shall be responsible for obtaining all other permits, licenses, approvals, permissions and certifications, including, but not limited to, all zoning and land use changes or exceptions required for the provision of the Work or the ownership and use of the Improvement Measures. JCI shall not be obligated to provide any changes to or improvement of the facilities or any portion thereof required

under any applicable building, fire, safety, sprinkler or other applicable code, standard, law, regulation, ordinance or other requirement unless the same expressly regulates the installation of the Improvement Measures. Without limiting the foregoing, JCI's obligations with respect to the Work is not intended to encompass any changes or improvements that relate to any compliance matters (whether known or unknown) that are not directly related to the installation of the Improvement Measures or which have been imposed or enforced because of the occasion or opportunity of review by any governmental authority. Customer shall be responsible for and shall pay when due all assessments, charges and sales, use, property, excise, or other taxes now or hereafter imposed by any governmental body or agency upon the provision of the Work or the M&V Services, implementation or presence of the Improvement Measures, the use of the Improvement Measures or payments due to JCI under this Agreement, other than taxes upon the net income of JCI. Customer shall also be responsible for real or personal property taxes relating to equipment or material included in the Improvement Measures. Any fees, taxes, or other lawful charges paid by JCI on account of Customer shall become immediately due from Customer to JCI.

8. **WARRANTY.** JCI will perform the Work in a professional, workman-like manner. JCI shall ensure that the Work is free from defects, errors, and/or omissions, including, but not limited to, design defects, errors and/or omissions, and fulfills its essential function to provide the energy savings described hereunder while not substantially disrupting the Customer's educational environment. JCI will promptly re-perform any non-conforming or defective Work for no charge, as long as Customer provides written notice to JCI within two (2) years following Substantial Completion or such other period identified in Schedule 1, provided that any warranty work shall extend the warranty starting from the date that the warranty work is Substantially Complete, as determined by the Architect and approved by Customer. If JCI installs or furnishes goods or equipment under this Agreement, and such goods or equipment are covered by an end-user warranty from their manufacturer, JCI will transfer the benefits of such warranty to Customer, provided that such transfer shall not relieve JCI of its obligations hereunder. The foregoing remedy with respect to the Work, together with any remedy provided by goods or equipment manufacturers, shall be Customer's sole and exclusive remedies for warranty claims, provided that in the event JCI fails to re-perform any non-conforming work, the Customer reserves the right to bring a claim for breach of warranties, in which case the Customer shall be entitled to attorneys' fees and expert fees in the event it is determined that JCI breached the warranty. Customer agrees that the two (2) year period following Substantial Completion, or such other period identified in Schedule 1, shall be a reasonable time for purposes of submitting valid warranty claims with respect to the Work. NO OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE PROVIDED BY JCI. This warranty does not extend to any Work that has been abused, altered, or misused, or repaired by Customer or third parties without the supervision or prior written approval of JCI. Except with respect to goods or equipment manufactured by JCI and furnished to Customer hereunder, for which JCI shall provide its express written manufacturer's warranty, JCI shall not be considered a merchant or vendor of goods or equipment, provided that JCI's warranty shall cover the defects and error related to performance of the Work, including, but not limited to, the installation of goods and equipment.

9. **CLEANUP.** JCI shall keep the premises and the surrounding area free from accumulation of waste materials or rubbish caused by the Work and, upon completion of the Work, JCI shall remove all waste materials, rubbish, tools, construction equipment, machinery, and surplus materials and restore the premises to its condition as of the commencement of the Work.

10. **SAFETY; COMPLIANCE WITH LAWS.** JCI shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the performance of the Work and M&V Services. Each of JCI and Customer shall comply with all applicable laws, ordinances, rules, regulations, and lawful orders of public authorities (collectively, "Laws") in connection with its performance hereunder. JCI shall comply with any applicable licensing requirements in the jurisdiction where the Project is located. JCI shall perform the Work in compliance with applicable laws, statutes, ordinances, codes, rules and regulations, or lawful orders of public authorities. If the JCI performs Work contrary to applicable laws, statutes, ordinances, codes, rules and regulations, and lawful orders of public authorities, JCI shall correct such Work and shall bear the costs attributable to correction.

11. **ASBESTOS-CONTAINING MATERIALS AND OTHER HAZARDOUS MATERIALS.**

Asbestos-Containing Materials: Neither party is licensed to undertake direct obligations relating to the identification, abatement, cleanup, control, removal or disposal of asbestos-containing materials ("ACM"). Consistent with applicable Laws, Customer shall supply JCI with any information in its possession relating to the presence of ACM in areas where JCI undertakes any Work or M&V Services that may result in the disturbance of ACM. It is JCI's policy to seek certification for facilities constructed prior to 1982 that no ACM is present, and Customer shall provide such certification for buildings it owns, or aid JCI in obtaining such certification from facility owners in the case of buildings that Customer does not own, if JCI will undertake Work or M&V Services in the facility that could disturb ACM. JCI shall be responsible at its sole expense for addressing the presence of ACM that is related to or as a result of JCI's Work being performed pursuant to this Agreement and that M & V Services are in conformance with all applicable Laws and addressing the impact of its disturbance before JCI continues with its Work or M & V Services. Customer shall resume its responsibilities for the ACM after JCI's remediation has been completed.

Other Hazardous Materials: JCI shall be responsible for removing or disposing of any Hazardous Materials (as defined below) that it uses in providing Work or M&V Services ("JCI Hazardous Materials") and for the remediation of any areas impacted by the release of JCI Hazardous Materials. For other Hazardous Materials that may be otherwise present at Customer's facilities ("Non-JCI Hazardous Materials"), Customer shall, to the best of its ability, supply JCI with any information in its possession relating to the presence of such materials if their presence may affect JCI's performance of the Work or M&V Services. Except for that Non-JCI Hazardous materials expressly set forth in Schedule 1, if either Customer or JCI becomes aware of or suspects the presence of Non-JCI Hazardous Materials that may interfere with JCI's Work or M&V Services, it shall promptly stop the Work or M&V Services in the affected area and notify the other. As between Customer and JCI, with respect to the Non-JCI Hazardous Materials, JCI shall be responsible at its sole expense for removing and disposing of Non-JCI Hazardous Materials from Customer's facilities and the remediation of any areas impacted by the release of Non-JCI Hazardous Materials. For purposes of this Agreement, "Hazardous Materials" means any material or substance that, whether by its nature or use, is now or hereafter defined or regulated as a hazardous waste, hazardous substance, pollutant or contaminant under applicable Law relating to or addressing public or employee health and safety and protection of the environment, or which is toxic, explosive, corrosive, flammable, radioactive, carcinogenic, mutagenic or otherwise hazardous or which is or contains petroleum, gasoline, diesel, fuel, another petroleum hydrocarbon product, or polychlorinated biphenyls.

Environmental Indemnity: To the fullest extent permitted by Law, Customer shall indemnify and hold harmless JCI and JCI's subcontractors, and their respective directors, officers, employees, agents, representatives, shareholders, affiliates, and assigns and successors, from and against any and all losses, costs, damages, expenses (including reasonable legal fees and defense costs), claims, causes of action or liability, directly or indirectly, relating to or arising from the Customer's use, or the storage, release, discharge, handling or presence of ACM, or Non-JCI Hazardous Materials on, under or about the facilities, or Customer's failure to comply with this Section 11. This environmental indemnity shall not apply to any claims, causes of action, and/or suits to the extent they arise out of JCI's handling, removing and/or disposing of ACM or any Hazardous Materials pursuant to this Agreement.

12. **CHANGE ORDERS.** The parties, without invalidating this Agreement, may request changes in the Work to be performed under this Agreement, consisting of additions, deletions, or other revisions to the Work ("Change Orders"). The price and payment terms, time for performance and, if necessary, the Assured Performance Guarantee, may be equitably adjusted in accordance with the Change Order. Such adjustments shall be determined by mutual written agreement of the parties. JCI may reasonably delay performance relating to the Work subject to the Change Order until adjustments arising out of the Change Order are clarified and agreed upon, if the Customer requests such Change Order. Any Change Order must be signed by an authorized representative of each party and the Architect/Engineer and acceptable to SED.

13. **CUSTOMER FINANCING; TREATMENT; TAXES.** The parties acknowledge and agree that JCI is not making any representation or warranty to Customer with respect to matters not expressly addressed in this Agreement, including, but not limited to:

(a) Customer's ability to obtain or make payments on any financing associated with paying for the Improvement Measures, related services, or otherwise;
(b) Customer's proper legal, tax, accounting, or credit rating agency treatment relating to this Agreement; and
(c) the necessity of Customer to raise taxes or seek additional funding for any purpose.

Customer is solely responsible for its obligations and determinations with respect to the foregoing matters. In addition, the parties acknowledge and agree that Customer shall be responsible to comply, at its cost and expense, with all Laws that may be applicable to it relating to performance contracting, including, without limitation, any requirements relating to the procurement of goods and/or services and any legal, accounting, or architectural/engineering opinions or reviews required or obtained in connection with this Agreement.

14. INSURANCE AND BONDS. JCI shall maintain insurance in amounts no less than those set forth below in full force and effect at all times until the Work has been completed, and shall provide a certificate evidencing such coverage upon the parties' execution of this Agreement:

COVERAGES	LIMITS OF LIABILITY
Workmen's Compensation Insurance or self insurance, Including Employer's Liability.	Statutory
Commercial General Liability Insurance, including but not limited to Premises and Operations Independent Contractors, Products and Completed Operation GCL Broad Form Endorsement, Personal Injury, Contractual Liability with an endorsement to the effect that aggregate limits, if any, shall apply to each location at which the contractor performs work. Policy must include NYS Labor Law 240/241 coverage.	$5,000,000 Per Occurrence for bodily injury and property damage liability, with at least $5,000,000 Aggregate
Comprehensive Automobile Liability Insurance	$5,000,000 Combined Single Limit for bodily injury and property damage liability, personal injury protection.
Umbrella Liability	$10,000,000.00 per occurrence/ aggregate.

The above limits may be obtained through primary and excess policies and may be subject to self-insured retentions.

Customer shall be added as an additional insured to General Liability and Auto Liability policies.

Customer shall be responsible for obtaining builder's risk insurance coverage for the Improvement Measures and shall at all times be responsible for any loss or casualty to the Improvement Measures. Customer shall also maintain insurance coverage, of the types and in the amounts customary for the conduct of its business, throughout the term of this Agreement.

Insurance coverage shall be provided by an insurance company licensed as an "admitted carrier" by the New York State Insurance Department. Carrier must have an A.M. Best's rating of no less than "A".

Insurance coverage shall be evidenced by a CERTIFICATE OF INSURANCE in a form acceptable to the Customer. Insurance coverage shall be written as primary coverage, not contributing with and not in excess of insurance coverage which the Customer may carry.

Thirty (30) days' notice of cancellation, non-renewal or reduction of coverage is required. The insuring company shall not be released from liability or obligation for its failure to notify the Customer.

Payment and Performance Bond. JCI shall, prior to commencement of construction, deliver to the Customer Performance and Payment Bonds in a sum equal to the Contract Price guaranteed by a Surety licensed in the State of New York and satisfactory to the Customer conditioned upon the faithful performance by JCI. Such bonds shall be in such form and otherwise contain such provisions which are reasonably satisfactory to the Customer.

The Performance Bonds shall specify that the Surety agrees that it consents to and waives notice of any addition, alteration, omission, change, or other modification of the Agreement.

15. **INDEMNIFICATION.** To the fullest extent permitted by applicable Law, each party shall indemnify the other with respect to any third party claim alleging bodily injury, including death, or property damage to the extent such claim, damages, liabilities and expenses, loss, injury or damage is caused by the negligence or willful misconduct of the indemnifying party. JCI shall also indemnify and hold harmless Customer, its Board of Education, employees, agents, and/or assigns against all loss, damages, liabilities, and expenses, including reasonable attorneys' fees, arising out of or related to any claims of patent infringement and any claims of construction or materialman's lien made by any subcontractor or materialman.

To the fullest extent permitted by law, JCI shall indemnify and hold harmless the Customer, its employees, agents, officers, directors, Board members and/or assigns from and against any and all claims, suits, actions, fines, charges, penalties, costs, damages, losses, liabilities and expenses, including reasonable attorneys' fees and expert fees, arising out of or related to the performance of the Work and/or this Agreement to the extent such claims, suits, actions, fines, charges, penalties, costs, damages, losses, liabilities and expenses are caused by the negligence or intentional misconduct of JCI's employees, contractors, consultants, agents, officers, subcontractors and/or assigns.

JCI shall be responsible to Customer for acts and/or omissions of the JCI's employees, Architect, Consultants, Contractors, and their agents and employees, and other persons or entities performing portions of the Work including reasonable attorneys' fees and expert fees reasonably caused by such acts and/or omissions.

JCI's indemnification obligation hereunder shall not be limited by a limitation on amount or type of damages, compensation, or benefits payable by or for JCI, Architect, a Consultant, a Contractor, or anyone directly or indirectly employed by them, under workers' compensation acts, disability benefit acts, other employee benefit acts or the limitations of damages clause hereunder.

16. **TERMINATION.** Subject to the other terms and conditions of the Agreement Documents, including without limitation, Schedule 2 attached hereto, Customer may terminate this Agreement upon thirty (30) days' prior written notice to JCI, and except for as provided for herein, JCI shall be entitled to recover from Customer payment for work properly performed and authorized by Customer pursuant to this Agreement upon such termination.

17. **LIMITATION OF LIABILITY.** NEITHER JCI NOR CUSTOMER WILL BE RESPONSIBLE TO THE OTHER FOR ANY SPECIAL, INDIRECT, CONSEQUENTIAL, REMOTE, PUNITIVE, EXEMPLARY, LOSS OF PROFITS OR REVENUE, OR SIMILAR DAMAGES, REGARDLESS OF HOW CHARACTERIZED AND REGARDLESS OF A PARTY HAVING BEEN ADVISED OF THE POSSIBILITY OF SUCH POTENTIAL LOSSES OR RELIEF, ARISING IN ANY MANNER FROM THIS AGREEMENT, THE WORK, THE IMPROVEMENT MEASURES, THE PREMISES, THE M&V SERVICES, OR OTHERWISE EXCEPT AS PROVIDED IN PARAGRAPH 15. WITHOUT LIMITING JCI'S EXPRESS

OBLIGATIONS UNDER THE ASSURED PERFORMANCE GUARANTEE, JCI'S LIABILITY FOR DIRECT DAMAGES UNDER THIS AGREEMENT, REGARDLESS OF THE FORM OF ACTION, SHALL NOT EXCEED TWENTY MILLION ($20,000,000) DOLLARS, PROVIDED, HOWEVER, THAT THIS LIMITATION ON LIABILITY FOR DIRECT DAMAGES SHALL NOT APPLY TO DAMAGES CAUSED BY JCI'S NEGLIGENCE, RECKLESSNESS OR INTENTIONAL MISCONDUCT, DAMAGES, LOSSES, EXPENSES COVERED UNDER THE INDEMNITY AND HOLD HARMLESS AT PARAGRAPH 15 AND PROCEEDS FROM INSURANCE COVERAGE AT PARAGRAPH 14. If this Agreement covers fire safety or security equipment, Customer understands that JCI is not an insurer regarding those services, and that JCI shall not be responsible for any damage or loss that may result from fire safety or security equipment that fails to prevent a casualty loss. The foregoing waivers and limitations are fundamental elements of the basis for this Agreement between JCI and Customer, and each party acknowledges that JCI would not be able to provide the work and services contemplated by this Agreement on an economic basis in the absence of such waivers and limitations, and would not have entered into this Agreement without such waivers and limitations. Notwithstanding anything to the contrary, the limitation of liability herein shall not be construed as a limitation on the Customer's right to contract damages from JCI, including, but not limited to, the Customer's right to recover under the Assured Performance Guarantee, damages arising from the loss of use of the property, the right to prosecute the Work by its own forces and recover said amount from JCI, substitute performance, and reasonable attorneys' fees and reasonable experts' fees.

18. **FORCE MAJEURE.** Neither party will be responsible to the other for damages, loss, injury, or delay caused by conditions that are beyond the reasonable control, and without the intentional misconduct or negligence of that party. Such conditions (each, a "Force Majeure") include, but are not limited to: acts of God; acts of government agencies; strikes; labor disputes; fires; explosions or other casualties; thefts; vandalism; riots or war; acts of terrorism; electrical power outages; interruptions or degradations in telecommunications, computer, or electronic communications systems; changes in Laws; or unavailability of parts, materials or supplies.

19. **JCI'S PROPERTY.** All materials furnished or used by JCI personnel and/or JCI subcontractors or agents at the installation site, including documentation, schematics, test equipment, software and associated media remain the exclusive property of JCI and/or JCI's subcontractor(s) and/or agent(s) or third parties, as applicable. Customer agrees not to use such materials for any purpose at any time without the express authorization of JCI. Customer agrees to allow JCI personnel and/or JCI subcontractors or agents to retrieve and to remove all such materials remaining after installation or maintenance operations have been completed. Notwithstanding the above, all software furnished or installed as part of the Work and which is needed to operate the systems installed as part of the Work or any part thereof shall remain in place and shall not be removed from the site except upon the mutual written agreement of the parties. Notwithstanding the above, Customer shall have access to all software furnished or installed as part of the Work and which is needed to operate the systems installed as part of the Work. All data generated as a result of the M & V services shall be the property of the Customer. Customer acknowledges that any software furnished in connection with the Work and/or M&V Services is proprietary and subject to the provisions of any software license agreement associated with such software.

20. **DISPUTES.**JCI and Customer will attempt to settle any controversy, dispute, difference, or claim between them concerning the performance, enforcement, or interpretation of this Agreement (collectively, "Dispute") through direct discussion in good faith.

21. **GOVERNING LAW.** This Agreement and the construction and enforceability thereof shall be interpreted in accordance with the laws of the state of New York.

22. **MODIFICATIONS.** Additions, deletions, and modifications to this Agreement may be made upon the mutual agreement of the parties in writing. The parties contemplate that such modifications may include, but are not limited to, the installation of additional improvement measures, energy conservation measures, facility improvement measures, and operational efficiency improvements or furnishing of additional services within the identified facilities, as well as other facilities owned or operated by the Customer. These modifications may take the form of additional phases of work or modifications to the original scope of Work or Services.

23. **CONSENTS; APPROVALS; COOPERATION**. JCI shall designate in writing a representative who is authorized to act on JCI's behalf with respect to the Project. Whenever Customer's consent, approval, satisfaction or determination shall be required or permitted under this Agreement, and this Agreement does not expressly state that Customer may act in its sole discretion, such consent, approval, satisfaction or determination shall not be unreasonably withheld, qualified, conditioned or delayed, whether or not such a "reasonableness" standard is expressly stated in this Agreement. Whenever JCI's consent shall be required or permitted under this Agreement, and this Agreement does not expressly state that JCI may act in its sole discretion, such consent shall not be unreasonably withheld, qualified, conditioned or delayed, whether or not such a "reasonableness" standard is expressly stated in this Agreement. Whenever Customer's cooperation is required by JCI in order to carry out JCI's obligations hereunder, Customer agrees that it shall act in good faith and reasonably in so cooperating with JCI and/or JCI's designated representatives or assignees or subcontractors. Customer shall furnish decisions, information, and approvals required by this Agreement in a timely manner so as not to delay the performance of the Work or M&V Services. Whenever JCI's cooperation is required by Customer in order to carry out Customer's obligations hereunder, JCI agrees that it shall act in good faith and reasonably in so cooperating with Customer and/or Customer's designated representatives or assigns.

    With respect to the Work, JCI shall not utilize personnel, or contract with Contractors or suppliers to whom Customer has made timely objections. JCI shall not be required to contract with anyone to whom Customer has made timely objections. JCI, as soon as practicable, shall furnish in writing to Customer the names of persons or entities (including those who are to furnish materials or equipment fabricated to a special design) proposed for each principal portion of the Work. Customer may reply within ten (10) business days to JCI in writing stating: (1) whether Customer has an objection to any such proposed person or entity; or (2) that Customer requires additional time for review. Failure of Customer to reply within the ten (10) business day period shall constitute notice of no objection.

    With respect to the Work, if JCI changes any of the personnel, Contractors or suppliers, JCI shall notify Customer and provide the name and qualifications of the new personnel, Contractor or supplier. Customer may reply within ten (10) business days to JCI in writing, stating: (1) whether Customer has an objection to the proposed personnel, Contractor or supplier; or (2) that Customer requires additional time to review. Failure of Customer to reply within the ten (10) day period shall constitute notice of no objection.

    If Customer has an objection to a person or entity proposed by JCI, JCI shall propose another to whom Customer has no objection.

24. **FURTHER ASSURANCES.** The parties shall execute and deliver all documents and perform all further acts that may be reasonably necessary to effectuate the provisions of this Agreement.

25. **INDEPENDENT CONTRACTOR.** The relationship of the parties hereunder shall be that of independent contractors. Nothing in this Agreement shall be deemed to create a partnership, joint venture, fiduciary, or similar relationship between the parties.

26. **POWER AND AUTHORITY.** Each party represents and warrants to the other that (i) it has all requisite power and authority to execute and deliver this Agreement and perform its obligations hereunder, (ii) all corporate, board, body politic, or other approvals necessary for its execution, delivery, and performance of this Agreement have been or will be obtained, and (iii) this Agreement constitutes its legal, valid, and binding obligation.

27. **SEVERABILITY.** In the event that any clause, provision, or portion of this Agreement or any part thereof shall be declared invalid, void, or unenforceable by any court having jurisdiction, such invalidity shall not affect the validity or enforceability of the remaining portions of this Agreement unless the result would be manifestly inequitable or materially impair the benefits intended to inure to either party under this Agreement.

28. **COMPLETE AGREEMENT.** It is understood and agreed that this Agreement contains the entire agreement between the parties relating to all issues involving the subject matter of this Agreement. No binding understandings, statements, promises or inducements contrary to this Agreement exist. This Agreement supersedes and cancels all previous agreements, negotiations, communications, commitments and understandings

with respect to the subject matter hereof, whether made orally or in writing. Each of the parties to this Agreement expressly warrants and represents to the other that no promise or agreement which is not herein expressed has been made to the other, and that neither party is relying upon any statement or representation of the other that is not expressly set forth in this Agreement. Each party hereto is relying exclusively on the terms of this Agreement, its own judgment, and the advice of its own legal counsel and/or other advisors in entering into this Agreement. Customer acknowledges and agrees that any purchase order issued by Customer associated with this Agreement is intended only to establish payment authority for Customer's internal accounting purposes. No purchase order shall be considered a counteroffer, amendment, modification, or other revision to the terms of this Agreement.

29. **HEADINGS.** The captions and titles in this Agreement are for convenience only and shall not affect the interpretation or meaning of this Agreement.

30. **COUNTERPARTS.** This Agreement may be executed in any number of counterparts, all of which when taken together shall constitute one single agreement between the parties.

31. **NOTICES.** All notices or communications related to this Agreement shall be in writing and shall be deemed served if and when sent by facsimile or mailed by certified or registered mail: to Johnson Controls, Inc. at the address listed on the first page of this Agreement, ATTN: Regional Solutions Manager, with a copy to Johnson Controls, Inc., ATTN: General Counsel – Building Technologies & Solutions, 507 East Michigan Street, Milwaukee, Wisconsin, 53202: and to Customer at the address listed on the first page of this Agreement.

32. Pursuant to NYS Energy Law 109-3, this Agreement shall be deemed executory only to the extent of the monies appropriated and available for the purpose of the Agreement, and no liability on account therefore shall be incurred beyond the amount of such monies. It is understood that neither this Agreement nor any representation by any public employee or officer creates any legal or moral obligation to request, appropriate or make available monies for the purpose of the Agreement.

33. According to the Regulations of the Commissioner of Education, Section 155.20(d), this Agreement shall not be executory until approval of the Commissioner is obtained in writing. The Customer's obligations within this Agreement are contingent upon and subject to prior review and written approval of SED, pursuant to the laws and regulations of the State of New York and are also contingent upon and subject to the Customer's securing of financing, terms and conditions of financing and other means of payment acceptable to Customer in its sole discretion. In the event approval of said financing or other means of payment has not been secured by the Customer within 180 days after SED approval, then this Agreement shall terminate with no further obligation of Customer to JCI or any other party. This Agreement may be extended beyond 180 days if such extension is in writing signed by both parties.

34. It is understood and agreed that, except as otherwise provided in this Agreement, the Customer shall not be responsible for any costs incurred by JCI, including, but not limited to, costs associated with the audit and/or costs associated with the Architect/Engineer of record and/or costs incurred by JCI in attempting to obtain SED approval, should SED not approve this Agreement.

35. Neither party shall assign, transfer or otherwise dispose of this Agreement or its rights, title or interests as set forth herein or its power to execute this Agreement to any other person, entity or corporation without the prior written permission of the other party. Nothing within this provision shall be construed to limit, restrict and/or preclude the subrogation rights of any insurer(s) of either the Customer or JCI.

36. This Agreement is subject to prevailing wage requirements. All workers will be paid according to the prevailing wage rates set forth by the New York Department of Labor.

LINDENHURST UNION FREE SCHOOL DISTRICT

Signature: Donna Hochma

Printed Name: Donna Hochma

Title: Bd President

Date: 6/20/17

JOHNSON CONTROLS, INC.

Signature: James B. Cotton

Printed Name: James B. Cotton

Title: Regional GM

Date: 6/19/17

SCOPE OF WORK SCHEDULE

1. **SUMMARY OF WORK:** The following summarizes the Work to be provided by JCI under this Agreement, as further defined below:

ECM #	PROPOSED MEASURES	Lindenhurst High School	Lindenhurst Middle School	Albany Avenue Elementary School	Allegheny Avenue Elementary School	Bower Elementary School	Daniel Elementary School	Harding Avenue Elementary School	Kellum Street School	William Rall Elementary School	West Gates Elementary School	Margaret A. McKenna Administration Building
ECM 1	Lighting - Fixture Retrofit	x	x	x	x		x	x	x	x	x	x
ECM 2	Lighting - Fixture Control	x	x	x	x		x		x	x	x	x
ECM 3	Lighting - Exterior Lighting	x	x	x	x	x	x	x	x	x	x	x
ECM 4.1	Energy Management System - Temperature Setback	x	x	x	x		x	x	x	x	x	x
ECM 4.2	Energy Management System - Demand Controlled Ventilation	x	x									
ECM 4.3	Energy Management System - Optimal Start	x	x	x	x		x	x	x	x	x	x
ECM 5	Heating Distribution System - Pipe and Valve Insulation	x	x	x	x		x	x	x	x	x	x
ECM 6	Boiler/DHW Heater/Furnace - Burner Controllers	x	x	x	x		x	x	x	x	x	x
ECM 7	Building Envelope Improvements - Roof Replacements						x					
ECM 8	Air Handling Unit Upgrade - VFD on Fans		x									
ECM 9	Computers - Power Management	x	x	x	x		x	x	x	x	x	x
ECM 10	Vending Machine Controllers	x	x		x			x	x	x		x
ECM 11	Renewable Energy- Photovoltaic Electric Generation	x	x				x	x				
ECM 12	Plug Load Controllers	x	x	x	x		x	x	x	x	x	x
ECM 13	Unit Ventilators - Refurbishment / Replacement	x										
ECM 14	Air Conditioning Compressor Controllers	x	x						x			x
ECM 15	Refrigeration Compressor Controllers	x	x		x		x					

Construction Management

Construction Management Services

1. JCI will prepare and maintain an overall Project Management Plan and Construction Schedule. Updates will be provided to the district on an on-going basis.

2. Maintain a staff to administer the contract terms and conditions with project subcontractors.

3. Provide coordination and supervision of the work of separate ECMs ensuring enforcement of contract provisions, compliance with energy initiatives, and timely completion of the project.

4. Establish and maintain coordination procedures, e.g. project meetings, documentation process.

5. Coordinate site accessibility for Customer and contractors for continuous operation of school services and activities.

6. Perform inspection work necessary to assure the conformity to the plans and specifications until final completion and acceptance of the project by Customer.

7. Coordinate post-completion activities including the assembly of guarantee, manuals, as-built drawings of trade and subcontractors, and Customer's final acceptance. Coordinate training of Customer's personnel by installers and vendors for the operations of the project.

8. JCI shall subcontract with a District-approved Architectural/engineering firm ECG to prepare and submit necessary design work to the New York State Education Department for approval. Appendix 1, Scope of Architectural Services and Appendix 2, Scope of Construction Services delineates the terms and conditions of the Architect and construction services to be provided. JCI represents and the Architect shall represent that each is aware of and bound by the terms and conditions of the services as provided by Appendix 1 and Appendix 2, made part hereof and integrated herein.

9. JCI and its subcontractors will be required to wear photo identification at all times while on School District property.

10. Construction phase services will be performed according to the terms and conditions of Appendix 1, Scope of Architectural Services and Appendix 2, Scope of Construction Services.

11. LINDENHURST UNION FREE SCHOOL DISTRICT will provide JCI with at least an eight (8) hour day to perform all construction activities at no cost to JCI.

ECM 1, 2 – FIXTURE RETROFIT & FIXTURE CONTROL

Johnson Controls shall upgrade specified interior lighting fixtures with integrated occupancy controls as well as re-lamping the existing fluorescent lighting with LED tubes at the following schools: Lindenhurst High School, Lindenhurst Middle School, Albany Avenue Elementary School, Alleghany Avenue Elementary School, Daniel Street Elementary School, Harding Avenue Elementary School, Kellum Street School, William Rall Elementary School, West Gates Avenue Elementary School and Margaret A. McKenna Administration. Work shall be done in areas listed in the lighting line x line (attachment 4).

ECM 3 – EXTERIOR LIGHTING

Johnson Controls shall retrofit specified exterior fixtures with new LED fixtures as per the line by line (attachment 4) at the following schools: Lindenhurst High School, Lindenhurst Middle School, Albany Avenue Elementary School, Alleghany Avenue Elementary School, Daniel Street Elementary School, Harding Avenue Elementary School, Kellum Street School, William Rall Elementary School, West Gates Avenue Elementary School, Margaret A. McKenna Administration and E.W Bower Elementary School.

Exclusions: Existing poles shall be used therefore repair of wiring to poles or within poles is not included.

ECM 4- ENERGY MANAGEMENT SYSTEM

Johnson Controls shall upgrade the Energy Management system in the district as outlined below:

Supervisory Controllers (ECM 4.1)

- Remove Andover/Siemens (Alleghany, Harding, Kellum, Rall, West Gates) energy management systems and provide new web-enabled (JCI FX-70 Metasys) platform network supervisory controller for each building noted. New and existing points scheduled for migration shall be incorporated in the new supervisory network. Incorporate the functionality of existing systems and additional sequences as required by owner or engineer. Provide all alarming and trending as specified.
- Network supervisory controllers shall be integrated into temperature control network running on remote server at owner-specified location.
- Owner IT department to provide addresses and permissions for integration to site LAN.

Boiler Room Automatic Temperature Control (ECM 4.1)

- Provide new boiler room controllers, panels (Alleghany, Harding, Kellum, Rall, West Gates) and field devices as required to incorporate into the new building automation network all equipment planned for installation under this proposed Energy Performance Contract an existing equipment scheduled to remain in service currently connected to the automation network. Please see the attached detailed equipment schedule for a building by building scope. Boiler room work shall include warm-up/cool-down, trending, and alarms as required by the Energy Performance contract
- Install new combustion air dampers in impacted boiler rooms that interlock with boiler and domestic hot water heater operation.
    - Heating/Cooling Pumps: Start-Stop/Status/Fault/Alarm
    - Boilers: Start-Stop/Status/Fault/Alarm
    - Heat Exchangers: Temperature control with unoccupied set back, OA Reset
    - Hot Water Mixing Valves: Temperature control with unoccupied set back, OA Reset
    - Occupancy: Day/Night control for new and existing occupancy zones
    - Zone Valves: Open/close based on occupancy and demand

Air Handling Unit DDC Retrofit (ECM 4.1)

- Convert/migrate existing air-handling units to DDC Control including replacement of existing pneumatic end devices with electronic type [note that converted units will be fully electronic and will no longer require a compressed air supply] and/or upgrade DDC controls already installed.
- This includes the following points and sequences:
  - Economizer control, including outdoor air enthalpy change-over on cooling equipment
  - Mixed air/low-limit control
  - Heating (discharge or room control as required)
  - Cooling (discharge or room control as required)
  - Discharge control
  - Freeze protection
  - Local or remote set point control
  - Warm-up/Cool-down

Building	# of H&V Units/AHUs/RTUs
High School	12
Middle School	9
Albany Avenue	1
Kellum Street	1
William Rall Elementary School	2
Margaret A. McKenna Admin.	4

Building	Location	Area Served	Equipment	Name
High School	Fan Room	Auditorium	Air Handling Unit	AHU-2
High School	Fan Room	Auditorium	Air Handling Unit	AHU-3
High School	Fan Room	Guidance	Air Handling Unit	AHU-4
High School	Pool Fan Room	Pool Area	Air Handling Unit	AHU
High School	Gym Fan Room	Gym	H&V Unit	HV-6
High School	Gym Fan Room	Gym	H&V Unit	HV-5
High School	Roof	Kitchen	Make Up Air Unit	Make Up Air Unit
High School	Courtyard	Assistant Principal's Office	Packaged Unit	Packaged Unit
High School	Courtyard	Coordinator's Office	Packaged Unit	Packaged Unit
High School	Roof	Library	Rooftop Air Handling Unit	AHU-1
High School	Roof	Heating/Ventilation	Rooftop HV Unit	HV-1
High School	Roof	Heating/Ventilation	Rooftop HV Unit	HV-2
Middle School	Library Fan Room	Library (Multi-Zone Unit)	Air Handling Unit	AHU
Middle School	Gym Fan Room	Gymnasium	H&V Unit	HV-4
Middle School	Gym Fan Room	Gymnasium	H&V Unit	HV-2
Middle School	Gym Fan Room	Gymnasium	H&V Unit	HV-3
Middle School	Gym Fan Room	Gymnasium	H&V Unit	HV-1
Middle School	Roof	Kitchen	Make Up Air Unit	Make Up Air Unit
Middle School	Roof	Auditorium	Rooftop Air Handling Unit	AHU-1
Middle School	Roof	Air Conditioning	Rooftop Unit	RTU
Middle School	Roof	Air Conditioning	Rooftop Unit	RTU
Albany Avenue	Fan Room	Gymnasium	H&V Unit	HV Unit
Kellum Street	Roof	Air Conditioning	Rooftop Unit	RTU

Building	Location	Area Served	Equipment	Name
William Rall	Fan Room	Auditorium	H&V Unit	HV Unit
William Rall	Roof	Gymnasium	Rooftop HV Unit	Rooftop HV Unit
Margaret A. McKenna Admin.	Fan Room	Multi-Purpose Room	H&V Unit	AHU-3
Margaret A. McKenna Admin.	Fan Room	Gymnasium	H&V Unit	AHU-2
Margaret A. McKenna Admin.	Fan Room	Gymnasium	H&V Unit	AHU-1
Margaret A. McKenna Admin.	Roof	Board Room	Rooftop Unit	RTU

Pneumatic Repair and Refurbishment (ECM 4.1)

At Lindenhurst High School, Lindenhurst Middle School, Albany Avenue Elementary School, Alleghany Avenue Elementary School, Daniel Street Elementary School, Harding Avenue Elementary School, Kellum Street School, William Rall Elementary School, West Gates Avenue Elementary School and Margaret A. McKenna Administration.

Pneumatic repair & refurbishment includes:

- Provide repair and refurbishment of existing pneumatic controls.
- Verify piping and sequence of operations conforms to savings requirements
- Stroke impacted end devices; confirm full range of operation, tight seal-off and reliability. Repair or replace deficient control components. Free up, lubricate and adjust linkages of economizer dampers as necessary to achieve full range and reliable operations.
- Verify operation impacted control devices including EP relays, switching valves, PE switches, receiver-controllers, thermostats, and specialty relays. Calibrate; replace devices which prove defective or unreliable.
- Inspect valve disks and seats, refurbish or replace device as necessary.
- Inspect system for field leaks, repair.
- Prove operation of night setback controls.
- Replace indicating gauges at central stations and control panels
- Replace pneumatic controls compressors in boiler rooms (if applicable)

Middle School Classroom DDC Upgrades (ECM 4.1):

Johnson Controls shall furnish and install new DDC controls on the (17) UVs at the Lindenhurst Middle School that currently have Microtech Controls in rooms listed below:

Middle School UV's for Controls Upgrade	
Building	**Room Number**
Middle School	N 109
Middle School	N 111
Middle School	N 113
Middle School	N 115
Middle School	N 117
Middle School	S 205
Middle School	S 207
Middle School	S 209
Middle School	S 211
Middle School	S 213
Middle School	S 215
Middle School	N 209
Middle School	N 211
Middle School	N 213
Middle School	N 215
Middle School	N 217 A
Middle School	N 219

Demand Controlled Ventilation (ECM 4.2)
New controls will be installed to measure the concentration of CO_2 and vary the amount of outside air that is drawn into the space by modulating the outdoor and exhaust air dampers. New dampers controls will be installed to interface with the existing control system. The sensors will be able to provide the building owner with a trend to show concentrations over time.

At each location the following will be installed:

- Install new zone CO2 transmitters to monitor CO2 levels to provide an indication of occupancy in the area specified for use in demand controlled ventilation.
- Install new outside air duct mounted CO2 transmitter to monitor outdoor CO2 levels.
- Wire CO2 transmitters to the existing DDC panel for the air handling unit(s).
- Provide programming as required to reset the minimum outside air damper position based on the CO2 levels in the space.

Building	Area	Occupancy
High School	Auditorium	1171
High School	Gymnasium	1236
High School	Library	86
Middle School	Auditorium	552
Middle School	Gymnasium	707
Middle School	Library	155

Building	Location	Area Served	Equipment	Fuel / Energy Source	Equipment Name
High School	Fan Room	Auditorium	Air Handling Unit	Electric/HW/CHW	AHU-2
High School	Fan Room	Auditorium	Air Handling Unit	Electric/HW/CHW	AHU-3
High School	Roof	Library	Rooftop Air Handling Unit	Electric/HW/CHW	AHU-1
High School	Gym Fan Room	Gym	H&V Unit	Electric/HW	HV-5
High School	Gym Fan Room	Gym	H&V Unit	Electric/HW	HV-6
Middle School	Library Fan Room	Library (Multi-Zone Unit)	Air Handling Unit	Electric/Steam	AHU
Middle School	Roof	Auditorium	Rooftop Air Handling Unit	Electric/Steam/CHW	AHU-1
Middle School	Gym Fan Room	Gymnasium	H&V Unit	Electric/HW	HV-1
Middle School	Gym Fan Room	Gymnasium	H&V Unit	Electric/HW	HV-2
Middle School	Gym Fan Room	Gymnasium	H&V Unit	Electric/HW	HV-3
Middle School	Gym Fan Room	Gymnasium	H&V Unit	Electric/HW	HV-4

Optimal Start (ECM 4.3)
Provide programming such that HVAC equipment controlled by the energy management system will operate with an optimal start warm up cycle.

Turn-key installation including engineering, installation, database work, training and support, new exposed wiring to be in EMT and exterior wiring to be rigid galvanized.

ECM 5 - HEATING DISTRIBUTION SYSTEM - PIPE AND VALVE INSULATION

Johnson Controls shall furnish and install Insulation shall be installed according to the minimum standard listed. Install an energy-saving thermal blanket system on valves and fittings and proper insulation on all piping identified during the field engineering survey.

Building	Type of Piping/Tank	Location	Quantity	Pipe Material	Line Size Diam. (in)	Length (ft) or Surface Area (sqft)
High School	HW Piping	Boiler Room	1	Steel	2	6
High School	Suction Strainer	Boiler Room	2	Steel	2.5	2
High School	Suction Strainer	Boiler Room	2	Steel	3	2.4
High School	Elbow (HW)	Boiler Room	4	Steel	4	1
High School	Suction Strainer	Boiler Room	1	Steel	4	3
High School	Strainer (HW)	Boiler Room	3	Steel	4	2.8
High School	Top of Boiler 3	Boiler Room	1	Steel	10' x 6"	16.1
High School	Bonnet (HW)	Compressor Room	3	Steel	4	2.8
High School	Gate Valve (HW)	Compressor Room	1	Steel	4	3
High School	Flex (HW)	Compressor Room	4	Steel	4	1
High School	Suction Strainer	Compressor Room	2	Steel	4	3
High School	Balancing Valve	Compressor Room	2	Steel	4	3
High School	Reducer (HW)	Compressor Room	1	Steel	5 to 4	1
High School	Elbow (HW)	Pool Boiler Room	2	Steel	3	1
High School	Elbow (HW)	Pool Boiler Room	1	Steel	6	1
High School	Front of Boiler	Pool Boiler Room	1	Steel	8	2
High School	Reducer (HW)	Pool Boiler Room	1	Steel	5 to 4	1.0
High School	Gate Valve (HW)	Pool Mechanical Room	3	Steel	3	2.4
High School	Check Valve (HW)	Pool Mechanical Room	1	Steel	3	2.4
High School	Control Valve (HW)	Pool Mechanical Room	1	Steel	2	1
High School	HW Piping	Pool Mechanical Room	1	Copper	2	5
High School	HW Piping	Pool Mechanical Room	1	Copper	3	2
High School	Check Valve (HW)	Pool Mechanical Room	2	Steel	3	2.4
High School	HW Piping	Pool Mechanical Room	1	Steel	3	5
High School	Strainer (HW)	Pool Mechanical Room	1	Steel	3	2.3
High School	Gate Valve (HW)	Pool Mechanical Room	2	Steel	5	3.8
High School	Butterfly Valve (HW)	Pool Mechanical Room	2	Steel	5	2.3
High School	Tee (HW)	Pool Mechanical Room	2	Steel	5	2.3
High School	DHWH Head	Pool Mechanical Room	1	Steel	8	2
Middle School	Condensate Piping	Original Boiler Room	1	Steel	1.5	100
Middle School	Condensate Piping	Original Boiler Room	1	Steel	2	10
Middle School	Condensate Piping	Original Boiler Room	1	Steel	3	60
Middle School	Gate Valve (Cond.)	Original Boiler Room	1	Steel	3	2.4
Middle School	Condensate Piping	Original Boiler Room	1	Steel	4	4
Middle School	Bonnet (Steam)	Original Boiler Room	1	Steel	10	5.4

Building	Type of Piping/Tank	Location	Quantity	Pipe Material	Line Size Diam. (in)	Length (ft) or Surface Area (sqft)
Middle School	Control Valve (Steam)	Library Fan Room	2	Steel	3	2.4
Middle School	Steam Piping	Library Fan Room	1	Steel	3	5
Middle School	Steam Piping	Library Fan Room	1	Steel	4	4
Middle School	Strainer (Steam)	Library Fan Room	1	Steel	4	2.8
Albany Avenue	Flex (HW)	Boiler Room	1	Steel	1.5	1
Albany Avenue	Balancing Valve	Boiler Room	1	Steel	1.5	0.9
Albany Avenue	Elbow (HW)	Boiler Room	3	Steel	1.5	0.5
Albany Avenue	Tee (HW)	Boiler Room	2	Steel	2	1
Albany Avenue	Gate Valve (HW)	Boiler Room	6	Steel	2	2.1
Albany Avenue	Balancing Valve	Boiler Room	4	Steel	2	2.1
Albany Avenue	Flex (HW)	Boiler Room	5	Steel	2	1
Albany Avenue	Flange (HW)	Boiler Room	11	Steel	2	0.75
Albany Avenue	HW Piping	Boiler Room	1	Steel	2	3
Albany Avenue	Elbow (HW)	Boiler Room	15	Steel	2	0.5
Albany Avenue	Gate Valve (HW)	Boiler Room	10	Steel	3	2.4
Albany Avenue	Check Valve (HW)	Boiler Room	1	Steel	3	2.4
Albany Avenue	Tee (HW)	Boiler Room	3	Steel	3	1
Albany Avenue	Flex (HW)	Boiler Room	3	Steel	3	1
Albany Avenue	Flange (HW)	Boiler Room	6	Steel	3	1.1
Albany Avenue	Elbow (HW)	Boiler Room	8	Steel	3	1
Albany Avenue	Flange (HW)	Boiler Room	1	Steel	6	2.4
Albany Avenue	Tee (HW)	Boiler Room	1	Steel	6	1
Albany Avenue	HW Piping	Boiler Room	1	Steel	6	10
Alleghany Avenue	Suction Strainer	Boiler Room	3	Steel	4	3
Daniel Street	Check Valve (HW)	Boiler Room	1	Steel	3	2.4
Daniel Street	Gate Valve (HW)	Boiler Room	3	Steel	3	2.4
Daniel Street	HW Piping	Boiler Room	1	Steel	3	2
Kellum Street	DHW Piping	Boiler Room	1	Copper	0.75	20
Kellum Street	DHW Piping	Boiler Room	1	Copper	1	40
Harding Avenue	Gate Valve (HW)	Boiler Room	1	Steel	2	2.1
West Gates Avenue	Flex (HW)	Boiler Room	1	Steel	1.5	1
West Gates Avenue	Balancing Valve	Boiler Room	1	Steel	1.5	0.9
West Gates Avenue	Balancing Valve	Boiler Room	6	Steel	2	2.1
West Gates Avenue	Flex (HW)	Boiler Room	2	Steel	2	1
West Gates Avenue	Suction Strainer	Boiler Room	3	Steel	2	2.1
West Gates Avenue	Gate Valve (HW)	Boiler Room	1	Steel	4	3
William Rall	Condensate Piping	Boiler Room	1	Steel	0.75	50
William Rall	Condensate Piping	Boiler Room	1	Steel	1	25
William Rall	Condensate Piping	Boiler Room	1	Steel	1.5	25
William Rall	Gate Valve (Cond.)	Boiler Room	1	Steel	4	3

Building	Type of Piping/Tank	Location	Quantity	Pipe Material	Line Size Diam. (in)	Length (ft) or Surface Area (sqft)
William Rall	Strainer (Cond.)	Boiler Room	1	Steel	4	2.8
William Rall	Condensate Piping	Boiler Room	1	Steel	4	2
McKenna Admin	Flex (HW)	Boiler Room	6	Steel	3	1
McKenna Admin	Balancing Valve	Boiler Room	3	Steel	3	2.4
McKenna Admin	Butterfly Valve (HW)	Boiler Room	3	Steel	3	1.1
McKenna Admin	Suction Strainer	Boiler Room	3	Steel	3	2.3
McKenna Admin	Reducer (HW)	Boiler Room	3	Steel	3 to 2	1

Exclusions:

1. Repair of insulation not listed above and found to be in poor condition
2. Repairs/replacement of piping or fittings found to be corroded or rusted and unacceptable for installation of components required for insulation

ECM 6 - BOILER/DHW HEATER/FURNACE – BURNER CONTROLLERS

Johnson Controls shall furnish and install Intellidyne boiler, DHWH, furnace controllers at the following locations:

Building	Boiler Controllers	Gas Fired RTU Furnace Controllers	DHW Controllers
High School	3	1	2
Middle School		1	3
Albany Avenue	2		2
Alleghany Avenue	2		1
Daniel Street			1
Harding Avenue	2		1
Kellum Street			1
West Gates Avenue	2		1
William Rall			1
Margaret A. McKenna Admin.	2		1
Total	**13**	**2**	**14**

ECM 7 - Building Envelope Improvements - Roof Replacement

At Daniel Street Elementary School Johnson Controls shall remove roofing down to existing deck and dispose. Furnish and install new 20 year 120MPH Versico 60 mil Black EPDM fully adhered roof system. Supply R-25 tapered polyiso, 5/8" secure rock cover board, install new wood blocking at perimeter edges as needed, supply and install new Olympic Roof Drains with rings and domes, furnish penetrations and terminate, supply and install new 20 year Kynar Presto Tile Aluminum fascia where needed, install new expansion joints as needed and provide a manufacturer's 20 year warranty.

ECM 8 - Air Handling Unit Upgrade – VFD on Fans

Johnson Controls shall furnish and install Variable Frequency Drive (VFDs) on the library multi-zone air handling unit at the Lindenhurst Middle School. The variable frequency drive will be installed near existing motor, and the new VFD control panel will be in the same location as existing motor control panel.

Location	Area-System Served	Fuel / Energy Source	Equipment	Motor Manufacturer	Frame	HP	RPM	Phase	Voltage	Amperage
Library Fan Room	Library (Multi-Zone Unit)	Electric / Steam	AHU	Century	213T	7.5	1750	3	208	23

Exclusions:

1. Duct cleaning
2. Air balancing

ECM 9 – Computers - Power Management

Johnson Controls shall furnish and install a software utility that measures, manages, and minimizes the energy consumed by the network's PC clients through one centralized interface on a total of 1,983 computers. Johnson Controls will work with the Lindenhurst School District for a seamless baseline and installation process.
Five years of subscription and software upgrades is included with the base contract, the customer is responsible for continuing the services with the service provider beyond the five years.

ECM 10 - Vending Machine Controllers

Johnson Controls shall furnish and install eleven Vending Miser controls on vending machines in spaces listed below. Utilizing a custom passive infrared sensor, the controller powers down a vending machine when the area surrounding it is unoccupied and automatically re-powers the vending machine when the area is reoccupied. The intelligent controller develops optimal start-stop based upon the building occupancy, and modifies the time-out period accordingly.

Building	Location
High School	255
High School	Cafeteria Corridor
High School	Cafeteria
High School	Cafeteria
Middle School	Gymnasium Lobby

Middle School	Gymnasium Lobby
Alleghany Avenue	Faculty
Harding Avenue	Faculty
Kellum Street	Faculty
William Rall	Faculty
Margaret A. McKenna Admin.	213

ECM 11 - RENEWABLE ENERGY – PHOTOVOLTAIC ELECTRIC GENERATION

Johnson Controls shall install a photovoltaic electrical generation systems that will interconnect with the existing electrical distribution systems as listed in the table below.

Building	System Size
Lindenhurst High School	414.96 kW
Lindenhurst Middle School	197.12 kW
Harding Ave Elementary	184.8 kW
Daniel Street Elementary	135.2 kW

The installation on the above referenced project as complete turnkey system and shall include:

PV systems shall be roof-mounted and self-ballasted manufactured by Genmount or Uni-rac, with string inverters, manufactured by Solectria with Solectria data Monitoring and SolarWorld and/or Hyundai PV modules. Interconnection shall be done as a line side tap. New electric shall meet NEC 2014 requirements. Remote data monitoring capability is included for the first five years of the contract, after which the customer shall be responsible for maintaining the service.

The district shall provide an internet connection for data monitoring at each school. In the event that any of the 4 buildings roofs or portions of any one roof is determined to be unsuitable for the roof mounted PV array, Johnson Controls will attempt to move the array or portions of the array to another location that is suitable at any of the 4 buildings outlined above.

Johnson Controls shall install the new PV systems with existing roof manufacturer standards to maintain current roof warranty as it relates to the solar panel installation. At all 4 locations, existing structural steel, joists and roofing decks are anticipated to be adequate for solar panel installation. If during the design phase ECG Engineering encounter structural issues with the roof framing, JCI shall relocate the problem areas of solar arrays to a different location in order to maintain the 932.08 kW DC of total system size.

In the event that any of the 4 roofs at customer's site are determined to not be a viable option, the scope of work for this FIM shall be reduced subject to owner's written approval by deduct change order and the costs associated with the reduced scope shall be credited to the customer. The guaranteed savings would also be adjusted accordingly by a formal written amendment to the agreement.

ECM 12 - PLUG LOAD CONTROLLERS

Johnson Controls shall furnish and install a plug load management system that will gain control of specified plug load equipment. The system will use an existing Wi-Fi network that will communicate to an energy management user interface. Through the user interface, equipment can be monitored, scheduled and turned on / off. In areas where no Wi-Fi connection exists, plugs can be programmed with the intended schedule for the equipment.

Building	Copier	Printer	Smart Board	Projector	Window AC	Water Fountain	Large Coffee Maker
High School	11	29	99	10	29	3	1
Middle School	3	27	89	4	50	7	0
Albany Avenue	1	7	28	0	10	0	0
Alleghany Avenue	1	3	28	2	10	0	0
Daniel Street	1	12	41	1	14	0	0
Harding Avenue	1	5	25	1	9	0	0
Kellum Street	1	12	0	0	76	0	0
West Gates Avenue	1	6	22	3	6	0	0
William Rall	1	5	34	0	17	4	0
Margaret A. McKenna Admin.	19	31	3	2	48	1	0
Total	**40**	**137**	**369**	**23**	**269**	**15**	**1**

ECM 13 - UNIT VENTILATOR REFURBISHMENT / REPLACEMENTS

Johnson Controls shall replace 109 unit-ventilators in the Lindenhurst High School complete with new DDC thermostats to control these unit ventilators. The unit-ventilators shall be manufactured by Magic Aire or equivalent. JCI shall refurbish the existing (12) unit-ventilators manufactured by AAF and install new DDC controls on them.

Replacement scope of work includes:

- Draining of the hot water system.
- Disconnect and safe off of existing electrical connection.
- Removal and disposal of the old unit vents.
- Pipe new unit vents with shut off valves, unions, drains, air vents and circuit setters.
- Connect new unit vents to existing piping.
- Connect new unit vents to existing electrical circuits.
- Fill, test and balance the water flow to each unit vent.

Mechanical refurbishment includes:

- Vacuum cleaning of unit ventilator cabinet
- Vacuum cleaning of heating and (if applicable) cooling coils
- Repair/replacement of defective motors (as necessary)
- Replacement of damper bearing and edge seals (as necessary)
- Repair/replacement of speed switch and fan transformer (as necessary)
- Repair/replacement of fuses and disconnect (as necessary)
- Filter replacement

The following table lists the quantity of unit ventilators to be refurbished/replaced:

Building	Refurbish	Replace
Lindenhurst High School	12	109

The following list of area shall be upgraded:

Building	Location	Replace	Refurbish
High School	216B	1	0
High School	217	1	0
High School	218	1	0
High School	216 A	1	0
High School	215	1	0
High School	219	1	0
High School	214	1	0
High School	220	1	0
High School	213	1	0
High School	221	1	0
High School	212B	1	0
High School	212	1	0
High School	211	1	0
High School	210	1	0
High School	223	1	0
High School	224	0	1
High School	225	1	0
High School	235	1	0
High School	226	1	0
High School	234	1	0
High School	227	1	0
High School	233	1	0
High School	228	1	0
High School	232	1	0
High School	229	1	0
High School	231	1	0
High School	230	1	0
High School	236	1	0
High School	255	1	0
High School	238	1	0
High School	253	0	1
High School	252	1	0
High School	251 B	1	0
High School	250	1	0
High School	239	1	0
High School	249	1	0
High School	240	1	0
High School	254	1	0
High School	237	1	0
High School	248	1	0

High School	241	1	0
High School	247	1	0
High School	242	1	0
High School	246	1	0
High School	243	1	0
High School	245	1	0
High School	244	1	0
High School	117	1	0
High School	118	0	1
High School Employment Office	Prac Arts Office	1	0
High School	116	1	0
High School	115	1	0
High School	119	1	0
High School	114	1	0
High School	120	1	0
High School	113	1	0
High School	121	1	0
High School	112	1	0
High School	122	1	0
High School	110	1	0
High School	109	1	0
High School	123	1	0
High School	124	1	0
High School	125	1	0
High School	135	1	0
High School	126	1	0
High School	134	1	0
High School	127	1	0
High School	133	1	0
High School	128	1	0
High School	132	1	0
High School	129	1	0
High School	131	1	0
High School	130	1	0
High School	144	1	0
High School	145	1	0
High School	143	1	0
High School	146	1	0
High School	142	1	0
High School	147	1	0
High School	141	1	0
High School	148	1	0
High School	140	1	0

High School	149	1	0
High School	139	1	0
High School	150	1	0
High School	137	0	1
High School	156	0	1
High School	157	0	1
High School	155	0	1
High School	136	1	0
High School	107	0	1
High School	158	1	0
High School	159	1	0
High School	160	1	0
High School	161	1	0
High School	161A	0	0
High School	162	1	0
High School	162	1	0
High School	163	0	0
High School	165	1	0
High School	165	1	0
High School	Main Office	1	0
High School	Main Office	1	0
High School Principal Secretary	Main Office	1	0
High School Principal	Main Office	1	0
High School	Weight Room	1	0
High School	Weight Room	1	0
High School	Weight Room	1	0
High School	Nurse	1	0
High School	Boys Locker	1	0
High School	Boys Locker	1	0
High School	Girls Locker	1	0
High School	Girls Locker	1	0
High School	Archery/ Wrestling	1	0
High School	Archery/ Wrestling	1	0
High School	Archery/ Wrestling	1	0
High School	111	1	0
High School	222	0	1
High School	131	1	0
High School	153	0	1
High School	138	0	1
High School	154	0	1
	Total	109	12

ECM 14 - AIR CONDITIONING COMPRESSOR CONTROLLERS

Johnson Controls shall furnish and install new IntelliCon-CAC controllers on the individual compressor units shown in the table below:

Building	Location	Area Served	Equipment	Manufacturer	Model Number	Compressor Data	No. of Compressors
High School	Courtyard	Office Area	Packaged Unit	York			1
High School	Courtyard	Assistant Principal's Office	Packaged Unit	York	ACP060C1021B	28.9 RLA	1
Middle School	Roof	Air Conditioning	Rooftop Unit	York	D1HE060A25XLA	16 RLA	1
Middle School	Roof	Air Conditioning	Rooftop Unit	York	DH090C00Q2DAA1A	x2: 14.1 RLA	2
Kellum Street	Roof	Air Conditioning	Rooftop Unit	Lennox	GCS16-090-200-1Y	x2: 12.8 RLA	2
Margaret A. McKenna Admin.	Roof	Board Room	Rooftop Unit	RhECM	RKNA-A060CK13E	15.4 RLA	1

ECM 15- REFRIGERATION COMPRESSOR CONTROLLERS

Johnson Controls shall furnish and install new IntelliCon-RU controllers on the individual compressor units shown in the table below:

Location	No. of Compressors	Location
High School	3	Crawl Space Under Kitchen
Middle School	2	Roof
Alleghany Avenue	1	Custodial Office
Daniel Street	1	Kitchen Storage
Total	**7**	

Dated , 2017

LINDENHURST UNION FREE SCHOOL DISTRICT

Signature: Don Hoch

Printed Name: Donna Hochman

Title: Bd President

Date: 6/20/17

JOHNSON CONTROLS, INC.

Signature: James B Cotton

Printed Name: James B. Cotton

Title: Regional GM

Date: 6/19/17

ASSURED PERFORMANCE GUARANTEE

A. Certain Definitions

For purposes of this Agreement, the following terms have the meanings set forth below:

Annual Project Benefits are the portion of the projected Total Project Benefits to be achieved in any one year of the Guarantee Term.

Annual Project Benefits Realized are the Project Benefits actually realized for any one year of the Guarantee Term.

Annual Project Benefits Shortfall is the amount by which the Annual Project Benefits exceed the Annual Project Benefits Realized in any one year of the Guarantee Term.

Annual Project Benefits Surplus is the amount by which the Annual Project Benefits Realized exceed the Annual Project Benefits in any one year of the Guarantee Term.

Baseline is the mutually agreed upon data and/or usage amounts that reflect conditions prior to the installation of the Improvement Measures as set forth in Section IV below.

Guarantee Period is eighteen (18) years or the useful life of the equipment being installed pursuant to this Agreement

Guarantee Term will commence on the first day of the month next following the Substantial Completion date and will continue through the duration of the M&V Services, subject to earlier termination as provided in this Agreement.

Installation Period is the period beginning on JCI's receipt of Customer's Notice to Proceed and ending on the commencement of the Guarantee Term.

Measured Project Benefits are the utility savings and cost avoidance calculated in accordance with the methodologies set forth in Section III below.

Project Benefits are the Measured Project Benefits plus the Operational and Maintenance Project Benefits to be achieved for a particular period during the term of this Agreement. The cost of the M&V Services is included in the Total Project Benefits guaranteed to be achieved during the entire term of this Agreement.

Total Project Benefits are the projected Project Benefits to be achieved during the entire term of this Agreement.

B: Guarantee Details

The following Exhibits are attached and made part of this Schedule 2, Section B:

Table 2.1.1: Exhibits Summary

Exhibit 1	Total Project Benefits
Exhibit 2	Measurement and Verification Methodologies
Exhibit 3	Measured Project Benefits
Exhibit 4	Operational & Maintenance (O&M) and Rebate Project Benefits
Exhibit 5	Change in Use or Condition
Exhibit 6	Baseline Calculations and Utility Rates
Exhibit 7	Primary Operations Schedules Pre & Post Retrofit
Exhibit 8	Measurement and Verification Services

EXHIBIT 1: TOTAL PROJECT BENEFITS

Subject to the terms and conditions of this Agreement JCI guarantees that Customer will achieve a total of $11,154,027 in Measured Project Benefit (Utility Cost Avoidance Measurable Savings), $998,874 in Operations and Maintenance Cost Avoidance, and $265,000 in Energy Rebates during the term of this Agreement, for Total Guaranteed Project Benefits of $12,417,901 as set forth in the Total Project Benefits Table below.

Table 2.1.2: Total Project Benefits

Year	Utility Cost Avoidance* Measurable Savings	Operations & Maintenance Cost Avoidance**	Energy Rebate- Non Recurring Savings	Total Guaranteed Project Benefits
1	$520,917	$55,493	265,000	$841,410
2	$531,335	$55,493		$586,828
3	$541,962	$55,493		$597,455
4	$552,801	$55,493		$608,294
5	$563,857	$55,493		$619,350
6	$575,134	$55,493		$630,627
7	$586,637	$55,493		$642,130
8	$598,369	$55,493		$653,862
9	$610,337	$55,493		$665,830
10	$622,543	$55,493		$678,036
11	$634,994	$55,493		$690,487
12	$647,694	$55,493		$703,187
13	$660,648	$55,493		$716,141
14	$673,861	$55,493		$729,354
15	$687,338	$55,493		$742,831
16	$701,085	$55,493		$756,578
17	$715,107	$55,493		$770,600
18	$729,409	$55,493		$784,902
Totals	**$11,154,027**	**$998,874**	**$265,000**	**$12,417,901**

* Utility Cost Avoidance is a Measured Project Benefit. Utility Cost Avoidance figures in the table above are based on anticipated 2% increase in unit energy costs as set forth in the table in Exhibit 6.

Measurement and Verification (M&V) Services
JCI shall provide M&V Services for a period of three (3) years starting on the first day of the month next following the Substantial Completion date. Within sixty (60) days of the commencement of the Guarantee Term, JCI will calculate the Measured Project Benefits achieved during the Installation Period plus any Non-Measured Project Benefits applicable to such period and advise Customer of same. Within sixty (60) days of each anniversary of the commencement of the Guarantee Term, JCI will calculate the Measured Project Benefits achieved for the applicable year plus any Non-Measured Project Benefits applicable to such period and advise Customer of same.

As set forth in the Certification provided by JCI to the NY State Education Department, JCI guarantees recovery of costs of the Agreement from energy savings realized by the Customer during a period of 18 years, or the useful life of the equipment being installed, whichever is less.

Customer acknowledges and agrees that if, without good cause during the Guarantee Term, it (i) cancels or terminates receipt of M&V Services, or (ii) cancels or terminates this Agreement, it shall be assumed (in accordance with Option A of the North American Energy Measurement and Verification Protocol (NEMVP), and based upon the equipment continuing to operate in accordance with specified criteria) that the Annual Project Benefits will be met during each year of the Guarantee Period. The parties agree that Customer shall have "good cause" in the event that (i) JCI materially breaches its obligations hereunder, e.g., JCI fails to complete its M&V services set forth on Schedule 2 of this Agreement, after being notified of such breach in writing and after being given a ten (10) day period to cure such breach or (ii) JCI files for bankruptcy or an insolvency proceeding is commenced against Borrower and is not dismissed or stayed within thirty (30) days.

Customer further acknowledges and agrees that if it (i) fails to pay for M&V Services in accordance with Schedule 4 – Price and Payment Terms, (ii) materially fails to fulfill any of Customer's responsibilities necessary to enable JCI to complete the Work and provide the M&V Services, including, but not limited to, Customer's material failure to operate and maintain the equipment and/or systems as stipulated by JCI, or (iii) otherwise materially breaches this Agreement, JCI shall issue a written notice to the Customer stating the nature of the alleged breach and shall provide Customer with a ten (10) day period to cure such breach. If the Customer has breached the Agreement and fails to cure such breach within such ten (10) day period, Customer acknowledges and agrees that the Assured Performance Guarantee shall automatically terminate.

C: Project Benefits Shortfalls or Surpluses.

(1) During the period in which JCI is providing M&V Services, if an Annual Benefits Shortfall occurs the Customer shall have the choice of either implementing or not implementing the following contained in subsection "a" or "b'" below:

(a) *Project Benefits Shortfalls*. Customer may elect to have JCI either (i) pay to Customer the amount of such shortfall, or (ii) provide to Customer additional products or services, in the value of such shortfall, at no additional cost to Customer.

(b) *Additional Improvements*. JCI may, subject to Customer's approval, implement additional Improvement Measures, at no cost to Customer, which may generate additional Project Benefits in future years of the Guarantee Term.

(2) If Customer elects M&V Services over a period of time shorter than the Guarantee Period, or if Customer terminates M&V Services early as set forth above, then the following shall apply:

(a) If the Annual Project Benefits are met in each year during the period that M&V Services are provided, it shall be assumed (in accordance with Option A of the NEMVP, and based upon the equipment continuing to operate in accordance with specified criteria) that the Annual Project Benefits will be met during each year of the Guarantee Period.

(b) If there is an Annual Project Benefits Shortfall at the end of the initial three-year period during which M&V Services are provided, and such shortfall is not the result of the equipment not operating in accordance with specified criteria, then Customer may, in its sole discretion, elect to continue M&V Services for an annual cost set forth on Schedule 4.

EXHIBIT 2: MEASUREMENT AND VERIFICATION METHODOLOGIES

The following is a brief overview of the measurement and verification methodologies applicable to the Improvement Measures set forth below. JCI shall apply these methodologies, as more fully detailed in the guidelines and standards of the North American Energy Measurement and Verification Protocol (NEMVP), in connection with the provision of M&V Services hereunder.

NEMVP Option A
Potential to Perform Verification and Performance Calculation

Option A is a verification approach designed for projects where the potential to perform needs to be verified, but the actual performance (savings) can be calculated based on the results of the "potential to perform and generate savings" verification and engineering calculations. Option A involves procedures for verifying that:

- Baseline conditions have been properly defined.
- The equipment and/or systems that were contracted to be installed have been installed.
- The installed equipment/systems meet the specifications of the Agreement in terms of quantity, quality and rating.
- The installed equipment is operating and performing in accordance with the specifications in the Agreement and meeting all functional tests.
- The installed equipment/systems continue, during the term of the Agreement, to meet the specifications of the Agreement in terms of quantity, quality and rating, operation and functional performance.

The potential to perform may be verified through inspections and/or spot or short-term metering conducted immediately before and/or immediately after project installation. Annual (or some other regular interval) inspections may also be conducted to verify an ECM's continued potential to perform and generate savings. With Option A, actual achieved energy or cost savings are not verified; they are predicted using engineering or statistical methods that do not involve long-term measurements.
Reference: NEMVP Version 1.0
Measured Project Benefits from the following Improvement Measures will be calculated using Option A:

Table 2.2.1: Option A Measures

ECM #	Facility Improvement Measure	M&V Option
ECM 1	Lighting - Fixture Retrofit	A
ECM 2	Lighting - Fixture Control	A
ECM 3	Lighting - Exterior Lighting	A
ECM 5	Heating Distribution System - Pipe and Valve Insulation	A
ECM 6	Boiler/DHW Heater/Furnace - Burner Controllers	A
ECM 7	Building Envelope Improvements - Roof Replacements	A
ECM 8	Air Handling Unit Upgrade - VFD on Fans	A
ECM 9	Computers - Power Management	A
ECM 10	Vending Machine Controllers	A
ECM 11	Renewable Energy- Photovoltaic Electric Generation	A
ECM 12	Plug Load Controllers	A
ECM 13	Unit Ventilators - Refurbishment / Replacement	A
ECM 14	Air Conditioning Compressor Controllers	A
ECM 15	Refrigeration Compressor Controllers	A

ECM 1 – Lighting Fixture Upgrades
M&V Option: NEMVP-A (One Time)

Measurement Boundary: Retrofit isolation – Project savings will be determined within the measurement boundary that encompasses only the light fixtures subject to the lighting retrofit project.

Measured Key Parameter: kW

Interaction: Lighting kw reduction leads to increase in heat energy usage during winter and decrease in cooling energy usage during summer. The net energy usage due interaction will be accounted during pre-retrofit and post-retrofit savings calculation.

Measuring Equipment: True-RMS Wattmeter (kw measurement) and light meter (light level measurement)

Measuring Equipment Accuracy:
True RMS Watt Meter: ±3% of measurement range, Light Meter: ±3% of measurement range

Measurement Period: One-minute average

Measurement Frequency: One-time pre and post-retrofit measurement. Inspection checks for rest of the M&V contract period.

Measurement and Verification Details:
Sampling Procedure:
To reduce M&V cost all fixtures installed will not be measured, an effective NEMVP recommended sampling method will be used. Lighting fixture types that account for greater than 10% of the total fixtures installed will be sampled. Lighting fixtures will be separated to homogenous groups and sampled to achieve ±10% precision with 90% confidence with an assumed 0.50 coefficient of variance.

Measurement Procedure:
True RMS power measurements will be taken at the light switch that energizes the circuit containing only the sampled fixtures.
Quality Check Procedure:
In order to ensure that a room is not under lit due to lighting kw reduction, light levels pre and post retrofit will be measured. This data will be compared against the ASHRAE/IES recommended light levels for each user type. The installation team will check the lighting installation line by line. The M&V team will quality check the line by line and take photographs for documentation.
Pre-Measurement Activities:
Pre-retrofit lighting kw was analyzed and listed in the lighting line by line by location and fixture type. The kw data from the line by line will be used for pre-retrofit savings calculation. Pre-kw will be sampled and measured to validate the line by line. Light levels will be measured for sampled areas to understand existing conditions.

Post-Measurement Activities:
Post-Measurement Activities:
Post-kw measurements will be sampled and measured once after retrofit and these values will be used for rest of the guarantee term. Light levels will be measured at sampled locations to ensure minimal standards are achieved. Inspection results and JCI warranty commitments will be communicated to the customer to maximize warranty benefits. Warranty claim procedure will be the responsibility of the customer.

Formulas and assumptions in the DEA will be used to calculate the savings
ECM 2: Lighting – Fixture Control

M&V Option: NEMVP-A (One Time)

Measurement Boundary: Retrofit isolation – Project savings will be determined within the measurement boundary that encompasses only the lighting controls subject to the lighting retrofit project.

Measured Key Parameter: lighting ON hours when un-occupied

Assumptions:
Since lighting fixture retro fit and lighting controls are installed together in this project, operation hrs savings shall not be double booked. Post –installation kw from the lighting measure will be used for both pre-lighting controls and post-lighting controls savings calculation.

Interaction: Lighting hour reduction leads to an increase in thermal energy usage during the winter and decrease in cooling energy usage during summer. The net energy usage due to this interaction will be accounted during pre-retrofit and post-retrofit savings calculation.

Measuring Equipment: Synchronous light and occupancy data logger

Measuring Equipment Accuracy: Not applicable.

Measuring Equipment Calibration: Not applicable.

Measurement Period: For a minimum of one full normal week

Measurement Frequency: One-time pre-retrofit measurement.
Inspection checks for rest of the guarantee period.

Measurement and Verification Details:

Measurement Procedure:
Synchronous light and occupancy data logger will be installed in applicable locations. Locations will be selected to ensure the correct capturing of occupancy and lighting.

Quality Check Procedure:
The installation team will check the lighting controls installation line by line. The M&V team will quality check the line by line and take photographs for documentation. Inspection results and JCI warranty commitments will be communicated to the customer to maximize warranty benefits. Warranty claim procedure will be the responsibility of the customer

Pre-Installation Activities:
Pre-retrofit lighting hours will measured prior to installation of the controls.

Post-Installation Activities:
Occupancy hours measured during pre-retrofit will be used.

Formulas in the DEA will be used to calculate the savings

ECM 3 – Lighting Fixture Upgrades (Exterior)

M&V Option: NEMVP-A (One Time)

Measurement Boundary: Retrofit isolation – Project savings will be determined within the measurement boundary that encompasses only the light fixtures subject to the exterior lighting retrofit project.

Measured Key Parameter: kW

Measuring Equipment: True-RMS Wattmeter (kw measurement) and light meter (light level measurement)

Measuring Equipment Accuracy:
True RMS Watt Meter: ±3% of measurement range, Light Meter: ±3% of measurement range

Measurement Period: One-minute average

Measurement Frequency: One-time post-retrofit measurement. Inspection checks for rest of the M&V contract period.

Measurement and Verification Details:
Sampling Procedure:
To reduce M&V cost all fixtures installed will not be measured, an effective NEMVP recommended sampling method will be used. All lighting fixture types that account for greater than 10% of the total fixtures installed will be measured. Lighting fixtures will be separated to homogenous groups and sampled to achieve ±10% precision with 90% confidence with an assumed 0.50 coefficient of variance.

Measurement Procedure:
True RMS power measurements will be taken at the electrical panel that energizes the circuit containing only the sampled fixtures.
Quality Check Procedure: Light levels pre and post retrofit will be measured. This data will be compared against the ASHRAE/IES recommended light levels for each user type. The installation team will check the lighting installation line by line. The M&V team will quality check the line by line and take photographs for documentation.
Pre-Measurement Activities:
Pre-retrofit lighting kw was analyzed and listed in the lighting line by line by location and fixture type. The kw data from the line by line will be used for pre-retrofit savings calculation. Pre-kw will be sampled and measured to validate the line by line. Light level will be sampled.

Post-Measurement Activities:
Post-kw measurements will be sampled and measured once after retrofit and will be used for rest of the guarantee term. Light level will be sampled. Inspection results and JCI warranty commitments will be communicated to the customer to maximize warranty benefits. Warranty claim procedure will be the responsibility of the customer.

Formulas and assumptions in the DEA will be used to calculate the savings

ECM 5 – Heating Distribution System - Pipe and Valve Insulation
M&V Option: NEMVP-A (One Time)

Measurement Boundary: Retrofit isolation – Project savings will be determined within the measurement boundary that encompasses only the items that are subject to this Pipe and Valve Insulation project.

Interaction: All thermal ECMS.

Verification Equipment: Digital or thermal camera

Verification Frequency & Period: One time pre-retrofit period and one time post-retrofit period

Pre-Installation Activities:
A thermal camera will be used to measure surface temperatures and capture the thermo graphic image of pre-retrofit thermal leaks.

Post- Installation Activities:
Accuracy of the as-built will be verified against the contract scope of work. A digital or thermal camera will be used to document the post-retrofit conditions and proper installation of insulation.

Formulas and assumptions in the DEA will be used to calculate the savings

ECM 6 – Boilers/DHW Heater/Furnace - Burner Controllers

M&V Option: NEMVP-A (One Time)

Verification Boundary: Retrofit isolation – Project savings will be determined within the measurement boundary that encompasses only the items that are subject to this boiler burner controller project.

Interaction: All thermal ECMS.

Verification Period & Frequency: One-time the first post-retrofit year.

Pre-Installation Activities:
Verify that the boilers do not have any auxiliary burner controllers installed on them.

Post- Installation Activities:
A digital camera will be used to document the post- retrofit conditions. Inspect and verify installed boiler controllers to see if they meet the specifications of the contract in terms of quantity and type. Provide commissioning report for all units per building.

Formulas and assumptions in the DEA will be used to calculate the savings

ECM 7 – Building Envelope Improvements – Roof Replacements
M&V Option: NEMVP-A (One Time)

Verification Boundary: Retrofit isolation – Project savings will be determined within the measurement boundary that encompasses only the items that are subject to this building envelope improvement project.

Interaction: all thermal ECMS.

Verification Equipment: Infrared camera, thermal gun

Verification Period & Frequency: One time during post-retrofit year in Customer's presence and under appropriate weather conditions as agreed to by Customer.

Post-Verification Procedure:

A digital camera will be used to document the post- retrofit conditions. Inspect and verify installed systems to see if they meet the specifications in the submittal in terms of quantity, quality and rating.

Formulas and values in the DEA will be used to calculate the savings

ECM 8 – Air Handling Unit Upgrade (AHU) – VFD on Fans
M&V Option: NEMVP-A (One Time)

Verification Boundary: Retrofit isolation – Project savings will be determined within the measurement boundary that encompasses only the items that are subject to this Air Handling Unit Upgrade.

Interaction: All thermal and electric ECMs.

Verification Period & Frequency: One time during both pre-retrofit period and post-retrofit period.

Pre-Installation Activities:
A digital camera will be used to document the existing conditions.

Post-Installation Activities:
A digital camera will be used to document the post- retrofit conditions. Inspect and verify the AHU VFD to ensure they meet the specifications of the DEA in terms of quantity, quality and rating. Verify if they perform in accordance with the functional specifications in the DEA and meeting all functional tests.

Formulas and assumptions in the DEA will be used to calculate the savings

ECM 9 – Computers - Power Management

M&V Option: NEMVP-A (One Time)

Measurement Boundary: Retrofit isolation – Project savings will be determined for the computers included in the performance contract scope.

Measured Parameter: Short term measurement of computer power states

Measuring Equipment: Computer Power Management Software

Measuring Equipment Accuracy: N/A

Measuring Equipment Calibration: Not applicable.

Measurement Period: 15 minute samples

Measurement Frequency: One time

Measurement and Verification Details:

Pre-Installation Activities:
Based on a survey, the number of computers used, type of computers used and hours of operation will documented. JCI has access to a database that has the computer power consumption measurement data as function of power state. JCI will use that measurement database to calculate pre-energy usage.

Post-Installation Activities:
JCI will measure computer power states and determine the power consumption in each of those states by looking at the collected data from the Computer Power Management Software.

ECM 10 – Vending Machine Controllers
M&V Option: NEMVP-A (One Time)

Verification Boundary: Retrofit isolation – Project savings will be determined within the measurement boundary that encompasses only the items that are subject to this vending machine controller upgrade.

Interaction: N/A

Verification Period & Frequency: One time during both pre-retrofit period and post-retrofit period.

Pre-Installation Activities:
A digital camera will be used to document the existing conditions.

Post-Installation Activities:
A digital camera will be used to document the post- retrofit conditions. Inspect and verify the vending machine controllers to see if they meet the specifications of the DEA in terms of quantity, quality and rating. Verify if they perform in accordance with the functional specifications in the DEA and meeting all functional tests.

Formulas and assumptions in the DEA will be used to calculate the savings

ECM 11 – Renewable Energy- Photovoltaic Electric Generation
M&V Option: NEMVP-A (One-time measurement)

Verification Boundary: Retrofit isolation – Project savings will be determined within the measurement boundary that encompasses only the items that are subject to this photovoltaic electric generation project.

Interaction: Electrical System

Measurement Variable: Peak KW on a design day

Measuring Equipment: Inverter digital display or remote monitoring system

Measurement Period: Instantaneous

Post-Installation Activities:
The Post install kW measurement will be used for all subsequent guarantee years. The Effective Full Load Hours (EFLH) is from published weather data and is stipulated to be used in the calculation as given in the DEA.

Formulas and assumptions in the DEA will be used to calculate the savings

ECM 12 – Plug Load Controller

M&V Option: NEMVP-A (One Time)

Verification Boundary: Retrofit isolation – Project savings will be determined within the measurement boundary that encompasses only the items that are subject to these ECMs.

Verification Period & Frequency: One-time the first post-retrofit year.

Pre- Retrofit Procedure: A sample of equipment being controlled will be monitored for two week period.

Post- Retrofit Procedure: A digital camera will be used to document the post- retrofit conditions. Inspect and verify installed systems to see if they meet the specifications indicated in the DEA in terms of quantity. The software will be used to collect usage data for a two week period. Measured data will be used to evaluate the savings.

Formulas and assumptions in the DEA will be used to calculate the savings

ECM 13 – Unit Ventilator Refurbishments/Replacement

M&V Option: NEMVP-A (One Time)

Verification Boundary: Retrofit isolation – Project savings will be determined within the measurement boundary that encompasses only the items that are subject to this unit ventilator refurbishments/replacement project.

Verification Period & Frequency: One-time the first post-retrofit year.

Post- Verification Procedure: A digital camera will be used to document the post- retrofit conditions. Inspect and verify the unit ventilator refurbishments/replacement to see if they meet the specifications of the DEA in terms of quantity and manufacturer's specifications.

Formulas and assumptions in the DEA will be used to calculate the savings

ECM 14 – Air Conditioning Compressor Controllers
M&V Option: NEMVP-A (One Time)

Verification Boundary: Retrofit isolation – Project savings will be determined within the measurement boundary that encompasses only the items that are subject to air conditioning compressor controller project.

Interaction: None

Verification Period & Frequency: One-time the first post-retrofit year.

Pre-Installation Activities:
Verify that the air conditioning units do not have any auxiliary controllers installed on them.

Post- Installation Activities:

A digital camera will be used to document the post- retrofit conditions. Inspect and verify installed air conditioning controllers to see if they meet the specifications of the contract in terms of quantity and type.

Formulas and assumptions in the DEA will be used to calculate the savings

ECM 15 – Refrigeration Compressor Controllers

M&V Option: NEMVP-A (One Time)

Verification Boundary: Retrofit isolation – Project savings will be determined within the measurement boundary that encompasses only the items that are subject to the refrigeration compressor controller project.

Verification Period & Frequency: One-time the first post-retrofit year.

Post- Verification Procedure: A digital camera will be used to document the post- retrofit conditions. Inspect and verify the refrigeration compressor controller installation to see if they meet the specifications of the DEA in terms of quantity and manufacturer's specifications.
Verify they perform in accordance with the functional specifications in the DEA and meeting the functional tests and provide commissioning report for each unit

Formulas and assumptions in the DEA will be used to calculate the savings

NEMVP Option B
Potential to Perform Verification and Continuous Performance Measurement

Option B is for projects where: i) the potential to perform and generate savings needs to be verified, and ii) actual performance during the term of the Agreement needs to be measured (verified). Option B involves procedures for verifying the same items as Option A plus actual achieved energy savings during the term of the Agreement. Performance verification techniques involve engineering calculations with metering and monitoring. Option B:

- confirms that the proper equipment/systems were installed and that they have the potential to generate the predicted savings
- determines an energy (and cost) savings value using measured data taken as needed throughout the M&V term.

Methods employed in this option will involve the use of short or long-term measurement of one or more variables. Reference: NEMVP Version 1.0

Table 2.2.2: Option B Measures

ECM #	Facility Improvement Measure	M&V Option
ECM 4.1	Energy Management System - Temperature Setback	B
ECM 4.2	Energy Management System - Demand Controlled Ventilation	B
ECM 4.3	Energy Management System - Optimal Start	B

ECM 4.1 – Energy Management System - Temperature Setback
M&V Option: NEMVP-B (continuous)

Measurement Boundary: Retrofit isolation – Project savings will be determined within the measurement boundary that encompasses only the spaces temperatures affected by the energy project.

Measured Parameter: Continuous measurement of space temperature, temperature set point, and outdoor air temperature

Interaction: with Optimal Start

Measuring Equipment: Energy Management System

Measuring Equipment Accuracy: ±3% of measurement range

Measuring Equipment Calibration: Not applicable.

Measurement Period: 15 minute samples

Measurement Frequency: Continuous measurement

Measurement and Verification Details:

Pre-Retrofit Activities: During the detailed audit on site it was documented that the interior unoccupied temperatures ranged from 65-70 degrees and occupied temperatures ranged from 72-75 degrees.

Post-Retrofit Activities: Energy Management system will continuously monitor post-retrofit space temperature, temperature set point and outside temperature. The date-time stamp will be included to differentiate occupied/unoccupied and summer/winter periods.

Formulas and assumptions in the DEA will be used to calculate the savings

ECM 4.2 – Energy Management System – Demand Controlled Ventilation
M&V Option: NEMVP-B (continuous)

Measurement Boundary: Retrofit isolation – Project savings will be determined within the measurement boundary that encompasses only the CO2 concentration and damper position affected by the energy project.

Measured Parameter: Continuous measurement of CO2 levels and outside air damper position

Interaction: thermal and electric ECMS

Measuring Equipment: Energy Management System

Measuring Equipment Accuracy: ±3% of measurement range

Measuring Equipment Calibration: Not applicable.

Measurement Period: 15 minute samples

Measurement Frequency: Continuous measurement

Measurement and Verification Details:

Pre-Installation Activities:
Document outside air dampers in open position during unoccupied periods.

Post-Installation Activities:
Energy management system will continuously monitor post-retrofit CO2 levels and outside air damper position. The date-time stamp will be included to differentiate occupied/unoccupied and summer/winter periods.

Formulas and assumptions in the DEA will be used to calculate the savings

ECM 4.3 – Energy Management System - Optimal Start
M&V Option: NEMVP-B (continuous)

Measurement Boundary: Retrofit isolation – Project savings will be determined within the measurement boundary that encompasses only the spaces temperatures and unit status affected by the energy project.

Measured Parameter: Continuous measurement of outdoor air temperature, space temperature and unit status.

Interaction: Temperature Setback

Measuring Equipment: Energy Management System

EXHIBIT 3: MEASURED PROJECT BENEFITS

Table 2.3 below defines and describes the ECMs included in this guarantee that comprise Measured Utility Cost Avoidance savings:

Table 2.3: Measured Project Benefits Summary

ECM #	PROPOSED MEASURES	Electricity Savings			Thermal		Total Savings
		kW	kWh/yr	$/yr	MMBtu/y	$/yr	$/yr
ECM 1	Lighting - Fixture Retrofit	181.4	465,459	$74,084	($581)	($5,218)	$68,866
ECM 2	Lighting - Fixture Control	0.0	32,891	$5,235	0	$0	$5,235
ECM 3	Lighting - Exterior Lighting	0.0	275,230	$35,565	0	$0	$35,565
ECM 4.1	Energy Management System - Temperature Setback	0.0	28,146	$3,479	13,919	$124,486	$127,965
ECM 4.2	Energy Management System - Demand Controlled Ventilation	0.0	17,183	$2,106	1,387	$11,696	$13,801
ECM 4.3	Energy Management System - Optimal Start	0.0	0	$0	2,675	$23,719	$23,719
ECM 5	Heating Distribution System - Pipe and Valve Insulation	0.0	0	$0	637	$5,705	$5,705
ECM 6	Boiler/DHW Heater/Furnace - Burner Controllers	0.0	0	$0	1,116	$9,998	$9,998
ECM 7	Building Envelope Improvements - Roof Replacements	0.0	0	$0	1,434	$13,660	$13,660
ECM 8	Air Handling Unit Upgrade - VFD on Fans	0.0	5,691	$741	0	$0	$741
ECM 9	Computers - Power Management	0.0	155,033	$19,616	0	$0	$19,616
ECM 10	Vending Machine Controllers	0.0	14,260	$1,802	0	$0	$1,802
ECM 11	Renewable Energy- Photovoltaic Electric Generation	0.0	1,262,268	$157,437	0	$0	$157,437
ECM 12	Plug Load Controllers	0.0	235,664	$30,670	0	$0	$30,670
ECM 13	Unit Ventilators - Refurbishment / Replacement	0.0	0	$0	522	$4,352	$4,352
ECM 14	Air Conditioning Compressor Controllers	0.0	7,108	$909	0	$0	$909
ECM 15	Refrigeration Compressor Controllers	0.0	6,974	$876	0	$0	$876
	TOTALS	**181**	**2,505,908**	**$332,520**	**21,110**	**$188,397**	**$520,917**

EXHIBIT 4: OPERATIONAL & MAINTENANCE (O&M) & REBATE PROJECT BENEFITS

Operational and Maintenance Cost Avoidance:

Lighting Operation & Maintenance Cost Avoidance: $ 55,493 – Avoided cost for lamps and ballasts

Total O&M Cost Avoidance: $ 55,493

The O & M savings are based on the scope of work as well as discussions with the customer. Customer agrees that the O&M Project Benefits are reasonable and supportable and that the installation of the Improvement Measures will enable Customer to take actions that will result in the achievement of such O&M Project Benefits.

Energy Rebates/Incentives:

Rebates: $265,000

Total Rebates: $ 265,000

JCI will apply for utility company rebate programs at the time of application. All rebates and incentives shall inure to the benefit of Customer. All rebates and/or incentives shall be payable to Customer.

EXHIBIT 5: CHANGES IN USE OR CONDITION

ADJUSTMENT TO BASELINE AND/OR ANNUAL PROJECT BENEFITS

Customer agrees to notify JCI, within fourteen (14) days, of (i) any material change, whether before or during the Guarantee Term, in the use of any facility, equipment, or Improvement Measure to which this Schedule applies; (ii) any proposed or actual material expansions or additions to the premises or any building or facility at the premises; (iii) a change to utility services to all or any portion of the premises; or (iv) any other change or condition arising before or during the Guarantee Term that reasonably could be expected to have a material change in the amount of Project Benefits realized under this Agreement.

Such a change, expansion, addition, or condition would include, but is not limited to: (a) material changes in the primary use of any facility, Improvement Measure, or portion of the premises; (b) material changes to the hours of operation of any facility, Improvement Measure, or portion of the premises; (c) material changes or modifications to the Improvement Measures or any related equipment; (d) material changes to the M&V Services provided under this Agreement; (e) failure of any portion of the premises to meet building codes; (f) material changes in utility suppliers, utility rates, method of utility billing, or method of utility purchasing; (g) material failure to provide sufficient or proper maintenance or sound usage of the Improvement Measures or any related equipment at any facility or portion of the premises (other than by JCI); (h) material changes to the Improvement Measures or any related equipment or to any facility or portion of the premises required by building codes or any governmental or quasi-governmental entity; or (i) material additions or deletions of Improvement Measures or any related equipment at any facility or portion of the premises.

Such a change or condition need not be identified in the Baseline in order to permit JCI to propose an adjustment to the Baseline and/or the Annual Project Benefits, subject to mutual agreement of the parties. If JCI: (1) does not receive the notice within the time period specified above and JCI notifies the Customer of a suspected material change, expansion, addition or condition that may require an adjustment to the baseline; and (2) is required to travel to either Customer's location or the project site to determine the nature and scope of such changes because Customer did not respond to the notification within ten (10) business days; and (3) there is a material change as set forth above that warrants an equitable adjustment to the Baseline and/or Annual Project Benefits, Customer agrees to pay JCI, in addition to any other amounts due under this Agreement, the applicable hourly consulting rate for the time it took to determine the changes and to make any adjustments and/or corrections to the project as a result of the changes, plus all reasonable and documented out-of pocket expenses, including travel costs. Upon receipt of such notice, or if JCI independently learns of any such change or condition, JCI shall calculate and send to Customer a notice of adjustment to the Baseline and/or Annual Project Benefits to reflect the impact of such change or condition, and the adjustment shall become effective as of the date the change or condition first arose, only if there has been the mutual agreement of the parties. Should Customer fail to promptly provide JCI with notice of any such change or condition, JCI may make reasonable estimates as to the impact of such change or condition and as to the date on which such change or condition first arose in calculating the impact of such change or condition, and propose a change to the Baseline and/or Annual Project.

EXHIBIT 6: BASELINE CALCUALTIONS AND UTILITY RATES

The unit utility costs for the Baseline period are set forth below as "Base Utility Cost" and shall be used for all calculations made under this Schedule. The basis for the determination of the contracted utility escalation rate is the fact that the US Federal Banking system has a stated goal of maintain the consumer price escalation rate at a nominal 2.0% and that historically utilities have escalated at a greater rate than general inflation. Refer to http://www.federalreserve.gov/faqs/economy_14400.htm for a copy of the US Fed stated goal for general inflation. The Base Utility Cost shall be escalated annually by the actual utility cost escalation but such escalation shall be no less than the mutually agreed "floor" escalation rate of three percent (2%). The Base Utility Cost for each type of utility represents the 12 month average utility costs from July 2015 to June 2016.

Table 2.6.1: Baseline Electrical Consumption Data & Rates

Name	Electric Usage and Cost					
	Demand kW	Avg kW Cost	Electric Usage kWh	Usage kWh Cost	Unblended $/kWh	Total Electric Cost
Lindenhurst High School	407	$10.80	1,595,100	$190,507	$0.12	$243,240
Lindenhurst Middle School	313	$11.04	849,640	$110,687	$0.13	$152,103
Albany Avenue Elementary School	66	$10.58	236,160	$30,292	$0.13	$38,661
Alleghany Avenue Elementary School	63	$10.58	190,560	$24,761	$0.13	$32,756
Daniel Street Elementary School	73	$11.48	248,640	$32,056	$0.13	$42,177
Harding Avenue Elementary School	50	$11.46	167,120	$21,320	$0.13	$28,209
Kellum Street School	109	$13.27	282,720	$38,969	$0.14	$56,250
William Rall Elementary School	81	$11.47	245,840	$31,220	$0.13	$42,363
West Gates Avenue Elementary School	50	$10.60	157,680	$20,354	$0.13	$26,736
Margaret A. McKenna Administration	93	$10.62	302,080	$38,983	$0.13	$50,867
	1,305	**$11.19**	**4,275,540**	**$539,150**	**$0.13**	**$713,362**

The above rates shown in Table 2.6.1will be known as **Floor Electrical Rates**, for the purpose of the Assured Performance Guarantee. The annual calculated electric rates are expected to increase every year. In the event that the annual rates are lower than the above baseline rates, the 2% escalated floor rates will be substituted for the annual calculated rate.

The Electric Rates will be averaged over the course of the one-year baseline period, as provided by customer. In turn, the Incremental Electric Rate (IER), and the Demand Rate (DR) will be averaged annually over the course of the reporting periods, as reflected on utility invoices, for equitable cost avoidance savings reporting.

The following formula will be used to calculate the current reporting period Incremental Energy Rate (IER):

FORMULA B-2

$$IER = \Sigma TKC_{1\text{-}12} \div \Sigma TKWH_{1\text{-}12}$$

Where:

IER: Incremental Electrical Rate (Dollars per kWh)

$\Sigma TKC_{1\text{-}12}$: Sum Total of Monthly Electrical Utility Costs (Dollars) for kWh included Fuel Adjustment Cost and other related Energy Charges for Months 1 Through 12 of the current reporting period.

$\Sigma TKWH_{1-12}$: Sum Total of Monthly Electrical Incremental Use (kWh) for Months 1 Through 12 of the current reporting period.

The following formula will be used to calculate the current reporting period Incremental Demand Rate (DR):

FORMULA B-3

$DR = \Sigma TKC_{1-12} \div \Sigma TKWH_{1-12}$

Where:
DR: Demand Electrical Rate (Dollars per kW)
ΣTKC_{1-12}: Sum Total of Monthly Electrical Utility Costs (Dollars) for kW included Fuel Adjustment Cost and other related Energy Charges for Months 1 Through 12 of the current reporting period.
ΣTKW_{1-12}: Sum Total of Monthly Electrical Demand Use (kW) for Months 1 Through 12 of the current reporting period.

Table 2.6.2: Baseline Gas Consumption Data & Rates

Name	Nat Gas Usage and Cost		
	Gas Usage Therms	Gas Cost	Cost per Therm
Lindenhurst High School	104,087	$54,429	$0.52
Lindenhurst Middle School	79,940	$32,708	$0.41
Albany Avenue Elementary School	25,924	$13,548	$0.52
Alleghany Avenue Elementary School	29,804	$14,296	$0.48
Daniel Street Elementary School	32,643	$15,350	$0.47
Harding Avenue Elementary School	25,264	$20,530	$0.81
Kellum Street School	35,674	$16,091	$0.45
William Rall Elementary School	16,672	$10,071	$0.60
West Gates Avenue Elementary School	21,036	$13,639	$0.65
Margaret A. McKenna Administration	18,587	$8,824	$0.47
	389,631	**$199,486**	**$0.51**

The above rates shown above in Table 2.6.2 will be known as **Floor Natural Gas Rates**, for the purpose of the Assured Performance Guarantee. The annual calculated natural gas rates are expected to increase every year. In the event that the annual rates are lower than the above baseline rates, the 2% escalated floor rates will be substituted for the annual calculated rate.

The natural gas unit costs have been averaged over the course of the one-year period. In turn, unit costs will be averaged over the course of the reporting period, as reflected on utility invoices, for equitable cost avoidance savings reporting.

The following formulas will be used to calculate the current reporting period Fuel Rate(s) for Natural Gas:

FORMULA G-1

$$NGR = \Sigma TGC_{1\text{-}12} \div \Sigma TGU_{1\text{-}12}$$

Where:

NGR: Natural Gas Rate ($/Therm)

$\Sigma TGC_{1\text{-}12}$: Sum Total of Monthly Gas Costs ($)

$\Sigma TGU_{1\text{-}12}$: Sum Total of Monthly Gas Purchased (Therms) for Months 1 Through 12 of the reporting period.

Table 2.6.3: Baseline Fuel Oil Consumption Data & Rates

Name	Oil Usage and Cost		
	Oil Usage Gallons	Oil Cost	Cost per Gallon
Lindenhurst High School	28,031	$32,990	$1.18
Lindenhurst Middle School	0	$0	
Albany Avenue Elementary School	0	$0	
Alleghany Avenue Elementary School	0	$0	
Daniel Street Elementary School	0	$0	
Harding Avenue Elementary School	0	$0	
Kellum Street School	0	$0	
William Rall Elementary School	0	$0	
West Gates Avenue Elementary School	808	$995	$1.23
Margaret A. McKenna Administration	0	$0	
	28,839	**$33,984**	**$1.18**

The above rates shown above in Table 2.6.3 will be known as the **Floor Fuel Oil Rates** for the purpose of this Assured Performance Guarantee. The annual calculated FOR shall never go below the floor rate(s). In the event that they do, the 2% escalated floor rates will be substituted for the annual calculated rate.

The Fuel Oil unit costs have been averaged over the course of the one-year period. In turn, unit costs will be averaged over the course of the reporting period, as reflected on utility invoices, for equitable cost avoidance savings reporting.

The following formulas will be used to calculate the current reporting period Fuel Rate(s) for Fuel Oil:

FORMULA O-1

$$FOR = \Sigma TGC_{1\text{-}12} \div \Sigma TGU_{1\text{-}12}$$

Where:

FOR: Fuel Oil Rate ($/Gallon)

$\Sigma TGC_{1\text{-}12}$: Sum Total of Monthly Oil Costs ($)

$\Sigma TGU_{1\text{-}12}$: Sum Total of Monthly Oil Purchased (Gallons) for Mos. 1 – 12 of the reporting period

Energy Conversion Conventions

For purposes of this Guarantee the follow fuel conversions will apply:

1 CCF (100 cubic feet) of Natural Gas = 103,000 Btus (British Thermal Units)
1 Therm of Natural Gas = 100,000 Btus
1 MMBtu of Natural Gas = 1,000,000 Btus
1 Decatherm of Natural Gas = 1,000,000 Btus
1 Gallon of Fuel Oil = 139,000 Btus

EXHIBIT 7: PRIMARY OPERATIONS SCHEDULE PRE & POST RETROFIT

District Wide Pre and Post Operation Schedule:

Building	Number of Occupied Hours Between		
	Midnight - 8 AM	8 AM - 4 PM	4 PM - Midnight
Lindenhurst High School	2	8	2
Lindenhurst Middle School	2	8	2
Albany Avenue Elementary School	2	8	0
Alleghany Avenue Elementary School	2	8	0
Daniel Street Elementary School	2	8	0
Harding Avenue Elementary School	2	8	0
Kellum Street School	2	8	1
William Rall Elementary School	2	8	0
West Gates Elementary School	2	8	0
Margaret A. McKenna Administration Building	2	8	1

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Lindenhurst High School	Occupied	Occupied	Occupied	Occupied	Occupied	Unoccupied	Unoccupied
Lindenhurst Middle School	Occupied	Occupied	Occupied	Occupied	Occupied	Unoccupied	Unoccupied
Albany Avenue Elementary School	Occupied	Occupied	Occupied	Occupied	Occupied	Unoccupied	Unoccupied
Alleghany Avenue Elementary School	Occupied	Occupied	Occupied	Occupied	Occupied	Unoccupied	Unoccupied
Daniel Street Elementary School	Occupied	Occupied	Occupied	Occupied	Occupied	Unoccupied	Unoccupied
Harding Avenue Elementary School	Occupied	Occupied	Occupied	Occupied	Occupied	Unoccupied	Unoccupied
Kellum Street School	Occupied	Occupied	Occupied	Occupied	Occupied	Unoccupied	Unoccupied
William Rall Elementary School	Occupied	Occupied	Occupied	Occupied	Occupied	Unoccupied	Unoccupied
West Gates Elementary School	Occupied	Occupied	Occupied	Occupied	Occupied	Unoccupied	Unoccupied
Margaret A. McKenna Administration Building	Occupied	Occupied	Occupied	Occupied	Occupied	Unoccupied	Unoccupied

Building	Summer Setpoint			
	Existing Occupied	Existing Unoccupied	Proposed Occupied	Proposed Unoccupied
Lindenhurst High School	70	74	72	78
Lindenhurst Middle School	70	74	72	78
Albany Avenue Elementary School	70	74	72	78
Alleghany Avenue Elementary School	70	74	72	78
Daniel Street Elementary School	70	74	72	78
Harding Avenue Elementary School	70	74	72	78
Kellum Street School	70	74	72	78
William Rall Elementary School	70	74	72	78
West Gates Elementary School	70	74	72	78
Margaret A. McKenna Administration Building	70	74	72	78

Building	Winter Set Point			
	Existing Occupied	Existing Unoccupied	Proposed Occupied	Proposed Unoccupied
Lindenhurst High School	72	69	68	55
Lindenhurst Middle School	73	67	68	55
Albany Avenue Elementary School	72	65	68	55
Alleghany Avenue Elementary School	74	69	68	55
Daniel Street Elementary School	72	67	68	55
Harding Avenue Elementary School	72	67	68	55
Kellum Street School	75	70	68	55
William Rall Elementary School	72	65	68	55
West Gates Elementary School	72	67	68	55
Margaret A. McKenna Administration Building	72	65	68	55

EXHIBIT 8: MEASUREMENT & VERIFICATION SERVICES

JCI will provide the M&V Services set forth below in connection with the Assured Performance Guarantee.

1. During the Installation Period, a JCI Performance Assurance Specialist will track Measured Project Benefits. JCI will report the Measured Project Benefits achieved during the Installation Period, to Customer within 60 days of the commencement of the Guarantee Term.

2. Within 60 days of each anniversary of the commencement of the Guarantee Term, JCI will provide Customer with an annual report containing:

    A. an executive overview of the project's performance and Project Benefits achieved to date;

    B. a summary analysis of the Measured Project Benefits accounting; and

    C. depending on the M&V Option, a detailed analysis of the Measured Project Benefits calculations.

3. During the Guarantee Term, a JCI Performance Assurance Specialist will monitor the on-going performance of the Improvement Measures, as specified in this Agreement, to determine whether anticipated Measured Project Benefits are being achieved. In this regard, the Performance Assurance Specialist will periodically assist Customer, on-site or remotely, with respect to the following activities:

    A. review of information furnished by Customer from the facility management system to confirm that control strategies are in place and functioning;

    B. advise Customer's designated personnel of any performance deficiencies based on such information;

    C. coordinate with Customer's designated personnel to address any performance deficiencies that affect the realization of Measured Project Benefits; and

    D. inform Customer of opportunities to further enhance project performance and of opportunities for the implementation of additional Improvement Measures.

4. For specified Improvement Measures utilizing an "Option A" M&V protocol, JCI will:

    A. conduct pre and post installation measurements required under this Agreement;

    B. confirm the building management system employs the control strategies and set points specified in this Agreement; and

    C. analyze actual as-built information and adjust the Baseline and/or Measured Project Benefits to conform to actual installation conditions (e.g., final lighting and water benefits calculations will be determined from the as-built information to reflect the actual mix of retrofits encountered during installation).

5. For specified Improvement Measures utilizing an "Option B" M&V protocol, JCI will:

    A. confirm that the appropriate metering and data points required to track the variables associated with the applicable Improvement Measures' benefits calculation formulas are established; and

    B. set up appropriate data capture systems (e.g., trend and totalization data on the facility management system) necessary to track and report Measured Project Benefits for the applicable Improvement Measure.

    C. Trend data records maintained in the ordinary course of system operation shall be used and relied upon by Johnson Controls in connection with Project Benefit calculations. Johnson Controls will use commercially reasonable efforts to ensure the integrity of the data collected to calculate the required metrics. In the event data are lost due to equipment failure, power failure or other interruption in data collection, transmission or storage, Johnson Controls will use reasonable engineering methods to estimate or replace the lost data.

CUSTOMER RESPONSIBILITIES

In order for JCI to perform its obligations under this Agreement with respect to the Work, the Assured Performance Guarantee, and the M&V Services, Customer shall be responsible for:

1. Providing JCI, its subcontractors, and its agents reasonable and safe access to all facilities and properties that are subject to the Work and/or M&V Services;

2. Providing for shut down and scheduling of affected locations during installation, including timely shutdowns of chilled water and hot water systems as needed to accomplish the Work and/or M&V Services;

3. Providing timely reviews and approvals of design submissions, proposed change orders, and other project documents;

4. Providing the following information with respect to the project and project site as soon as practicable following JCI's request:

    a. surveys describing the property, boundaries, topography and reference points for use during construction, including existing service and utility lines;
    b. geotechnical studies describing subsurface conditions, and other surveys describing other latent or concealed physical conditions at the project site;
    c. temporary and permanent easements, zoning and other requirements and encumbrances affecting land use, or necessary to permit the proper design and construction of the project and enable JCI to perform the Work;
    d. a legal description of the project site;
    e. as-built and record drawings of any existing structures at the project site; and
    f. environmental studies, reports and impact statement describing the environmental conditions, including hazardous conditions or materials, in existence at the project site.

5. Securing and executing all necessary agreements with adjacent land or property owners that are necessary to enable JCI to perform the Work;

6. Providing assistance to JCI in obtaining any permits, approvals, and licenses that are JCI's responsibility to obtain as set forth in Schedule 1;

7. Obtaining any permits, approvals, and licenses that are necessary for the performance of the Work and are not JCI's responsibility to obtain as set forth in Schedule 1;

8. Properly maintaining, and performing appropriate preventative maintenance on, all equipment and building systems affecting the Assured Performance Guarantee in accordance with manufacturers' standards and specifications;

9. Providing the utility bills, reports, and similar information reasonably necessary for administering JCI's obligations under the Assured Performance Guarantee within five (5) days of Customer receipt and/or generation or JCI's request therefor;

10. Providing all records relating to energy and/or water usage and related maintenance of the premises and relevant equipment requested by JCI;

11. Providing and installing utility sub-meters on all new construction and/or additions built during the Guarantee Term as recommended by JCI or, alternatively, paying JCI's applicable fees for

calculating necessary adjustments to the Assured Performance Guarantee as a result of the new construction;

12. Providing and maintaining a dedicated telephone line and/or TCP/IP remote connection to facilitate remote monitoring of relevant equipment;

13. Promptly notifying JCI of any change in use or condition described in Section III of Schedule 2 or any other matter that may impact the Assured Performance Guarantee;

14. If any equipment that is being controlled under this contract is changed out, it is the responsibility of Customer to ensure any controls and controls programming is moved to the new equipment.

PRICE AND PAYMENT TERMS

Customer shall make payments to JCI pursuant to this Schedule 4.

1. Total Project Costs. The total cost of the Project, including payment for JCI and the Engineer is ***$10,615,795.***

Payments (including payment for materials delivered to JCI and work performed on and off-site) shall be made to JCI as follows:

First payment due: 30% down payment or $3,184,738 due upon SED approval, customer's securing of acceptable financing, and the issuance of the notice to proceed. Balance shall be invoiced monthly using AIA Invoice format.

Customer shall make payment to JCI against monthly invoices for work completed and approved in accordance with the agreed upon Schedule of Values. Payments will be made on a progress payment basis for work completed and accepted by the Customer and the Architect using the AIA format. JCI must attach certified payrolls to each application for payment, together with supporting documents as required by the Customer and Architect.

2. Payments for Architectural/Engineering Services. *JCI shall be responsible for making payments directly to the ECG Engineering, P.C. (ECG) as set forth herein. The total fee to be paid to the Architect is $600,894. JCI will make payments to ECG according to the following schedule:*

    a. *30% upon full execution of this Agreement;*

    b. *30% upon submittal of plans and specifications to the New York State Education Department;*

    c. *30% upon approval of plans and specifications by the New York State Education Department;*

    d. *10% upon final completion*

    Each of the payments shall be made to ECG within 30 days of receipt of the invoice for payment from ECG and in no event greater than 45 days from the date of receipt of the invoice. Invoices that have not been paid to ECG by JCI within 45 days of receipt of such invoice shall be subject to interest at the rate of 18% per annum.

3. *M&V Services. M&V Services for the project from the construction period through Year 3 are included at no additional cost. M&V Services will be performed based on the NEMVP Option A/B methodology as detailed in Schedule 2. The District can request additional years of M&V Service beyond Year 3 before the end of that report year. The price for continued M&V Services beyond year 3 is as follows:*

Year #	Price
4	$20,743
5	$21,365
6	$22,006
7	$22,667
8	$23,347
9	$24,047
10	$24,768
11	$25,511
12	$26,277
13	$27,065
14	$27,877
15	$28,713
16	$29,575
17	$30,462
18	$31,376

Attachment 1

NOTICE TO PROCEED

Johnson Controls, Inc.
6 Aerial Way
Syosset, New York

ATTN: Danny Haffel

Re: Notice to Proceed for LINDENHURST UNION FREE SCHOOL DISTRICT

Dear Mr. Haffel:

This Notice to Proceed is being issued by LINDENHURST UNION FREE SCHOOL DISTRICT ("Customer") to Johnson Controls, Inc. ("JCI") pursuant to that certain Performance Contract entered into between Customer and JCI for the purpose of notifying JCI to commence work under such contract. This Notice to Proceed shall not relieve JCI of its responsibility to perform any and all duties, tasks and/or obligations required by the Agreement, as may be amended, that may be required prior to commencement of the Work.

By signing and dating this Notice to Proceed, the parties hereto agree to these terms and represent and warrant they have the authority to execute this Notice to Proceed on behalf of their respective organizations.

LINDENHURST UNION FREE SCHOOL DISTRICT

Signature:_____

Printed Name:_____

Title:_____

Date:_____

ACKNOWLEDGED & AGREED TO:

JOHNSON CONTROLS, INC.

Signature:_____

Printed Name:_____

Title:_____

Date:_____

Attachment 2

CHANGE ORDER
AIA G701 Change Order Form to be used

Attachment 3

CERTIFICATE OF SUBSTANTIAL COMPLETION
AIA G704 Form to be used

Attachment 3

CERTIFICATE OF FINAL COMPLETION

PARTIES: JOHNSON CONTROLS, INC. ("JCI")
6 AERIAL WAY
SYOSSET, NEWYORK11791

LINDENHURST UNION FREE SCHOOL DISTRICT ("CUSTOMER")
MCKENNA ADMININSTRATION BUILDING
350 DANIEL ST
LINDENHURST, NY 11757

PROJECT: LINDENHURST UNION FREE SCHOOL DISTRICT ; Performance Contract dated _____ __, 20__ between JCI and Customer

By executing this Certificate of Final Completion, Customer acknowledges the following:

a. The work set forth in the Performance Contract has been reviewed and determined by Customer to be fully complete.

b. Customer accepts the work as complete and hereby releases JCI's obligations under any performance and payment bonds posted for the project as of the date set forth below.

The Work performed under this performance contract has been reviewed and found to be complete. The date of final completion of the Project designated above is hereby established as _____. In accordance with the Agreement documents, based upon on-site observations and all data submitted in connection with the Project, the Architect certifies to Customer that to the best of the Architect's knowledge, information and belief, the Work has progressed as indicated, the quality of the Work is in accordance with the Agreement documents, and JCI is entitled to payment in accordance with the Agreement documents.

Amount Certified: _____

ECG Engineering LLC.

By: _____ Date: _____

Printed Name: _____

Dated , 20 .

LINDENHURST UNION FREE SCHOOL DISTRICT

Signature:_____

Printed Name:_____

Title:_____

JOHNSON CONTROLS, INC.

Signature:_____

Printed Name:_____

Title:_____

Attachment 3

Facility	Lindenhurst School District
Location	Lindenhurst, NY

Avg. Elec. Rate (Kwh) =	$ 0.130	*estimated*
Avg. Demand Rate (KW) =	$ 10.00	*for 9.5 Months*
Utility =	PSEG Long Island	

E=Existing P=Proposed

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst High School	2	2	Corridor P - 700	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	19	19	38	25	100%	25	0%	0	3,680	3,680	-	-	909	0.2
Lindenhurst High School	3	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	4	2	Stairwell - 701	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,680	3,680	-	-	48	0.0
Lindenhurst High School	5	2	Hall Display Case	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	2,820	2,820	-	-	24	0.0
Lindenhurst High School	6	2	Classroom 216B	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	7	2	Classroom 217	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	85	58	100%	58	0%	0	1,810	1,810	-	-	147	0.1
Lindenhurst High School	8	2	Storage in 217 - 217A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,000	1,000	-	-	26	0.0
Lindenhurst High School	9	2	Classroom 216A	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	10	2	Classroom 215	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	2	2	64	44	100%	44	0%	0	1,810	1,810	-	-	74	0.0
Lindenhurst High School	11	2	Classroom 215	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	85	58	100%	58	0%	0	1,810	1,810	-	-	98	0.1
Lindenhurst High School	12	2	Storage in 215 - 215A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Lindenhurst High School	13	2	Classroom 218	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	14	2	Classroom 219	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	15	2	Classroom 214	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	16	2	Classroom 220	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	17	2	Classroom 213	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	18	2	Classroom 221	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	19	2	Classroom 212 B	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	2	2	64	44	100%	44	0%	0	1,810	1,810	-	-	74	0.0
Lindenhurst High School	20	2	Classroom 212 B	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,810	1,810	-	-	13	0.0
Lindenhurst High School	21	2	Girls' Restroom - 702	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	3,540	3,540	-	-	50	0.0
Lindenhurst High School	22	2	Custodian Closet - 703	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst High School	23	2	Boys' Restroom - 704	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	3,540	3,540	-	-	50	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst High School	24	2	Storage - 705	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	1,000	1,000	-	-	14	0.0
Lindenhurst High School	25	2	Storage - 706	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst High School	26	2	Stairwell - 707	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	38	25	100%	25	0%	0	3,680	3,680	-	-	191	0.1
Lindenhurst High School	27	2	Storage 212A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	38	25	100%	25	0%	0	1,000	1,000	-	-	52	0.1
Lindenhurst High School	28	2	Elevator - 708	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	8,760	8,760	-	-	149	0.0
Lindenhurst High School	29	2	Classroom 212	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	30	2	Classroom 212	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst High School	31	2	Storage 212-211 - 709	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	4	4	43	29	100%	29	0%	0	1,000	1,000	-	-	56	0.1
Lindenhurst High School	32	2	Corridor M - 710	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	29	29	38	25	100%	25	0%	0	3,680	3,680	-	-	1,387	0.4
Lindenhurst High School	33	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	3	3	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	34	2	Hall Display Case	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	3	3	21	13	100%	13	0%	0	2,820	2,820	-	-	72	0.0
Lindenhurst High School	35	2	Hall Display Case	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	3	3	21	13	100%	13	0%	0	2,820	2,820	-	-	72	0.0
Lindenhurst High School	36	2	Classroom 211	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	37	2	Classroom 211	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst High School	38	2	Classroom 222	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	39	2	Classroom 222	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst High School	40	2	Storage in 222 - 222A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Lindenhurst High School	41	2	Classroom 210	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	42	2	Classroom 210	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst High School	43	2	Classroom 223	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Lindenhurst High School	44	2	Classroom 223	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	85	58	100%	58	0%	0	1,810	1,810	-	-	147	0.1
Lindenhurst High School	45	2	Office in 223 - 223A	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	4	4	43	29	100%	29	0%	0	2,790	2,790	-	-	156	0.1
Lindenhurst High School	46	2	Office in 223 - 223B	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	4	4	43	29	100%	29	0%	0	2,790	2,790	-	-	156	0.1
Lindenhurst High School	47	2	Classroom 209	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst High School	48	2	Classroom 209	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	85	58	100%	58	0%	0	1,810	1,810	-	-	147	0.1
Lindenhurst High School	49	2	Classroom 224	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Lindenhurst High School	50	2	Classroom 224	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	85	58	100%	58	0%	0	1,810	1,810	-	-	147	0.1
Lindenhurst High School	51	2	Stairwell - 711	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,680	3,680	-	-	144	0.0
Lindenhurst High School	52	2	Classroom 208	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	6	6	43	29	100%	29	0%	0	1,810	1,810	-	-	152	0.1
Lindenhurst High School	53	2	Server in Library - 712	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	2	2	60	37	100%	37	0%	0	1,000	1,000	-	-	46	0.0
Lindenhurst High School	54	2	Mrs. Lacker - 713	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	2	2	60	37	100%	37	0%	0	2,790	2,790	-	-	128	0.0
Lindenhurst High School	55	2	Library - 714	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	51	51	85	58	100%	58	0%	0	1,990	1,990	-	-	2,740	1.4
Lindenhurst High School	56	2	Library - 714	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	7	7	43	29	100%	29	0%	0	1,990	1,990	-	-	195	0.1
Lindenhurst High School	57	2	Library - 714	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	1,990	1,990	-	-	56	0.0
Lindenhurst High School	58	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	4	4	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	59	2	Magazine Room - 715	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	5	5	60	37	100%	37	0%	0	1,990	1,990	-	-	229	0.1
Lindenhurst High School	60	2	Tech Booth - 716	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	1,000	1,000	-	-	10	0.0
Lindenhurst High School	61	2	Fan Room - 717	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	4	4	15	10	100%	10	0%	0	1,000	1,000	-	-	20	0.0
Lindenhurst High School	62	2	Library Office - 718	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	3	3	60	37	100%	37	0%	0	2,790	2,790	-	-	193	0.1
Lindenhurst High School	63	2	Computer Room 205	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	9	9	60	37	100%	37	0%	0	1,810	1,810	-	-	375	0.2
Lindenhurst High School	64	2	Stairwell by Magazine - 719	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,680	3,680	-	-	96	0.0
Lindenhurst High School	65	2	Miller's Office - 720	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	2	2	60	37	100%	37	0%	0	2,790	2,790	-	-	128	0.0
Lindenhurst High School	66	2	Library - 714	Compact Fluorescent, quad, (2) 13W lamp	2-8W LED PL Lamp (G24 Base)	14	14	30	16	100%	16	0%	0	1,990	1,990	-	-	390	0.2
Lindenhurst High School	67	2	Side Library - 721	Compact Fluorescent, quad, (2) 13W lamp	2-8W LED PL Lamp (G24 Base)	8	8	30	16	100%	16	0%	0	1,990	1,990	-	-	223	0.1
Lindenhurst High School	68	2	Side Library - 721	Compact Fluorescent, quad, (2) 13W lamp	2-8W LED PL Lamp (G24 Base)	8	8	30	16	100%	16	0%	0	1,990	1,990	-	-	223	0.1
Lindenhurst High School	69	2	Side Library - 721	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	10	10	85	58	100%	58	0%	0	1,990	1,990	-	-	537	0.3
Lindenhurst High School	70	2	Side Library - 721	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	85	58	100%	58	0%	0	1,990	1,990	-	-	107	0.1
Lindenhurst High School	71	2	Side Library - 721	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	1,990	1,990	-	-	56	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst High School	72	2	Side Library - 721	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	1,990	1,990	-	-	56	0.0
Lindenhurst High School	73	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	74	2	Stairs - 722	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	3	3	60	37	100%	37	0%	0	3,680	3,680	-	-	254	0.1
Lindenhurst High School	75	2	Women's Restroom - 723	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	3,540	3,540	-	-	25	0.0
Lindenhurst High School	76	2	Classroom 236	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	6	6	85	58	100%	58	0%	0	1,810	1,810	-	-	293	0.2
Lindenhurst High School	77	2	Classroom 236	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	0	0	43	29	100%	29	0%	0	1,810	1,810	-	-	-	-
Lindenhurst High School	78	2	Storage in 236 - 236A	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst High School	79	2	Faculty 255	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	2,790	2,790	-	-	343	0.1
Lindenhurst High School	80	2	Faculty Office 255A	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	2,790	2,790	-	-	78	0.0
Lindenhurst High School	81	2	Faculty Office 255B	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	2,790	2,790	-	-	24	0.0
Lindenhurst High School	82	2	Restroom - 255C	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	3,540	3,540	-	-	25	0.0
Lindenhurst High School	83	2	Classroom 254	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Lindenhurst High School	84	2	Classroom 254	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	85	58	100%	58	0%	0	1,810	1,810	-	-	147	0.1
Lindenhurst High School	85	2	Storage in 254 - 254A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Lindenhurst High School	86	2	Classroom 237	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Lindenhurst High School	87	2	Classroom 237	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	85	58	100%	58	0%	0	1,810	1,810	-	-	147	0.1
Lindenhurst High School	88	2	Storage in 237 - 237A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Lindenhurst High School	89	2	Classroom 238	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Lindenhurst High School	90	2	Classroom 238	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	85	58	100%	58	0%	0	1,810	1,810	-	-	147	0.1
Lindenhurst High School	91	2	Storage in 238 - 238A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Lindenhurst High School	92	2	Classroom 253	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	12	12	60	37	100%	37	0%	0	1,810	1,810	-	-	500	0.3
Lindenhurst High School	93	2	Stairwell - 724	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,680	3,680	-	-	144	0.0
Lindenhurst High School	94	2	Classroom 252	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	0	0	60	37	100%	37	0%	0	1,810	1,810	-	-	-	-
Lindenhurst High School	95	2	Classroom 252	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,810	1,810	-	-	24	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst High School	96	2	Classroom 252	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	85	58	100%	58	0%	0	1,810	1,810	-	-	147	0.1
Lindenhurst High School	97	2	Hall in 251	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	85	58	100%	58	0%	0	3,680	3,680	-	-	99	0.0
Lindenhurst High School	98	2	Classroom 251 A	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst High School	99	2	Classroom 251 B	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Lindenhurst High School	100	2	Classroom 251 C	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst High School	101	2	Corridor N - 725	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	19	19	38	25	100%	25	0%	0	3,680	3,680	-	-	909	0.2
Lindenhurst High School	102	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	103	2	Classroom 250	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	104	2	Storage 239A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	4	4	15	10	100%	10	0%	0	1,000	1,000	-	-	20	0.0
Lindenhurst High School	105	2	Classroom 249A	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	3	3	60	37	100%	37	0%	0	1,810	1,810	-	-	125	0.1
Lindenhurst High School	106	2	Classroom 249A	NEW 1'x12' 3L WIDE BASE WRAP - High Power	Relamp only to THREE low wattage, 4' LED tubes on existing HBF, electronic ballast Tandem Wired	1	1	93	56	100%	56	0%	0	1,810	1,810	-	-	68	0.0
Lindenhurst High School	107	2	Custodian Closet - 726	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst High School	108	2	Storage - 727	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst High School	109	2	Classroom 239	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	2	2	64	44	100%	44	0%	0	1,810	1,810	-	-	74	0.0
Lindenhurst High School	109	2	Classroom 239	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	85	58	100%	58	0%	0	1,810	1,810	-	-	49	0.0
Lindenhurst High School	110	2	Classroom 249	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	5	5	64	44	100%	44	0%	0	1,810	1,810	-	-	186	0.1
Lindenhurst High School	111	2	Classroom 240	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	112	2	Classroom 248	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	113	2	Classroom 241	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	114	2	Classroom 247	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	115	2	Classroom 242	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	116	2	Classroom 246	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	117	2	Classroom 243	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	118	2	Classroom 245	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	85	58	100%	58	0%	0	1,810	1,810	-	-	147	0.1

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst High School	119	2	Storage in 245 - 245A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,000	1,000	-	-	26	0.0
Lindenhurst High School	120	2	Classroom 244	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	121	2	Stairwell - 728	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,680	3,680	-	-	48	0.0
Lindenhurst High School	123	2	Hall Display Case	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	4	4	21	13	100%	13	0%	0	2,820	2,820	-	-	96	0.0
Lindenhurst High School	124	2	Corridor O - 729	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	19	19	38	25	100%	25	0%	0	3,680	3,680	-	-	909	0.2
Lindenhurst High School	125	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	126	2	Custodian Closet 357	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst High School	127	2	Storage - 730	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst High School	128	2	Chemical Storage Connected to 224 - 731	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	38	25	100%	25	0%	0	1,000	1,000	-	-	52	0.1
Lindenhurst High School	129	2	Boys' Restroom - 732	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	1,000	1,000	-	-	10	0.0
Lindenhurst High School	130	2	Girls' Restroom - 733	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	3,540	3,540	-	-	35	0.0
Lindenhurst High School	131	2	Office 225	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	85	58	100%	58	0%	0	2,790	2,790	-	-	151	0.1
Lindenhurst High School	132	2	Classroom 235	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	133	2	Classroom 226	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	134	2	Classroom 234	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	135	2	Classroom 227	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	136	2	Classroom 233	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	137	2	Classroom 228	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	138	2	Classroom 232	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	139	2	Classroom 229	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	140	2	Classroom 230	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	141	2	Classroom 231	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	85	58	100%	58	0%	0	1,810	1,810	-	-	147	0.1
Lindenhurst High School	142	2	Storage in 231 - 231A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,000	1,000	-	-	26	0.0
Lindenhurst High School	143	2	Stairwell - 734	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,680	3,680	-	-	48	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst High School	145	1	Corridor J - 735	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	21	21	38	25	100%	25	0%	0	3,680	3,680	-	-	1,005	0.3
Lindenhurst High School	146	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	147	1	Custodian Closet - 736	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst High School	148	1	Book Storage - 737	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	2,790	2,790	-	-	14	0.0
Lindenhurst High School	149	1	Storage S-3	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	1,000	1,000	-	-	14	0.0
Lindenhurst High School	150	1	Classroom 125	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	1,810	1,810	-	-	51	0.0
Lindenhurst High School	151	1	Men's Restroom - 738	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	4	4	21	13	100%	13	0%	0	3,540	3,540	-	-	120	0.0
Lindenhurst High School	152	1	Classroom 135	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	153	1	Classroom 126	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	154	1	Classroom 134	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	155	1	Classroom 127	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	156	1	Classroom 133	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	157	1	Classroom 128	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	158	1	Classroom 132	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	159	1	Classroom 129	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	160	1	Classroom 131	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	85	58	100%	58	0%	0	1,810	1,810	-	-	147	0.1
Lindenhurst High School	161	1	Storage in 131 - 131B	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	2	2	60	37	100%	37	0%	0	880	880	-	-	40	0.0
Lindenhurst High School	162	1	Mechanical in 131 - 131C	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst High School	163	1	Foyer in 131 - 131A	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	2	2	15	8	100%	8	0%	0	880	880	-	-	12	0.0
Lindenhurst High School	164	1	Classroom 130	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	166	1	Corridor F - 739	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	8	8	38	25	100%	25	0%	0	3,680	3,680	-	-	383	0.1
Lindenhurst High School	167	1	Corridor F - 739	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,680	3,680	-	-	144	0.0
Lindenhurst High School	168	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	169	1	Classroom 158	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst High School	170	1	Classroom 158	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst High School	171	1	Storage in 158 - 158A	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst High School	172	1	Classroom 159	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Lindenhurst High School	173	1	Classroom 159	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst High School	174	1	Storage in 159 - 159A	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	1,000	1,000	-	-	14	0.0
Lindenhurst High School	175	1	Classroom 160	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Lindenhurst High School	176	1	Classroom 160	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst High School	177	1	Storage in 160 - 160A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	1,000	1,000	-	-	10	0.0
Lindenhurst High School	178	1	Classroom 161	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Lindenhurst High School	179	1	Classroom 161	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst High School	180	1	Storage in 161 - 161B	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	1,000	1,000	-	-	17	0.0
Lindenhurst High School	181	1	Storage 161A	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Lindenhurst High School	182	1	Band Room 162	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	12	12	64	44	100%	44	0%	0	2,790	2,790	-	-	686	0.2
Lindenhurst High School	183	1	Foyer exit in 162 - 162A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,680	3,680	-	-	48	0.0
Lindenhurst High School	184	1	Marching Band Storage S1	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,000	1,000	-	-	26	0.0
Lindenhurst High School	185	1	Storage S2	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Lindenhurst High School	186	1	Storage S3	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,000	1,000	-	-	26	0.0
Lindenhurst High School	187	1	Office S4	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
Lindenhurst High School	188	1	Custodian Closet - 740	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst High School	189	1	Band Office - 741	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	2,790	2,790	-	-	78	0.0
Lindenhurst High School	190	1	Storage for Instruments in 162 - 162B	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	1,000	1,000	-	-	17	0.0
Lindenhurst High School	191	1	Band Room 163 - 163A	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	12	12	64	44	100%	44	0%	0	2,790	2,790	-	-	686	0.2
Lindenhurst High School	192	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	193	1	Storage in 163	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,000	1,000	-	-	26	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst High School	194	1	Restroom R1	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	3,540	3,540	-	-	35	0.0
Lindenhurst High School	195	1	Restroom R2	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	3,540	3,540	-	-	60	0.0
Lindenhurst High School	196	1	Corridor D &C - 742	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	21	21	38	25	100%	25	0%	0	3,680	3,680	-	-	1,005	0.3
Lindenhurst High School	197	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	198	1	Stage - 743	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	32	32	38	25	100%	25	0%	0	1,680	1,680	-	-	699	0.4
Lindenhurst High School	199	1	Storage by auditorium - 744	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst High School	200	1	Auditorium - 745	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	25	25	38	25	100%	25	0%	0	2,820	2,820	-	-	917	0.3
Lindenhurst High School	201	1	Auditorium - 745	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	50	50	38	25	100%	25	0%	0	2,820	2,820	-	-	1,833	0.7
Lindenhurst High School	202	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	5	5	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	203	1	Corridor E - 746	4L RLRB F17T8 - Low Power	Relamp only to FOUR 2' LED tubes on existing LBF, electronic ballast	26	26	53	40	100%	40	0%	0	3,680	3,680	-	-	1,244	0.3
Lindenhurst High School	204	1	Corridor E (3: 8-lamp) - 746	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	3,680	3,680	-	-	552	0.2
Lindenhurst High School	205	1	Corridor E (12: 10-lamp) - 746	Fluorescent, (2) 72", STD lamp, IS electronic ballast	30W LED T8 6' Tube 120° Beam	60	60	124	30	100%	30	0%	0	3,680	3,680	-	-	20,755	5.6
Lindenhurst High School	206	1	Corridor (4: 6-lamp) - 746	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	38	25	100%	25	0%	0	3,680	3,680	-	-	191	0.1
Lindenhurst High School	207	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	3	3	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	208	1	Hall Display Cases, Corridor E - 746	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	2,820	2,820	-	-	48	0.0
Lindenhurst High School	209	1	Hall Display Cases, Corridor E - 746	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	4	4	15	8	100%	8	0%	0	2,820	2,820	-	-	79	0.0
Lindenhurst High School	211	1	Hall between Main and Pool Building - 600	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,680	3,680	-	-	96	0.0
Lindenhurst High School	212	1	Room by entry - 601	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst High School	213	1	Hall Around Pool - 602	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	6	6	57	38	100%	38	0%	0	3,680	3,680	-	-	431	0.1
Lindenhurst High School	214	1	Ladies Storage - 603	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	1,000	1,000	-	-	39	0.0
Lindenhurst High School	215	1	Storage - 604	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	2	2	60	37	100%	37	0%	0	1,000	1,000	-	-	46	0.0
Lindenhurst High School	216	1	Pool - 605	NEW 2'x4' 6L T5HO VAPORTIGHT	139W LED Widebody Vaportight	14	14	351	139	100%	139	0%	0	520	520	-	-	1,543	3.0
Lindenhurst High School	217	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	3	3	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	218	1	Boys Locker Hall - 606	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,680	3,680	-	-	48	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst High School	219	1	Office - Boys - 607	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
Lindenhurst High School	220	1	Office - Boys Storage - 608	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst High School	221	1	Restroom in Office - 609	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst High School	222	1	Custodian Closet - 610	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst High School	223	1	Boys Locker Restroom - 611	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,540	3,540	-	-	46	0.0
Lindenhurst High School	224	1	Boys Locker Shower - 612	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,540	3,540	-	-	92	0.0
Lindenhurst High School	225	1	Hall in Boys Locker - 613	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	5	5	38	25	100%	25	0%	0	3,540	3,540	-	-	230	0.1
Lindenhurst High School	226	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	3	3	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	227	1	Boys Locker - 613A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,540	3,540	-	-	138	0.0
Lindenhurst High School	228	1	Storage - 614	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Lindenhurst High School	229	1	Chemical Storage Under Seats - 614A	Compact Fluorescent, (1) 42W lamp	18W LED A21 Bulb	5	5	42	18	100%	18	0%	0	1,000	1,000	-	-	120	0.1
Lindenhurst High School	230	1	Office - 615	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
Lindenhurst High School	231	1	Boiler/Mechanical - 616	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	38	25	100%	25	0%	0	2,400	2,400	-	-	187	0.1
Lindenhurst High School	232	1	Girls Locker Hall - 617	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,680	3,680	-	-	31	0.0
Lindenhurst High School	233	1	Office - Girls - 618	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	2,790	2,790	-	-	47	0.0
Lindenhurst High School	234	1	Restroom in Office - 619	Compact Fluorescent, quad, (2) 13W lamp	2-8W LED PL Lamp (G24 Base)	1	1	30	16	100%	16	0%	0	1,000	1,000	-	-	14	0.0
Lindenhurst High School	235	1	Custodian Closet - 620	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst High School	236	1	Girls Locker Restroom - 621	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,540	3,540	-	-	46	0.0
Lindenhurst High School	237	1	Girls Locker Shower - 622	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	6	6	21	13	100%	13	0%	0	3,540	3,540	-	-	181	0.1
Lindenhurst High School	238	1	Hall in Girls Locker - 623	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,540	3,540	-	-	46	0.0
Lindenhurst High School	239	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	240	1	Girls Locker - 624	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	6	6	21	13	100%	13	0%	0	3,540	3,540	-	-	181	0.1
Lindenhurst High School	241	1	Hall in Girls Locker - 623	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,540	3,540	-	-	30	0.0
Lindenhurst High School	242	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst High School	243	1	Storage - 625	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Lindenhurst High School	245	1	Gym Weight Room - 747	2L RLRB U6T8 - Low Power	Relamp only to TWO U-lamp LED tubes on existing NBF, electronic ballast	13	13	38	35	100%	35	0%	0	2,160	2,160	-	-	84	0.0
Lindenhurst High School	246	1	Custodian Closet - 748	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst High School	247	1	Storage in Weight Room - 749	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	1,000	1,000	-	-	14	0.0
Lindenhurst High School	248	1	Corridor E - 750	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	10	10	57	38	100%	38	0%	0	3,680	3,680	-	-	718	0.2
Lindenhurst High School	249	1	Gym - 751	NEW 2'x4' 4L T5HO HIGH BAY w/ LENS, WIREGUARD & Bi-Level Control	16,000 Lumen High Bay with Adaptable Controls with Wire Guard	23	23	234	121	80%	97	30%	36	3,540	1,416	1,062	1,062	15,013	3.2
Lindenhurst High School	251	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	6	6	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	252	1	Gym storage - 752	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	2	2	20	8	100%	8	0%	0	1,000	1,000	-	-	24	0.0
Lindenhurst High School	253	1	Storage 1 - 753	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,000	1,000	-	-	26	0.0
Lindenhurst High School	254	1	Storage 2 - 754	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,000	1,000	-	-	26	0.0
Lindenhurst High School	255	1	Office-Girls' Phys Ed Coach - 755	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	2	2	64	44	100%	44	0%	0	2,790	2,790	-	-	114	0.0
Lindenhurst High School	256	1	Restroom in Office - 756	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Lindenhurst High School	257	1	Storage in Office - 757	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	1,000	1,000	-	-	-	-
Lindenhurst High School	258	1	Hall to Gym - 758	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	3,540	3,540	-	-	18	0.0
Lindenhurst High School	259	1	Restroom in Locker - 759	2L RLRB F17T8 w/ 2'x2' REF - High Power	Relamp only to TWO 2' LED tubes on existing HBF, electronic ballast	1	1	41	29	100%	29	0%	0	3,540	3,540	-	-	42	0.0
Lindenhurst High School	260	1	Hall to exit by Restroom - 760	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	3,540	3,540	-	-	18	0.0
Lindenhurst High School	261	1	Girls' Locker - 761	2L RLRB F17T8 w/ 2'x2' REF - High Power	Relamp only to TWO 2' LED tubes on existing HBF, electronic ballast	30	30	41	29	100%	29	0%	0	3,540	3,540	-	-	1,274	0.4
Lindenhurst High School	262	1	Girls' Locker - 761	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	3,540	3,540	-	-	18	0.0
Lindenhurst High School	263	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	264	1	Locker Entry - 762	2L RLRB F17T8 w/ 2'x2' REF - High Power	Relamp only to TWO 2' LED tubes on existing HBF, electronic ballast	1	1	41	29	100%	29	0%	0	3,540	3,540	-	-	42	0.0
Lindenhurst High School	265	1	Shower - 763	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	3	3	15	10	100%	10	0%	0	3,540	3,540	-	-	53	0.0
Lindenhurst High School	266	1	Custodian Closet in Shower - 764	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst High School	267	1	Storage - 765	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst High School	268	1	Storage was shower - 766	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	6	6	15	10	100%	10	0%	0	1,000	1,000	-	-	30	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst High School	269	1	PE Coordinator - 767	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
Lindenhurst High School	270	1	Boys Locker Hall - 768	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	3	3	27	20	100%	20	0%	0	3,680	3,680	-	-	77	0.0
Lindenhurst High School	271	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	272	1	Storage - 769	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst High School	273	1	Storage - 770	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst High School	274	1	Locker, Boys Side Lockers - 771	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	8	8	27	20	100%	20	0%	0	3,540	3,540	-	-	198	0.1
Lindenhurst High School	275	1	Locker, Boys Main Lockers - 772	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	19	19	27	20	100%	20	0%	0	3,540	3,540	-	-	471	0.1
Lindenhurst High School	276	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	277	1	Restroom in Locker - 773	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,540	3,540	-	-	46	0.0
Lindenhurst High School	278	1	Office-Boys' Phys Ed Coach - 774	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	2	2	64	44	100%	44	0%	0	2,790	2,790	-	-	114	0.0
Lindenhurst High School	279	1	Restroom in Office - 775	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Lindenhurst High School	280	1	Storage in Office - 776	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	1	1	20	8	100%	8	0%	0	1,000	1,000	-	-	12	0.0
Lindenhurst High School	281	1	Hall exit by Restroom - 777	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,540	3,540	-	-	30	0.0
Lindenhurst High School	282	1	Hall to Gym - 778	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,540	3,540	-	-	30	0.0
Lindenhurst High School	283	1	Hall Boy's Locker - 779	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	3	3	27	20	100%	20	0%	0	3,540	3,540	-	-	74	0.0
Lindenhurst High School	284	1	Gym Wrestling - 780	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	12	12	38	25	100%	25	0%	0	3,540	3,540	-	-	552	0.2
Lindenhurst High School	285	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	3	3	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	286	1	Laundry Room - 781	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	2,790	2,790	-	-	20	0.0
Lindenhurst High School	287	1	Laundry Room - 781	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
Lindenhurst High School	288	1	Wrestling Shower - 782	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	1,000	1,000	-	-	39	0.0
Lindenhurst High School	289	1	Custodian Closet - 783	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst High School	291	1	Corridor E - 784	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	16	16	43	29	100%	29	0%	0	3,680	3,680	-	-	824	0.2
Lindenhurst High School	292	1	Corridor E	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	293	1	Corridor E Display	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	19	19	43	29	100%	29	0%	0	2,820	2,820	-	-	750	0.3

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst High School	294	1	Faculty-Dining - 785	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	4	4	64	44	100%	44	0%	0	2,780	2,780	-	-	228	0.1
Lindenhurst High School	295	1	Faculty-Dining - 785	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	4	4	43	29	100%	29	0%	0	2,780	2,780	-	-	156	0.1
Lindenhurst High School	296	1	Cafeteria Lobby Area - 786	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	17	17	43	29	100%	29	0%	0	3,680	3,680	-	-	876	0.2
Lindenhurst High School	297	1	Cafeteria Lobby Area - 786	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	9	9	43	29	100%	29	0%	0	3,680	3,680	-	-	464	0.1
Lindenhurst High School	298	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	3	3	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	299	1	Cafeteria - 787	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	32	32	64	44	100%	44	0%	0	2,820	2,820	-	-	1,850	0.7
Lindenhurst High School	300	1	Cafeteria - 787	4L RLRB F32T8 - High Power	Relamp only to FOUR 4' LED tubes on existing HBF, electronic ballast	16	16	122	102	100%	102	0%	0	2,820	2,820	-	-	902	0.3
Lindenhurst High School	301	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	4	4	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	302	1	Kitchen - 788	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	36	36	38	25	100%	25	0%	0	2,280	2,280	-	-	1,067	0.5
Lindenhurst High School	303	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	304	1	Office in Kitchen - 789	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
Lindenhurst High School	305	1	Foyer in Kitchen - 790	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	38	25	100%	25	0%	0	3,680	3,680	-	-	191	0.1
Lindenhurst High School	306	1	Storage - 791	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	1,000	1,000	-	-	25	0.0
Lindenhurst High School	307	1	Locker Room - 792	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,540	3,540	-	-	92	0.0
Lindenhurst High School	308	1	Pantry - 793	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	38	25	100%	25	0%	0	2,790	2,790	-	-	218	0.1
Lindenhurst High School	310	1	Storage - 795	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	4	4	15	10	100%	10	0%	0	1,000	1,000	-	-	20	0.0
Lindenhurst High School	311	1	Storage - 795A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	4	4	15	10	100%	10	0%	0	1,000	1,000	-	-	20	0.0
Lindenhurst High School	313	1	Corridor L - 796	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	21	21	38	25	100%	25	0%	0	3,680	3,680	-	-	1,005	0.3
Lindenhurst High School	314	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	315	1	Custodian Closet - 797	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst High School	316	1	Women's Restroom - 798	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	4	4	21	13	100%	13	0%	0	3,540	3,540	-	-	120	0.0
Lindenhurst High School	317	1	Office-Psychologist 112	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	2,790	2,790	-	-	78	0.0
Lindenhurst High School	318	1	Classroom 121	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	319	1	Classroom 113	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst High School	320	1	Classroom 120	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	321	1	Classroom 114	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	322	1	Classroom 119	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	323	1	Classroom 115	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	8	8	57	38	100%	38	0%	0	1,810	1,810	-	-	282	0.2
Lindenhurst High School	324	1	Storage in 115 - 115A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst High School	325	1	Classroom 118-Home Ec.	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	12	12	60	37	100%	37	0%	0	1,810	1,810	-	-	500	0.3
Lindenhurst High School	326	1	Office in 118 - 118A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst High School	327	1	Classroom 116	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	327	1	Classroom 116	1L RLRB F32T8 - Normal Power	Relamp only to low wattage 4' LED tube on existing NBF, electronic ballast	1	1	23	15	100%	15	0%	0	1,810	1,810	-	-	15	0.0
Lindenhurst High School	328	1	Classroom 117	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	330	1	Hall Display Case in Hall L - 799	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	2,820	2,820	-	-	24	0.0
Lindenhurst High School	331	1	Corridor I - 799	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	35	35	38	25	100%	25	0%	0	3,680	3,680	-	-	1,674	0.5
Lindenhurst High School	331	1	Corridor I - 799	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	3,680	3,680	-	-	92	0.0
Lindenhurst High School	332	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	4	4	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	333	1	Vestibule in Corridor I - 800	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	38	25	100%	25	0%	0	3,680	3,680	-	-	287	0.1
Lindenhurst High School	334	1	Shop-Woodworking - 1	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	12	12	43	29	100%	29	0%	0	3,540	3,540	-	-	595	0.2
Lindenhurst High School	335	1	Shop-Woodworking - 1	4L RLRB F32T8 TANDEM - High Power	Relamp only to FOUR low wattage 4' LED tubes on existing HBF, electronic ballast tandem Wired	4	4	122	74	100%	74	0%	0	3,540	3,540	-	-	680	0.2
Lindenhurst High School	336	1	Storage A in Woodworking - 1A	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,000	1,000	-	-	14	0.0
Lindenhurst High School	337	1	Storage B in Woodworking - 1B	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	1,000	1,000	-	-	10	0.0
Lindenhurst High School	338	1	Custodian Closet - 118B	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	2	2	15	8	100%	8	0%	0	1,000	1,000	-	-	14	0.0
Lindenhurst High School	339	1	Office to 118 - 118D	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	2,790	2,790	-	-	78	0.0
Lindenhurst High School	340	1	Hall to 118 - 118C	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	1	1	60	37	100%	37	0%	0	3,680	3,680	-	-	85	0.0
Lindenhurst High School	341	1	Shop-Electrical - 2	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	9	9	64	44	100%	44	0%	0	3,540	3,540	-	-	653	0.2
Lindenhurst High School	342	1	Shop-Electrical - 2	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	1	1	64	44	100%	44	0%	0	3,540	3,540	-	-	73	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst High School	343	1	Shop-Electrical - 2	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	9	9	43	29	100%	29	0%	0	3,540	3,540	-	-	446	0.1
Lindenhurst High School	344	1	Display in Hall	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	3	3	21	13	100%	13	0%	0	2,820	2,820	-	-	72	0.0
Lindenhurst High School	345	1	Storage in Electrical - 2A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,000	1,000	-	-	26	0.0
Lindenhurst High School	346	1	Drafting Laboratory 3A	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	21	21	60	37	100%	37	0%	0	2,790	2,790	-	-	1,348	0.5
Lindenhurst High School	347	1	Hall between 3A & 3B - 801	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,680	3,680	-	-	48	0.0
Lindenhurst High School	348	1	Coach - 802	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	2	2	60	37	100%	37	0%	0	2,790	2,790	-	-	128	0.0
Lindenhurst High School	349	1	Laboratory 3B	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	21	21	60	37	100%	37	0%	0	2,790	2,790	-	-	1,348	0.5
Lindenhurst High School	350	1	Classroom-Drafting 3C	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	16	16	60	37	100%	37	0%	0	1,810	1,810	-	-	666	0.4
Lindenhurst High School	351	1	Storage in 3C - 803	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,000	1,000	-	-	26	0.0
Lindenhurst High School	352	1	Hall Display Case	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	3	3	21	13	100%	13	0%	0	2,820	2,820	-	-	72	0.0
Lindenhurst High School	353	1	AV - 804	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	5	5	75	50	100%	50	0%	0	2,790	2,790	-	-	349	0.1
Lindenhurst High School	354	1	Storage in Auto - 4A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	38	25	100%	25	0%	0	1,000	1,000	-	-	52	0.1
Lindenhurst High School	355	1	Shop-Auto - 4	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	8	8	64	44	100%	44	0%	0	3,540	3,540	-	-	581	0.2
Lindenhurst High School	356	1	Shop-Auto - 4	4L RLRB F32T8 TANDEM - High Power	Relamp only to FOUR low wattage 4' LED tubes on existing HBF, electronic ballast tandem Wired	4	4	122	74	100%	74	0%	0	3,540	3,540	-	-	680	0.2
Lindenhurst High School	357	1	Hoods in Auto - 4	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	2,790	2,790	-	-	78	0.0
Lindenhurst High School	358	1	Hoods in Auto - 4	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	5	5	21	13	100%	13	0%	0	2,790	2,790	-	-	119	0.0
Lindenhurst High School	359	1	Dance 5A	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	4	4	64	44	100%	44	0%	0	1,810	1,810	-	-	148	0.1
Lindenhurst High School	360	1	Dance 5A	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	4	4	43	29	100%	29	0%	0	1,810	1,810	-	-	101	0.1
Lindenhurst High School	361	1	Storage in 5B - 5C	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	1,000	1,000	-	-	14	0.0
Lindenhurst High School	362	1	Classroom 5B -Graphics Arts	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	8	8	64	44	100%	44	0%	0	1,810	1,810	-	-	297	0.2
Lindenhurst High School	363	1	Classroom 5B -Graphics Arts	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	8	8	43	29	100%	29	0%	0	1,810	1,810	-	-	203	0.1
Lindenhurst High School	364	1	Classroom 6	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	8	8	64	44	100%	44	0%	0	1,810	1,810	-	-	297	0.2
Lindenhurst High School	365	1	Classroom 6	4L RLRB F32T8 TANDEM - High Power	Relamp only to FOUR low wattage 4' LED tubes on existing HBF, electronic ballast tandem Wired	4	4	122	74	100%	74	0%	0	1,810	1,810	-	-	348	0.2
Lindenhurst High School	366	1	Storage 6B	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst High School	367	1	Storage 6A	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	1	1	60	37	100%	37	0%	0	1,000	1,000	-	-	23	0.0
Lindenhurst High School	368	1	Custodian - 805	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	2	2	15	8	100%	8	0%	0	1,000	1,000	-	-	14	0.0
Lindenhurst High School	370	1	Corridor H - 806	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	21	21	38	25	100%	25	0%	0	3,680	3,680	-	-	1,005	0.3
Lindenhurst High School	371	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	372	1	Classroom 144	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	373	1	Classroom 145	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	6	6	43	29	100%	29	0%	0	1,810	1,810	-	-	152	0.1
Lindenhurst High School	374	1	Storage in 145 - 145A	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	1,000	1,000	-	-	28	0.0
Lindenhurst High School	375	1	Classroom 143	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	376	1	Classroom 146	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	377	1	Classroom 142	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	378	1	Classroom 147	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	379	1	Classroom 141	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	380	1	Classroom 148	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	381	1	Classroom 140	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	382	1	Classroom 149	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	383	1	ROTC 807A	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	75	50	100%	50	0%	0	2,790	2,790	-	-	140	0.1
Lindenhurst High School	384	1	Custodian Closet 808	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst High School	385	1	ROTC 807B	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	75	50	100%	50	0%	0	2,790	2,790	-	-	140	0.1
Lindenhurst High School	386	1	Office 139	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	2,790	2,790	-	-	78	0.0
Lindenhurst High School	387	1	Classroom 150	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	388	1	Storage - 809	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	2	2	15	8	100%	8	0%	0	1,000	1,000	-	-	14	0.0
Lindenhurst High School	389	1	Science Storage - 810	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,000	1,000	-	-	26	0.0
Lindenhurst High School	391	1	Corridor G - 811	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	31	31	38	25	100%	25	0%	0	3,680	3,680	-	-	1,483	0.4
Lindenhurst High School	392	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	3	3	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst High School	393	1	Office-Marines 151	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst High School	394	1	Classroom 153	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	12	12	60	37	100%	37	0%	0	1,810	1,810	-	-	500	0.3
Lindenhurst High School	395	1	Storage in 153 - 153A	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	3	3	60	37	100%	37	0%	0	1,000	1,000	-	-	69	0.1
Lindenhurst High School	396	1	Classroom 154	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	20	20	60	37	100%	37	0%	0	1,810	1,810	-	-	833	0.5
Lindenhurst High School	397	1	Storage in 154 - 154A	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	3	3	60	37	100%	37	0%	0	1,000	1,000	-	-	69	0.1
Lindenhurst High School	398	1	Classroom 138	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	12	12	60	37	100%	37	0%	0	1,810	1,810	-	-	500	0.3
Lindenhurst High School	399	1	Storage in 138 - 138A	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	2	2	60	37	100%	37	0%	0	1,000	1,000	-	-	46	0.0
Lindenhurst High School	400	1	Hall Display Case	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	3	3	21	13	100%	13	0%	0	2,820	2,820	-	-	72	0.0
Lindenhurst High School	401	1	Classroom 137	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	12	12	60	37	100%	37	0%	0	1,810	1,810	-	-	500	0.3
Lindenhurst High School	402	1	Storage in 137 - 137A	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	2	2	60	37	100%	37	0%	0	1,000	1,000	-	-	46	0.0
Lindenhurst High School	403	1	Hall - 812	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	14	14	38	25	100%	25	0%	0	3,680	3,680	-	-	670	0.2
Lindenhurst High School	404	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	3	3	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	405	1	Men's Faculty Restroom - 813	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	3,540	3,540	-	-	138	0.0
Lindenhurst High School	406	1	Women's Restroom - 814	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	3,540	3,540	-	-	138	0.0
Lindenhurst High School	407	1	Custodian Closet - 815	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	1,000	1,000	-	-	39	0.0
Lindenhurst High School	408	1	Classroom 155	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	14	14	60	37	100%	37	0%	0	1,810	1,810	-	-	583	0.3
Lindenhurst High School	409	1	Classroom 156	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	12	12	60	37	100%	37	0%	0	1,810	1,810	-	-	500	0.3
Lindenhurst High School	410	1	Assistant Principal - 816	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	7	7	57	38	100%	38	0%	0	2,790	2,790	-	-	381	0.1
Lindenhurst High School	411	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	3	3	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	412	1	Office A in AP - 816A	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst High School	413	1	Office B in AP - 816B	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst High School	414	1	Office C in AP - 816C	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst High School	415	1	Office D in AP - 816D	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst High School	416	1	Office E in AP - 816E	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst High School	417	1	Storage in stairwell - 817	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst High School	418	1	Classroom 157	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	9	9	75	50	100%	50	0%	0	1,810	1,810	-	-	407	0.2
Lindenhurst High School	419	1	Office-Social Worker - 818	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	5	5	57	38	100%	38	0%	0	2,790	2,790	-	-	272	0.1
Lindenhurst High School	420	1	Office A-Social Worker - 818A	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	2,790	2,790	-	-	54	0.0
Lindenhurst High School	421	1	Office B-Social Worker - 818B	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	2,790	2,790	-	-	54	0.0
Lindenhurst High School	422	1	Office C-Social Worker - 818C	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	2,790	2,790	-	-	163	0.1
Lindenhurst High School	423	1	Office D-Social Worker - 818D	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	2,790	2,790	-	-	54	0.0
Lindenhurst High School	424	1	Office-Data Processing Across from Business Office - 818E	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst High School	425	1	Office- Across from Business Office - 818F	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst High School	427	1	Guidance Dept. - 821	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	7	7	57	38	100%	38	0%	0	2,790	2,790	-	-	381	0.1
Lindenhurst High School	428	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	429	1	Office A in Guidance - 821A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
Lindenhurst High School	430	1	Office B in Guidance - 821B	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst High School	431	1	Office C in Guidance - 821C	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst High School	432	1	Office D in Guidance - 821D	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst High School	433	1	File Room - 821L	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	6	6	57	38	100%	38	0%	0	2,790	2,790	-	-	326	0.1
Lindenhurst High School	434	1	Office E in Guidance - 821E	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst High School	435	1	Office F in Guidance - 821F	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst High School	436	1	Office G in Guidance - 821G	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst High School	437	1	Office H in Guidance - 821H	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst High School	438	1	Office I in Guidance - 821I	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst High School	439	1	Office J in Guidance - 821J	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst High School	440	1	Office K in Guidance - 821K	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst High School	441	1	Conference Room in Guidance - 821M	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	1,810	1,810	-	-	71	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst High School	442	1	Kitchen in Guidance - 821N	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst High School	443	1	Guidance Office - 821	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	10	10	57	38	100%	38	0%	0	2,790	2,790	-	-	544	0.2
Lindenhurst High School	444	1	Storage - 822	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	2	2	15	8	100%	8	0%	0	1,000	1,000	-	-	14	0.0
Lindenhurst High School	445	1	Classroom 107	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	15	15	60	37	100%	37	0%	0	1,810	1,810	-	-	624	0.3
Lindenhurst High School	446	1	Office-Coordinator 108	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	6	6	57	38	100%	38	0%	0	2,790	2,790	-	-	326	0.1
Lindenhurst High School	447	1	Office A in 108 - 108A	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst High School	448	1	Office B in 108 - 108B	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst High School	449	1	Conference C in 108 - 108C	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	4	4	57	38	100%	38	0%	0	1,810	1,810	-	-	141	0.1
Lindenhurst High School	450	1	Office D in 108 - 108D	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst High School	451	1	Office E in 108 - 108E	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst High School	452	1	Office F in 108 - 108F	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst High School	453	1	Attendance C157 by front lobby - 157A	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	6	6	21	13	100%	13	0%	0	2,790	2,790	-	-	142	0.1
Lindenhurst High School	455	1	Classroom 136	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	456	1	Classroom 136	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst High School	457	1	Classroom 136 Storage 136A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Lindenhurst High School	458	1	Classroom 124	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	459	1	Kiln - 124A	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	75	50	100%	50	0%	0	1,000	1,000	-	-	50	0.1
Lindenhurst High School	460	1	Hall Display Case	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	3	3	21	13	100%	13	0%	0	2,820	2,820	-	-	72	0.0
Lindenhurst High School	461	1	Classroom 123	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	9	9	60	37	100%	37	0%	0	1,810	1,810	-	-	375	0.2
Lindenhurst High School	462	1	Storage between 123-124 - 823	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	1,000	1,000	-	-	17	0.0
Lindenhurst High School	463	1	Classroom 109-Art	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	464	1	Classroom 109-Art	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst High School	465	1	Classroom 110-Art	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	466	1	Classroom 110-Art	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst High School	467	1	Storage between 110-111 - 824	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	38	25	100%	25	0%	0	1,000	1,000	-	-	52	0.1
Lindenhurst High School	468	1	Classroom 122	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	469	1	Classroom 122	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst High School	470	1	Storage 122 - 122A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst High School	471	1	Classroom 111-Art	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst High School	472	1	Classroom 111-Art	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Lindenhurst High School	473	1	School Store - 825	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,000	1,000	-	-	26	0.0
Lindenhurst High School	474	1	School Store - 825	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst High School	475	1	Lobby 2 - 826	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	8	8	38	25	100%	25	0%	0	3,680	3,680	-	-	383	0.1
Lindenhurst High School	477	1	Men's Restroom - 827	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	4	4	60	37	100%	37	0%	0	3,540	3,540	-	-	326	0.1
Lindenhurst High School	478	1	Women's Restroom - 828	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	4	4	60	37	100%	37	0%	0	3,540	3,540	-	-	326	0.1
Lindenhurst High School	479	1	Office-Main - 829	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	8	8	64	44	100%	44	0%	0	2,790	2,790	-	-	458	0.2
Lindenhurst High School	480	1	Office-Main Hall - 830	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	2,790	2,790	-	-	24	0.0
Lindenhurst High School	481	1	Kitchen - 831	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	2,790	2,790	-	-	39	0.0
Lindenhurst High School	482	1	Office - 832	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	2,790	2,790	-	-	117	0.0
Lindenhurst High School	483	1	Office - 832A	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	2,790	2,790	-	-	39	0.0
Lindenhurst High School	484	1	Closet - 833	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst High School	485	1	Closet - 833	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Lindenhurst High School	486	1	Principal's - 834	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	2,790	2,790	-	-	172	0.1
Lindenhurst High School	487	1	Principal's - 834	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	2,790	2,790	-	-	36	0.0
Lindenhurst High School	488	1	Restroom - 835	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	3,540	3,540	-	-	35	0.0
Lindenhurst High School	489	1	Office-Student Accounts - 836	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	75	50	100%	50	0%	0	2,790	2,790	-	-	279	0.1
Lindenhurst High School	490	1	Office-Student Accounts - 836	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	2,790	2,790	-	-	47	0.0
Lindenhurst High School	491	1	Nurse's Office - 837	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	5	5	64	44	100%	44	0%	0	2,790	2,790	-	-	286	0.1

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst High School	492	1	Nurse's Office - 837	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	3	3	15	10	100%	10	0%	0	2,790	2,790	-	-	42	0.0
Lindenhurst High School	493	1	Nurse's Office - 837	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	2,790	2,790	-	-	39	0.0
Lindenhurst High School	494	1	Office in nurse - 838	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	2,790	2,790	-	-	36	0.0
Lindenhurst High School	495	1	Restroom in nurse - 837A	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst High School	496	1	Girls Restroom - 839	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	3,540	3,540	-	-	50	0.0
Lindenhurst High School	498	1	Corridor K - 840	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	15	15	38	25	100%	25	0%	0	3,680	3,680	-	-	718	0.2
Lindenhurst High School	499	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	500	1	Custodian Office - 841	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	4	4	43	29	100%	29	0%	0	2,790	2,790	-	-	156	0.1
Lindenhurst High School	501	1	Custodian Office - 841	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	2,790	2,790	-	-	24	0.0
Lindenhurst High School	502	1	Restroom in Office - 842	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Lindenhurst High School	503	1	Office - 843	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	1	1	60	37	100%	37	0%	0	2,790	2,790	-	-	64	0.0
Lindenhurst High School	504	1	Office - 843	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	2,790	2,790	-	-	36	0.0
Lindenhurst High School	505	1	Mechanical-Compressor Room - 844	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,000	1,000	-	-	14	0.0
Lindenhurst High School	506	1	Mechanical-Compressor Room - 844	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Lindenhurst High School	507	1	Copy Room - 845	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	4	4	64	44	100%	44	0%	0	2,790	2,790	-	-	229	0.1
Lindenhurst High School	508	1	Copy Room - 845	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	2,790	2,790	-	-	78	0.0
Lindenhurst High School	509	1	Custodian Closet - 846	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst High School	510	1	Electrical Panel - 847	Compact Fluorescent, quad, (1) 20W lamp	13W LED CFL Replacement	2	2	22	13	100%	13	0%	0	1,000	1,000	-	-	18	0.0
Lindenhurst High School	511	1	Electrical Panel - 847	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	1,000	1,000	-	-	28	0.0
Lindenhurst High School	512	1	Electrical Panel - 847B	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst High School	513	1	Electrical Panel - 847C	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Lindenhurst High School	514	1	Garage - 848	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	2,280	2,280	-	-	16	0.0
Lindenhurst High School	515	1	Boiler Room - 849	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	5	5	38	25	100%	25	0%	0	2,400	2,400	-	-	156	0.1
Lindenhurst High School	516	1	Boiler Room - 849	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	5	5	27	20	100%	20	0%	0	2,400	2,400	-	-	84	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst High School	517	1	Boiler Room - 849	Compact Fluorescent, (1) 42W lamp	18W LED A21 Bulb	1	1	42	18	100%	18	0%	0	2,400	2,400	-	-	58	0.0
Lindenhurst High School	518	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst High School	520	E	Main Entry Parking Lot	High Pressure Sodium, (1) 400W lamp	120W LED Modular Area/Parking Fixture	4	4	465	120	100%	120	0%	0	4,380	4,380	-	-	6,044	1.4
Lindenhurst High School	521	E	Side	High Pressure Sodium, (1) 400W lamp	120W LED Modular Area/Parking Fixture	2	2	465	120	100%	120	0%	0	4,380	4,380	-	-	3,022	0.7
Lindenhurst High School	522	E	Side	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
Lindenhurst High School	523	E	Side Door	NEW 42W CF CANOPY w/ EM EGRESS w/PHOTOCELL	18W LED A21 Bulb	1	1	42	18	100%	18	0%	0	4,380	4,380	-	-	105	0.0
Lindenhurst High School	524	E	Side By Basketball Court	High Pressure Sodium, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	2	2	295	70	100%	70	0%	0	4,380	4,380	-	-	1,971	0.5
Lindenhurst High School	525	E	Back By Shops	High Pressure Sodium, (1) 400W lamp	120W LED Modular Area/Parking Fixture	2	2	465	120	100%	120	0%	0	4,380	4,380	-	-	3,022	0.7
Lindenhurst High School	526	E	Back By Shops	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
Lindenhurst High School	527	E	Custodian Parking Lot	High Pressure Sodium, (1) 400W lamp	120W LED Modular Area/Parking Fixture	2	2	465	120	100%	120	0%	0	4,380	4,380	-	-	3,022	0.7
Lindenhurst High School	528	E	Custodian Parking Lot	High Pressure Sodium, (1) 400W lamp	120W LED Modular Area/Parking Fixture	1	1	465	120	100%	120	0%	0	4,380	4,380	-	-	1,511	0.3
Lindenhurst High School	529	E	Custodian Parking Lot	High Pressure Sodium, (1) 400W lamp	120W LED Modular Area/Parking Fixture	1	1	465	120	100%	120	0%	0	4,380	4,380	-	-	1,511	0.3
Lindenhurst High School	530	E	Cafeteria Entry /Custodian	High Pressure Sodium, (1) 100W lamp	30W LED Low Profile Flood Type Wall Pack Fixture w/ Integrated Photocell	1	1	138	30	100%	30	0%	0	4,380	4,380	-	-	473	0.1
Lindenhurst High School	532	E	Cafeteria Entry /Custodian at Door	13W CFSI RELAMP ONLY	10W LED A19 bulb	1	1	15	10	100%	10	0%	0	4,380	4,380	-	-	22	0.0
Lindenhurst High School	533	E	Custodian Parking Lot	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	2	2	368	120	100%	120	0%	0	4,380	4,380	-	-	2,172	0.5
Lindenhurst High School	534	E	Custodian Parking Lot	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	2	2	368	120	100%	120	0%	0	4,380	4,380	-	-	2,172	0.5
Lindenhurst High School	535	E	Custodian Parking Lot	High Pressure Sodium, (1) 400W lamp	120W LED Modular Area/Parking Fixture	1	1	465	120	100%	120	0%	0	4,380	4,380	-	-	1,511	0.3
Lindenhurst High School	536	E	Cafeteria/Maintenance, Door	13W CFSI RELAMP ONLY	10W LED A19 bulb	1	1	15	10	100%	10	0%	0	4,380	4,380	-	-	22	0.0
Lindenhurst High School	537	E	Cafeteria/Maintenance, Door	Incandescent, (1) 60W lamp	10W LED A19 bulb	1	1	60	10	100%	10	0%	0	4,380	4,380	-	-	219	0.1
Lindenhurst High School	538	E	Kitchen	NEW 42W CF CANOPY w/ EM EGRESS w/PHOTOCELL	18W LED A21 Bulb	4	4	42	18	100%	18	0%	0	4,380	4,380	-	-	420	0.1
Lindenhurst High School	539	E	Gym Area	High Pressure Sodium, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	4	4	295	70	100%	70	0%	0	4,380	4,380	-	-	3,942	0.9
Lindenhurst High School	540	E	Gym Area	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
Lindenhurst High School	541	E	Gym side	NEW 84W CF WALLPACK w/ VANDAL SHIELD, EMERGENCY EGRESS &	40W LED 14" Flood Type Wall Pack Fixture	3	3	84	40	100%	40	0%	0	4,380	4,380	-	-	578	0.1
Lindenhurst High School	542	E	Back by Tennis	NEW 84W CF WALLPACK w/ VANDAL SHIELD, EMERGENCY EGRESS &	40W LED 14" Flood Type Wall Pack Fixture	1	1	84	40	100%	40	0%	0	4,380	4,380	-	-	193	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst High School	543	E	Back of Gym	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	4	4	368	120	100%	120	0%	0	4,380	4,380	-	-	4,345	1.0
Lindenhurst High School	544	E	Weight Room	Incandescent, (1) 60W lamp	10W LED A19 bulb	2	2	60	10	100%	10	0%	0	4,380	4,380	-	-	438	0.1
Lindenhurst High School	545	E	Weight Room Area	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
Lindenhurst High School	546	E	Stage	NEW 84W CF WALLPACK w/ VANDAL SHIELD, EMERGENCY EGRESS &	40W LED 14" Flood Type Wall Pack Fixture	1	1	84	40	100%	40	0%	0	4,380	4,380	-	-	193	0.0
Lindenhurst High School	547	E	Pool/Stage	NEW 84W CF WALLPACK w/ VANDAL SHIELD, EMERGENCY EGRESS &	40W LED 14" Flood Type Wall Pack Fixture	1	1	84	40	100%	40	0%	0	4,380	4,380	-	-	193	0.0
Lindenhurst High School	548	E	By Baseball Field	High Pressure Sodium, (1) 400W lamp	120W LED Modular Area/Parking Fixture	2	2	465	120	100%	120	0%	0	4,380	4,380	-	-	3,022	0.7
Lindenhurst High School	549	E	Pool Entry	Metal Halide, (1) 100W lamp	30W LED Low Profile Flood Type Wall Pack Fixture w/ Integrated Photocell	2	2	128	30	100%	30	0%	0	4,380	4,380	-	-	858	0.2
Lindenhurst High School	550	E	Front by Sign	NEW 84W CF WALLPACK w/ VANDAL SHIELD, EMERGENCY EGRESS &	40W LED 14" Flood Type Wall Pack Fixture	1	1	84	40	100%	40	0%	0	4,380	4,380	-	-	193	0.0
Lindenhurst Middle School	2	3	Hall - 500	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	16	16	38	25	100%	25	0%	0	3,680	3,680	-	-	765	0.2
Lindenhurst Middle School	3	3	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	4	3	Stairwell by 315 - 501	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	2	2	60	37	100%	37	0%	0	3,680	3,680	-	-	169	0.0
Lindenhurst Middle School	5	3	Stairwell by 315 - 501	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,680	3,680	-	-	48	0.0
Lindenhurst Middle School	6	3	Classroom W315	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	12	12	57	38	100%	38	0%	0	1,810	1,810	-	-	424	0.2
Lindenhurst Middle School	7	3	Storage in W315 - W315A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Lindenhurst Middle School	8	3	Classroom W316	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	9	3	Classroom W313	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	10	3	Storage in W313 - W313A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Lindenhurst Middle School	11	3	Classroom W314	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	12	3	Boys' Restroom - 502	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,540	3,540	-	-	92	0.0
Lindenhurst Middle School	13	3	Storage Mechanical - 503	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst Middle School	14	3	Elevator - 504	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	38	25	100%	25	0%	0	8,760	8,760	-	-	456	0.1
Lindenhurst Middle School	15	3	Classroom W309	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	16	3	Storage in W309 - W309A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Lindenhurst Middle School	17	3	Classroom W310	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst Middle School	18	3	Office W307	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst Middle School	19	3	Office W307 entry - W307A	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	2,790	2,790	-	-	20	0.0
Lindenhurst Middle School	20	3	Storage in W307 - W307B	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst Middle School	21	3	Restroom in W307 - W307C	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst Middle School	22	3	Classroom W308	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	23	3	Classroom W305	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	24	3	Storage in W305 - W305A	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Lindenhurst Middle School	25	3	Girls' - 505	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,540	3,540	-	-	92	0.0
Lindenhurst Middle School	26	3	Classroom W304	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	27	3	Storage in W304 - W304A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Lindenhurst Middle School	28	3	Storage for Art - 506	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Lindenhurst Middle School	29	3	Custodial Closet - 507	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst Middle School	30	3	Classroom W301	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	31	3	Classroom W302	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	32	3	Storage in W302 - W302A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Lindenhurst Middle School	33	3	Stairwell - 508	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	4	4	60	37	100%	37	0%	0	3,680	3,680	-	-	339	0.1
Lindenhurst Middle School	34	3	Stairwell - 508	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,680	3,680	-	-	96	0.0
Lindenhurst Middle School	35	3	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	37	2	Hall-West Wing - 509	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	16	16	38	25	100%	25	0%	0	3,680	3,680	-	-	765	0.2
Lindenhurst Middle School	38	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	39	2	Classroom W215	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	40	2	Storage Balcony - 510	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	1,000	1,000	-	-	14	0.0
Lindenhurst Middle School	41	2	Balcony - 511	43W HALOGEN RELAMP ONLY	10W LED R30 Bulb Dimmable	16	16	43	10	100%	10	0%	0	2,820	2,820	-	-	1,489	0.5
Lindenhurst Middle School	42	2	Balcony - 511	43W HALOGEN RELAMP ONLY	10W LED R30 Bulb Dimmable	6	6	43	10	100%	10	0%	0	2,820	2,820	-	-	558	0.2

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst Middle School	43	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	44	2	Office W213	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	2,790	2,790	-	-	78	0.0
Lindenhurst Middle School	45	2	Office W213	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	2,790	2,790	-	-	24	0.0
Lindenhurst Middle School	46	2	Storage in W213 - W213A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Lindenhurst Middle School	47	2	Restroom in W213 - W213B	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst Middle School	48	2	Storage A - 512	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	1,000	1,000	-	-	14	0.0
Lindenhurst Middle School	49	2	Storage B - 513	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst Middle School	50	2	Classroom W211	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	51	2	Office W209	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	2,790	2,790	-	-	36	0.0
Lindenhurst Middle School	52	2	Office W209	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	2,790	2,790	-	-	70	0.0
Lindenhurst Middle School	53	2	Classroom W207	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	54	2	Classroom W210	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	55	2	Classroom W208	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	56	2	Classroom W205	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	57	2	Classroom W206	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	58	2	Classroom W203	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	59	2	Girls' Restroom - 514	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,540	3,540	-	-	92	0.0
Lindenhurst Middle School	60	2	Custodial Closet - 515	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst Middle School	61	2	Classroom W201	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	62	2	Classroom W202	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	64	2	Hall to North - 516	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	8	8	57	38	100%	38	0%	0	3,680	3,680	-	-	574	0.2
Lindenhurst Middle School	65	2	Hall to North - 516	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	8	8	57	38	100%	38	0%	0	3,680	3,680	-	-	574	0.2
Lindenhurst Middle School	66	2	Hall to North - 516	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	4	4	60	37	100%	37	0%	0	3,680	3,680	-	-	339	0.1
Lindenhurst Middle School	67	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	4	4	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst Middle School	68	2	Hall to Band Room - 517	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,680	3,680	-	-	96	0.0
Lindenhurst Middle School	69	2	Band Room - N203	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	12	12	38	25	100%	25	0%	0	2,790	2,790	-	-	435	0.2
Lindenhurst Middle School	70	2	Office C - N203C	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Lindenhurst Middle School	71	2	Hall to Practice - N203B	2L RLRB F17T8 w/ 2'x2' REF - High Power	Relamp only to TWO 2' LED tubes on existing HBF, electronic ballast	1	1	41	29	100%	29	0%	0	3,680	3,680	-	-	44	0.0
Lindenhurst Middle School	72	2	Practice - N203D	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	880	880	-	-	34	0.0
Lindenhurst Middle School	73	2	Mechanical-Fan Room F - N203F	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,000	1,000	-	-	26	0.0
Lindenhurst Middle School	74	2	Storage E-Uniforms - N203E	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Lindenhurst Middle School	75	2	N203A	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	4	4	57	38	100%	38	0%	0	2,790	2,790	-	-	218	0.1
Lindenhurst Middle School	76	2	N203A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
Lindenhurst Middle School	77	2	Stairwell by Band - 518	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	2	2	60	37	100%	37	0%	0	3,680	3,680	-	-	169	0.0
Lindenhurst Middle School	78	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	79	2	Stairwell by N209 - 520	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	3	3	60	37	100%	37	0%	0	3,680	3,680	-	-	254	0.1
Lindenhurst Middle School	80	2	North Hall - 519	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	10	10	57	38	100%	38	0%	0	3,680	3,680	-	-	718	0.2
Lindenhurst Middle School	81	2	North Hall Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	82	2	Classroom N209	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	12	12	38	25	100%	25	0%	0	1,810	1,810	-	-	282	0.2
Lindenhurst Middle School	82.1	2	Classroom N209	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	12	12	21	13	100%	13	0%	0	1,810	1,810	-	-	185	0.1
Lindenhurst Middle School	83	2	Classroom N211	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	12	12	38	25	100%	25	0%	0	1,810	1,810	-	-	282	0.2
Lindenhurst Middle School	83.1	2	Classroom N211	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	12	12	21	13	100%	13	0%	0	1,810	1,810	-	-	185	0.1
Lindenhurst Middle School	84	2	Classroom N213	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	12	12	38	25	100%	25	0%	0	1,810	1,810	-	-	282	0.2
Lindenhurst Middle School	84.1	2	Classroom N213	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	12	12	21	13	100%	13	0%	0	1,810	1,810	-	-	185	0.1
Lindenhurst Middle School	85	2	Classroom N215	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	12	12	38	25	100%	25	0%	0	1,810	1,810	-	-	282	0.2
Lindenhurst Middle School	85.1	2	Classroom N215	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	12	12	21	13	100%	13	0%	0	1,810	1,810	-	-	185	0.1
Lindenhurst Middle School	86	2	Classroom N217A	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	4	4	57	38	100%	38	0%	0	1,810	1,810	-	-	141	0.1
Lindenhurst Middle School	87	2	Classroom N217B	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	4	4	57	38	100%	38	0%	0	1,810	1,810	-	-	141	0.1

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours-Off	Total kWh Saved	Total kW Saved
Lindenhurst Middle School	88	2	Classroom N219-Orchestra	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	12	12	38	25	100%	25	0%	0	1,810	1,810	-	-	282	0.2
Lindenhurst Middle School	88.1	2	Classroom N219-Orchestra	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	12	12	21	13	100%	13	0%	0	1,810	1,810	-	-	185	0.1
Lindenhurst Middle School	89	2	Stairwell Across from E202 - 521	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	4	4	60	37	100%	37	0%	0	3,680	3,680	-	-	339	0.1
Lindenhurst Middle School	90	2	Stairwell Across from E202 - 521	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,680	3,680	-	-	48	0.0
Lindenhurst Middle School	91	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	93	2	Hall to East - 522	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	8	8	38	25	100%	25	0%	0	3,680	3,680	-	-	383	0.1
Lindenhurst Middle School	94	2	Hall to East - 522	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	10	10	38	25	100%	25	0%	0	3,680	3,680	-	-	478	0.1
Lindenhurst Middle School	95	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	3	3	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	96	2	Classroom E202	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst Middle School	97	2	Classroom E204	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst Middle School	98	2	Classroom E205	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst Middle School	99	2	Office E206	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	6	6	60	37	100%	37	0%	0	2,790	2,790	-	-	385	0.1
Lindenhurst Middle School	100	2	Classroom E207	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	9	9	75	50	100%	50	0%	0	1,810	1,810	-	-	407	0.2
Lindenhurst Middle School	101	2	Classroom E211	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst Middle School	102	2	E208	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	1,810	1,810	-	-	51	0.0
Lindenhurst Middle School	102	2	E208	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	2	2	64	44	100%	44	0%	0	1,810	1,810	-	-	74	0.0
Lindenhurst Middle School	103	2	Classroom E209	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst Middle School	104	2	Classroom E209	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst Middle School	105	2	Boys' Restroom - 523	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,540	3,540	-	-	138	0.0
Lindenhurst Middle School	106	2	Men's Faculty Restroom - 524	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	3,540	3,540	-	-	207	0.1
Lindenhurst Middle School	107	2	Women's Restroom - 525	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,540	3,540	-	-	138	0.0
Lindenhurst Middle School	108	2	Storage E213 for Chemistry	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	1,000	1,000	-	-	39	0.0
Lindenhurst Middle School	109	2	Custodian Closet - 526	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Lindenhurst Middle School	110	2	Classroom E215	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst Middle School	111	2	Classroom E215	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst Middle School	112	2	Storage in E215 - E215A	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	1,000	1,000	-	-	28	0.0
Lindenhurst Middle School	113	2	Classroom E217	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Lindenhurst Middle School	114	2	Classroom E217	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst Middle School	115	2	Storage in E217 - E217A	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	1,000	1,000	-	-	28	0.0
Lindenhurst Middle School	116	2	Classroom E222	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	1,810	1,810	-	-	35	0.0
Lindenhurst Middle School	116	2	Classroom E222	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,810	1,810	-	-	24	0.0
Lindenhurst Middle School	116	2	Classroom E222	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	1,810	1,810	-	-	45	0.0
Lindenhurst Middle School	117	2	Classroom E222	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	1,810	1,810	-	-	45	0.0
Lindenhurst Middle School	118	2	Classroom E224	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	9	9	38	25	100%	25	0%	0	1,810	1,810	-	-	212	0.1
Lindenhurst Middle School	119	2	Classroom E219	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	18	18	38	25	100%	25	0%	0	1,810	1,810	-	-	424	0.2
Lindenhurst Middle School	120	2	Classroom E226	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	8	8	38	25	100%	25	0%	0	1,810	1,810	-	-	188	0.1
Lindenhurst Middle School	121	2	Storage in E226 - E226A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Lindenhurst Middle School	122	2	Classroom E221	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Lindenhurst Middle School	123	2	Classroom E221	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst Middle School	124	2	Classroom E223	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Lindenhurst Middle School	125	2	Classroom E223	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst Middle School	126	2	Stairwell by 223 - 527	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	5	5	60	37	100%	37	0%	0	3,680	3,680	-	-	423	0.1
Lindenhurst Middle School	127	2	Stairwell by 223 - 527	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	3,680	3,680	-	-	26	0.0
Lindenhurst Middle School	128	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	130	2	Elevator Lobby - 528	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	5	5	38	25	100%	25	0%	0	3,680	3,680	-	-	239	0.1
Lindenhurst Middle School	131	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	132	2	S203 Kiln	2L RLRB F17T8 w/ 2'x2' REF - High Power	Relamp only to TWO 2' LED tubes on existing HBF, electronic ballast	2	2	41	29	100%	29	0%	0	1,000	1,000	-	-	24	0.0
Lindenhurst Middle School	132	2	S203 Kiln	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst Middle School	133	2	Hall-South Wing - 529	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	14	14	38	25	100%	25	0%	0	3,680	3,680	-	-	670	0.2
Lindenhurst Middle School	134	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	135	2	Elevator by s203 - 530	Compact Fluorescent, twin, (1) 9W lamp	6W LED PL Lamp (G24 Base)	6	6	11	6	100%	6	0%	0	8,760	8,760	-	-	263	0.0
Lindenhurst Middle School	136	2	Stairwell Across S206 - 531	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	6	6	60	37	100%	37	0%	0	3,680	3,680	-	-	508	0.1
Lindenhurst Middle School	137	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	0	0	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	138	2	Classroom S205	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	18	18	38	25	100%	25	0%	0	1,810	1,810	-	-	424	0.2
Lindenhurst Middle School	139	2	Classroom S206	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	9	9	75	50	100%	50	0%	0	1,810	1,810	-	-	407	0.2
Lindenhurst Middle School	140	2	Classroom S206	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	1,810	1,810	-	-	71	0.0
Lindenhurst Middle School	141	2	Classroom S207	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	24	24	38	25	100%	25	0%	0	1,810	1,810	-	-	565	0.3
Lindenhurst Middle School	142	2	Classroom S208	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	9	9	75	50	100%	50	0%	0	1,810	1,810	-	-	407	0.2
Lindenhurst Middle School	142	2	Classroom S208	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	1,810	1,810	-	-	71	0.0
Lindenhurst Middle School	143	2	Classroom S208	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	1,810	1,810	-	-	71	0.0
Lindenhurst Middle School	144	2	Classroom S209	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	24	24	38	25	100%	25	0%	0	1,810	1,810	-	-	565	0.3
Lindenhurst Middle School	145	2	Classroom S210	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst Middle School	146	2	Classroom S211	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	24	24	38	25	100%	25	0%	0	1,810	1,810	-	-	565	0.3
Lindenhurst Middle School	147	2	Classroom S212	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst Middle School	148	2	Mechanical Between S212-S214 - 532	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	1,000	1,000	-	-	17	0.0
Lindenhurst Middle School	149	2	Storage in Mechanical Room - 533	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Lindenhurst Middle School	150	2	Classroom S213	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	24	24	38	25	100%	25	0%	0	1,810	1,810	-	-	565	0.3
Lindenhurst Middle School	151	2	Classroom S214	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst Middle School	152	2	Classroom S215	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	24	24	38	25	100%	25	0%	0	1,810	1,810	-	-	565	0.3
Lindenhurst Middle School	153	2	Stairwell to Social Worker - 534	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,680	3,680	-	-	31	0.0
Lindenhurst Middle School	154	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	155	2	Custodian Closet by 216 - 535	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	1,000	1,000	-	-	14	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst Middle School	156	2	Classroom S216	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	12	12	75	50	100%	50	0%	0	1,810	1,810	-	-	543	0.3
Lindenhurst Middle School	157	2	Custodian Closet - 536	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst Middle School	158	2	Classroom S217-Planetarium	13W CFSI RELAMP ONLY	10W LED A19 bulb	2	2	15	10	100%	10	0%	0	880	880	-	-	9	0.0
Lindenhurst Middle School	159	2	Classroom S217-Planetarium	Halogen Incandescent, (1) 100W lamp	18W LED A21 Bulb	1	1	100	18	100%	18	0%	0	880	880	-	-	72	0.1
Lindenhurst Middle School	160	2	Storage 537	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	1,000	1,000	-	-	17	0.0
Lindenhurst Middle School	161	2	Storage In Library - 538	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	1,000	1,000	-	-	25	0.0
Lindenhurst Middle School	162	2	Storage In Library - 538	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Lindenhurst Middle School	163	2	Library Hall - 539	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	4	4	21	13	100%	13	0%	0	3,680	3,680	-	-	125	0.0
Lindenhurst Middle School	164	2	Library Hall Exit	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	165	2	Stairwell Across Library - 546	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	6	6	60	37	100%	37	0%	0	3,680	3,680	-	-	508	0.1
Lindenhurst Middle School	166	2	Storage S219A in Hall	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,000	1,000	-	-	26	0.0
Lindenhurst Middle School	166	2	Storage S219A in Hall	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	75	50	100%	50	0%	0	1,000	1,000	-	-	50	0.1
Lindenhurst Middle School	167	2	Office-1 - 540	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	4	4	60	37	100%	37	0%	0	2,790	2,790	-	-	257	0.1
Lindenhurst Middle School	168	2	Office-2 - 541	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	3	3	60	37	100%	37	0%	0	2,790	2,790	-	-	193	0.1
Lindenhurst Middle School	169	2	Office-3 - 542	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	75	50	100%	50	0%	0	2,790	2,790	-	-	140	0.1
Lindenhurst Middle School	170	2	Library S219	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	64	64	75	50	100%	50	0%	0	1,990	1,990	-	-	3,184	1.6
Lindenhurst Middle School	171	2	Library S219	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	61	61	38	25	100%	25	0%	0	1,990	1,990	-	-	1,578	0.8
Lindenhurst Middle School	172	2	Library S219	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	20	20	75	50	100%	50	0%	0	1,990	1,990	-	-	995	0.5
Lindenhurst Middle School	173	2	Display	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	2,820	2,820	-	-	37	0.0
Lindenhurst Middle School	174	2	Conference Room1 - 543	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	75	50	100%	50	0%	0	1,810	1,810	-	-	181	0.1
Lindenhurst Middle School	175	2	Conference Room2 - 544	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	75	50	100%	50	0%	0	1,810	1,810	-	-	181	0.1
Lindenhurst Middle School	176	2	Conference Room3 - 545	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	75	50	100%	50	0%	0	1,810	1,810	-	-	91	0.1
Lindenhurst Middle School	177	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	178	2	Stairwell by S218 - 547	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,680	3,680	-	-	31	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst Middle School	179	2	Hall Between South -West Wing - 548	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	10	10	38	25	100%	25	0%	0	3,680	3,680	-	-	478	0.1
Lindenhurst Middle School	180	2	Hall Between South -West Wing - 548	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,680	3,680	-	-	48	0.0
Lindenhurst Middle School	181	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	182	2	Classroom S218	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	12	12	75	50	100%	50	0%	0	1,810	1,810	-	-	543	0.3
Lindenhurst Middle School	183	2	Faculty Restroom - 549	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Lindenhurst Middle School	184	2	Custodian Closet - 550	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst Middle School	186	1	Hall-West Wing - 551	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	11	11	38	25	100%	25	0%	0	3,680	3,680	-	-	526	0.1
Lindenhurst Middle School	187	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	188	1	Hall-by W113 - 552	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,680	3,680	-	-	96	0.0
Lindenhurst Middle School	189	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	190	1	Lobby by Auditorium - 553	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	75	50	100%	50	0%	0	3,680	3,680	-	-	368	0.1
Lindenhurst Middle School	191	1	Lobby by Auditorium - 553	Compact Fluorescent, (1) 42W lamp	18W LED A21 Bulb	1	1	42	18	100%	18	0%	0	3,680	3,680	-	-	88	0.0
Lindenhurst Middle School	192	1	Display	Fluorescent, (1) 36", STD 21W T5 lamp	LED 3FT Board and Driver Retrofit Kit	1	1	25	21	100%	21	0%	0	2,820	2,820	-	-	11	0.0
Lindenhurst Middle School	193	1	Classroom W113	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	194	1	Classroom W111	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	195	1	Office W109	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	2,790	2,790	-	-	70	0.0
Lindenhurst Middle School	196	1	Office W109	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	2,790	2,790	-	-	36	0.0
Lindenhurst Middle School	197	1	Office W109	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	2,790	2,790	-	-	20	0.0
Lindenhurst Middle School	198	1	Restroom in W109 - W109A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst Middle School	199	1	Classroom W108	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	12	12	57	38	100%	38	0%	0	1,810	1,810	-	-	424	0.2
Lindenhurst Middle School	200	1	Classroom W107	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	201	1	Classroom W105	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	202	1	Classroom W106	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	11	11	57	38	100%	38	0%	0	1,810	1,810	-	-	388	0.2
Lindenhurst Middle School	203	1	Women's Restroom W104	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,540	3,540	-	-	92	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst Middle School	204	1	Classroom W101	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	205	1	Lobby by W102 - 640	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	75	50	100%	50	0%	0	3,680	3,680	-	-	368	0.1
Lindenhurst Middle School	206	1	Lobby by W102 - 640	Compact Fluorescent, (1) 42W lamp	18W LED A21 Bulb	1	1	42	18	100%	18	0%	0	3,680	3,680	-	-	88	0.0
Lindenhurst Middle School	207	1	Office W103	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst Middle School	209	1	Office-Custodian - 554	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	2,790	2,790	-	-	36	0.0
Lindenhurst Middle School	210	1	Office-Ticket Booth - 555	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	2,790	2,790	-	-	36	0.0
Lindenhurst Middle School	211	1	Foyer to Auditorium - 556	Compact Fluorescent, quad, (2) 13W lamp	2-8W LED PL Lamp (G24 Base)	3	3	30	16	100%	16	0%	0	3,680	3,680	-	-	155	0.0
Lindenhurst Middle School	212	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	213	1	Auditorium - 557	70W HALOGEN RELAMP ONLY	14W LED R40 Bulb Dimmable	42	42	70	14	100%	14	0%	0	2,820	2,820	-	-	6,633	2.4
Lindenhurst Middle School	214	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	215	1	Women's Restroom - 558	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,540	3,540	-	-	30	0.0
Lindenhurst Middle School	216	1	Women's Restroom - 558	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	3,540	3,540	-	-	50	0.0
Lindenhurst Middle School	217	1	Men's Restroom - 559	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	3,540	3,540	-	-	18	0.0
Lindenhurst Middle School	218	1	Men's Restroom - 559	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	3,540	3,540	-	-	25	0.0
Lindenhurst Middle School	219	1	Men's Restroom - 559	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	3,540	3,540	-	-	89	0.0
Lindenhurst Middle School	220	1	Men's Restroom Closet - 560	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst Middle School	221	1	Hall to W120 - 561	13W (2) CFSI RELAMP ONLY	(2) 10W LED A19 bulb	3	3	30	20	100%	20	0%	0	3,680	3,680	-	-	110	0.0
Lindenhurst Middle School	222	1	W118 Custodian office	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	4	4	21	13	100%	13	0%	0	2,790	2,790	-	-	95	0.0
Lindenhurst Middle School	223	1	Auditorium Storage - 562	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Lindenhurst Middle School	224	1	Hall to W120 - 561	Fluorescent, (2) 48", Super T-8 lamp, Instant Start Ballast, RLO (BF<0.85)	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	0	0	47	25	100%	25	0%	0	3,680	3,680	-	-	-	-
Lindenhurst Middle School	225	1	Copy Room W120	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	6	6	57	38	100%	38	0%	0	2,790	2,790	-	-	326	0.1
Lindenhurst Middle School	226	1	Auditorium - 557	43W HALOGEN RELAMP ONLY	10W LED R30 Bulb Dimmable	15	15	43	10	100%	10	0%	0	2,820	2,820	-	-	1,396	0.5
Lindenhurst Middle School	227	1	Foyer Entrance to Stage - 563	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	3,680	3,680	-	-	18	0.0
Lindenhurst Middle School	228	1	Foyer Entrance to Stage - 564	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	3,680	3,680	-	-	18	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst Middle School	229	1	Stage - 565	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	1,680	1,680	-	-	17	0.0
Lindenhurst Middle School	230	1	Stage - 565	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,680	1,680	-	-	44	0.0
Lindenhurst Middle School	231	1	Stage - 565	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	8	8	38	25	100%	25	0%	0	1,680	1,680	-	-	175	0.1
Lindenhurst Middle School	232	1	Storage Cage - 566	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Lindenhurst Middle School	233	1	Dressing Room B - 567	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
Lindenhurst Middle School	234	1	Dressing Room A - 568	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	2,790	2,790	-	-	70	0.0
Lindenhurst Middle School	235	1	Stairs to Balcony - 569	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	6	6	15	10	100%	10	0%	0	3,680	3,680	-	-	110	0.0
Lindenhurst Middle School	237	1	Hall-North Wing - 570	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	18	18	57	38	100%	38	0%	0	3,680	3,680	-	-	1,292	0.4
Lindenhurst Middle School	238	1	Hall-North Wing - 570A	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	10	10	57	38	100%	38	0%	0	3,680	3,680	-	-	718	0.2
Lindenhurst Middle School	239	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	6	6	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	240	1	Cafeteria - 571	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	32	32	38	25	100%	25	0%	0	2,820	2,820	-	-	1,173	0.4
Lindenhurst Middle School	240	1	Cafeteria - 571	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	10	10	38	25	100%	25	0%	0	2,820	2,820	-	-	367	0.1
Lindenhurst Middle School	241	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	4	4	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	242	1	Hall behind Cafeteria - 572	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	5	5	57	38	100%	38	0%	0	3,680	3,680	-	-	359	0.1
Lindenhurst Middle School	243	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	244	1	Girls' Restroom - 573	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	4	4	57	38	100%	38	0%	0	3,540	3,540	-	-	276	0.1
Lindenhurst Middle School	245	1	Custodian Closet - 574	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst Middle School	246	1	Boys' Restroom - 575	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	3,540	3,540	-	-	207	0.1
Lindenhurst Middle School	247	1	School Store - 576	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	2	2	60	37	100%	37	0%	0	1,000	1,000	-	-	46	0.0
Lindenhurst Middle School	248	1	Kitchen - 577	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	18	18	57	38	100%	38	0%	0	2,280	2,280	-	-	800	0.4
Lindenhurst Middle School	249	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	3	3	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	250	1	Kitchen Hoods - 577	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	38	25	100%	25	0%	0	2,280	2,280	-	-	119	0.1
Lindenhurst Middle School	251	1	Kitchen Hall - 578	2L RLRB F17T8 w/ 2'x2' REF - High Power	Relamp only to TWO 2' LED tubes on existing HBF, electronic ballast	2	2	41	29	100%	29	0%	0	2,280	2,280	-	-	55	0.0
Lindenhurst Middle School	252	1	Office in Kitchen - 579	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst Middle School	253	1	Restroom - 580	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	3,540	3,540	-	-	69	0.0
Lindenhurst Middle School	254	1	Storage - 581	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	1,000	1,000	-	-	39	0.0
Lindenhurst Middle School	255	1	Storage B - 582	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	4	4	57	38	100%	38	0%	0	1,000	1,000	-	-	78	0.1
Lindenhurst Middle School	256	1	Cafeteria-Serving Line - 583	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	18	18	57	38	100%	38	0%	0	2,820	2,820	-	-	990	0.4
Lindenhurst Middle School	257	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	4	4	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	259	1	Classroom N109	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	12	12	38	25	100%	25	0%	0	1,810	1,810	-	-	282	0.2
Lindenhurst Middle School	259	1	Classroom N109	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	12	12	21	13	100%	13	0%	0	1,810	1,810	-	-	185	0.1
Lindenhurst Middle School	260	1	Classroom N111	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	12	12	38	25	100%	25	0%	0	1,810	1,810	-	-	282	0.2
Lindenhurst Middle School	260	1	Classroom N111	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	12	12	21	13	100%	13	0%	0	1,810	1,810	-	-	185	0.1
Lindenhurst Middle School	261	1	Classroom N113	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	12	12	38	25	100%	25	0%	0	1,810	1,810	-	-	282	0.2
Lindenhurst Middle School	261	1	Classroom N113	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	12	12	21	13	100%	13	0%	0	1,810	1,810	-	-	185	0.1
Lindenhurst Middle School	262	1	Classroom N115	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	12	12	38	25	100%	25	0%	0	1,810	1,810	-	-	282	0.2
Lindenhurst Middle School	262	1	Classroom N115	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	12	12	21	13	100%	13	0%	0	1,810	1,810	-	-	185	0.1
Lindenhurst Middle School	263	1	Classroom N117	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	12	12	38	25	100%	25	0%	0	1,810	1,810	-	-	282	0.2
Lindenhurst Middle School	263	1	Classroom N117	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	12	12	21	13	100%	13	0%	0	1,810	1,810	-	-	185	0.1
Lindenhurst Middle School	264	1	Classroom N119	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	16	16	38	25	100%	25	0%	0	1,810	1,810	-	-	376	0.2
Lindenhurst Middle School	264	1	Classroom N119	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	16	16	21	13	100%	13	0%	0	1,810	1,810	-	-	246	0.1
Lindenhurst Middle School	266	1	Hall by Kitchen - 584	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	3,680	3,680	-	-	215	0.1
Lindenhurst Middle School	267	1	Hall to Gym E - 585	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	11	11	57	38	100%	38	0%	0	3,680	3,680	-	-	789	0.2
Lindenhurst Middle School	268	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	269	1	Hall to Gym E - 585	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,680	3,680	-	-	31	0.0
Lindenhurst Middle School	270	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	271	1	Hall by Gym Entry - 586	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	1	1	60	37	100%	37	0%	0	3,680	3,680	-	-	85	0.0
Lindenhurst Middle School	272	1	Hall by Gym Entry - 586	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,680	3,680	-	-	144	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst Middle School	273	1	Hall Display Case	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	2,820	2,820	-	-	39	0.0
Lindenhurst Middle School	274	1	Boys' Restroom - 587	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	3,540	3,540	-	-	69	0.0
Lindenhurst Middle School	275	1	Boys' Restroom - 587	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,540	3,540	-	-	30	0.0
Lindenhurst Middle School	276	1	Elevator - 588	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	8,760	8,760	-	-	228	0.0
Lindenhurst Middle School	277	1	Girls' Restroom - 589	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	2	2	60	37	100%	37	0%	0	3,540	3,540	-	-	163	0.0
Lindenhurst Middle School	278	1	Gym - 590	NEW 2'x4' 6L T8 HIGH BAY w/ LENS, WIREGUARD & Bi-Level Control - High Power	16,000 Lumen High Bay with Adaptable Controls with Wire Guard	36	36	186	121	70%	85	30%	36	3,540	1,416	1,062	1,062	17,998	3.6
Lindenhurst Middle School	279	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	6	6	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	280	1	Storage S1 - 591	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	1,000	1,000	-	-	10	0.0
Lindenhurst Middle School	281	1	Storage S2 - 592	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	1,000	1,000	-	-	14	0.0
Lindenhurst Middle School	282	1	Storage S3 - 593	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	1,000	1,000	-	-	14	0.0
Lindenhurst Middle School	283	1	Office - 594	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	2	2	60	37	100%	37	0%	0	2,790	2,790	-	-	128	0.0
Lindenhurst Middle School	285	1	Hall-East Wing - 595	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	21	21	38	25	100%	25	0%	0	3,680	3,680	-	-	1,005	0.3
Lindenhurst Middle School	286	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	287	1	Hall-East Wing	Fluorescent, (1) 48" 28W STD T5 lamp	LED 4FT Board and Driver Retrofit Kit	10	10	32	28	100%	28	0%	0	2,820	2,820	-	-	113	0.0
Lindenhurst Middle School	288	1	Hall-East Wing	Fluorescent, (1) 48" 28W STD T5 lamp	LED 4FT Board and Driver Retrofit Kit	10	10	32	28	100%	28	0%	0	2,820	2,820	-	-	113	0.0
Lindenhurst Middle School	289	1	Classroom E102	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Lindenhurst Middle School	290	1	Classroom E102	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst Middle School	291	1	Faculty E104	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	2,790	2,790	-	-	172	0.1
Lindenhurst Middle School	292	1	Faculty E104	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	2,790	2,790	-	-	117	0.0
Lindenhurst Middle School	293	1	Faculty E104	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	2,790	2,790	-	-	47	0.0
Lindenhurst Middle School	294	1	Faculty E104	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	2,790	2,790	-	-	78	0.0
Lindenhurst Middle School	295	1	Classroom E105	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Lindenhurst Middle School	296	1	Classroom E105	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst Middle School	297	1	Classroom E107	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst Middle School	298	1	Classroom E107	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst Middle School	299	1	Women's Restroom - 596	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	3	3	60	37	100%	37	0%	0	3,540	3,540	-	-	244	0.1
Lindenhurst Middle School	300	1	Storage E110-Books	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	4	4	60	37	100%	37	0%	0	1,000	1,000	-	-	92	0.1
Lindenhurst Middle School	301	1	Classroom E109	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Lindenhurst Middle School	302	1	Classroom E109	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst Middle School	303	1	Classroom E111	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Lindenhurst Middle School	304	1	Classroom E111	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst Middle School	305	1	Storage E114-Books	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	5	5	57	38	100%	38	0%	0	1,000	1,000	-	-	98	0.1
Lindenhurst Middle School	306	1	Classroom E113	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Lindenhurst Middle School	307	1	Classroom E113	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst Middle School	308	1	Men's Restroom - 597	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,540	3,540	-	-	138	0.0
Lindenhurst Middle School	309	1	Women's Restroom - 598	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,540	3,540	-	-	138	0.0
Lindenhurst Middle School	310	1	Custodian Closet - 599	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst Middle School	311	1	Custodian Closet - 600	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst Middle School	312	1	Classroom E115	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Lindenhurst Middle School	313	1	Classroom E115	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst Middle School	314	1	Classroom E120	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	315	1	Classroom E117	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Lindenhurst Middle School	316	1	Classroom E117	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst Middle School	317	1	Classroom E122	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	318	1	Classroom E119	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Lindenhurst Middle School	319	1	Classroom E119	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst Middle School	320	1	Classroom E124	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	321	1	Classroom E121	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst Middle School	322	1	Classroom E121	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst Middle School	323	1	Classroom E126	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	324	1	Classroom E123	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Lindenhurst Middle School	325	1	Classroom E123	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst Middle School	326	1	Office E125	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	2,790	2,790	-	-	172	0.1
Lindenhurst Middle School	327	1	Closet in E125 - 601	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst Middle School	328	1	Closet in E125 - 601	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst Middle School	329	1	Hall in E125 - 602	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,680	3,680	-	-	31	0.0
Lindenhurst Middle School	331	1	Hall-Lobby by S102 - 603	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	4	4	60	37	100%	37	0%	0	3,680	3,680	-	-	339	0.1
Lindenhurst Middle School	332	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	333	1	Hall-South Wing - 604	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	2	2	60	37	100%	37	0%	0	3,680	3,680	-	-	169	0.0
Lindenhurst Middle School	334	1	Hall-South Wing - 604	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	15	15	38	25	100%	25	0%	0	3,680	3,680	-	-	718	0.2
Lindenhurst Middle School	335	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	336	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	337	1	Storage elevator - 605	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Lindenhurst Middle School	338	1	Storage - 606	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	4	4	60	37	100%	37	0%	0	1,000	1,000	-	-	92	0.1
Lindenhurst Middle School	339	1	Storage S102	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	4	4	57	38	100%	38	0%	0	1,000	1,000	-	-	78	0.1
Lindenhurst Middle School	340	1	Office S103-Coordinator	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	8	8	57	38	100%	38	0%	0	2,790	2,790	-	-	435	0.2
Lindenhurst Middle School	341	1	Guidance S104	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	2,790	2,790	-	-	163	0.1
Lindenhurst Middle School	342	1	Guidance S104 - Copy	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	2,790	2,790	-	-	54	0.0
Lindenhurst Middle School	343	1	Guidance S104A	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst Middle School	344	1	Guidance S104B	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst Middle School	345	1	Guidance S104 Hall - S106A	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	4	4	57	38	100%	38	0%	0	2,790	2,790	-	-	218	0.1
Lindenhurst Middle School	346	1	Guidance S104C	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst Middle School	347	1	Guidance S104 Conference - S106B	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	1,810	1,810	-	-	106	0.1
Lindenhurst Middle School	348	1	Guidance S104D	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst Middle School	349	1	Guidance S104E	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst Middle School	350	1	Guidance S104F	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst Middle School	351	1	Guidance S106	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	4	4	57	38	100%	38	0%	0	2,790	2,790	-	-	218	0.1
Lindenhurst Middle School	352	1	Office-Main - S105	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	8	8	57	38	100%	38	0%	0	2,790	2,790	-	-	435	0.2
Lindenhurst Middle School	353	1	Closet in Main Office - 607	2L RLRB F17T8 w/ 2'x2' REF - High Power	Relamp only to TWO 2' LED tubes on existing HBF, electronic ballast	1	1	41	29	100%	29	0%	0	1,000	1,000	-	-	12	0.0
Lindenhurst Middle School	354	1	Main Office Hall - 608	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	4	4	60	37	100%	37	0%	0	3,680	3,680	-	-	339	0.1
Lindenhurst Middle School	355	1	Restroom in Main Office - 609	2L RLRB F17T8 w/ 2'x2' REF - High Power	Relamp only to TWO 2' LED tubes on existing HBF, electronic ballast	1	1	41	29	100%	29	0%	0	1,000	1,000	-	-	12	0.0
Lindenhurst Middle School	356	1	Closet in Main Office - 610	13W CFSI RELAMP ONLY	10W LED A19 bulb	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst Middle School	357	1	Principal Secretary Area - 611	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst Middle School	358	1	Principal - 612	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	5	5	57	38	100%	38	0%	0	2,790	2,790	-	-	272	0.1
Lindenhurst Middle School	359	1	Restroom in Principal - 613	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	1	1	60	37	100%	37	0%	0	1,000	1,000	-	-	23	0.0
Lindenhurst Middle School	360	1	Classroom S108	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	6	6	43	29	100%	29	0%	0	1,810	1,810	-	-	152	0.1
Lindenhurst Middle School	361	1	Lobby - 614	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	38	25	100%	25	0%	0	3,680	3,680	-	-	287	0.1
Lindenhurst Middle School	362	1	Lobby inside canopy - 615	Compact Fluorescent, quad, (2) 13W lamp	2-8W LED PL Lamp (G24 Base)	8	8	30	16	100%	16	0%	0	3,680	3,680	-	-	412	0.1
Lindenhurst Middle School	363	1	Hallway Display Case	1L RLRB F25T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	2,820	2,820	-	-	48	0.0
Lindenhurst Middle School	364	1	Classroom S110	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	85	58	100%	58	0%	0	1,810	1,810	-	-	147	0.1
Lindenhurst Middle School	365	1	Hall to Book Storage by S114 - 616	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,680	3,680	-	-	31	0.0
Lindenhurst Middle School	366	1	Book Storage by S114 - 617	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	4	4	21	13	100%	13	0%	0	1,000	1,000	-	-	34	0.0
Lindenhurst Middle School	367	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	368	1	Nurse's Office S109/107 - 618	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	6	6	57	38	100%	38	0%	0	2,790	2,790	-	-	326	0.1
Lindenhurst Middle School	369	1	Nurse's Office S109/107 Waiting room - 619	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	2,790	2,790	-	-	54	0.0
Lindenhurst Middle School	370	1	Restroom in S109/107 - 620	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst Middle School	371	1	Small Storage S109/107 - 621	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst Middle School	372	1	S107A	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst Middle School	373	1	Nurse's Office S109/107 - 618	13W CFSI RELAMP ONLY	10W LED A19 bulb	3	3	15	10	100%	10	0%	0	2,790	2,790	-	-	42	0.0
Lindenhurst Middle School	374	1	Classroom room S112	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	85	58	100%	58	0%	0	1,810	1,810	-	-	147	0.1
Lindenhurst Middle School	375	1	Classroom room S112	1L RLRB F32T8 - Normal Power	Relamp only to low wattage 4' LED tube on existing NBF, electronic ballast	3	3	23	15	100%	15	0%	0	1,810	1,810	-	-	46	0.0
Lindenhurst Middle School	376	1	Women's Restroom - 622	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,540	3,540	-	-	46	0.0
Lindenhurst Middle School	377	1	Men's Restroom - 623	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,540	3,540	-	-	46	0.0
Lindenhurst Middle School	378	1	Electrical Panel Room - 624	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	1	1	20	8	100%	8	0%	0	1,000	1,000	-	-	12	0.0
Lindenhurst Middle School	379	1	Classroom S114	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Lindenhurst Middle School	380	1	Classroom S114	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Lindenhurst Middle School	381	1	Stair by S118 - 625	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,680	3,680	-	-	31	0.0
Lindenhurst Middle School	382	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	383	1	Storage in S118 - 626	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Lindenhurst Middle School	384	1	Stairs to social worker - 627	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,680	3,680	-	-	31	0.0
Lindenhurst Middle School	385	1	Stairs to social worker - 627	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,680	3,680	-	-	96	0.0
Lindenhurst Middle School	386	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	387	1	Office S116A	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	4	4	57	38	100%	38	0%	0	2,790	2,790	-	-	218	0.1
Lindenhurst Middle School	388	1	Office S116B	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst Middle School	389	1	Office S116C	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst Middle School	390	1	Office S116D	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
Lindenhurst Middle School	391	1	Office S116E	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst Middle School	392	1	Office S116F	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Lindenhurst Middle School	393	1	Classroom S118	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	75	50	100%	50	0%	0	1,810	1,810	-	-	136	0.1
Lindenhurst Middle School	394	1	Classroom S118	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	1,810	1,810	-	-	106	0.1

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst Middle School	395	1	Hall K in South Wing - 628	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	5	5	38	25	100%	25	0%	0	3,680	3,680	-	-	239	0.1
Lindenhurst Middle School	396	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	397	1	Display in Hall K	Fluorescent, (1) 48" 28W STD T5 lamp	LED 4FT Board and Driver Retrofit Kit	10	10	32	28	100%	28	0%	0	2,820	2,820	-	-	113	0.0
Lindenhurst Middle School	398	1	Book Club S119	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	5	5	38	25	100%	25	0%	0	2,790	2,790	-	-	181	0.1
Lindenhurst Middle School	399	1	Hallway Display Case	Compact Fluorescent, quad, (1) 15W lamp	8W LED PL Lamp (G24 Base)	8	8	18	8	100%	8	0%	0	2,820	2,820	-	-	226	0.1
Lindenhurst Middle School	400	1	Classroom W102	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	1,810	1,810	-	-	318	0.2
Lindenhurst Middle School	401	1	Custodian Closet - 629	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Lindenhurst Middle School	403	1	Hallway to Technology I - 630	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	7	7	38	25	100%	25	0%	0	3,680	3,680	-	-	335	0.1
Lindenhurst Middle School	404	1	Hallway to Technology J - 631	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	11	11	38	25	100%	25	0%	0	3,680	3,680	-	-	526	0.1
Lindenhurst Middle School	405	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	406	1	Classroom S136	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	6	6	60	37	100%	37	0%	0	1,810	1,810	-	-	250	0.1
Lindenhurst Middle School	407	1	Classroom S137	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Lindenhurst Middle School	408	1	Storage in S137 - 632	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	4	4	15	10	100%	10	0%	0	1,000	1,000	-	-	20	0.0
Lindenhurst Middle School	409	1	Laboratory S135	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	24	24	75	50	100%	50	0%	0	1,810	1,810	-	-	1,086	0.6
Lindenhurst Middle School	410	1	Laboratory S135 - 633	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	4	4	15	10	100%	10	0%	0	1,000	1,000	-	-	20	0.0
Lindenhurst Middle School	411	1	Laboratory S134	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	24	24	75	50	100%	50	0%	0	1,810	1,810	-	-	1,086	0.6
Lindenhurst Middle School	412	1	Laboratory S134 - 634	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Lindenhurst Middle School	413	1	Laboratory S134 - 634	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst Middle School	414	1	Laboratory S132	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	18	18	75	50	100%	50	0%	0	1,810	1,810	-	-	815	0.5
Lindenhurst Middle School	415	1	Laboratory S132 - 635	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	4	4	15	10	100%	10	0%	0	1,000	1,000	-	-	20	0.0
Lindenhurst Middle School	416	1	Laboratory S133	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	17	17	75	50	100%	50	0%	0	1,810	1,810	-	-	769	0.4
Lindenhurst Middle School	417	1	Laboratory S133 - 636	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	38	25	100%	25	0%	0	1,000	1,000	-	-	52	0.1
Lindenhurst Middle School	418	1	Classroom S131	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	9	9	75	50	100%	50	0%	0	1,810	1,810	-	-	407	0.2
Lindenhurst Middle School	419	1	Classroom S131 - 637	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst Middle School	420	1	Classroom S130	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	9	9	75	50	100%	50	0%	0	1,810	1,810	-	-	407	0.2
Lindenhurst Middle School	421	1	Classroom S130 - 638	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	1,000	1,000	-	-	10	0.0
Lindenhurst Middle School	422	1	Classroom S130 - 639	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	2	2	20	8	100%	8	0%	0	1,000	1,000	-	-	24	0.0
Lindenhurst Middle School	424	B	Mechanical-Compressor Room - 700	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Lindenhurst Middle School	425	B	Mechanical-Compressor Room - 700	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Lindenhurst Middle School	426	B	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	427	B	Stairs - 701	13W CFSI RELAMP ONLY	10W LED A19 bulb	1	1	15	10	100%	10	0%	0	3,680	3,680	-	-	18	0.0
Lindenhurst Middle School	428	B	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	429	B	Storage - 702	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	1,000	1,000	-	-	10	0.0
Lindenhurst Middle School	430	B	Storage - 703	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Lindenhurst Middle School	431	B	Storage - 704	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	5	5	21	13	100%	13	0%	0	1,000	1,000	-	-	43	0.0
Lindenhurst Middle School	432	B	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	433	B	Boiler Room - 705	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	12	12	38	25	100%	25	0%	0	2,400	2,400	-	-	374	0.2
Lindenhurst Middle School	434	B	Storage - 706	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	3	3	27	20	100%	20	0%	0	1,000	1,000	-	-	21	0.0
Lindenhurst Middle School	435	B	Storage - 707	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Lindenhurst Middle School	436	B	Storage - 708	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	1,000	1,000	-	-	20	0.0
Lindenhurst Middle School	437	B	Electrical Panels - 709	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Lindenhurst Middle School	438	B	Electrical Panels - 709	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	11	11	15	10	100%	10	0%	0	1,000	1,000	-	-	55	0.1
Lindenhurst Middle School	439	B	Electrical Panels - 709	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst Middle School	440	B	Electrical Panels - 709	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Lindenhurst Middle School	441	B	Storage - 710	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	1,000	1,000	-	-	39	0.0
Lindenhurst Middle School	442	B	Storage-Pipe 711	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	3	3	21	13	100%	13	0%	0	1,000	1,000	-	-	26	0.0
Lindenhurst Middle School	444	B	Stairs to Boys Lockers - 800	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,680	3,680	-	-	144	0.0
Lindenhurst Middle School	445	B	Stairs to Boys Lockers - 800	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	2	2	20	8	100%	8	0%	0	3,680	3,680	-	-	88	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst Middle School	446	B	Stairs to Boys Lockers - 800	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,680	3,680	-	-	96	0.0
Lindenhurst Middle School	447	B	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	448	B	Closet - 801	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	1,000	1,000	-	-	20	0.0
Lindenhurst Middle School	449	B	Boys' Lockers Storage - 802	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,000	1,000	-	-	26	0.0
Lindenhurst Middle School	450	B	Boys' Lockers - 803	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	35	35	38	25	100%	25	0%	0	3,540	3,540	-	-	1,611	0.5
Lindenhurst Middle School	451	B	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	452	B	Storage A - 804	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,000	1,000	-	-	26	0.0
Lindenhurst Middle School	453	B	Storage B - 805	13W CFSI RELAMP ONLY	10W LED A19 bulb	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst Middle School	454	B	Office-Coach - 806	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	2	2	60	37	100%	37	0%	0	2,790	2,790	-	-	128	0.0
Lindenhurst Middle School	455	B	Restroom in Coach - 807	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	1,000	1,000	-	-	10	0.0
Lindenhurst Middle School	456	B	Sink Room - 808	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst Middle School	457	B	Showers - 808A	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	1,000	1,000	-	-	20	0.0
Lindenhurst Middle School	458	B	Gym -Weight Room - 809	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	22	22	57	38	100%	38	0%	0	3,540	3,540	-	-	1,519	0.4
Lindenhurst Middle School	459	B	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	460	B	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	4	4	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	461	B	Restrooms Area in Locker - 810	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,540	3,540	-	-	138	0.0
Lindenhurst Middle School	462	B	Restrooms Area in Locker - 810	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	2	2	20	8	100%	8	0%	0	3,540	3,540	-	-	85	0.0
Lindenhurst Middle School	463	B	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	464	B	Team Room - 811	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	8	8	38	25	100%	25	0%	0	3,540	3,540	-	-	368	0.1
Lindenhurst Middle School	465	B	Team Room - 811	NEW 1'x4' 2L VANITY - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,540	3,540	-	-	46	0.0
Lindenhurst Middle School	466	B	Hall - 812	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,680	3,680	-	-	96	0.0
Lindenhurst Middle School	467	B	Hall - 812	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,680	3,680	-	-	48	0.0
Lindenhurst Middle School	468	B	Stairs to Girls Lockers - 813	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,680	3,680	-	-	144	0.0
Lindenhurst Middle School	469	B	Stairs to Girls Lockers - 813	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	2	2	20	8	100%	8	0%	0	3,680	3,680	-	-	88	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst Middle School	470	B	Stairs to Girls Lockers - 813	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	38	25	100%	25	0%	0	3,680	3,680	-	-	191	0.1
Lindenhurst Middle School	471	B	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	472	B	Locker, Girls' - Canopy - 814	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	2	2	20	8	100%	8	0%	0	3,540	3,540	-	-	85	0.0
Lindenhurst Middle School	473	B	Locker, Girls' - 815	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	1	1	20	8	100%	8	0%	0	3,540	3,540	-	-	42	0.0
Lindenhurst Middle School	474	B	Locker, Girls' - 815	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	37	37	38	25	100%	25	0%	0	3,540	3,540	-	-	1,703	0.5
Lindenhurst Middle School	475	B	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	476	B	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	477	B	Restroom Area - 816	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	3,540	3,540	-	-	60	0.0
Lindenhurst Middle School	478	B	Showers - 817	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	1,000	1,000	-	-	20	0.0
Lindenhurst Middle School	479	B	Restroom Area - 818	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,540	3,540	-	-	138	0.0
Lindenhurst Middle School	480	B	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	481	B	Sink - 819	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Lindenhurst Middle School	482	B	Office-Coach - 820	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	2	2	60	37	100%	37	0%	0	2,790	2,790	-	-	128	0.0
Lindenhurst Middle School	483	B	Restroom in Coach - 821	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	1,000	1,000	-	-	10	0.0
Lindenhurst Middle School	484	B	Storage in Coach - 822	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	1,000	1,000	-	-	20	0.0
Lindenhurst Middle School	485	B	Elevator Mechanical Room - 823	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,000	1,000	-	-	26	0.0
Lindenhurst Middle School	486	B	Boiler Room - 824	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	2,400	2,400	-	-	94	0.0
Lindenhurst Middle School	487	B	Boiler Room - 824	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	2,400	2,400	-	-	94	0.0
Lindenhurst Middle School	488	B	Boiler Room - 824	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	2,400	2,400	-	-	12	0.0
Lindenhurst Middle School	489	B	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Lindenhurst Middle School	491	E	Front walk and Drive	High Pressure Sodium, (1) 200W lamp	40W LED 14" Flood Type Wall Pack Fixture	7	7	238	40	100%	40	0%	0	4,380	4,380	-	-	6,071	1.4
Lindenhurst Middle School	492	E	Front Door	Compact Fluorescent, (1) 42W lamp	40W LED Flood Light Fixture 1/2" NPT Mount Included	4	4	42	40	100%	40	0%	0	4,380	4,380	-	-	35	0.0
Lindenhurst Middle School	493	E	Front Right	NEW 320W PSMH PARAFLOOD w/ PHOTOCELL	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
Lindenhurst Middle School	494	E	Front right by ramp	Incandescent, (1) 60W lamp	10W LED A19 bulb	1	1	60	10	100%	10	0%	0	4,380	4,380	-	-	219	0.1

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Lindenhurst Middle School	495	E	Right by Door	NEW 84W CF WALLPACK w/ VANDAL SHIELD, EMERGENCY EGRESS &	40W LED 14" Flood Type Wall Pack Fixture	1	1	84	40	100%	40	0%	0	4,380	4,380	-	-	193	0.0
Lindenhurst Middle School	496	E	Left side of Main Entrance	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
Lindenhurst Middle School	497	E	Left side of Main Entrance by Ramp	Incandescent, (1) 60W lamp	10W LED A19 bulb	1	1	60	10	100%	10	0%	0	4,380	4,380	-	-	219	0.1
Lindenhurst Middle School	498	E	Main Entrance	Compact Fluorescent, quad, (2) 18W lamp	2-8W LED PL Lamp (G24 Base)	18	18	40	16	100%	16	0%	0	4,380	4,380	-	-	1,892	0.4
Lindenhurst Middle School	499	E	Door right of Main Entrance	Compact Fluorescent, quad, (2) 18W lamp	2-8W LED PL Lamp (G24 Base)	4	4	40	16	100%	16	0%	0	4,380	4,380	-	-	420	0.1
Lindenhurst Middle School	500	E	Right by main Entrance	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	2	2	368	120	100%	120	0%	0	4,380	4,380	-	-	2,172	0.5
Lindenhurst Middle School	501	E	Right by main Entrance by a Door	Incandescent, (1) 60W lamp	10W LED A19 bulb	1	1	60	10	100%	10	0%	0	4,380	4,380	-	-	219	0.1
Lindenhurst Middle School	502	E	Right Side after Entrance area	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
Lindenhurst Middle School	503	E	Parking By Tennis	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	2	2	368	120	100%	120	0%	0	4,380	4,380	-	-	2,172	0.5
Lindenhurst Middle School	504	E	Parking By Tennis	NEW 320W PSMH PARAFLOOD w/ PHOTOCELL	120W LED Modular Area/Parking Fixture	4	4	368	120	100%	120	0%	0	4,380	4,380	-	-	4,345	1.0
Lindenhurst Middle School	505	E	Door Area by Gym	NEW 320W PSMH PARAFLOOD w/ VANDAL SHIELD & PHOTOCELL	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
Lindenhurst Middle School	506	E	Door at Gym Area	NEW 84W CF WALLPACK w/ VANDAL SHIELD, EMERGENCY EGRESS &	40W LED 14" Flood Type Wall Pack Fixture	1	1	84	40	100%	40	0%	0	4,380	4,380	-	-	193	0.0
Lindenhurst Middle School	507	E	Side of Gym	Metal Halide, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	4	4	295	70	100%	70	0%	0	4,380	4,380	-	-	3,942	0.9
Lindenhurst Middle School	508	E	Back of Gym	Metal Halide, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	2	2	295	70	100%	70	0%	0	4,380	4,380	-	-	1,971	0.5
Lindenhurst Middle School	509	E	Back of Gym	Metal Halide, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	2	2	295	70	100%	70	0%	0	4,380	4,380	-	-	1,971	0.5
Lindenhurst Middle School	510	E	Side of Gym	Metal Halide, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	4	4	295	70	100%	70	0%	0	4,380	4,380	-	-	3,942	0.9
Lindenhurst Middle School	511	E	Side of Gym Canopy	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	2	2	20	8	100%	8	0%	0	4,380	4,380	-	-	105	0.0
Lindenhurst Middle School	512	E	Left Side	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	2	2	368	120	100%	120	0%	0	4,380	4,380	-	-	2,172	0.5
Lindenhurst Middle School	513	E	Kitchen	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	2	2	20	8	100%	8	0%	0	4,380	4,380	-	-	105	0.0
Lindenhurst Middle School	514	E	Left Side Stage Exit	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
Lindenhurst Middle School	515	E	Left Side Auditorium Exit	High Pressure Sodium, (1) 400W lamp	120W LED Modular Area/Parking Fixture	1	1	465	120	100%	120	0%	0	4,380	4,380	-	-	1,511	0.3
Albany Avenue Elementary School	2	2	Corridor E - 800	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	3,680	3,680	-	-	646	0.2
Albany Avenue Elementary School	3	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Albany Avenue Elementary School	4	2	Stairwell - 801	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,680	3,680	-	-	96	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Albany Avenue Elementary School	5	2	Stairwell - 801	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,680	3,680	-	-	31	0.0
Albany Avenue Elementary School	6	2	Classroom 214	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Albany Avenue Elementary School	7	2	Classroom 214	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Albany Avenue Elementary School	8	2	Classroom 214	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	85	58	100%	58	0%	0	1,810	1,810	-	-	49	0.0
Albany Avenue Elementary School	9	2	Classroom 213	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Albany Avenue Elementary School	10	2	Classroom 213	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Albany Avenue Elementary School	11	2	Classroom 213	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	85	58	100%	58	0%	0	1,810	1,810	-	-	49	0.0
Albany Avenue Elementary School	12	2	Storage in 213 - 213A	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Albany Avenue Elementary School	13	2	Classroom 212	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Albany Avenue Elementary School	13.1	2	Classroom 212	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	85	58	100%	58	0%	0	1,810	1,810	-	-	49	0.0
Albany Avenue Elementary School	13.2	2	Classroom 212	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Albany Avenue Elementary School	14	2	Classroom 215	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Albany Avenue Elementary School	14.1	2	Classroom 215	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	85	58	100%	58	0%	0	1,810	1,810	-	-	49	0.0
Albany Avenue Elementary School	14.2	2	Classroom 215	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Albany Avenue Elementary School	15	2	Classroom 211	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Albany Avenue Elementary School	15.1	2	Classroom 211	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	85	58	100%	58	0%	0	1,810	1,810	-	-	49	0.0
Albany Avenue Elementary School	15.2	2	Classroom 211	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Albany Avenue Elementary School	16	2	Classroom 216	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Albany Avenue Elementary School	17	2	Classroom 216	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Albany Avenue Elementary School	18	2	Classroom 216	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	85	58	100%	58	0%	0	1,810	1,810	-	-	49	0.0
Albany Avenue Elementary School	19	2	Storage 216A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	1,000	1,000	-	-	39	0.0
Albany Avenue Elementary School	20	2	Storage Camera - 802	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	3	3	15	10	100%	10	0%	0	1,000	1,000	-	-	15	0.0
Albany Avenue Elementary School	21	2	Corridor F - 803	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	11	11	57	38	100%	38	0%	0	3,680	3,680	-	-	789	0.2
Albany Avenue Elementary School	22	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Albany Avenue Elementary School	23	2	Stairwell - 804	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,680	3,680	-	-	96	0.0
Albany Avenue Elementary School	24	2	Stairwell - 804	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,680	3,680	-	-	31	0.0
Albany Avenue Elementary School	25	2	Mechanical-Fan Room - 805	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	2	2	20	8	100%	8	0%	0	1,000	1,000	-	-	24	0.0
Albany Avenue Elementary School	26	2	Boys' Restroom - 806	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,540	3,540	-	-	30	0.0
Albany Avenue Elementary School	27	2	Boys' Restroom - 806	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	3,540	3,540	-	-	89	0.0
Albany Avenue Elementary School	28	2	Custodian Closet - 807	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Albany Avenue Elementary School	29	2	Girls' Restroom - 808	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,540	3,540	-	-	30	0.0
Albany Avenue Elementary School	30	2	Girls' Restroom - 808	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	3,540	3,540	-	-	89	0.0
Albany Avenue Elementary School	31	2	Classroom 217	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,990	1,990	-	-	245	0.1
Albany Avenue Elementary School	32	2	Library - 809	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,990	1,990	-	-	122	0.1
Albany Avenue Elementary School	33	2	Library - 809	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,990	1,990	-	-	84	0.0
Albany Avenue Elementary School	34	2	Library - 809	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	85	58	100%	58	0%	0	1,990	1,990	-	-	54	0.0
Albany Avenue Elementary School	35	2	Office B - 810	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	1	1	64	44	100%	44	0%	0	2,790	2,790	-	-	57	0.0
Albany Avenue Elementary School	36	2	Office A - 811	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	2,790	2,790	-	-	39	0.0
Albany Avenue Elementary School	37	2	Corridor G - 812	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	16	16	57	38	100%	38	0%	0	3,680	3,680	-	-	1,148	0.3
Albany Avenue Elementary School	38	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Albany Avenue Elementary School	39	2	Classroom 210	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Albany Avenue Elementary School	39.1	2	Classroom 210	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	85	58	100%	58	0%	0	1,810	1,810	-	-	49	0.0
Albany Avenue Elementary School	39.2	2	Classroom 210	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Albany Avenue Elementary School	40	2	Classroom 205	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Albany Avenue Elementary School	40.1	2	Classroom 205	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	85	58	100%	58	0%	0	1,810	1,810	-	-	49	0.0
Albany Avenue Elementary School	40.2	2	Classroom 205	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Albany Avenue Elementary School	41	2	Classroom 209	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Albany Avenue Elementary School	41.1	2	Classroom 209	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	85	58	100%	58	0%	0	1,810	1,810	-	-	49	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Albany Avenue Elementary School	41.2	2	Classroom 209	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Albany Avenue Elementary School	42	2	Classroom 206	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Albany Avenue Elementary School	42.1	2	Classroom 206	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	85	58	100%	58	0%	0	1,810	1,810	-	-	49	0.0
Albany Avenue Elementary School	42.2	2	Classroom 206	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Albany Avenue Elementary School	43	2	Classroom 207	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Albany Avenue Elementary School	44	2	Classroom 207	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Albany Avenue Elementary School	45	2	Classroom 207	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	85	58	100%	58	0%	0	1,810	1,810	-	-	49	0.0
Albany Avenue Elementary School	46	2	Classroom 207 Storage - 207A	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Albany Avenue Elementary School	47	2	Classroom 208	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Albany Avenue Elementary School	48	2	Classroom 208	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Albany Avenue Elementary School	49	2	Classroom 208	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	85	58	100%	58	0%	0	1,810	1,810	-	-	49	0.0
Albany Avenue Elementary School	50	2	Stairwell - 813	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,680	3,680	-	-	96	0.0
Albany Avenue Elementary School	51	2	Stairwell - 813	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,680	3,680	-	-	31	0.0
Albany Avenue Elementary School	52	2	Girls' Restroom - 814	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	3,540	3,540	-	-	60	0.0
Albany Avenue Elementary School	53	2	Boys' Restroom - 815	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	3,540	3,540	-	-	60	0.0
Albany Avenue Elementary School	54	2	Classroom 204	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Albany Avenue Elementary School	55	2	Classroom 204	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Albany Avenue Elementary School	56	2	Classroom 204	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	85	58	100%	58	0%	0	1,810	1,810	-	-	49	0.0
Albany Avenue Elementary School	57	2	Classroom 203	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Albany Avenue Elementary School	58	2	Classroom 203	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Albany Avenue Elementary School	59	2	Classroom 203	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	85	58	100%	58	0%	0	1,810	1,810	-	-	49	0.0
Albany Avenue Elementary School	60	2	Classroom 202	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Albany Avenue Elementary School	61	2	Classroom 202	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Albany Avenue Elementary School	62	2	Classroom 202	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	85	58	100%	58	0%	0	1,810	1,810	-	-	49	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Albany Avenue Elementary School	63	2	Classroom 202 Storage - 202A	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Albany Avenue Elementary School	64	2	Stairwell - 816	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,680	3,680	-	-	96	0.0
Albany Avenue Elementary School	65	2	Stairwell - 816	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,680	3,680	-	-	31	0.0
Albany Avenue Elementary School	67	1	Corridor C - 817	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	16	16	57	38	100%	38	0%	0	3,680	3,680	-	-	1,148	0.3
Albany Avenue Elementary School	68	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	3	3	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Albany Avenue Elementary School	69	1	Elevator - 818	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	6	6	21	13	100%	13	0%	0	8,760	8,760	-	-	447	0.1
Albany Avenue Elementary School	70	1	Classroom 103	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	1,810	1,810	-	-	51	0.0
Albany Avenue Elementary School	70.1	1	Classroom 103	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	85	58	100%	58	0%	0	1,810	1,810	-	-	98	0.1
Albany Avenue Elementary School	70.2	1	Classroom 103	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	2	2	64	44	100%	44	0%	0	1,810	1,810	-	-	74	0.0
Albany Avenue Elementary School	71	1	Classroom 103 Storage - 103B	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Albany Avenue Elementary School	72	1	Restroom in 103 - 103A	13W CFSI RELAMP ONLY	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	1,000	1,000	-	-	7	0.0
Albany Avenue Elementary School	73	1	Classroom 104	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	1,810	1,810	-	-	51	0.0
Albany Avenue Elementary School	73.1	1	Classroom 104	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	85	58	100%	58	0%	0	1,810	1,810	-	-	98	0.1
Albany Avenue Elementary School	73.2	1	Classroom 104	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	2	2	64	44	100%	44	0%	0	1,810	1,810	-	-	74	0.0
Albany Avenue Elementary School	74	1	Restroom in 104 - 104A	13W CFSI RELAMP ONLY	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	1,000	1,000	-	-	7	0.0
Albany Avenue Elementary School	75	1	Classroom 105	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	1,810	1,810	-	-	51	0.0
Albany Avenue Elementary School	75.1	1	Classroom 105	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	85	58	100%	58	0%	0	1,810	1,810	-	-	98	0.1
Albany Avenue Elementary School	75.2	1	Classroom 105	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	2	2	64	44	100%	44	0%	0	1,810	1,810	-	-	74	0.0
Albany Avenue Elementary School	76	1	Restroom in 105 - 105A	13W CFSI RELAMP ONLY	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	1,000	1,000	-	-	7	0.0
Albany Avenue Elementary School	77	1	Classroom 107	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	6	6	43	29	100%	29	0%	0	1,810	1,810	-	-	152	0.1
Albany Avenue Elementary School	78	1	Classroom 107	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Albany Avenue Elementary School	79	1	Classroom 107	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,810	1,810	-	-	15	0.0
Albany Avenue Elementary School	80	1	Restroom in 107 - 107A	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Albany Avenue Elementary School	81	1	Storage in 107 - 107B	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Albany Avenue Elementary School	82	1	Foyer in 107-108 - 819	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	3,680	3,680	-	-	18	0.0
Albany Avenue Elementary School	83	1	Classroom 106	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Albany Avenue Elementary School	84	1	Classroom 106	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Albany Avenue Elementary School	85	1	Classroom 106	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,810	1,810	-	-	15	0.0
Albany Avenue Elementary School	86	1	Restroom 106 - 106A	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Albany Avenue Elementary School	87	1	Storage in 106 - 106C	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Albany Avenue Elementary School	88	1	Closet in 106 - 106B	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Albany Avenue Elementary School	89	1	Classroom 108	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	4	4	85	58	100%	58	0%	0	1,810	1,810	-	-	195	0.1
Albany Avenue Elementary School	90	1	Classroom 108	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Albany Avenue Elementary School	91	1	Classroom 108	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,810	1,810	-	-	15	0.0
Albany Avenue Elementary School	92	1	Restroom in 108 - 108A	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Albany Avenue Elementary School	93	1	Storage in 108 - 108B	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Albany Avenue Elementary School	94	1	Faculty - 820	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	6	6	57	38	100%	38	0%	0	2,790	2,790	-	-	326	0.1
Albany Avenue Elementary School	95	1	Men's Restroom - 821	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,540	3,540	-	-	46	0.0
Albany Avenue Elementary School	96	1	Women's Restroom - 822	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	3,540	3,540	-	-	25	0.0
Albany Avenue Elementary School	97	1	Custodian Closet - 823	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	1,000	1,000	-	-	20	0.0
Albany Avenue Elementary School	98	1	Corridor A - 824	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	17	17	57	38	100%	38	0%	0	3,680	3,680	-	-	1,220	0.3
Albany Avenue Elementary School	99	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	3	3	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Albany Avenue Elementary School	100	1	Music Room 117	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	2,790	2,790	-	-	343	0.1
Albany Avenue Elementary School	101	1	Hall - 117B	13W CFSI RELAMP ONLY	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	3,680	3,680	-	-	26	0.0
Albany Avenue Elementary School	102	1	Practice Room 1 - 117C	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	880	880	-	-	11	0.0
Albany Avenue Elementary School	103	1	Practice Room 2 - 117D	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	880	880	-	-	11	0.0
Albany Avenue Elementary School	104	1	Practice Room 3 - 117E	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	880	880	-	-	11	0.0
Albany Avenue Elementary School	105	1	Practice Room 4 - 117F	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Albany Avenue Elementary School	106	1	Storage in 117 - 117A	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	3	3	27	20	100%	20	0%	0	1,000	1,000	-	-	21	0.0
Albany Avenue Elementary School	107	1	Office-Speech Lab 116A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
Albany Avenue Elementary School	108	1	Classroom Art 116	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Albany Avenue Elementary School	109	1	Classroom Art 116	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Albany Avenue Elementary School	110	1	Classroom Art 116	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	85	58	100%	58	0%	0	1,810	1,810	-	-	49	0.0
Albany Avenue Elementary School	111	1	Restroom in 116 - 116B	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Albany Avenue Elementary School	112	1	Office 115	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	6	6	43	29	100%	29	0%	0	2,790	2,790	-	-	234	0.1
Albany Avenue Elementary School	113	1	Gym - 825	NEW 2'x4' 4L T5HO HIGH BAY w/ LENS, WIREGUARD & Bi-Level Control	16,000 Lumen High Bay with Adaptable Controls with Wire Guard	12	12	234	121	80%	97	40%	48	3,540	1,416	1,062	1,062	7,679	1.6
Albany Avenue Elementary School	115	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	5	5	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Albany Avenue Elementary School	116	1	Storage in Gym - 826	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Albany Avenue Elementary School	117	1	Office in Gym - 827	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	2,790	2,790	-	-	39	0.0
Albany Avenue Elementary School	118	1	Hall to Locker - 828	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	3,680	3,680	-	-	215	0.1
Albany Avenue Elementary School	119	1	Hall to Locker	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Albany Avenue Elementary School	120	1	Locker, Boys - 829	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	9	9	38	25	100%	25	0%	0	3,540	3,540	-	-	414	0.1
Albany Avenue Elementary School	121	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	4	4	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Albany Avenue Elementary School	122	1	Boys Showers - 829	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	3	3	20	8	100%	8	0%	0	1,000	1,000	-	-	36	0.0
Albany Avenue Elementary School	123	1	Locker, Girls - 830	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	8	8	20	8	100%	8	0%	0	3,540	3,540	-	-	340	0.1
Albany Avenue Elementary School	124	1	Locker, Girls - 830	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	9	9	15	10	100%	10	0%	0	3,540	3,540	-	-	159	0.0
Albany Avenue Elementary School	125	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	4	4	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Albany Avenue Elementary School	126	1	Showers - 830	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	4	4	20	8	100%	8	0%	0	3,540	3,540	-	-	170	0.0
Albany Avenue Elementary School	127	1	Office-Social Worker 114C	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
Albany Avenue Elementary School	128	1	Corridor D - 831	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	8	8	57	38	100%	38	0%	0	3,680	3,680	-	-	574	0.2
Albany Avenue Elementary School	129	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Albany Avenue Elementary School	130	1	Custodian Closet - 832	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Albany Avenue Elementary School	131	1	Classroom 114 Hall - 114D	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,810	1,810	-	-	15	0.0
Albany Avenue Elementary School	132	1	Classroom 114A	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	85	58	100%	58	0%	0	1,810	1,810	-	-	98	0.1
Albany Avenue Elementary School	133	1	Classroom 114B	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	2	2	64	44	100%	44	0%	0	1,810	1,810	-	-	74	0.0
Albany Avenue Elementary School	134	1	Classroom 114B	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,810	1,810	-	-	25	0.0
Albany Avenue Elementary School	135	1	Restroom in 114B - 114E	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Albany Avenue Elementary School	136	1	Classroom 109	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	1,810	1,810	-	-	51	0.0
Albany Avenue Elementary School	136	1	Classroom 109	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	85	58	100%	58	0%	0	1,810	1,810	-	-	49	0.0
Albany Avenue Elementary School	136	1	Classroom 109	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	2	2	64	44	100%	44	0%	0	1,810	1,810	-	-	74	0.0
Albany Avenue Elementary School	136	1	Classroom 109	1L RLRB F32T8 - Normal Power	Relamp only to low wattage 4' LED tube on existing NBF, electronic ballast	3	3	23	15	100%	15	0%	0	1,810	1,810	-	-	46	0.0
Albany Avenue Elementary School	137	1	Restroom in 109 - 109A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Albany Avenue Elementary School	138	1	Classroom 113	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,810	1,810	-	-	25	0.0
Albany Avenue Elementary School	138	1	Classroom 113	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	5	5	85	58	100%	58	0%	0	1,810	1,810	-	-	244	0.1
Albany Avenue Elementary School	139	1	Restroom in 113 - 113A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Albany Avenue Elementary School	140	1	Classroom 110	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,810	1,810	-	-	25	0.0
Albany Avenue Elementary School	140	1	Classroom 110	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	5	5	85	58	100%	58	0%	0	1,810	1,810	-	-	244	0.1
Albany Avenue Elementary School	141	1	Restroom in 110 - 110A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Albany Avenue Elementary School	142	1	Classroom 111	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,810	1,810	-	-	25	0.0
Albany Avenue Elementary School	142	1	Classroom 111	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	5	5	85	58	100%	58	0%	0	1,810	1,810	-	-	244	0.1
Albany Avenue Elementary School	143	1	Restroom in 111 - 111A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Albany Avenue Elementary School	144	1	Storage in 111 - 111B	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Albany Avenue Elementary School	145	1	Classroom 112	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,810	1,810	-	-	25	0.0
Albany Avenue Elementary School	145	1	Classroom 112	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	5	5	85	58	100%	58	0%	0	1,810	1,810	-	-	244	0.1
Albany Avenue Elementary School	146	1	Restroom in 112 - 112A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Albany Avenue Elementary School	147	1	Corridor B - 833	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	5	5	57	38	100%	38	0%	0	3,680	3,680	-	-	359	0.1

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Albany Avenue Elementary School	148	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	3	3	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Albany Avenue Elementary School	149	1	Storage-Books - 835	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	1,000	1,000	-	-	10	0.0
Albany Avenue Elementary School	150	1	Stage - 836	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	8	8	38	25	100%	25	0%	0	1,680	1,680	-	-	175	0.1
Albany Avenue Elementary School	151	1	Stage	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Albany Avenue Elementary School	152	1	Restroom by Custodian Office - 837A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,540	3,540	-	-	46	0.0
Albany Avenue Elementary School	153	1	Custodian Office - 837	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	2,790	2,790	-	-	117	0.0
Albany Avenue Elementary School	154	1	Custodian Office - 837	13W CFSI RELAMP ONLY	10W LED A19 bulb	1	1	15	10	100%	10	0%	0	2,790	2,790	-	-	14	0.0
Albany Avenue Elementary School	155	1	Storage A - 838	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	3	3	20	8	100%	8	0%	0	1,000	1,000	-	-	36	0.0
Albany Avenue Elementary School	156	1	Storage A - 838	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Albany Avenue Elementary School	157	1	Storage A - 838	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Albany Avenue Elementary School	158	1	Restroom in Storage A - 838A	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Albany Avenue Elementary School	159	1	Storage B in Custodian - 839	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	2	2	20	8	100%	8	0%	0	1,000	1,000	-	-	24	0.0
Albany Avenue Elementary School	160	1	Boiler Room - 840	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	7	7	38	25	100%	25	0%	0	2,400	2,400	-	-	218	0.1
Albany Avenue Elementary School	161	1	Boiler Room - 840	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	1	1	20	8	100%	8	0%	0	2,400	2,400	-	-	29	0.0
Albany Avenue Elementary School	162	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Albany Avenue Elementary School	163	1	Cafeteria - 841	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	75	50	100%	50	0%	0	2,820	2,820	-	-	282	0.1
Albany Avenue Elementary School	164	1	Cafeteria - 841	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	2,820	2,820	-	-	423	0.2
Albany Avenue Elementary School	165	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Albany Avenue Elementary School	166	1	Kitchen - 842	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	7	7	75	50	100%	50	0%	0	2,280	2,280	-	-	399	0.2
Albany Avenue Elementary School	167	1	Restroom in Kitchen - 842A	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Albany Avenue Elementary School	168	1	Storage in Kitchen - 842B	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,000	1,000	-	-	26	0.0
Albany Avenue Elementary School	169	1	Lobby - 843	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	12	12	57	38	100%	38	0%	0	3,680	3,680	-	-	861	0.2
Albany Avenue Elementary School	170	1	Lobby	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Albany Avenue Elementary School	171	1	Nurse's Office - 844	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	7	7	57	38	100%	38	0%	0	2,790	2,790	-	-	381	0.1

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Albany Avenue Elementary School	172	1	Nurse's Office - 844B	13W CFSI RELAMP ONLY	10W LED A19 bulb	3	3	15	10	100%	10	0%	0	1,000	1,000	-	-	15	0.0
Albany Avenue Elementary School	173	1	Restroom in Nurse Office - 844A	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Albany Avenue Elementary School	174	1	Office-Psychologist - 845	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	2,790	2,790	-	-	163	0.1
Albany Avenue Elementary School	175	1	Hall Display Case	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	2,820	2,820	-	-	37	0.0
Albany Avenue Elementary School	176	1	Office-Main - 846	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	6	6	57	38	100%	38	0%	0	2,790	2,790	-	-	326	0.1
Albany Avenue Elementary School	177	1	Office-Main Hall - 847	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	2,790	2,790	-	-	54	0.0
Albany Avenue Elementary School	178	1	Storage in Main Office - 848	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	1,000	1,000	-	-	39	0.0
Albany Avenue Elementary School	179	1	Copy Room - 849	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Albany Avenue Elementary School	180	1	Principal - 850	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	5	5	57	38	100%	38	0%	0	2,790	2,790	-	-	272	0.1
Albany Avenue Elementary School	181	1	Restroom in Principal Office - 850A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Albany Avenue Elementary School	182	1	Foyer by Main Office - 851	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	75	50	100%	50	0%	0	3,680	3,680	-	-	184	0.1
Albany Avenue Elementary School	184	E	Front 1	High Pressure Sodium, (1) 400W lamp	120W LED Modular Area/Parking Fixture	2	2	465	120	100%	120	0%	0	4,380	4,380	-	-	3,022	0.7
Albany Avenue Elementary School	185	E	Side 2	High Pressure Sodium, (1) 400W lamp	120W LED Modular Area/Parking Fixture	1	1	465	120	100%	120	0%	0	4,380	4,380	-	-	1,511	0.3
Albany Avenue Elementary School	186	E	Main Door 3	Incandescent, (1) 60W lamp	10W LED A19 bulb	1	1	60	10	100%	10	0%	0	4,380	4,380	-	-	219	0.1
Albany Avenue Elementary School	187	E	Left Side Door 4	Incandescent, (1) 60W lamp	10W LED A19 bulb	1	1	60	10	100%	10	0%	0	4,380	4,380	-	-	219	0.1
Albany Avenue Elementary School	188	E	Left side Pole5	High Pressure Sodium, (1) 400W lamp	120W LED Modular Area/Parking Fixture	1	1	465	120	100%	120	0%	0	4,380	4,380	-	-	1,511	0.3
Albany Avenue Elementary School	189	E	Left side by 107 6	High Pressure Sodium, (1) 70W lamp	30W LED Low Profile Flood Type Wall Pack Fixture w/ Integrated Photocell	1	1	95	30	100%	30	0%	0	4,380	4,380	-	-	285	0.1
Albany Avenue Elementary School	190	E	Cano by 10-1067	Metal Halide, (1) 100W lamp	40W LED Square Canopy Fixture 11.75" X 11.75" Surface Mount	4	4	128	40	100%	40	0%	0	4,380	4,380	-	-	1,542	0.4
Albany Avenue Elementary School	191	E	Wall Pack by 108 8	High Pressure Sodium, (1) 400W lamp	120W LED Modular Area/Parking Fixture	1	1	465	120	100%	120	0%	0	4,380	4,380	-	-	1,511	0.3
Albany Avenue Elementary School	192	E	Wall Pack by Hall A 9	High Pressure Sodium, (1) 400W lamp	120W LED Modular Area/Parking Fixture	1	1	465	120	100%	120	0%	0	4,380	4,380	-	-	1,511	0.3
Albany Avenue Elementary School	193	E	Pole by 111 10	High Pressure Sodium, (1) 400W lamp	120W LED Modular Area/Parking Fixture	1	1	465	120	100%	120	0%	0	4,380	4,380	-	-	1,511	0.3
Albany Avenue Elementary School	194	E	Cano by 112 11	Fluorescent, Circlite, (1) 22W/32W lamp, preheat ballast	LED OUTDOOR DRUM FIXTURE 12IN, 12W,4000K,900LM	1	1	58	12	100%	12	0%	0	4,380	4,380	-	-	201	0.0
Albany Avenue Elementary School	195	E	Pole in the Back 12	High Pressure Sodium, (1) 400W lamp	120W LED Modular Area/Parking Fixture	1	1	465	120	100%	120	0%	0	4,380	4,380	-	-	1,511	0.3
Albany Avenue Elementary School	196	E	Wall Pack by Lockers 13-15	High Pressure Sodium, (1) 400W lamp	120W LED Modular Area/Parking Fixture	3	3	465	120	100%	120	0%	0	4,380	4,380	-	-	4,533	1.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Albany Avenue Elementary School	197	E	Poles on Right side 16-18	High Pressure Sodium, (1) 400W lamp	120W LED Modular Area/Parking Fixture	3	3	465	120	100%	120	0%	0	4,380	4,380	-	-	4,533	1.0
Albany Avenue Elementary School	198	E	Wall Pack by Gym 19-20	Metal Halide, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	2	2	295	70	100%	70	0%	0	4,380	4,380	-	-	1,971	0.5
Albany Avenue Elementary School	199	E	Cano by 117 Door 21	Fluorescent, Circlite, (1) 22W/32W lamp, preheat ballast	LED OUTDOOR DRUM FIXTURE 12IN, 12W,4000K,900LM	1	1	58	12	100%	12	0%	0	4,380	4,380	-	-	201	0.0
Albany Avenue Elementary School	200	E	Custodian.. 22	High Pressure Sodium, (1) 400W lamp	120W LED Modular Area/Parking Fixture	1	1	465	120	100%	120	0%	0	4,380	4,380	-	-	1,511	0.3
Albany Avenue Elementary School	201	E	Boiler 23	High Pressure Sodium, (1) 400W lamp	120W LED Modular Area/Parking Fixture	1	1	465	120	100%	120	0%	0	4,380	4,380	-	-	1,511	0.3
Alleghany Avenue Elementary School	2	1	Corridor E - 800	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	6	6	57	38	100%	38	0%	0	3,680	3,680	-	-	431	0.1
Alleghany Avenue Elementary School	3	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Alleghany Avenue Elementary School	4	1	Classroom 125	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	4	4	64	44	100%	44	0%	0	1,810	1,810	-	-	148	0.1
Alleghany Avenue Elementary School	5	1	Classroom 125	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	1	1	64	44	100%	44	0%	0	1,810	1,810	-	-	37	0.0
Alleghany Avenue Elementary School	6	1	Classroom 125	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	1,810	1,810	-	-	51	0.0
Alleghany Avenue Elementary School	6.1	1	Classroom 125 Foyer	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,810	1,810	-	-	24	0.0
Alleghany Avenue Elementary School	7	1	Restroom in 125 - 125A	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,000	1,000	-	-	14	0.0
Alleghany Avenue Elementary School	8	1	Closet in 125 - 125B	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Alleghany Avenue Elementary School	9	1	Classroom 123	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	4	4	64	44	100%	44	0%	0	1,810	1,810	-	-	148	0.1
Alleghany Avenue Elementary School	10	1	Classroom 123	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	1	1	64	44	100%	44	0%	0	1,810	1,810	-	-	37	0.0
Alleghany Avenue Elementary School	11	1	Classroom 123	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	1,810	1,810	-	-	51	0.0
Alleghany Avenue Elementary School	12	1	Closet in 123 - 123B	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Alleghany Avenue Elementary School	13	1	Restroom in 123 - 123A	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	3,540	3,540	-	-	50	0.0
Alleghany Avenue Elementary School	14	1	Foyer 121-123 - 801	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	3,680	3,680	-	-	26	0.0
Alleghany Avenue Elementary School	15	1	Foyer 121-123	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Alleghany Avenue Elementary School	16	1	Classroom 121	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	4	4	64	44	100%	44	0%	0	1,810	1,810	-	-	148	0.1
Alleghany Avenue Elementary School	17	1	Classroom 121	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	1	1	64	44	100%	44	0%	0	1,810	1,810	-	-	37	0.0
Alleghany Avenue Elementary School	18	1	Classroom 121	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	1,810	1,810	-	-	51	0.0
Alleghany Avenue Elementary School	19	1	Closet in 121 - 121B	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Alleghany Avenue Elementary School	20	1	Restroom in 121 - 121A	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	3,540	3,540	-	-	50	0.0
Alleghany Avenue Elementary School	21	1	Corridor B - 802	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	15	15	57	38	100%	38	0%	0	3,680	3,680	-	-	1,076	0.3
Alleghany Avenue Elementary School	22	1	Corridor B	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Alleghany Avenue Elementary School	23	1	Classroom 124	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	2	2	64	44	100%	44	0%	0	1,810	1,810	-	-	74	0.0
Alleghany Avenue Elementary School	24	1	Classroom 124	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	4	4	43	29	100%	29	0%	0	1,810	1,810	-	-	101	0.1
Alleghany Avenue Elementary School	25	1	Restroom in 124 - 124A	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	3,540	3,540	-	-	50	0.0
Alleghany Avenue Elementary School	26	1	Classroom 119	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	2	2	64	44	100%	44	0%	0	1,810	1,810	-	-	74	0.0
Alleghany Avenue Elementary School	27	1	Classroom 119	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	4	4	43	29	100%	29	0%	0	1,810	1,810	-	-	101	0.1
Alleghany Avenue Elementary School	28	1	Restroom in 119 - 119A	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	3,540	3,540	-	-	50	0.0
Alleghany Avenue Elementary School	29	1	Classroom 122	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	2	2	64	44	100%	44	0%	0	1,810	1,810	-	-	74	0.0
Alleghany Avenue Elementary School	30	1	Classroom 122	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	4	4	43	29	100%	29	0%	0	1,810	1,810	-	-	101	0.1
Alleghany Avenue Elementary School	31	1	Restroom in 122 - 122A	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	3,540	3,540	-	-	50	0.0
Alleghany Avenue Elementary School	32	1	Classroom 117	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	2	2	64	44	100%	44	0%	0	1,810	1,810	-	-	74	0.0
Alleghany Avenue Elementary School	33	1	Classroom 117	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	1,810	1,810	-	-	51	0.0
Alleghany Avenue Elementary School	33.1	1	Classroom 117	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	85	58	100%	58	0%	0	1,810	1,810	-	-	49	0.0
Alleghany Avenue Elementary School	34	1	Restroom in 117 - 117A	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	3,540	3,540	-	-	50	0.0
Alleghany Avenue Elementary School	35	1	Classroom 120	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Alleghany Avenue Elementary School	36	1	Classroom 120	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Alleghany Avenue Elementary School	37	1	Classroom 115	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Alleghany Avenue Elementary School	38	1	Classroom 115	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Alleghany Avenue Elementary School	39	1	Classroom 118	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Alleghany Avenue Elementary School	40	1	Classroom 118	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Alleghany Avenue Elementary School	41	1	Classroom 113	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Alleghany Avenue Elementary School	42	1	Classroom 113	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Alleghany Avenue Elementary School	43	1	Classroom 116	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Alleghany Avenue Elementary School	44	1	Classroom 116	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Alleghany Avenue Elementary School	45	1	Classroom 111	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Alleghany Avenue Elementary School	46	1	Classroom 111	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Alleghany Avenue Elementary School	47	1	Classroom 114 Art Room	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	6	6	60	37	100%	37	0%	0	1,810	1,810	-	-	250	0.1
Alleghany Avenue Elementary School	48	1	Storage - 803	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	1,000	1,000	-	-	10	0.0
Alleghany Avenue Elementary School	49	1	Girls' Restroom - 804	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	3,540	3,540	-	-	207	0.1
Alleghany Avenue Elementary School	50	1	Girls' Restroom - 804	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,540	3,540	-	-	46	0.0
Alleghany Avenue Elementary School	51	1	Custodian Closet - 806	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Alleghany Avenue Elementary School	52	1	Boys' Restroom - 805	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	3,540	3,540	-	-	207	0.1
Alleghany Avenue Elementary School	53	1	Boys' Restroom - 805	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,540	3,540	-	-	46	0.0
Alleghany Avenue Elementary School	54	1	Lobby A - 807	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	8	8	57	38	100%	38	0%	0	3,680	3,680	-	-	574	0.2
Alleghany Avenue Elementary School	55	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Alleghany Avenue Elementary School	56	1	Principal - 808	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	6	6	57	38	100%	38	0%	0	2,790	2,790	-	-	326	0.1
Alleghany Avenue Elementary School	57	1	Restroom in Principal - 808A	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	1,000	1,000	-	-	20	0.0
Alleghany Avenue Elementary School	58	1	Principal closet - 808B	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	1,000	1,000	-	-	20	0.0
Alleghany Avenue Elementary School	59	1	Office-Main - 809	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	11	11	57	38	100%	38	0%	0	2,790	2,790	-	-	598	0.2
Alleghany Avenue Elementary School	60	1	Social Worker Office - 810	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Alleghany Avenue Elementary School	61	1	Storage-Vault - 811	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Alleghany Avenue Elementary School	62	1	Office-Psychologist - 812	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Alleghany Avenue Elementary School	63	1	Nurse's Office - 813	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	7	7	57	38	100%	38	0%	0	2,790	2,790	-	-	381	0.1
Alleghany Avenue Elementary School	64	1	OT Room - 814	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	2,790	2,790	-	-	54	0.0
Alleghany Avenue Elementary School	65	1	Restroom in Nurse's Office - 813A	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	1,000	1,000	-	-	20	0.0
Alleghany Avenue Elementary School	66	1	Office-Reading Room - 815	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	2,790	2,790	-	-	78	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Alleghany Avenue Elementary School	67	1	Storage in Reading Room - 815B	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Alleghany Avenue Elementary School	68	1	Restroom in Reading Room - 815A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Alleghany Avenue Elementary School	69	1	Faculty Room - 816	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	1	1	64	44	100%	44	0%	0	2,790	2,790	-	-	57	0.0
Alleghany Avenue Elementary School	70	1	Faculty Room - 816	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	85	58	100%	58	0%	0	2,790	2,790	-	-	75	0.0
Alleghany Avenue Elementary School	71	1	Faculty Room - 816	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	2,790	2,790	-	-	39	0.0
Alleghany Avenue Elementary School	72	1	Restroom - 817	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	3,540	3,540	-	-	50	0.0
Alleghany Avenue Elementary School	73	1	Office Resource Room - 818	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	1	1	64	44	100%	44	0%	0	2,790	2,790	-	-	57	0.0
Alleghany Avenue Elementary School	74	1	Office Resource Room - 818	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	2,790	2,790	-	-	39	0.0
Alleghany Avenue Elementary School	75	1	Music and Art Room A - 819	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	6	6	85	58	100%	58	0%	0	2,790	2,790	-	-	452	0.2
Alleghany Avenue Elementary School	76	1	Music and Art Room A - 819	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	2,790	2,790	-	-	78	0.0
Alleghany Avenue Elementary School	77	1	Music and Art Room B 820	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	4	4	85	58	100%	58	0%	0	2,790	2,790	-	-	301	0.1
Alleghany Avenue Elementary School	78	1	Music and Art Room B 820	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	2,790	2,790	-	-	78	0.0
Alleghany Avenue Elementary School	79	1	Storage in Music B 821	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Alleghany Avenue Elementary School	80	1	Music and Art Room Hall - 822	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Alleghany Avenue Elementary School	81	1	Stairs to Basement - 823	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	1	1	20	8	100%	8	0%	0	3,680	3,680	-	-	44	0.0
Alleghany Avenue Elementary School	82	1	Storage in Basement - 824	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	8	8	20	8	100%	8	0%	0	1,000	1,000	-	-	96	0.1
Alleghany Avenue Elementary School	83	1	Stage - 825	Compact Fluorescent, quad, (1) 20W lamp	13W LED CFL Replacement	2	2	22	13	100%	13	0%	0	1,680	1,680	-	-	30	0.0
Alleghany Avenue Elementary School	84	1	Stage - 825	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	38	25	100%	25	0%	0	1,680	1,680	-	-	87	0.1
Alleghany Avenue Elementary School	85	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Alleghany Avenue Elementary School	86	1	Multipurpose Room - 826	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	18	18	75	50	100%	50	0%	0	2,820	2,820	-	-	1,269	0.5
Alleghany Avenue Elementary School	87	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Alleghany Avenue Elementary School	88	1	Storage with Fish in Multipurpose - 827	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	1,000	1,000	-	-	10	0.0
Alleghany Avenue Elementary School	89	1	Storage with Fish in Multipurpose - 827	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Alleghany Avenue Elementary School	90	1	Storage B in Multipurpose - 828	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Alleghany Avenue Elementary School	91	1	Corridor A - 829	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	7	7	57	38	100%	38	0%	0	3,680	3,680	-	-	502	0.1
Alleghany Avenue Elementary School	92	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Alleghany Avenue Elementary School	93	1	Corridor C - 830	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	10	10	57	38	100%	38	0%	0	3,680	3,680	-	-	718	0.2
Alleghany Avenue Elementary School	94	1	Corridor C - 830	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	6	6	57	38	100%	38	0%	0	3,680	3,680	-	-	431	0.1
Alleghany Avenue Elementary School	95	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Alleghany Avenue Elementary School	96	1	Office-Phone Booth - 831	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	1	1	20	8	100%	8	0%	0	2,790	2,790	-	-	33	0.0
Alleghany Avenue Elementary School	97	1	Hallway Display Case	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	2,820	2,820	-	-	37	0.0
Alleghany Avenue Elementary School	98	1	Kitchen - 832	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	9	9	38	25	100%	25	0%	0	2,280	2,280	-	-	267	0.1
Alleghany Avenue Elementary School	99	1	Kitchen Hoods	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	3	3	20	8	100%	8	0%	0	2,280	2,280	-	-	82	0.0
Alleghany Avenue Elementary School	100	1	Foyer - 833	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,680	3,680	-	-	48	0.0
Alleghany Avenue Elementary School	101	1	Foyer	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Alleghany Avenue Elementary School	102	1	Restroom in Kitchen - 834	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Alleghany Avenue Elementary School	103	1	Storage-Freezer in Kitchen - 835	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	1	1	20	8	100%	8	0%	0	1,000	1,000	-	-	12	0.0
Alleghany Avenue Elementary School	104	1	Storage in Kitchen - 836	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Alleghany Avenue Elementary School	105	1	Custodian Closet - 837	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,000	1,000	-	-	42	0.0
Alleghany Avenue Elementary School	106	1	Restroom in Custodian - 838	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Alleghany Avenue Elementary School	107	1	Office in Custodian Area - 839	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	85	58	100%	58	0%	0	2,790	2,790	-	-	75	0.0
Alleghany Avenue Elementary School	108	1	Boiler Room - 840	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	5	5	38	25	100%	25	0%	0	2,400	2,400	-	-	156	0.1
Alleghany Avenue Elementary School	109	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Alleghany Avenue Elementary School	110	1	Electrical Room - 841	1L RLRB F32T8 - Normal Power	Relamp only to low wattage 4' LED tube on existing NBF, electronic ballast	1	1	23	15	100%	15	0%	0	1,000	1,000	-	-	9	0.0
Alleghany Avenue Elementary School	111	1	Women's Restroom - 842	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,540	3,540	-	-	92	0.0
Alleghany Avenue Elementary School	112	1	Hall to Gym - 843	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,680	3,680	-	-	48	0.0
Alleghany Avenue Elementary School	113	1	Hall to Gym	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Alleghany Avenue Elementary School	114	1	Locker Room-Girls' - 844	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Alleghany Avenue Elementary School	115	1	Locker Room-Girls' - 844	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	38	25	100%	25	0%	0	1,000	1,000	-	-	52	0.1
Alleghany Avenue Elementary School	116	1	Locker Room-Girls' Shower - 844	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	3	3	20	8	100%	8	0%	0	1,000	1,000	-	-	36	0.0
Alleghany Avenue Elementary School	117	1	Gym - 845	NEW 2'x4' 4L T5HO HIGH BAY w/ LENS, WIREGUARD & Bi-Level Control	16,000 Lumen High Bay with Adaptable Controls with Wire Guard	16	16	234	121	80%	97	30%	36	3,540	1,416	1,062	1,062	10,444	2.2
Alleghany Avenue Elementary School	119	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Alleghany Avenue Elementary School	120	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	3	3	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Alleghany Avenue Elementary School	121	1	Office-Phys Ed Girls' - 846	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	2,790	2,790	-	-	47	0.0
Alleghany Avenue Elementary School	122	1	Office-Phys Ed Boys' - 847	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	2,790	2,790	-	-	24	0.0
Alleghany Avenue Elementary School	123	1	Hall to Gym - 848	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,680	3,680	-	-	48	0.0
Alleghany Avenue Elementary School	124	1	Hall to Gym	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Alleghany Avenue Elementary School	125	1	Locker Room-Boys' - 849	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	1,000	1,000	-	-	17	0.0
Alleghany Avenue Elementary School	126	1	Locker Room-Boys' - 849	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	38	25	100%	25	0%	0	1,000	1,000	-	-	52	0.1
Alleghany Avenue Elementary School	127	1	Locker Room-Boys'	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Alleghany Avenue Elementary School	128	1	Showers - 850	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	2	2	20	8	100%	8	0%	0	1,000	1,000	-	-	24	0.0
Alleghany Avenue Elementary School	129	1	Showers - 850	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Alleghany Avenue Elementary School	130	1	Restroom-Faculty - 851	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,540	3,540	-	-	92	0.0
Alleghany Avenue Elementary School	131	1	Boys' Restroom - 852	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	85	58	100%	58	0%	0	3,540	3,540	-	-	191	0.1
Alleghany Avenue Elementary School	132	1	Hallway Display Case	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	2,820	2,820	-	-	24	0.0
Alleghany Avenue Elementary School	133	1	Corridor D - 853	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	14	14	57	38	100%	38	0%	0	3,680	3,680	-	-	1,005	0.3
Alleghany Avenue Elementary School	134	1	Corridor D	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Alleghany Avenue Elementary School	135	1	Storage-Books - 854	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Alleghany Avenue Elementary School	136	1	Girls' Restroom - 855	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	75	50	100%	50	0%	0	3,540	3,540	-	-	177	0.1
Alleghany Avenue Elementary School	137	1	Girls' Restroom - 855	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,540	3,540	-	-	46	0.0
Alleghany Avenue Elementary School	138	1	Custodian Closet - 856	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Alleghany Avenue Elementary School	139	1	Classroom 214	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Alleghany Avenue Elementary School	140	1	Library 211	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,990	1,990	-	-	245	0.1
Alleghany Avenue Elementary School	141	1	Storage in 211 - 211A	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	1,000	1,000	-	-	28	0.0
Alleghany Avenue Elementary School	142	1	Classroom 216	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Alleghany Avenue Elementary School	143	1	Classroom 213-Computers	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Alleghany Avenue Elementary School	144	1	Classroom 218	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Alleghany Avenue Elementary School	145	1	Classroom 215	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Alleghany Avenue Elementary School	146	1	Classroom 220	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Alleghany Avenue Elementary School	147	1	Classroom 217	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	12	12	75	50	100%	50	0%	0	1,810	1,810	-	-	543	0.3
Alleghany Avenue Elementary School	148	1	Classroom 222	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	12	12	75	50	100%	50	0%	0	1,810	1,810	-	-	543	0.3
Alleghany Avenue Elementary School	149	1	Classroom 224	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	12	12	60	37	100%	37	0%	0	1,810	1,810	-	-	500	0.3
Alleghany Avenue Elementary School	151	E	Front Cano 1	High Pressure Sodium, (1) 70W lamp	30W LED Low Profile Flood Type Wall Pack Fixture w/ Integrated Photocell	2	2	95	30	100%	30	0%	0	4,380	4,380	-	-	569	0.1
Alleghany Avenue Elementary School	152	E	Front 2	High Pressure Sodium, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	2	2	295	70	100%	70	0%	0	4,380	4,380	-	-	1,971	0.5
Alleghany Avenue Elementary School	153	E	Pole by Playground 3	Metal Halide, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	1	1	295	70	100%	70	0%	0	4,380	4,380	-	-	986	0.2
Alleghany Avenue Elementary School	154	E	Door 4	Incandescent, (1) 60W lamp	10W LED A19 bulb	1	1	60	10	100%	10	0%	0	4,380	4,380	-	-	219	0.1
Alleghany Avenue Elementary School	155	E	Pole by Playground and Kindergarten 5	High Pressure Sodium, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	2	2	295	70	100%	70	0%	0	4,380	4,380	-	-	1,971	0.5
Alleghany Avenue Elementary School	156	E	Back of Building 6	High Pressure Sodium, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	1	1	295	70	100%	70	0%	0	4,380	4,380	-	-	986	0.2
Alleghany Avenue Elementary School	157	E	Pole in Enclosure 7	High Pressure Sodium, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	1	1	295	70	100%	70	0%	0	4,380	4,380	-	-	986	0.2
Alleghany Avenue Elementary School	158	E	Pole in Enclosure 7	Metal Halide, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	1	1	295	70	100%	70	0%	0	4,380	4,380	-	-	986	0.2
Alleghany Avenue Elementary School	159	E	Left - back 8	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
Alleghany Avenue Elementary School	160	E	Left - Back9	High Pressure Sodium, (1) 400W lamp	120W LED Modular Area/Parking Fixture	1	1	465	120	100%	120	0%	0	4,380	4,380	-	-	1,511	0.3
Alleghany Avenue Elementary School	161	E	Back of Building 10	Metal Halide, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	2	2	295	70	100%	70	0%	0	4,380	4,380	-	-	1,971	0.5
Alleghany Avenue Elementary School	162	E	back exit 11	Incandescent, (1) 60W lamp	10W LED A19 bulb	1	1	60	10	100%	10	0%	0	4,380	4,380	-	-	219	0.1
Alleghany Avenue Elementary School	163	E	Back of gym 12	High Pressure Sodium, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	2	2	295	70	100%	70	0%	0	4,380	4,380	-	-	1,971	0.5
Alleghany Avenue Elementary School	164	E	Boiler 13	Metal Halide, (1) 70W lamp	30W LED Low Profile Flood Type Wall Pack Fixture w/ Integrated Photocell	1	1	95	30	100%	30	0%	0	4,380	4,380	-	-	285	0.1

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Alleghany Avenue Elementary School	165	E	Custodian 14	High Pressure Sodium, (1) 100W lamp	30W LED Low Profile Flood Type Wall Pack Fixture w/ Integrated Photocell	1	1	138	30	100%	30	0%	0	4,380	4,380	-	-	473	0.1
Alleghany Avenue Elementary School	166	E	Right front corner 15	High Pressure Sodium, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	1	1	295	70	100%	70	0%	0	4,380	4,380	-	-	986	0.2
Alleghany Avenue Elementary School	167	E	Right exit 16	Incandescent, (1) 60W lamp	10W LED A19 bulb	1	1	60	10	100%	10	0%	0	4,380	4,380	-	-	219	0.1
Alleghany Avenue Elementary School	168	E	Front Right 17	Metal Halide, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	2	2	295	70	100%	70	0%	0	4,380	4,380	-	-	1,971	0.5
Daniel Street Elementary School	2	1	Corridor A - 800	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	3,680	3,680	-	-	646	0.2
Daniel Street Elementary School	3	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Daniel Street Elementary School	4	1	Classroom 100	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	75	50	100%	50	0%	0	1,810	1,810	-	-	91	0.1
Daniel Street Elementary School	5	1	Men's Room - 801	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,540	3,540	-	-	46	0.0
Daniel Street Elementary School	6	1	Faculty - 802	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	75	50	100%	50	0%	0	2,790	2,790	-	-	140	0.1
Daniel Street Elementary School	7	1	Faculty - 802	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	2,790	2,790	-	-	14	0.0
Daniel Street Elementary School	8	1	Women's Room - 803	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,540	3,540	-	-	46	0.0
Daniel Street Elementary School	9	1	Music / chorus - 804	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	2,790	2,790	-	-	343	0.1
Daniel Street Elementary School	10	1	Music / chorus - 804	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	2,790	2,790	-	-	14	0.0
Daniel Street Elementary School	11	1	Practice room 1 - 805	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	880	880	-	-	7	0.0
Daniel Street Elementary School	12	1	Practice room 2 - 806	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	880	880	-	-	7	0.0
Daniel Street Elementary School	13	1	Remedial - 807	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
Daniel Street Elementary School	14	1	Storage - 808	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Daniel Street Elementary School	15	1	Nurse Office - 809	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	6	6	57	38	100%	38	0%	0	2,790	2,790	-	-	326	0.1
Daniel Street Elementary School	16	1	Restroom in Nurse Office - 809A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Daniel Street Elementary School	17	1	Psychologist Office - 810	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	2,790	2,790	-	-	54	0.0
Daniel Street Elementary School	18	1	Stage - 811	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	38	25	100%	25	0%	0	1,680	1,680	-	-	87	0.1
Daniel Street Elementary School	19	1	Stage - 811	Compact Fluorescent, quad, (1) 20W lamp	13W LED CFL Replacement	2	2	22	13	100%	13	0%	0	1,680	1,680	-	-	30	0.0
Daniel Street Elementary School	20	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Daniel Street Elementary School	21	1	Storage on stage - 812	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Daniel Street Elementary School	22	1	Cafeteria - 813	Fluorescent, (2) 48", STD HO T5 lamp	18W LED T5 4' Tube Retrofit	18	18	117	18	100%	18	0%	0	2,820	2,820	-	-	5,025	1.8
Daniel Street Elementary School	23	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Daniel Street Elementary School	24	1	Storage in Cafeteria - 813A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	1,000	1,000	-	-	10	0.0
Daniel Street Elementary School	25	1	Storage in Cafeteria - 813B	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Daniel Street Elementary School	26	1	Kitchen - 814	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,280	2,280	-	-	59	0.0
Daniel Street Elementary School	26.1	1	Kitchen - 814	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	4	4	57	38	100%	38	0%	0	2,280	2,280	-	-	178	0.1
Daniel Street Elementary School	27	1	Kitchen Hood	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	2,280	2,280	-	-	89	0.0
Daniel Street Elementary School	28	1	Kitchen	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Daniel Street Elementary School	29	1	Kitchen - 815	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	1,000	1,000	-	-	14	0.0
Daniel Street Elementary School	30	1	Kitchen - 816	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Daniel Street Elementary School	31	1	Main Office - 817	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	8	8	57	38	100%	38	0%	0	2,790	2,790	-	-	435	0.2
Daniel Street Elementary School	32	1	Principal Office - 818	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	6	6	57	38	100%	38	0%	0	2,790	2,790	-	-	326	0.1
Daniel Street Elementary School	33	1	Principal Storage - 819	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Daniel Street Elementary School	34	1	Restroom in Principal - 820	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Daniel Street Elementary School	35	1	Social Worker - 821	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Daniel Street Elementary School	36	1	Storage 7 - 822	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	1,000	1,000	-	-	39	0.0
Daniel Street Elementary School	37	1	Vault - 823	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	2,790	2,790	-	-	14	0.0
Daniel Street Elementary School	38	1	Main lobby - 824	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	8	8	57	38	100%	38	0%	0	2,790	2,790	-	-	435	0.2
Daniel Street Elementary School	39	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Daniel Street Elementary School	40	1	Corridor G - 825	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	14	14	57	38	100%	38	0%	0	3,680	3,680	-	-	1,005	0.3
Daniel Street Elementary School	41	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Daniel Street Elementary School	42	1	Classroom 114	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Daniel Street Elementary School	43	1	Classroom 114	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Daniel Street Elementary School	44	1	Boys' Restroom - 826	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,540	3,540	-	-	138	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Daniel Street Elementary School	45	1	Custodian Closet - 827	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Daniel Street Elementary School	46	1	Girls' Restroom - 828	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,540	3,540	-	-	138	0.0
Daniel Street Elementary School	47	1	Storage S3 - 829	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Daniel Street Elementary School	48	1	Classroom 116	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Daniel Street Elementary School	49	1	Classroom 109	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Daniel Street Elementary School	50	1	Classroom 118	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Daniel Street Elementary School	51	1	Classroom 111	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Daniel Street Elementary School	52	1	Classroom 120	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Daniel Street Elementary School	53	1	Classroom 113	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Daniel Street Elementary School	54	1	Classroom 122	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	5	5	64	44	100%	44	0%	0	1,810	1,810	-	-	186	0.1
Daniel Street Elementary School	55	1	Classroom 122	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,810	1,810	-	-	25	0.0
Daniel Street Elementary School	56	1	Restroom in 122 - 122A	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Daniel Street Elementary School	57	1	Classroom 115	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	5	5	64	44	100%	44	0%	0	1,810	1,810	-	-	186	0.1
Daniel Street Elementary School	58	1	Classroom 115	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,810	1,810	-	-	25	0.0
Daniel Street Elementary School	59	1	Restroom in 115 - 115A	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Daniel Street Elementary School	60	1	Classroom 124	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	5	5	64	44	100%	44	0%	0	1,810	1,810	-	-	186	0.1
Daniel Street Elementary School	61	1	Classroom 124	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,810	1,810	-	-	25	0.0
Daniel Street Elementary School	62	1	Restroom in 124 - 124A	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Daniel Street Elementary School	63	1	Classroom 117	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	5	5	64	44	100%	44	0%	0	1,810	1,810	-	-	186	0.1
Daniel Street Elementary School	64	1	Classroom 117	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,810	1,810	-	-	25	0.0
Daniel Street Elementary School	65	1	Restroom in 117 - 117A	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Daniel Street Elementary School	66	1	Corridor H - 830	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	6	6	57	38	100%	38	0%	0	3,680	3,680	-	-	431	0.1
Daniel Street Elementary School	67	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	3	3	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Daniel Street Elementary School	68	1	Classroom 123	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	5	5	64	44	100%	44	0%	0	1,810	1,810	-	-	186	0.1

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Daniel Street Elementary School	69	1	Classroom 123	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	1,810	1,810	-	-	51	0.0
Daniel Street Elementary School	70	1	Restroom in 123 - 123A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Daniel Street Elementary School	71	1	Foyer at Back of 123 - 831	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	3,680	3,680	-	-	18	0.0
Daniel Street Elementary School	72	1	Storage in 123 - 123B	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Daniel Street Elementary School	73	1	Classroom 121	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	5	5	64	44	100%	44	0%	0	1,810	1,810	-	-	186	0.1
Daniel Street Elementary School	74	1	Classroom 121	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	1,810	1,810	-	-	51	0.0
Daniel Street Elementary School	75	1	Restroom in 121 - 121A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Daniel Street Elementary School	76	1	Foyer at Back 119-121 - 832	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	3,680	3,680	-	-	18	0.0
Daniel Street Elementary School	77	1	Storage in 121 - 121B	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Daniel Street Elementary School	78	1	Classroom 119	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	5	5	64	44	100%	44	0%	0	1,810	1,810	-	-	186	0.1
Daniel Street Elementary School	79	1	Classroom 119	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	1,810	1,810	-	-	51	0.0
Daniel Street Elementary School	80	1	Restroom in 119 - 119A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Daniel Street Elementary School	81	1	Storage in 119 - 11B	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Daniel Street Elementary School	82	1	Corridor B - 833	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	7	7	57	38	100%	38	0%	0	3,680	3,680	-	-	502	0.1
Daniel Street Elementary School	83	1	Corridor B - 833	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	3,680	3,680	-	-	215	0.1
Daniel Street Elementary School	84	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Daniel Street Elementary School	85	1	Phone Booth - 834	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	2,790	2,790	-	-	14	0.0
Daniel Street Elementary School	86	1	Custodian Office - 835	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	4	4	43	29	100%	29	0%	0	1,000	1,000	-	-	56	0.1
Daniel Street Elementary School	87	1	Restroom in Custodian Office - 836	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Daniel Street Elementary School	88	1	Custodian Office - 835A	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	2	2	20	8	100%	8	0%	0	1,000	1,000	-	-	24	0.0
Daniel Street Elementary School	89	1	Boiler Room - 837	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	38	25	100%	25	0%	0	2,400	2,400	-	-	187	0.1
Daniel Street Elementary School	90	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Daniel Street Elementary School	91	1	Electrical Panel - 838	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	1	1	20	8	100%	8	0%	0	1,000	1,000	-	-	12	0.0
Daniel Street Elementary School	92	1	Corridor C - 839	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	3,680	3,680	-	-	646	0.2

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Daniel Street Elementary School	93	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Daniel Street Elementary School	94	1	Hall Display Case	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	2,820	2,820	-	-	37	0.0
Daniel Street Elementary School	95	1	Gym - 840	NEW 2'x4' 6L T8 HIGH BAY w/ LENS, WIREGUARD & Bi-Level Control - High Power	16,000 Lumen High Bay with Adaptable Controls with Wire Guard	16	16	186	121	70%	85	30%	36	3,540	1,416	1,062	1,062	7,999	1.6
Daniel Street Elementary School	97	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Daniel Street Elementary School	98	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Daniel Street Elementary School	99	1	Storage in Gym - 841	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	1,000	1,000	-	-	25	0.0
Daniel Street Elementary School	100	1	Storage in Gym - 842	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	1,000	1,000	-	-	25	0.0
Daniel Street Elementary School	101	1	Office, Girls' Coach - 843	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	75	50	100%	50	0%	0	2,790	2,790	-	-	140	0.1
Daniel Street Elementary School	102	1	Office, Girls' Restrooms' Coach - 844	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Daniel Street Elementary School	103	1	Restroom Boy's Locker - 853	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	1,000	1,000	-	-	25	0.0
Daniel Street Elementary School	104	1	Restroom in Girls Locker - 845	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	1,000	1,000	-	-	25	0.0
Daniel Street Elementary School	105	1	Locker, Girls' - 846	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	5	5	75	50	100%	50	0%	0	3,540	3,540	-	-	443	0.1
Daniel Street Elementary School	106	1	Locker, Girls'	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Daniel Street Elementary School	107	1	Shower Boy's - 854	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	75	50	100%	50	0%	0	3,540	3,540	-	-	177	0.1
Daniel Street Elementary School	108	1	Girls Locker Shower - 847	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	75	50	100%	50	0%	0	3,540	3,540	-	-	177	0.1
Daniel Street Elementary School	109	1	Girls Locker Shower - 847	1L RLRB F32T8 - Normal Power	Relamp only to low wattage 4' LED tube on existing NBF, electronic ballast	1	1	23	15	100%	15	0%	0	3,540	3,540	-	-	30	0.0
Daniel Street Elementary School	110	1	Hall to Restroom in Locker - 848	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	3,540	3,540	-	-	25	0.0
Daniel Street Elementary School	111	1	Office, Boys' - 849	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	2,790	2,790	-	-	70	0.0
Daniel Street Elementary School	112	1	Restroom in Boy's office - 850	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Daniel Street Elementary School	113	1	Hall Girls Locker - 851	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	3,680	3,680	-	-	92	0.0
Daniel Street Elementary School	114	1	Hall Boys Locker - 852	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,680	3,680	-	-	48	0.0
Daniel Street Elementary School	115	1	Hall Boys Locker - 852	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	3,680	3,680	-	-	92	0.0
Daniel Street Elementary School	116	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Daniel Street Elementary School	117	1	Locker, Boys' - 855	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	7	7	75	50	100%	50	0%	0	3,540	3,540	-	-	620	0.2

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Daniel Street Elementary School	118	1	Locker, Boys'	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Daniel Street Elementary School	119	1	Corridor F - 856	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	15	15	57	38	100%	38	0%	0	3,680	3,680	-	-	1,076	0.3
Daniel Street Elementary School	120	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Daniel Street Elementary School	121	1	Classroom 134	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Daniel Street Elementary School	122	1	Classroom 151	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Daniel Street Elementary School	123	1	Classroom 132	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Daniel Street Elementary School	124	1	Classroom 149 OT	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Daniel Street Elementary School	125	1	Classroom 130	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Daniel Street Elementary School	126	1	Classroom 147	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Daniel Street Elementary School	127	1	Classroom 128	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Daniel Street Elementary School	128	1	Classroom 145	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Daniel Street Elementary School	129	1	Classroom 126	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Daniel Street Elementary School	130	1	Classroom 143	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Daniel Street Elementary School	131	1	Speech - 857	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	75	50	100%	50	0%	0	2,790	2,790	-	-	140	0.1
Daniel Street Elementary School	132	1	Speech - 857	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	2,790	2,790	-	-	39	0.0
Daniel Street Elementary School	133	1	Storage - 858	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Daniel Street Elementary School	134	1	Girls' Restrooms - 859	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,540	3,540	-	-	138	0.0
Daniel Street Elementary School	135	1	Sink - 860	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Daniel Street Elementary School	136	1	Library - 861	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,990	1,990	-	-	245	0.1
Daniel Street Elementary School	137	1	Office in Library - 862	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	2,790	2,790	-	-	39	0.0
Daniel Street Elementary School	138	1	Storage - 860	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Daniel Street Elementary School	139	1	Boys' Restroom - 863	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,540	3,540	-	-	138	0.0
Daniel Street Elementary School	140	1	Corridor D - 864	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	5	5	57	38	100%	38	0%	0	3,680	3,680	-	-	359	0.1
Daniel Street Elementary School	141	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Daniel Street Elementary School	142	1	Corridor D - 865	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	3,680	3,680	-	-	646	0.2
Daniel Street Elementary School	143	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Daniel Street Elementary School	144	1	Classroom 164	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	6	6	43	29	100%	29	0%	0	1,810	1,810	-	-	152	0.1
Daniel Street Elementary School	145	1	Corridor E - 866	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	15	15	57	38	100%	38	0%	0	3,680	3,680	-	-	1,076	0.3
Daniel Street Elementary School	146	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Daniel Street Elementary School	147	1	Women - 867	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,540	3,540	-	-	46	0.0
Daniel Street Elementary School	148	1	Men's - 868	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,540	3,540	-	-	46	0.0
Daniel Street Elementary School	149	1	Boys' Restroom 869	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,540	3,540	-	-	138	0.0
Daniel Street Elementary School	150	1	Storage S-4 - 870	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Daniel Street Elementary School	151	1	Custodian - 871	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Daniel Street Elementary School	152	1	Girls' Restrooms - 872	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	3,540	3,540	-	-	89	0.0
Daniel Street Elementary School	152	1	Girls' Restrooms - 872	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,540	3,540	-	-	92	0.0
Daniel Street Elementary School	153	1	Auxiliary Gym - 873	NEW 2'x4' 4L T5HO HIGH BAY w/ LENS, WIREGUARD & Bi-Level Control	16,000 Lumen High Bay with Adaptable Controls with Wire Guard	10	10	234	121	80%	97	30%	36	3,540	1,416	1,062	1,062	6,527	1.4
Daniel Street Elementary School	153	1	Auxiliary Gym - 873	NEW 2'x4' 4L T5HO HIGH BAY w/ LENS, WIREGUARD & Bi-Level Control	16,000 Lumen High Bay with Adaptable Controls with Wire Guard	2	2	234	121	80%	97	30%	36	3,540	1,416	1,062	1,062	1,305	0.3
Daniel Street Elementary School	154	1	Office by Aux gym 14	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	2,790	2,790	-	-	109	0.0
Daniel Street Elementary School	155	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Daniel Street Elementary School	156	1	Classroom 162	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	5	5	64	44	100%	44	0%	0	1,810	1,810	-	-	186	0.1
Daniel Street Elementary School	157	1	Classroom 162	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,810	1,810	-	-	25	0.0
Daniel Street Elementary School	158	1	Classroom 161	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	5	5	64	44	100%	44	0%	0	1,810	1,810	-	-	186	0.1
Daniel Street Elementary School	159	1	Classroom 161	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,810	1,810	-	-	25	0.0
Daniel Street Elementary School	160	1	Classroom 160	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	5	5	64	44	100%	44	0%	0	1,810	1,810	-	-	186	0.1
Daniel Street Elementary School	161	1	Classroom 160	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,810	1,810	-	-	25	0.0
Daniel Street Elementary School	162	1	Classroom 159	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	5	5	64	44	100%	44	0%	0	1,810	1,810	-	-	186	0.1
Daniel Street Elementary School	163	1	Classroom 159	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,810	1,810	-	-	25	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Daniel Street Elementary School	164	1	Classroom 158	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	5	5	64	44	100%	44	0%	0	1,810	1,810	-	-	186	0.1
Daniel Street Elementary School	165	1	Classroom 158	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,810	1,810	-	-	25	0.0
Daniel Street Elementary School	166	1	Classroom 157	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	5	5	64	44	100%	44	0%	0	1,810	1,810	-	-	186	0.1
Daniel Street Elementary School	167	1	Classroom 157	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,810	1,810	-	-	25	0.0
Daniel Street Elementary School	168	1	Classroom 156	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	5	5	64	44	100%	44	0%	0	1,810	1,810	-	-	186	0.1
Daniel Street Elementary School	169	1	Classroom 156	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,810	1,810	-	-	25	0.0
Daniel Street Elementary School	170	1	Classroom 155	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	5	5	64	44	100%	44	0%	0	1,810	1,810	-	-	186	0.1
Daniel Street Elementary School	171	1	Classroom 155	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,810	1,810	-	-	25	0.0
Daniel Street Elementary School	172	1	Classroom 154	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	5	5	64	44	100%	44	0%	0	1,810	1,810	-	-	186	0.1
Daniel Street Elementary School	173	1	Classroom 154	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,810	1,810	-	-	25	0.0
Daniel Street Elementary School	174	1	Classroom 153	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Daniel Street Elementary School	176	E	Main Entrance 1	Incandescent, (1) 60W lamp	10W LED A19 bulb	2	2	60	10	100%	10	0%	0	4,380	4,380	-	-	438	0.1
Daniel Street Elementary School	177	E	Main Entrance 2	NEW 42W CF CANOPY w/ EM EGRESS w/PHOTOCELL	18W LED A21 Bulb	4	4	42	18	100%	18	0%	0	4,380	4,380	-	-	420	0.1
Daniel Street Elementary School	178	E	Front by Kindergartens 3	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	2	2	368	120	100%	120	0%	0	4,380	4,380	-	-	2,172	0.5
Daniel Street Elementary School	179	E	Front right door 4	NEW 42W CF CANOPY w/ EM EGRESS w/PHOTOCELL	18W LED A21 Bulb	1	1	42	18	100%	18	0%	0	4,380	4,380	-	-	105	0.0
Daniel Street Elementary School	180	E	Pole right 5	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
Daniel Street Elementary School	181	E	Pole Front Right 5	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
Daniel Street Elementary School	182	E	Right side by Kindergartens 6	Metal Halide, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	2	2	295	70	100%	70	0%	0	4,380	4,380	-	-	1,971	0.5
Daniel Street Elementary School	183	E	Door 4B	NEW 42W CF CANOPY w/ EM EGRESS w/PHOTOCELL	18W LED A21 Bulb	1	1	42	18	100%	18	0%	0	4,380	4,380	-	-	105	0.0
Daniel Street Elementary School	184	E	First enclosure 7	High Pressure Sodium, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	1	1	295	70	100%	70	0%	0	4,380	4,380	-	-	986	0.2
Daniel Street Elementary School	185	E	First enclosure 7	Metal Halide, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	1	1	295	70	100%	70	0%	0	4,380	4,380	-	-	986	0.2
Daniel Street Elementary School	186	E	Pole Middle Right 8	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	2	2	368	120	100%	120	0%	0	4,380	4,380	-	-	2,172	0.5
Daniel Street Elementary School	187	E	Door 4C	NEW 42W CF CANOPY w/ EM EGRESS w/PHOTOCELL	18W LED A21 Bulb	1	1	42	18	100%	18	0%	0	4,380	4,380	-	-	105	0.0
Daniel Street Elementary School	188	E	Second enclosure 9	High Pressure Sodium, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	1	1	295	70	100%	70	0%	0	4,380	4,380	-	-	986	0.2

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Daniel Street Elementary School	189	E	Second enclosure 9	Metal Halide, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	1	1	295	70	100%	70	0%	0	4,380	4,380	-	-	986	0.2
Daniel Street Elementary School	190	E	Pole Back Right 10	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	2	2	368	120	100%	120	0%	0	4,380	4,380	-	-	2,172	0.5
Daniel Street Elementary School	191	E	Door 4D	NEW 42W CF CANOPY w/ EM EGRESS w/PHOTOCELL	18W LED A21 Bulb	1	1	42	18	100%	18	0%	0	4,380	4,380	-	-	105	0.0
Daniel Street Elementary School	192	E	Back pole 11	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	2	2	368	120	100%	120	0%	0	4,380	4,380	-	-	2,172	0.5
Daniel Street Elementary School	193	E	By Aux Gym 12	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
Daniel Street Elementary School	194	E	By Gym 13	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	3	3	368	120	100%	120	0%	0	4,380	4,380	-	-	3,259	0.7
Daniel Street Elementary School	195	E	Pole Back Left 14	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
Daniel Street Elementary School	196	E	Pole Middle Left 15	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	2	2	368	120	100%	120	0%	0	4,380	4,380	-	-	2,172	0.5
Daniel Street Elementary School	197	E	Left Enclosure 16	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
Daniel Street Elementary School	198	E	Left Enclosure 17	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
Daniel Street Elementary School	199	E	Gym Canopy 18	NEW 42W CF CANOPY w/ EM EGRESS w/PHOTOCELL	18W LED A21 Bulb	2	2	42	18	100%	18	0%	0	4,380	4,380	-	-	210	0.0
Daniel Street Elementary School	200	E	Boiler 19	13W CFSI RELAMP ONLY	10W LED A19 bulb	1	1	15	10	100%	10	0%	0	4,380	4,380	-	-	22	0.0
Daniel Street Elementary School	201	E	Pole Front Left 20	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
Daniel Street Elementary School	202	E	Door 4E	NEW 42W CF CANOPY w/ EM EGRESS w/PHOTOCELL	18W LED A21 Bulb	1	1	42	18	100%	18	0%	0	4,380	4,380	-	-	105	0.0
Daniel Street Elementary School	203	E	Pole Left of Main Entrance 21	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	2	2	368	120	100%	120	0%	0	4,380	4,380	-	-	2,172	0.5
Edward W. Bower Elementary School	2	2	Corridor F - 800	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	12	12	57	38	100%	38	0%	0	3,680	3,680	-	-	861	0.2
Edward W. Bower Elementary School	3	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	4	2	Classroom 208	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	1,810	1,810	-	-	272	0.2
Edward W. Bower Elementary School	5	2	Storage in 208 - 208A	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Edward W. Bower Elementary School	6	2	Classroom 201	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	1,810	1,810	-	-	272	0.2
Edward W. Bower Elementary School	7	2	Storage in 201 - 201A	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Edward W. Bower Elementary School	8	2	Girls Restroom - 801	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,540	3,540	-	-	138	0.0
Edward W. Bower Elementary School	9	2	Stairwell - 802	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	3	3	21	13	100%	13	0%	0	3,680	3,680	-	-	94	0.0
Edward W. Bower Elementary School	10	2	Stairwell - 802	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,680	3,680	-	-	31	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Edward W. Bower Elementary School	11	2	Stairwell	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	12	2	Custodian Closet - 803	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,000	1,000	-	-	26	0.0
Edward W. Bower Elementary School	13	2	Boys Restroom - 804	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,540	3,540	-	-	138	0.0
Edward W. Bower Elementary School	14	2	Classroom 206	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	1,810	1,810	-	-	272	0.2
Edward W. Bower Elementary School	15	2	Classroom 204-Computer Room	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	1,810	1,810	-	-	272	0.2
Edward W. Bower Elementary School	16	2	Classroom 202	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	1,810	1,810	-	-	272	0.2
Edward W. Bower Elementary School	17	2	Stairwell - 805	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	3,680	3,680	-	-	63	0.0
Edward W. Bower Elementary School	18	2	Stairwell - 805	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	3,680	3,680	-	-	63	0.0
Edward W. Bower Elementary School	19	2	Stairwell	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	20	2	Classroom 200	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	1,810	1,810	-	-	272	0.2
Edward W. Bower Elementary School	21	2	Library - 806	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	6	6	60	37	100%	37	0%	0	1,990	1,990	-	-	275	0.1
Edward W. Bower Elementary School	22	2	Storage - 807	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	1,000	1,000	-	-	39	0.0
Edward W. Bower Elementary School	23	2	Corridor E - 808	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	7	7	57	38	100%	38	0%	0	3,680	3,680	-	-	502	0.1
Edward W. Bower Elementary School	24	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	25	2	Storage for Science - 809	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	1,000	1,000	-	-	14	0.0
Edward W. Bower Elementary School	26	2	Office-Resource Room - 810	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	4	4	43	29	100%	29	0%	0	2,790	2,790	-	-	156	0.1
Edward W. Bower Elementary School	27	2	Office-Psychologist - 811	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
Edward W. Bower Elementary School	28	2	Office-Reading Hall - 812	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	3,680	3,680	-	-	26	0.0
Edward W. Bower Elementary School	29	2	Office-Reading - 813	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
Edward W. Bower Elementary School	30	2	Office-Reading Restroom - 814	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Edward W. Bower Elementary School	31	2	Office-Reading Hall - 815	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	3,680	3,680	-	-	18	0.0
Edward W. Bower Elementary School	32	2	Faculty - 205	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	2,790	2,790	-	-	109	0.0
Edward W. Bower Elementary School	33	2	Faculty Storage - 205A	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	1	1	20	8	100%	8	0%	0	1,000	1,000	-	-	12	0.0
Edward W. Bower Elementary School	34	2	Office-Speech - 816	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	2,790	2,790	-	-	109	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Edward W. Bower Elementary School	35	2	Restroom in Speech - 817	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Edward W. Bower Elementary School	36	2	Storage in Speech - 818	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Edward W. Bower Elementary School	37	2	Stairwell - 819	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,680	3,680	-	-	31	0.0
Edward W. Bower Elementary School	38	2	Stairwell - 819	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	3	3	21	13	100%	13	0%	0	3,680	3,680	-	-	94	0.0
Edward W. Bower Elementary School	39	2	Stairwell	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	40	2	Storage-Books - 820A	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Edward W. Bower Elementary School	41	2	Storage-Books - 820	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	1,000	1,000	-	-	39	0.0
Edward W. Bower Elementary School	42	2	Corridor - 821	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	12	12	57	38	100%	38	0%	0	3,680	3,680	-	-	861	0.2
Edward W. Bower Elementary School	43	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	44	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	45	2	Classroom 207	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	1,810	1,810	-	-	272	0.2
Edward W. Bower Elementary School	46	2	Classroom 209	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	1,810	1,810	-	-	272	0.2
Edward W. Bower Elementary School	47	2	Classroom 211	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	1,810	1,810	-	-	272	0.2
Edward W. Bower Elementary School	48	2	Boys' Restroom - 822	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,540	3,540	-	-	92	0.0
Edward W. Bower Elementary School	49	2	Girls' Restroom - 823	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,540	3,540	-	-	92	0.0
Edward W. Bower Elementary School	50	2	Classroom 213	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	1,810	1,810	-	-	272	0.2
Edward W. Bower Elementary School	51	2	Stairwell - 824	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,680	3,680	-	-	31	0.0
Edward W. Bower Elementary School	52	2	Stairwell - 824	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	3,680	3,680	-	-	63	0.0
Edward W. Bower Elementary School	53	2	Stairwell - 824	Compact Fluorescent, quad, (1) 15W lamp	8W LED PL Lamp (G24 Base)	1	1	18	8	100%	8	0%	0	3,680	3,680	-	-	37	0.0
Edward W. Bower Elementary School	54	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	55	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	56	2	Elevator Foyer - 825	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,680	3,680	-	-	48	0.0
Edward W. Bower Elementary School	57	2	Elevator - 826	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	6	6	21	13	100%	13	0%	0	8,760	8,760	-	-	447	0.1
Edward W. Bower Elementary School	59	1	Corridor C - 827	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	21	21	57	38	100%	38	0%	0	3,680	3,680	-	-	1,507	0.4

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Edward W. Bower Elementary School	60	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	4	4	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	61	1	Classroom 114	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	4	4	64	44	100%	44	0%	0	1,810	1,810	-	-	148	0.1
Edward W. Bower Elementary School	62	1	Classroom 114	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	1	1	64	44	100%	44	0%	0	1,810	1,810	-	-	37	0.0
Edward W. Bower Elementary School	63	1	Classroom 114	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,810	1,810	-	-	25	0.0
Edward W. Bower Elementary School	64	1	Restroom in 114 - 114A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Edward W. Bower Elementary School	65	1	Classroom 113	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	4	4	64	44	100%	44	0%	0	1,810	1,810	-	-	148	0.1
Edward W. Bower Elementary School	66	1	Classroom 113	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	1	1	64	44	100%	44	0%	0	1,810	1,810	-	-	37	0.0
Edward W. Bower Elementary School	67	1	Classroom 113	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,810	1,810	-	-	25	0.0
Edward W. Bower Elementary School	68	1	Restroom in 113 - 113A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Edward W. Bower Elementary School	69	1	Classroom 112	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	4	4	64	44	100%	44	0%	0	1,810	1,810	-	-	148	0.1
Edward W. Bower Elementary School	70	1	Classroom 112	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	1	1	64	44	100%	44	0%	0	1,810	1,810	-	-	37	0.0
Edward W. Bower Elementary School	71	1	Classroom 112	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,810	1,810	-	-	25	0.0
Edward W. Bower Elementary School	72	1	Restroom in 112 - 112A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Edward W. Bower Elementary School	73	1	Classroom 111	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	4	4	64	44	100%	44	0%	0	1,810	1,810	-	-	148	0.1
Edward W. Bower Elementary School	74	1	Classroom 111	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	1	1	64	44	100%	44	0%	0	1,810	1,810	-	-	37	0.0
Edward W. Bower Elementary School	75	1	Classroom 111	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,810	1,810	-	-	25	0.0
Edward W. Bower Elementary School	76	1	Restroom in 111 - 111A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Edward W. Bower Elementary School	77	1	Office 109	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	4	4	43	29	100%	29	0%	0	2,790	2,790	-	-	156	0.1
Edward W. Bower Elementary School	78	1	PTA Storage - 828	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	1,000	1,000	-	-	14	0.0
Edward W. Bower Elementary School	79	1	Elevator Foyer - 829	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,680	3,680	-	-	48	0.0
Edward W. Bower Elementary School	80	1	Elevator Foyer	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	81	1	Exit Foyer - 830	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,680	3,680	-	-	96	0.0
Edward W. Bower Elementary School	82	1	Exit Foyer	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	83	1	Custodian Closet - 831	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	1,000	1,000	-	-	7	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Edward W. Bower Elementary School	84	1	Cafeteria - 832	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	21	21	43	29	100%	29	0%	0	2,820	2,820	-	-	829	0.3
Edward W. Bower Elementary School	85	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	5	5	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	86	1	Kitchen - 833	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	2,280	2,280	-	-	23	0.0
Edward W. Bower Elementary School	87	1	Kitchen - 833	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	9	9	75	50	100%	50	0%	0	2,280	2,280	-	-	513	0.2
Edward W. Bower Elementary School	88	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	89	1	Storage in Kitchen - 834	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	1,000	1,000	-	-	17	0.0
Edward W. Bower Elementary School	90	1	Women's Restroom - 835	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,540	3,540	-	-	138	0.0
Edward W. Bower Elementary School	91	1	Restroom Handicap - 836	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,540	3,540	-	-	92	0.0
Edward W. Bower Elementary School	92	1	Gym - 837	NEW 2'x4' 4L T5HO HIGH BAY w/ LENS, WIREGUARD & Bi-Level Control	16,000 Lumen High Bay with Adaptable Controls with Wire Guard	24	24	234	121	80%	97	30%	36	3,540	1,416	1,062	1,062	15,666	3.3
Edward W. Bower Elementary School	93	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	4	4	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	94	1	Locker Room-Girls' hall - 838A	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,540	3,540	-	-	30	0.0
Edward W. Bower Elementary School	95	1	Locker Room-Girls' - 838	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	8	8	38	25	100%	25	0%	0	3,540	3,540	-	-	368	0.1
Edward W. Bower Elementary School	96	1	Girl's PE Office - 839	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Edward W. Bower Elementary School	97	1	Girls' Shower - 840	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,540	3,540	-	-	30	0.0
Edward W. Bower Elementary School	98	1	Girls' Locker Restroom - 841	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Edward W. Bower Elementary School	99	1	Storage Cage old Shower - 842	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	5	5	21	13	100%	13	0%	0	1,000	1,000	-	-	43	0.0
Edward W. Bower Elementary School	100	1	Hall in Locker room - 843	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,680	3,680	-	-	31	0.0
Edward W. Bower Elementary School	101	1	Hall in Locker room	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	102	1	Hall Locker Room- Boys' - 844	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,680	3,680	-	-	31	0.0
Edward W. Bower Elementary School	103	1	Locker Room- Boys' - 845	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	7	7	38	25	100%	25	0%	0	3,540	3,540	-	-	322	0.1
Edward W. Bower Elementary School	104	1	Locker Room- Boys'	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	105	1	Boys' Locker Restroom - 846	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Edward W. Bower Elementary School	106	1	Storage Cage - 847	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	6	6	21	13	100%	13	0%	0	1,000	1,000	-	-	51	0.1
Edward W. Bower Elementary School	107	1	Boys' PE Office - 848	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Edward W. Bower Elementary School	108	1	Corridor D - 849	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	6	6	57	38	100%	38	0%	0	3,680	3,680	-	-	431	0.1
Edward W. Bower Elementary School	109	1	Corridor D	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	110	1	Storage - 850	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	4	4	21	13	100%	13	0%	0	1,000	1,000	-	-	34	0.0
Edward W. Bower Elementary School	111	1	Custodian - 851	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
Edward W. Bower Elementary School	112	1	Men's Restroom - 852	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,540	3,540	-	-	138	0.0
Edward W. Bower Elementary School	113	1	Music Room 108	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	2,790	2,790	-	-	47	0.0
Edward W. Bower Elementary School	114	1	Music Room 108	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	2,790	2,790	-	-	14	0.0
Edward W. Bower Elementary School	115	1	Restroom in 108 - 108A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Edward W. Bower Elementary School	116	1	Classroom 110-Art	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	1,810	1,810	-	-	272	0.2
Edward W. Bower Elementary School	117	1	Stage - 853	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	10	10	38	25	100%	25	0%	0	1,680	1,680	-	-	218	0.1
Edward W. Bower Elementary School	118	1	Stage	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	119	1	Stage Storage - 853A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Edward W. Bower Elementary School	120	1	Stage Storage - 853B	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Edward W. Bower Elementary School	121	1	Auditorium - 854	70W HALOGEN RELAMP ONLY	14W LED R40 Bulb Dimmable	24	24	70	14	100%	14	0%	0	2,820	2,820	-	-	3,790	1.3
Edward W. Bower Elementary School	122	1	Auditorium - 854	70W HALOGEN RELAMP ONLY	14W LED R40 Bulb Dimmable	2	2	70	14	100%	14	0%	0	2,820	2,820	-	-	316	0.1
Edward W. Bower Elementary School	123	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	3	3	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	124	1	Open Area - 855	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	3,680	3,680	-	-	18	0.0
Edward W. Bower Elementary School	125	1	Office-Phone Booth - 856	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	2,790	2,790	-	-	14	0.0
Edward W. Bower Elementary School	126	1	Corridor A - 857	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	7	7	57	38	100%	38	0%	0	3,680	3,680	-	-	502	0.1
Edward W. Bower Elementary School	127	1	Corridor A	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	128	1	Nurse's Office - 858	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	4	4	57	38	100%	38	0%	0	2,790	2,790	-	-	218	0.1
Edward W. Bower Elementary School	129	1	Restroom in nurse - 858A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Edward W. Bower Elementary School	130	1	Storage in nurse - 858B	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	1,000	1,000	-	-	7	0.0
Edward W. Bower Elementary School	131	1	Storage in nurse - 858B	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	1,000	1,000	-	-	7	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Edward W. Bower Elementary School	132	1	Office-Main - 859	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	5	5	57	38	100%	38	0%	0	2,790	2,790	-	-	272	0.1
Edward W. Bower Elementary School	133	1	Office-Main 105	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Edward W. Bower Elementary School	134	1	Office-Main Restroom - 105A	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	1,000	1,000	-	-	7	0.0
Edward W. Bower Elementary School	135	1	Office-Main Storage - 105B	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	1,000	1,000	-	-	7	0.0
Edward W. Bower Elementary School	136	1	Office-Main Storage - 105C	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	1,000	1,000	-	-	7	0.0
Edward W. Bower Elementary School	137	1	Storage - 860	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	1,000	1,000	-	-	17	0.0
Edward W. Bower Elementary School	138	1	Corridor B - 861	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	14	14	57	38	100%	38	0%	0	3,680	3,680	-	-	1,005	0.3
Edward W. Bower Elementary School	139	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	4	4	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	140	1	Custodian Closet - 862	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Edward W. Bower Elementary School	141	1	Classroom 101	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	1,810	1,810	-	-	272	0.2
Edward W. Bower Elementary School	142	1	Restroom in 101 - 101A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Edward W. Bower Elementary School	143	1	Storage in 101 - 101B	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Edward W. Bower Elementary School	144	1	Classroom 100	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	1,810	1,810	-	-	272	0.2
Edward W. Bower Elementary School	145	1	Restroom in 100 - 100A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Edward W. Bower Elementary School	146	1	Storage in 100 - 100B	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Edward W. Bower Elementary School	147	1	Classroom 102	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	148	1	Classroom 102	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	8	8	38	25	100%	25	0%	0	1,810	1,810	-	-	188	0.1
Edward W. Bower Elementary School	149	1	Restroom in 102 - 102A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Edward W. Bower Elementary School	150	1	Foyer - 863	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	3,680	3,680	-	-	18	0.0
Edward W. Bower Elementary School	151	1	Foyer	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	152	1	Storage in 102 - 102B	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Edward W. Bower Elementary School	153	1	Storage in 102 - 102C	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Edward W. Bower Elementary School	154	1	Classroom 104	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	8	8	38	25	100%	25	0%	0	1,810	1,810	-	-	188	0.1
Edward W. Bower Elementary School	155	1	Classroom 104	Compact Fluorescent, quad, (3) 13W lamp	3-8W LED PL Lamp (G24 Base)	1	1	45	24	100%	24	0%	0	1,810	1,810	-	-	38	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Edward W. Bower Elementary School	156	1	Restroom in 104 - 104A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Edward W. Bower Elementary School	157	1	Classroom 104	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	158	1	Storage in 104 - 104B	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Edward W. Bower Elementary School	159	1	Storage in 104 - 104C	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Edward W. Bower Elementary School	160	1	Classroom 106	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	1,810	1,810	-	-	272	0.2
Edward W. Bower Elementary School	161	1	Classroom 106	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	162	1	Restroom in 106 - 106A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Edward W. Bower Elementary School	163	1	Foyer between 103-106 - 864	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	3,680	3,680	-	-	18	0.0
Edward W. Bower Elementary School	164	1	Foyer between 103-106	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	165	1	Storage in 106 - 106B	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Edward W. Bower Elementary School	166	1	Storage in Hall - 865	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	2	2	20	8	100%	8	0%	0	1,000	1,000	-	-	24	0.0
Edward W. Bower Elementary School	167	1	Classroom 103	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	12	12	57	38	100%	38	0%	0	1,810	1,810	-	-	424	0.2
Edward W. Bower Elementary School	168	1	Classroom 103	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	169	1	Restroom in 103 - 103A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	1,000	1,000	-	-	10	0.0
Edward W. Bower Elementary School	170	1	Storage in 103 - 103B	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Edward W. Bower Elementary School	172	1	Boiler Room Storage - 900	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	2,400	2,400	-	-	34	0.0
Edward W. Bower Elementary School	173	1	Boiler Room Hall - 901	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	3,680	3,680	-	-	26	0.0
Edward W. Bower Elementary School	174	1	Boiler Room Hall	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	175	1	Boiler Room - 902	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	9	9	27	20	100%	20	0%	0	2,400	2,400	-	-	151	0.1
Edward W. Bower Elementary School	176	1	Boiler Room Storage - 903	Compact Fluorescent, quad, (1) 20W lamp	13W LED CFL Replacement	1	1	22	13	100%	13	0%	0	2,400	2,400	-	-	22	0.0
Edward W. Bower Elementary School	177	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Edward W. Bower Elementary School	179	E	Boiler Building	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	4,380	4,380	-	-	31	0.0
Edward W. Bower Elementary School	180	E	Boiler Back	NEW 320W PSMH PARAFLOOD w/ PHOTOCELL	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
Edward W. Bower Elementary School	181	E	Main Building Front	High Pressure Sodium, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	2	2	295	70	100%	70	0%	0	4,380	4,380	-	-	1,971	0.5

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Edward W. Bower Elementary School	182	E	Front Door	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	4,380	4,380	-	-	31	0.0
Edward W. Bower Elementary School	183	E	Next to Front	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	4,380	4,380	-	-	31	0.0
Edward W. Bower Elementary School	184	E	Left of Front Door	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	4,380	4,380	-	-	31	0.0
Edward W. Bower Elementary School	185	E	Left side	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	2	2	15	8	100%	8	0%	0	4,380	4,380	-	-	61	0.0
Edward W. Bower Elementary School	186	E	Back	Metal Halide, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	2	2	295	70	100%	70	0%	0	4,380	4,380	-	-	1,971	0.5
Edward W. Bower Elementary School	187	E	Back	High Pressure Sodium, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	1	1	295	70	100%	70	0%	0	4,380	4,380	-	-	986	0.2
Edward W. Bower Elementary School	188	E	Back	High Pressure Sodium, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	2	2	295	70	100%	70	0%	0	4,380	4,380	-	-	1,971	0.5
Edward W. Bower Elementary School	189	E	Back	Metal Halide, (1) 100W lamp	30W LED Low Profile Flood Type Wall Pack Fixture w/ Integrated Photocell	1	1	128	30	100%	30	0%	0	4,380	4,380	-	-	429	0.1
Edward W. Bower Elementary School	190	E	Left by Boiler	NEW 320W PSMH PARAFLOOD w/ VANDAL SHIELD & PHOTOCELL	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
Edward W. Bower Elementary School	191	E	Left Cafeteria Exit	High Pressure Sodium, (1) 400W lamp	120W LED Modular Area/Parking Fixture	1	1	465	120	100%	120	0%	0	4,380	4,380	-	-	1,511	0.3
Edward W. Bower Elementary School	192	E	Left Cafeteria Exit	NEW 320W PSMH PARAFLOOD w/ VANDAL SHIELD & PHOTOCELL	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
Edward W. Bower Elementary School	193	E	Kit exit	High Pressure Sodium, (1) 70W lamp	30W LED Low Profile Flood Type Wall Pack Fixture w/ Integrated Photocell	1	1	95	30	100%	30	0%	0	4,380	4,380	-	-	285	0.1
Edward W. Bower Elementary School	194	E	Right Side Door	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	4,380	4,380	-	-	31	0.0
Edward W. Bower Elementary School	195	E	Right Side	NEW 320W PSMH PARAFLOOD w/ VANDAL SHIELD & PHOTOCELL	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
Harding Avenue Elementary School	2	1	Lobby A - 800	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	6	6	57	38	100%	38	0%	0	3,680	3,680	-	-	431	0.1
Harding Avenue Elementary School	3	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Harding Avenue Elementary School	4	1	Corridor A - 801	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	9	9	57	38	100%	38	0%	0	3,680	3,680	-	-	646	0.2
Harding Avenue Elementary School	5	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Harding Avenue Elementary School	6	1	Main Office - 802	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	6	6	57	38	100%	38	0%	0	2,790	2,790	-	-	326	0.1
Harding Avenue Elementary School	7	1	Copy Room - 803	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	2,790	2,790	-	-	54	0.0
Harding Avenue Elementary School	8	1	Principal - 804	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	4	4	57	38	100%	38	0%	0	2,790	2,790	-	-	218	0.1
Harding Avenue Elementary School	9	1	Principal Restroom - 805	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Harding Avenue Elementary School	10	1	Storage Main Office Storage - 806	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	5	5	27	20	100%	20	0%	0	1,000	1,000	-	-	35	0.0
Harding Avenue Elementary School	11	1	Storage with Fish Tank - 806	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Harding Avenue Elementary School	12	1	Art Storage by Main Office - 807	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
Harding Avenue Elementary School	13	1	Faculty Room - 808	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	85	58	100%	58	0%	0	2,790	2,790	-	-	151	0.1
Harding Avenue Elementary School	14	1	Faculty Room - 808	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	2,790	2,790	-	-	24	0.0
Harding Avenue Elementary School	15	1	Nurse - 809	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	6	6	57	38	100%	38	0%	0	2,790	2,790	-	-	326	0.1
Harding Avenue Elementary School	16	1	Nurse - 809	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	2,790	2,790	-	-	28	0.0
Harding Avenue Elementary School	17	1	Nurse Restroom - 810	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Harding Avenue Elementary School	18	1	Psychologist Office - 811	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
Harding Avenue Elementary School	19	1	Classroom 105	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	4	4	64	44	100%	44	0%	0	1,810	1,810	-	-	148	0.1
Harding Avenue Elementary School	20	1	Classroom 105	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	1	1	64	44	100%	44	0%	0	1,810	1,810	-	-	37	0.0
Harding Avenue Elementary School	21	1	Classroom 105	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,810	1,810	-	-	25	0.0
Harding Avenue Elementary School	22	1	Restroom in 105 - 105A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	3,540	3,540	-	-	18	0.0
Harding Avenue Elementary School	23	1	Classroom 108	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	2	2	64	44	100%	44	0%	0	1,810	1,810	-	-	74	0.0
Harding Avenue Elementary School	24	1	Classroom 108	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	5	5	43	29	100%	29	0%	0	1,810	1,810	-	-	127	0.1
Harding Avenue Elementary School	25	1	Classroom 108	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	2	2	64	44	100%	44	0%	0	1,810	1,810	-	-	74	0.0
Harding Avenue Elementary School	26	1	Restroom in 108 - 108A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,540	3,540	-	-	46	0.0
Harding Avenue Elementary School	27	1	Foyer - 812	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	3,680	3,680	-	-	18	0.0
Harding Avenue Elementary School	28	1	Classroom 107	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	2	2	64	44	100%	44	0%	0	1,810	1,810	-	-	74	0.0
Harding Avenue Elementary School	29	1	Classroom 107	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	5	5	43	29	100%	29	0%	0	1,810	1,810	-	-	127	0.1
Harding Avenue Elementary School	30	1	Classroom 107	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	2	2	64	44	100%	44	0%	0	1,810	1,810	-	-	74	0.0
Harding Avenue Elementary School	31	1	Restroom in 107 - 107A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,540	3,540	-	-	46	0.0
Harding Avenue Elementary School	32	1	Classroom 106	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	4	4	64	44	100%	44	0%	0	1,810	1,810	-	-	148	0.1
Harding Avenue Elementary School	33	1	Classroom 106	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	1	1	64	44	100%	44	0%	0	1,810	1,810	-	-	37	0.0
Harding Avenue Elementary School	34	1	Classroom 106	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,810	1,810	-	-	25	0.0
Harding Avenue Elementary School	35	1	Restroom in 106 - 106A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	3,540	3,540	-	-	18	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Harding Avenue Elementary School	36	1	Multipurpose Room - 813	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	24	24	60	37	100%	37	0%	0	2,820	2,820	-	-	1,557	0.6
Harding Avenue Elementary School	37	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Harding Avenue Elementary School	38	1	Kitchen - 814	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	2,280	2,280	-	-	133	0.1
Harding Avenue Elementary School	39	1	Kitchen	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,280	2,280	-	-	59	0.0
Harding Avenue Elementary School	40	1	Kitchen	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Harding Avenue Elementary School	41	1	Kitchen Storage - 815	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	2,280	2,280	-	-	19	0.0
Harding Avenue Elementary School	42	1	Kitchen Restroom - 816	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	2,280	2,280	-	-	16	0.0
Harding Avenue Elementary School	43	1	Stage - 817	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	8	8	38	25	100%	25	0%	0	1,680	1,680	-	-	175	0.1
Harding Avenue Elementary School	44	1	Stage - 817	Fluorescent, (2) 48", Super T-8 lamp, Instant Start Ballast, RLO (BF<0.85)	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	47	25	100%	25	0%	0	1,680	1,680	-	-	74	0.0
Harding Avenue Elementary School	45	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Harding Avenue Elementary School	46	1	Corridor B - 818	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	24	24	57	38	100%	38	0%	0	3,680	3,680	-	-	1,722	0.5
Harding Avenue Elementary School	47	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	3	3	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Harding Avenue Elementary School	48	1	Men's Restroom - 819	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,540	3,540	-	-	46	0.0
Harding Avenue Elementary School	49	1	Men's Restroom - 819	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	3,540	3,540	-	-	18	0.0
Harding Avenue Elementary School	50	1	Women's Restroom - 820	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,540	3,540	-	-	46	0.0
Harding Avenue Elementary School	51	1	Women's Restroom - 820	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	3,540	3,540	-	-	35	0.0
Harding Avenue Elementary School	52	1	Storage - 821	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	1,000	1,000	-	-	14	0.0
Harding Avenue Elementary School	53	1	Server Storage in Storage - 822	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Harding Avenue Elementary School	54	1	Men's Restroom - 823	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,540	3,540	-	-	138	0.0
Harding Avenue Elementary School	55	1	Custodian Closet - 824	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Harding Avenue Elementary School	56	1	Storage by stage - 825	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	1,000	1,000	-	-	10	0.0
Harding Avenue Elementary School	57	1	Women's Restroom - 826	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,540	3,540	-	-	138	0.0
Harding Avenue Elementary School	58	1	Hallway C - 827	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	3,680	3,680	-	-	215	0.1
Harding Avenue Elementary School	59	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Harding Avenue Elementary School	60	1	Storage - 828	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Harding Avenue Elementary School	61	1	Storage - 829	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Harding Avenue Elementary School	62	1	Custodian Office - 830	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	2,790	2,790	-	-	117	0.0
Harding Avenue Elementary School	63	1	Custodian Office Restroom - 831	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	1,000	1,000	-	-	10	0.0
Harding Avenue Elementary School	64	1	Mechanical Storage - 832	13W CFSI RELAMP ONLY	10W LED A19 bulb	2	2	15	10	100%	10	0%	0	1,000	1,000	-	-	10	0.0
Harding Avenue Elementary School	65	1	Storage - 833	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,000	1,000	-	-	14	0.0
Harding Avenue Elementary School	66	1	Storage - 833	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Harding Avenue Elementary School	67	1	Boiler Room - 834	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	9	9	38	25	100%	25	0%	0	2,400	2,400	-	-	281	0.1
Harding Avenue Elementary School	68	1	Boiler Room - 834	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	75	50	100%	50	0%	0	2,400	2,400	-	-	120	0.1
Harding Avenue Elementary School	69	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Harding Avenue Elementary School	70	1	Classroom 112	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Harding Avenue Elementary School	71	1	Classroom 111	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	4	4	64	44	100%	44	0%	0	1,810	1,810	-	-	148	0.1
Harding Avenue Elementary School	72	1	Classroom 111	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	1	1	64	44	100%	44	0%	0	1,810	1,810	-	-	37	0.0
Harding Avenue Elementary School	73	1	Classroom 111	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,810	1,810	-	-	25	0.0
Harding Avenue Elementary School	74	1	Classroom 114	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Harding Avenue Elementary School	75	1	Classroom 113 Hall - 113C	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	3,680	3,680	-	-	52	0.0
Harding Avenue Elementary School	76	1	Classroom 113A	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Harding Avenue Elementary School	77	1	Classroom 113B	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Harding Avenue Elementary School	78	1	Classroom 116A	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Harding Avenue Elementary School	79	1	Classroom 116B	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Harding Avenue Elementary School	80	1	Classroom 115	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Harding Avenue Elementary School	81	1	Classroom 117	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Harding Avenue Elementary School	82	1	Classroom 118	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Harding Avenue Elementary School	83	1	Library - 835	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	85	58	100%	58	0%	0	1,990	1,990	-	-	161	0.1

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Harding Avenue Elementary School	84	1	Library - 835	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,990	1,990	-	-	122	0.1
Harding Avenue Elementary School	85	1	Office-Media Center - 836	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	2,790	2,790	-	-	47	0.0
Harding Avenue Elementary School	86	1	Classroom 119	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Harding Avenue Elementary School	87	1	Men's Restroom J - 837	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,540	3,540	-	-	92	0.0
Harding Avenue Elementary School	88	1	Hall Display Case	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	2,820	2,820	-	-	24	0.0
Harding Avenue Elementary School	89	1	Women's Restroom by gym - 838	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,540	3,540	-	-	92	0.0
Harding Avenue Elementary School	90	1	Locker Room-Girls' - 839	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	9	9	15	10	100%	10	0%	0	3,540	3,540	-	-	159	0.0
Harding Avenue Elementary School	91	1	Locker Room-Girls' - 839	13W (2) CFSI RELAMP ONLY	(2) 10W LED A19 bulb	3	3	30	20	100%	20	0%	0	3,540	3,540	-	-	106	0.0
Harding Avenue Elementary School	92	1	Gym - 840	NEW 2'x4' 6L T8 HIGH BAY w LENS, WIREGUARD & Bi-Level Control - High Power	16,000 Lumen High Bay with Adaptable Controls with Wire Guard	18	18	186	121	70%	85	30%	36	3,540	1,416	1,062	1,062	8,999	1.8
Harding Avenue Elementary School	94	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Harding Avenue Elementary School	95	1	Office-Phys Ed Girls - 841	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	2,790	2,790	-	-	47	0.0
Harding Avenue Elementary School	96	1	Hallway Girl's side - 842	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,680	3,680	-	-	48	0.0
Harding Avenue Elementary School	97	1	Hallway Boy's side - 843	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,680	3,680	-	-	48	0.0
Harding Avenue Elementary School	98	1	Office-Phys Ed Boys - 844	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
Harding Avenue Elementary School	99	1	Locker Room-Boys' - 845	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	9	9	15	10	100%	10	0%	0	3,540	3,540	-	-	159	0.0
Harding Avenue Elementary School	100	1	Locker Room-Boys' - 845	Compact Fluorescent, quad, (2) 18W lamp	2-8W LED PL Lamp (G24 Base)	3	3	40	16	100%	16	0%	0	3,540	3,540	-	-	255	0.1
Harding Avenue Elementary School	101	1	Boy's Restroom by gym - 846	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,540	3,540	-	-	92	0.0
Harding Avenue Elementary School	102	1	Corridor D - 847	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	12	12	57	38	100%	38	0%	0	3,680	3,680	-	-	861	0.2
Harding Avenue Elementary School	103	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Harding Avenue Elementary School	104	1	Office 129	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	75	50	100%	50	0%	0	2,790	2,790	-	-	140	0.1
Harding Avenue Elementary School	105	1	Women's Restroom L - 848	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	3,540	3,540	-	-	89	0.0
Harding Avenue Elementary School	106	1	Women's Restroom L - 848	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,540	3,540	-	-	92	0.0
Harding Avenue Elementary School	107	1	Custodian Closet M - 849	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Harding Avenue Elementary School	108	1	Classroom 120	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Harding Avenue Elementary School	109	1	Classroom 121	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Harding Avenue Elementary School	110	1	Classroom 122	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Harding Avenue Elementary School	111	1	Classroom 123	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Harding Avenue Elementary School	112	1	Classroom 124	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Harding Avenue Elementary School	113	1	Classroom 125	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Harding Avenue Elementary School	114	1	Classroom 126	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Harding Avenue Elementary School	115	1	Classroom 127	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Harding Avenue Elementary School	116	1	Classroom 128	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
Harding Avenue Elementary School	118	E	Front	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	6	6	368	120	100%	120	0%	0	4,380	4,380	-	-	6,517	1.5
Harding Avenue Elementary School	119	E	Playground	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	2	2	368	120	100%	120	0%	0	4,380	4,380	-	-	2,172	0.5
Harding Avenue Elementary School	120	E	Playground	High Pressure Sodium, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	1	1	295	70	100%	70	0%	0	4,380	4,380	-	-	986	0.2
Harding Avenue Elementary School	121	E	Back of Building	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	2	2	368	120	100%	120	0%	0	4,380	4,380	-	-	2,172	0.5
Harding Avenue Elementary School	122	E	Back by B-Ball	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	2	2	368	120	100%	120	0%	0	4,380	4,380	-	-	2,172	0.5
Harding Avenue Elementary School	123	E	By Custodian exit	NEW 84W CF WALLPACK w/ VANDAL SHIELD, EMERGENCY EGRESS &	40W LED 14" Flood Type Wall Pack Fixture	1	1	84	40	100%	40	0%	0	4,380	4,380	-	-	193	0.0
Harding Avenue Elementary School	124	E	By Boiler Stairs	Compact Fluorescent, (1) 42W lamp	40W LED Flood Light Fixture 1/2" NPT Mount Included	1	1	42	40	100%	40	0%	0	4,380	4,380	-	-	9	0.0
Harding Avenue Elementary School	125	E	By Kitchen Door	NEW 42W CF CANOPY w/ EM EGRESS w/PHOTOCELL	18W LED A21 Bulb	1	1	42	18	100%	18	0%	0	4,380	4,380	-	-	105	0.0
Kellum Street Elementary School	2	1	Office-Main - 800	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	4	4	60	37	100%	37	0%	0	2,790	2,790	-	-	257	0.1
Kellum Street Elementary School	3	1	Office-Manager - 801	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	1	1	60	37	100%	37	0%	0	2,790	2,790	-	-	64	0.0
Kellum Street Elementary School	4	1	Principal - 802	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	2	2	60	37	100%	37	0%	0	2,790	2,790	-	-	128	0.0
Kellum Street Elementary School	5	1	Restroom in Principal - 803	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	6	1	Kitchen area - 804	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	2,790	2,790	-	-	39	0.0
Kellum Street Elementary School	7	1	Education Supervisor - 805	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	2,790	2,790	-	-	70	0.0
Kellum Street Elementary School	8	1	Assistant Principal - 806	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	1	1	60	37	100%	37	0%	0	2,790	2,790	-	-	64	0.0
Kellum Street Elementary School	9	1	Copy Room - 807	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	1	1	60	37	100%	37	0%	0	2,790	2,790	-	-	64	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Kellum Street Elementary School	10	1	Nurse's Office - 808	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	1	1	60	37	100%	37	0%	0	2,790	2,790	-	-	64	0.0
Kellum Street Elementary School	11	1	Nurse's Office - 808	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	2,790	2,790	-	-	36	0.0
Kellum Street Elementary School	12	1	Restroom in Nurse - 809	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	13	1	Music Room T&E - 810	NEW 1'x12' 3L WIDE BASE WRAP - High Power	Relamp only to THREE low wattage, 4' LED tubes on existing HBF, electronic ballast Tandem Wired	1	1	93	56	100%	56	0%	0	1,810	1,810	-	-	68	0.0
Kellum Street Elementary School	14	1	Music Room T&E - 810	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,810	1,810	-	-	9	0.0
Kellum Street Elementary School	15	1	Closet in T&E - 811	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	16	1	Playgroup - 812	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	4	4	15	10	100%	10	0%	0	1,810	1,810	-	-	36	0.0
Kellum Street Elementary School	17	1	Restroom Boys - 813	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	3,540	3,540	-	-	25	0.0
Kellum Street Elementary School	18	1	Restroom Girls - 814	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	3,540	3,540	-	-	25	0.0
Kellum Street Elementary School	19	1	Faculty Room - 815	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	75	50	100%	50	0%	0	2,790	2,790	-	-	140	0.1
Kellum Street Elementary School	20	1	Faculty Room - 815	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
Kellum Street Elementary School	21	1	Evaluation Loft 13	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	4	4	15	10	100%	10	0%	0	2,790	2,790	-	-	56	0.0
Kellum Street Elementary School	22	1	Evaluation Loft 13	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	2,790	2,790	-	-	20	0.0
Kellum Street Elementary School	23	1	Office A - 816	NEW 1'x4' 2L VANITY - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	2,790	2,790	-	-	36	0.0
Kellum Street Elementary School	24	1	Office B - 817	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	2,790	2,790	-	-	14	0.0
Kellum Street Elementary School	25	1	Hall-Wing D - 818	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	6	6	60	37	100%	37	0%	0	3,680	3,680	-	-	508	0.1
Kellum Street Elementary School	26	1	Hall-Wing D - 818	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	3,680	3,680	-	-	18	0.0
Kellum Street Elementary School	27	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Kellum Street Elementary School	28	1	Stage - 819	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	6	6	15	10	100%	10	0%	0	1,680	1,680	-	-	50	0.0
Kellum Street Elementary School	29	1	Stage - 819	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Kellum Street Elementary School	30	1	Closet - 820	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	31	1	Multipurpose Room - 821	2L RLRB F17T8 w/ 2'x2' REF - High Power	Relamp only to TWO 2' LED tubes on existing HBF, electronic ballast	18	18	41	29	100%	29	0%	0	3,540	3,540	-	-	765	0.2
Kellum Street Elementary School	32	1	Multipurpose Room Storage - 821A	Compact Fluorescent, quad, (1) 32W lamp	13W LED CFL Replacement	3	3	34	13	100%	13	0%	0	1,000	1,000	-	-	63	0.1
Kellum Street Elementary School	33	1	Multipurpose Room Storage - 821B	Compact Fluorescent, quad, (1) 32W lamp	13W LED CFL Replacement	2	2	34	13	100%	13	0%	0	1,000	1,000	-	-	42	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Kellum Street Elementary School	34	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Kellum Street Elementary School	35	1	Lobby - 822	Fluorescent, (4) 24", T-8 lamp, IS Ballast, Ultra Low (BF<0.85)	Relamp only to FOUR 2' LED tubes on existing LBF, electronic ballast	8	8	53	40	100%	40	0%	0	3,680	3,680	-	-	383	0.1
Kellum Street Elementary School	36	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Kellum Street Elementary School	37	1	Hall-Wing C - 823	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	11	11	60	37	100%	37	0%	0	3,680	3,680	-	-	931	0.3
Kellum Street Elementary School	38	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Kellum Street Elementary School	39	1	Boys Restroom - 824	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	3	3	21	13	100%	13	0%	0	3,540	3,540	-	-	90	0.0
Kellum Street Elementary School	40	1	Girls Restroom - 825	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	3	3	21	13	100%	13	0%	0	3,540	3,540	-	-	90	0.0
Kellum Street Elementary School	41	1	Custodian Closet - 826	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	42	1	Closet S-3 - 827	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	1,000	1,000	-	-	14	0.0
Kellum Street Elementary School	43	1	Classroom 109	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Kellum Street Elementary School	44	1	Classroom 109	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Kellum Street Elementary School	45	1	Classroom 114	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Kellum Street Elementary School	46	1	Classroom 114	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Kellum Street Elementary School	47	1	Classroom 116	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Kellum Street Elementary School	48	1	Classroom 116	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Kellum Street Elementary School	49	1	Classroom 111	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Kellum Street Elementary School	50	1	Classroom 111	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Kellum Street Elementary School	51	1	Classroom 118	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Kellum Street Elementary School	52	1	Classroom 118	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Kellum Street Elementary School	53	1	Classroom 113	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Kellum Street Elementary School	54	1	Classroom 113	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Kellum Street Elementary School	55	1	Classroom 120	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	2	2	64	44	100%	44	0%	0	1,810	1,810	-	-	74	0.0
Kellum Street Elementary School	56	1	Classroom 120	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	1,810	1,810	-	-	51	0.0
Kellum Street Elementary School	56.1	1	Classroom 120	1L RLRB F32T8 - Normal Power	Relamp only to low wattage 4' LED tube on existing NBF, electronic ballast	1	1	23	15	100%	15	0%	0	1,810	1,810	-	-	15	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Kellum Street Elementary School	56.2	1	Classroom 120	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	85	58	100%	58	0%	0	1,810	1,810	-	-	49	0.0
Kellum Street Elementary School	57	1	Classroom 115	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Kellum Street Elementary School	58	1	Classroom 115	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Kellum Street Elementary School	59	1	Restroom in 115 - 115A	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	60	1	Classroom 122	1L RLRB F32T8 - Normal Power	Relamp only to low wattage 4' LED tube on existing NBF, electronic ballast	2	2	23	15	100%	15	0%	0	1,810	1,810	-	-	31	0.0
Kellum Street Elementary School	61	1	Classroom 122	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	5	5	43	29	100%	29	0%	0	1,810	1,810	-	-	127	0.1
Kellum Street Elementary School	62	1	Restroom in 122 - 122A	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	63	1	Classroom 117	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Kellum Street Elementary School	64	1	Classroom 117	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Kellum Street Elementary School	65	1	Restroom in 117 - 117A	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	66	1	Classroom 124	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	85	58	100%	58	0%	0	1,810	1,810	-	-	98	0.1
Kellum Street Elementary School	66.1	1	Classroom 124	1L RLRB F32T8 - Normal Power	Relamp only to low wattage 4' LED tube on existing NBF, electronic ballast	1	1	23	15	100%	15	0%	0	1,810	1,810	-	-	15	0.0
Kellum Street Elementary School	67	1	Classroom 124	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
Kellum Street Elementary School	68	1	Restroom in 124 - 124A	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	69	1	Corridor G - 828	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	4	4	60	37	100%	37	0%	0	3,680	3,680	-	-	339	0.1
Kellum Street Elementary School	70	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Kellum Street Elementary School	71	1	Classroom 119	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
Kellum Street Elementary School	72	1	Classroom 119	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	4	4	43	29	100%	29	0%	0	1,810	1,810	-	-	101	0.1
Kellum Street Elementary School	73	1	Restroom in 119 - 119A	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	74	1	Closet in 119 - 119B	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	75	1	Classroom 121	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	1,810	1,810	-	-	71	0.0
Kellum Street Elementary School	76	1	Classroom 121	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	38	25	100%	25	0%	0	1,810	1,810	-	-	94	0.1
Kellum Street Elementary School	77	1	Closet in 121 - 121B	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	78	1	Restroom in 121 - 121A	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Kellum Street Elementary School	79	1	Classroom 123	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	1,810	1,810	-	-	71	0.0
Kellum Street Elementary School	80	1	Classroom 123	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	38	25	100%	25	0%	0	1,810	1,810	-	-	94	0.1
Kellum Street Elementary School	81	1	Closet in 123 - 123B	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	82	1	Restroom in 123 - 123A	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	83	1	Foyer in 123 - 123C	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	3,680	3,680	-	-	26	0.0
Kellum Street Elementary School	84	1	Classroom 123 Nook	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,810	1,810	-	-	13	0.0
Kellum Street Elementary School	85	1	Corridor B - 829	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	4	4	60	37	100%	37	0%	0	3,680	3,680	-	-	339	0.1
Kellum Street Elementary School	86	1	Corridor B - 829	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	4	4	60	37	100%	37	0%	0	3,680	3,680	-	-	339	0.1
Kellum Street Elementary School	87	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Kellum Street Elementary School	88	1	Kitchen - 164	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	75	50	100%	50	0%	0	2,280	2,280	-	-	228	0.1
Kellum Street Elementary School	89	1	Kitchen - 164	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	2,280	2,280	-	-	30	0.0
Kellum Street Elementary School	90	1	Kitchen - 164	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	6	6	15	10	100%	10	0%	0	2,280	2,280	-	-	68	0.0
Kellum Street Elementary School	91	1	Hoods in Kitchen	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	7	7	20	8	100%	8	0%	0	2,790	2,790	-	-	234	0.1
Kellum Street Elementary School	92	1	Restroom in Kitchen - 830	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	93	1	Foyer in Kitchen - 831	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	3,680	3,680	-	-	26	0.0
Kellum Street Elementary School	94	1	Storage in Kitchen - 832	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	95	1	Storage in Basement - 833	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	8	8	75	50	100%	50	0%	0	1,000	1,000	-	-	200	0.2
Kellum Street Elementary School	96	1	Storage-Freezer - 834	1L RLRB F32T8 - Normal Power	Relamp only to low wattage 4' LED tube on existing NBF, electronic ballast	2	2	23	15	100%	15	0%	0	1,000	1,000	-	-	17	0.0
Kellum Street Elementary School	97	1	Hall-Wing F - 835	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	7	7	60	37	100%	37	0%	0	3,680	3,680	-	-	592	0.2
Kellum Street Elementary School	98	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Kellum Street Elementary School	99	1	Hall Display	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	2,820	2,820	-	-	37	0.0
Kellum Street Elementary School	100	1	Locker Room - 836	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,540	3,540	-	-	92	0.0
Kellum Street Elementary School	101	1	Locker Room - 836	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	5	5	75	50	100%	50	0%	0	3,540	3,540	-	-	443	0.1
Kellum Street Elementary School	102	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Kellum Street Elementary School	103	1	Locker Room Shower - 836	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,000	1,000	-	-	26	0.0
Kellum Street Elementary School	104	1	Gym - 837	NEW 2'x4' 4L T5HO HIGH BAY w/ LENS, WIREGUARD & Bi-Level Control	16,000 Lumen High Bay with Adaptable Controls with Wire Guard	16	16	234	121	80%	97	30%	36	3,540	1,416	1,062	1,062	10,444	2.2
Kellum Street Elementary School	105	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	4	4	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Kellum Street Elementary School	106	1	Storage A - 838	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	107	1	Storage B - 839	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	108	1	Storage C - 840	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	109	1	Office-Coach - 841	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	2,790	2,790	-	-	70	0.0
Kellum Street Elementary School	110	1	Restroom in Coach - 842	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	111	1	Foyer in Locker - 843	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	1	1	60	37	100%	37	0%	0	3,680	3,680	-	-	85	0.0
Kellum Street Elementary School	112	1	Foyer in Locker - 843	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	3,680	3,680	-	-	26	0.0
Kellum Street Elementary School	113	1	Restroom in Locker - 844	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	114	1	Office-Coach - 845	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	2,790	2,790	-	-	70	0.0
Kellum Street Elementary School	115	1	Office-Coach - 845	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	2,790	2,790	-	-	20	0.0
Kellum Street Elementary School	116	1	Restroom in Office - 846	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	1,000	1,000	-	-	14	0.0
Kellum Street Elementary School	117	1	Hall-Wing B - 847	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	11	11	60	37	100%	37	0%	0	3,680	3,680	-	-	931	0.3
Kellum Street Elementary School	118	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Kellum Street Elementary School	119	1	Boys' Restroom - 848	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	3	3	21	13	100%	13	0%	0	3,540	3,540	-	-	90	0.0
Kellum Street Elementary School	120	1	Girls' Restroom - 849	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	3	3	21	13	100%	13	0%	0	3,540	3,540	-	-	90	0.0
Kellum Street Elementary School	121	1	Custodian Closet - 850	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Kellum Street Elementary School	122	1	Custodian Closet - 851	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	123	1	Classroom 112	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	5	5	75	50	100%	50	0%	0	1,810	1,810	-	-	226	0.1
Kellum Street Elementary School	124	1	Classroom 112	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,810	1,810	-	-	47	0.0
Kellum Street Elementary School	125	1	Classroom 112	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Kellum Street Elementary School	126	1	Storage in 112 - 112C	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	1,000	1,000	-	-	14	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Kellum Street Elementary School	127	1	Foyer in 112 - 112B	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	3,680	3,680	-	-	18	0.0
Kellum Street Elementary School	128	1	Restroom in 112 - 112A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Kellum Street Elementary School	129	1	Library - 852	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	4	4	57	38	100%	38	0%	0	1,990	1,990	-	-	155	0.1
Kellum Street Elementary School	130	1	Classroom 126	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	1,810	1,810	-	-	106	0.1
Kellum Street Elementary School	131	1	Classroom 126	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	1,810	1,810	-	-	71	0.0
Kellum Street Elementary School	132	1	Classroom 128	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	75	50	100%	50	0%	0	1,810	1,810	-	-	181	0.1
Kellum Street Elementary School	133	1	Classroom 128	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	1,810	1,810	-	-	71	0.0
Kellum Street Elementary School	134	1	Classroom 128A	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	2,790	2,790	-	-	70	0.0
Kellum Street Elementary School	135	1	Classroom 130	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	1,810	1,810	-	-	106	0.1
Kellum Street Elementary School	136	1	Classroom 130	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	1,810	1,810	-	-	71	0.0
Kellum Street Elementary School	137	1	Classroom 132	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	1,810	1,810	-	-	106	0.1
Kellum Street Elementary School	138	1	Classroom 132	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,810	1,810	-	-	47	0.0
Kellum Street Elementary School	139	1	Classroom 134	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	1,810	1,810	-	-	106	0.1
Kellum Street Elementary School	140	1	Classroom 134	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	1,810	1,810	-	-	71	0.0
Kellum Street Elementary School	141	1	Classroom 151	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	1,810	1,810	-	-	106	0.1
Kellum Street Elementary School	142	1	Classroom 151	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	1,810	1,810	-	-	71	0.0
Kellum Street Elementary School	143	1	Classroom 149	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	1,810	1,810	-	-	106	0.1
Kellum Street Elementary School	144	1	Classroom 149	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	1,810	1,810	-	-	71	0.0
Kellum Street Elementary School	145	1	Classroom 147	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	1,810	1,810	-	-	106	0.1
Kellum Street Elementary School	146	1	Classroom 147	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	1,810	1,810	-	-	71	0.0
Kellum Street Elementary School	147	1	Classroom 145	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	1,810	1,810	-	-	106	0.1
Kellum Street Elementary School	148	1	Classroom 145	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	1,810	1,810	-	-	71	0.0
Kellum Street Elementary School	149	1	Classroom 143	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	1,810	1,810	-	-	106	0.1
Kellum Street Elementary School	150	1	Classroom 143	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	1,810	1,810	-	-	71	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Kellum Street Elementary School	151	1	Classroom 141	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	1,810	1,810	-	-	106	0.1
Kellum Street Elementary School	152	1	Classroom 141	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	1,810	1,810	-	-	71	0.0
Kellum Street Elementary School	153	1	Office in 141 - 141A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	2,790	2,790	-	-	36	0.0
Kellum Street Elementary School	154	1	Hall-Wing E - 853	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	3	3	60	37	100%	37	0%	0	3,680	3,680	-	-	254	0.1
Kellum Street Elementary School	155	1	Hall-Wing E - 853	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	5	5	60	37	100%	37	0%	0	3,680	3,680	-	-	423	0.1
Kellum Street Elementary School	156	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Kellum Street Elementary School	157	1	Hall-Wing A - 854	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	12	12	60	37	100%	37	0%	0	3,680	3,680	-	-	1,016	0.3
Kellum Street Elementary School	158	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Kellum Street Elementary School	159	1	Large Conference Room - 855	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	32	32	38	25	100%	25	0%	0	1,810	1,810	-	-	753	0.4
Kellum Street Elementary School	160	1	Office 161	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	9	9	60	37	100%	37	0%	0	2,790	2,790	-	-	578	0.2
Kellum Street Elementary School	161	1	Closet in 161 - 161A	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	1	1	60	37	100%	37	0%	0	1,000	1,000	-	-	23	0.0
Kellum Street Elementary School	162	1	Offices 159, 157, 155	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	27	27	60	37	100%	37	0%	0	2,790	2,790	-	-	1,733	0.6
Kellum Street Elementary School	163	1	Classroom 153	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	9	9	60	37	100%	37	0%	0	1,810	1,810	-	-	375	0.2
Kellum Street Elementary School	164	1	Office 154, 156	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	15	15	60	37	100%	37	0%	0	2,790	2,790	-	-	963	0.3
Kellum Street Elementary School	165	1	Office 158	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	11	11	60	37	100%	37	0%	0	2,790	2,790	-	-	706	0.3
Kellum Street Elementary School	166	1	Office 158	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	2,790	2,790	-	-	28	0.0
Kellum Street Elementary School	167	1	Office 158	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Kellum Street Elementary School	168	1	Classroom 160	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	9	9	60	37	100%	37	0%	0	1,810	1,810	-	-	375	0.2
Kellum Street Elementary School	169	1	Classroom 162	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	9	9	60	37	100%	37	0%	0	1,810	1,810	-	-	375	0.2
Kellum Street Elementary School	170	1	Women's Restroom - 856	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	3	3	27	20	100%	20	0%	0	3,540	3,540	-	-	74	0.0
Kellum Street Elementary School	171	1	Closet 1 - 857	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	172	1	Closet 2 - 858	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	173	1	Closet 3 - 859	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	174	1	Men's Restroom - 860	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	3	3	27	20	100%	20	0%	0	3,540	3,540	-	-	74	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Kellum Street Elementary School	175	1	Men's Restroom - 861	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,540	3,540	-	-	30	0.0
Kellum Street Elementary School	176	1	Women's Restroom - 862	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,540	3,540	-	-	30	0.0
Kellum Street Elementary School	177	1	Office-Scope - 863	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	2	2	64	44	100%	44	0%	0	1,000	1,000	-	-	41	0.0
Kellum Street Elementary School	178	1	Office-Custodian - 864	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	2,790	2,790	-	-	78	0.0
Kellum Street Elementary School	179	1	Office-Custodian - 864	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	2,790	2,790	-	-	24	0.0
Kellum Street Elementary School	180	1	Restroom in Custodian. - 865	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	181	1	Boiler Room - 168	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	75	50	100%	50	0%	0	2,400	2,400	-	-	180	0.1
Kellum Street Elementary School	182	1	Boiler Room - 168	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	3	3	27	20	100%	20	0%	0	2,400	2,400	-	-	50	0.0
Kellum Street Elementary School	183	1	Boiler Room - 168	13W CFSI RELAMP ONLY	10W LED A19 bulb	1	1	15	10	100%	10	0%	0	2,400	2,400	-	-	12	0.0
Kellum Street Elementary School	184	1	Electrical Panels - 866	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
Kellum Street Elementary School	186	E	Custodian Exit	Metal Halide, (1) 100W lamp	30W LED Low Profile Flood Type Wall Pack Fixture w/ Integrated Photocell	1	1	128	30	100%	30	0%	0	4,380	4,380	-	-	429	0.1
Kellum Street Elementary School	187	E	Boiler Exit	NEW 42W CF CANOPY w/ EM EGRESS w/PHOTOCELL	18W LED A21 Bulb	1	1	42	18	100%	18	0%	0	4,380	4,380	-	-	105	0.0
Kellum Street Elementary School	188	E	Gym Lobby Entry 3	Incandescent, (1) 60W lamp	10W LED A19 bulb	2	2	60	10	100%	10	0%	0	4,380	4,380	-	-	438	0.1
Kellum Street Elementary School	189	E	Pole Right Side 4	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	2	2	368	120	100%	120	0%	0	4,380	4,380	-	-	2,172	0.5
Kellum Street Elementary School	190	E	Wing D Entry 5	Incandescent, (1) 60W lamp	10W LED A19 bulb	1	1	60	10	100%	10	0%	0	4,380	4,380	-	-	219	0.1
Kellum Street Elementary School	191	E	Front 6	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	2	2	368	120	100%	120	0%	0	4,380	4,380	-	-	2,172	0.5
Kellum Street Elementary School	192	E	Front Cano 7	High Pressure Sodium, (1) 250W lamp	40W LED Square Canopy Fixture 11.75" X 11.75" Surface Mount	3	3	295	40	100%	40	0%	0	4,380	4,380	-	-	3,351	0.8
Kellum Street Elementary School	193	E	Front Cano 7	Metal Halide, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	1	1	295	70	100%	70	0%	0	4,380	4,380	-	-	986	0.2
Kellum Street Elementary School	194	E	Hall G Entries 8	Incandescent, (1) 60W lamp	10W LED A19 bulb	2	2	60	10	100%	10	0%	0	4,380	4,380	-	-	438	0.1
Kellum Street Elementary School	195	E	Play Area 9	High Pressure Sodium, (1) 150W lamp	40W LED 14" Flood Type Wall Pack Fixture	1	1	190	40	100%	40	0%	0	4,380	4,380	-	-	657	0.2
Kellum Street Elementary School	196	E	Wing B Entry 10	High Pressure Sodium, (1) 100W lamp	30W LED Low Profile Flood Type Wall Pack Fixture w/ Integrated Photocell	2	2	138	30	100%	30	0%	0	4,380	4,380	-	-	946	0.2
Kellum Street Elementary School	197	E	Wing B Entry 11	Incandescent, (1) 60W lamp	10W LED A19 bulb	1	1	60	10	100%	10	0%	0	4,380	4,380	-	-	219	0.1
Kellum Street Elementary School	198	E	Corner by Wing A Entry 12	High Pressure Sodium, (1) 100W lamp	30W LED Low Profile Flood Type Wall Pack Fixture w/ Integrated Photocell	1	1	138	30	100%	30	0%	0	4,380	4,380	-	-	473	0.1
Kellum Street Elementary School	199	E	Wing A Entry 13	Incandescent, (1) 60W lamp	10W LED A19 bulb	1	1	60	10	100%	10	0%	0	4,380	4,380	-	-	219	0.1

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Kellum Street Elementary School	200	E	Corner by Wing A Entry 14	Metal Halide, (1) 150W lamp	40W LED 14" Flood Type Wall Pack Fixture	1	1	190	40	100%	40	0%	0	4,380	4,380	-	-	657	0.2
Kellum Street Elementary School	201	E	Back of Building 15	High Pressure Sodium, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	2	2	295	70	100%	70	0%	0	4,380	4,380	-	-	1,971	0.5
Kellum Street Elementary School	202	E	By Large Conference Room 16	Metal Halide, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	1	1	295	70	100%	70	0%	0	4,380	4,380	-	-	986	0.2
Kellum Street Elementary School	203	E	Right by Gym 17	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	2	2	368	120	100%	120	0%	0	4,380	4,380	-	-	2,172	0.5
Kellum Street Elementary School	204	E	Behind Gym 18	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	2	2	368	120	100%	120	0%	0	4,380	4,380	-	-	2,172	0.5
Kellum Street Elementary School	205	E	By Wing E 19	Metal Halide, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	1	1	295	70	100%	70	0%	0	4,380	4,380	-	-	986	0.2
West Gates Elementary School	2	1	Corridor A - 800	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	11	11	57	38	100%	38	0%	0	3,680	3,680	-	-	789	0.2
West Gates Elementary School	3	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
West Gates Elementary School	4	1	Classroom 108	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	4	4	64	44	100%	44	0%	0	1,810	1,810	-	-	148	0.1
West Gates Elementary School	5	1	Classroom 108	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
West Gates Elementary School	6	1	Classroom 108	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	1	1	64	44	100%	44	0%	0	1,810	1,810	-	-	37	0.0
West Gates Elementary School	7	1	Foyer 108-109 - 801	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	3,680	3,680	-	-	18	0.0
West Gates Elementary School	8	1	Restroom 108 - 108A	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
West Gates Elementary School	9	1	Storage 108 - 108B	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
West Gates Elementary School	10	1	Classroom 107	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	2	2	64	44	100%	44	0%	0	1,810	1,810	-	-	74	0.0
West Gates Elementary School	11	1	Classroom 107	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	4	4	43	29	100%	29	0%	0	1,810	1,810	-	-	101	0.1
West Gates Elementary School	12	1	Classroom 107	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	2	2	64	44	100%	44	0%	0	1,810	1,810	-	-	74	0.0
West Gates Elementary School	13	1	Restroom 107 - 107A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
West Gates Elementary School	14	1	Classroom 109	4L RLRB F32T8 - Normal Power	Relamp only to FOUR low wattage 4' LED tubes on existing NBF, electronic ballast	6	6	85	58	100%	58	0%	0	1,810	1,810	-	-	293	0.2
West Gates Elementary School	15	1	Classroom 109	Fluorescent, (2) 48", Super T-8 lamp, Instant Start Ballast, RLO (BF<0.85)	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	0	0	47	25	100%	25	0%	0	1,810	1,810	-	-	-	-
West Gates Elementary School	16	1	Restroom in 109 - 109A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
West Gates Elementary School	17	1	Classroom Speech-Reading Center - 802	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
West Gates Elementary School	18	1	Classroom Speech-Reading Storage - 803	13W CFSI RELAMP ONLY	10W LED A19 bulb	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
West Gates Elementary School	19	1	Faculty - 804	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	2	2	64	44	100%	44	0%	0	2,780	2,780	-	-	114	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
West Gates Elementary School	20	1	Women's Restroom - 805	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	3,540	3,540	-	-	18	0.0
West Gates Elementary School	21	1	Psychologist Office - 806	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	2	2	64	44	100%	44	0%	0	2,790	2,790	-	-	114	0.0
West Gates Elementary School	22	1	Nurse's Office - 807	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	6	6	57	38	100%	38	0%	0	2,790	2,790	-	-	326	0.1
West Gates Elementary School	23	1	Nurse's Office - 807	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	2,790	2,790	-	-	28	0.0
West Gates Elementary School	24	1	Restroom in Nurse - 808	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
West Gates Elementary School	25	1	Classroom 110	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
West Gates Elementary School	26	1	Restroom in 110 - 110A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
West Gates Elementary School	27	1	Copy Room - 809	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	2,790	2,790	-	-	54	0.0
West Gates Elementary School	28	1	Main Office - 810	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	6	6	57	38	100%	38	0%	0	2,790	2,790	-	-	326	0.1
West Gates Elementary School	29	1	Principal Office - 811	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	4	4	57	38	100%	38	0%	0	2,790	2,790	-	-	218	0.1
West Gates Elementary School	30	1	Restroom in Principal Office - 812	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
West Gates Elementary School	31	1	Storage with Fish - 813	4L RLRB F17T8 - Low Power	Relamp only to FOUR 2' LED tubes on existing LBF, electronic ballast	4	4	53	40	100%	40	0%	0	1,000	1,000	-	-	52	0.1
West Gates Elementary School	32	1	Storage with Fish - 813	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
West Gates Elementary School	33	1	Lobby A - 814	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	6	6	57	38	100%	38	0%	0	3,680	3,680	-	-	431	0.1
West Gates Elementary School	34	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
West Gates Elementary School	35	1	Multipurpose Room - 815	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	24	24	60	37	100%	37	0%	0	2,820	2,820	-	-	1,557	0.6
West Gates Elementary School	36	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
West Gates Elementary School	37	1	Stage - 816	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	8	8	38	25	100%	25	0%	0	1,680	1,680	-	-	175	0.1
West Gates Elementary School	38	1	Stage - 816	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	75	50	100%	50	0%	0	1,680	1,680	-	-	84	0.1
West Gates Elementary School	39	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
West Gates Elementary School	40	1	Corridor B - 817	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	27	27	57	38	100%	38	0%	0	3,680	3,680	-	-	1,938	0.5
West Gates Elementary School	41	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
West Gates Elementary School	42	1	Men's Restroom - 818	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,540	3,540	-	-	46	0.0
West Gates Elementary School	43	1	Women's Restroom - 819	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,540	3,540	-	-	46	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
West Gates Elementary School	44	1	Book Storage - 820	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	2,790	2,790	-	-	39	0.0
West Gates Elementary School	45	1	Boys' Restroom - 821	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,540	3,540	-	-	138	0.0
West Gates Elementary School	46	1	Custodian Closet - 822	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
West Gates Elementary School	47	1	Storage PTA - 823	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
West Gates Elementary School	48	1	Women's Restroom - 824	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,540	3,540	-	-	138	0.0
West Gates Elementary School	49	1	Hallway C - 825	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	3,680	3,680	-	-	215	0.1
West Gates Elementary School	50	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
West Gates Elementary School	51	1	Practice room 1 - 826	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
West Gates Elementary School	52	1	Practice room 2 - 827	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
West Gates Elementary School	53	1	Office-Custodian - 828	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	2,790	2,790	-	-	117	0.0
West Gates Elementary School	54	1	Office-Custodian - 828	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	2,790	2,790	-	-	39	0.0
West Gates Elementary School	55	1	Restroom in Custodian Office - 829	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
West Gates Elementary School	56	1	Boiler Room - 830	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	3	3	27	20	100%	20	0%	0	2,400	2,400	-	-	50	0.0
West Gates Elementary School	57	1	Boiler Room - 830	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	9	9	38	25	100%	25	0%	0	2,400	2,400	-	-	281	0.1
West Gates Elementary School	58	1	Storage - 831	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,000	1,000	-	-	14	0.0
West Gates Elementary School	59	1	Storage - 831	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
West Gates Elementary School	60	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
West Gates Elementary School	61	1	Electrical Room - 832	13W CFSI RELAMP ONLY	10W LED A19 bulb	2	2	15	10	100%	10	0%	0	1,000	1,000	-	-	10	0.0
West Gates Elementary School	62	1	Kitchen - 833	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
West Gates Elementary School	63	1	Kitchen - 833	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	5	5	75	50	100%	50	0%	0	2,280	2,280	-	-	285	0.1
West Gates Elementary School	64	1	Kitchen - 833	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	2,280	2,280	-	-	89	0.0
West Gates Elementary School	65	1	Restroom in Kitchen - 834	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
West Gates Elementary School	66	1	Storage in Kitchen - 835	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
West Gates Elementary School	67	1	Classroom 113	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
West Gates Elementary School	68	1	Classroom 112	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	4	4	64	44	100%	44	0%	0	1,810	1,810	-	-	148	0.1
West Gates Elementary School	69	1	Classroom 112	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	1	1	64	44	100%	44	0%	0	1,810	1,810	-	-	37	0.0
West Gates Elementary School	70	1	Classroom 112	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	1	1	43	29	100%	29	0%	0	1,810	1,810	-	-	25	0.0
West Gates Elementary School	71	1	Restroom in 112 - 112A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
West Gates Elementary School	72	1	Classroom 115	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
West Gates Elementary School	73	1	Classroom 114	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
West Gates Elementary School	74	1	Classroom 117	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
West Gates Elementary School	75	1	Classroom 116	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
West Gates Elementary School	76	1	Classroom 119	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
West Gates Elementary School	77	1	Classroom 118	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
West Gates Elementary School	78	1	Classroom 120	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
West Gates Elementary School	79	1	Classroom 121	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
West Gates Elementary School	80	1	Library 123	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,990	1,990	-	-	122	0.1
West Gates Elementary School	81	1	Library 123	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	6	6	43	29	100%	29	0%	0	1,990	1,990	-	-	167	0.1
West Gates Elementary School	82	1	Workroom in Library - 123A	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	2	2	43	29	100%	29	0%	0	2,790	2,790	-	-	78	0.0
West Gates Elementary School	83	1	Music Room 122	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	2,790	2,790	-	-	343	0.1
West Gates Elementary School	84	1	Boys' Restroom - 836	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,540	3,540	-	-	92	0.0
West Gates Elementary School	85	1	Hall Display Case	1L RLRB F25T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	2,820	2,820	-	-	24	0.0
West Gates Elementary School	86	1	Women's Restroom - 837	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	3,540	3,540	-	-	35	0.0
West Gates Elementary School	87	1	Men's Restroom - 838	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	3,540	3,540	-	-	35	0.0
West Gates Elementary School	88	1	Hall by Girls' Gym - 839	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	3,680	3,680	-	-	72	0.0
West Gates Elementary School	89	1	Locker Room-Girls' - 840	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	9	9	15	10	100%	10	0%	0	3,540	3,540	-	-	159	0.0
West Gates Elementary School	90	1	Locker Room-Girls' - 840	Compact Fluorescent, quad, (2) 13W lamp	2-8W LED PL Lamp (G24 Base)	3	3	30	16	100%	16	0%	0	3,540	3,540	-	-	149	0.0
West Gates Elementary School	91	1	Gym - 841	NEW 2'x4' 6L T5HO VAPORTIGHT	20,000 Lumen High Bay with Adaptable Controls with Wire Guard	18	18	351	138	100%	138	0%	0	3,540	3,540	-	-	13,572	3.8

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
West Gates Elementary School	93	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	4	4	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
West Gates Elementary School	94	1	Office-Girls' Phys Ed - 842	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	2,790	2,790	-	-	47	0.0
West Gates Elementary School	95	1	Office-Boys' Phys Ed - 843	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	2,790	2,790	-	-	47	0.0
West Gates Elementary School	96	1	Locker Room- Boys' - 844	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	9	9	15	10	100%	10	0%	0	3,540	3,540	-	-	159	0.0
West Gates Elementary School	97	1	Locker Room- Boys' - 844	Compact Fluorescent, quad, (2) 13W lamp	2-8W LED PL Lamp (G24 Base)	3	3	30	16	100%	16	0%	0	3,540	3,540	-	-	149	0.0
West Gates Elementary School	98	1	Hall by Boys' Gym - 845	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	3,680	3,680	-	-	72	0.0
West Gates Elementary School	99	1	Corridor D - 846	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	10	10	57	38	100%	38	0%	0	3,680	3,680	-	-	718	0.2
West Gates Elementary School	100	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
West Gates Elementary School	101	1	Social Worker Office - 847	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	75	50	100%	50	0%	0	2,790	2,790	-	-	140	0.1
West Gates Elementary School	102	1	Girls' Restroom - 848	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,540	3,540	-	-	138	0.0
West Gates Elementary School	103	1	Custodian Closet - 849	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
West Gates Elementary School	104	1	Classroom 124	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
West Gates Elementary School	105	1	Classroom 125	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
West Gates Elementary School	106	1	Classroom 126	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
West Gates Elementary School	107	1	Classroom 127	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
West Gates Elementary School	108	1	Classroom 128	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
West Gates Elementary School	109	1	Classroom 129	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
West Gates Elementary School	110	1	Classroom 130	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
West Gates Elementary School	112	E	Front Drive	High Pressure Sodium, (1) 200W lamp	40W LED 14" Flood Type Wall Pack Fixture	3	3	238	40	100%	40	0%	0	4,380	4,380	-	-	2,602	0.6
West Gates Elementary School	113	E	Front Drive	High Pressure Sodium, (1) 200W lamp	40W LED 14" Flood Type Wall Pack Fixture	2	2	238	40	100%	40	0%	0	4,380	4,380	-	-	1,734	0.4
West Gates Elementary School	114	E	Front Door	Incandescent, (1) 60W lamp	10W LED A19 bulb	1	1	60	10	100%	10	0%	0	4,380	4,380	-	-	219	0.1
West Gates Elementary School	115	E	Left Side by Cafeteria	High Pressure Sodium, (1) 70W lamp	30W LED Low Profile Flood Type Wall Pack Fixture w/ Integrated Photocell	1	1	95	30	100%	30	0%	0	4,380	4,380	-	-	285	0.1
West Gates Elementary School	116	E	Left by Boiler	High Pressure Sodium, (1) 100W lamp	30W LED Low Profile Flood Type Wall Pack Fixture w/ Integrated Photocell	1	1	138	30	100%	30	0%	0	4,380	4,380	-	-	473	0.1
West Gates Elementary School	117	E	Left by Custodian	High Pressure Sodium, (1) 70W lamp	30W LED Low Profile Flood Type Wall Pack Fixture w/ Integrated Photocell	1	1	95	30	100%	30	0%	0	4,380	4,380	-	-	285	0.1

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
West Gates Elementary School	118	E	Left Door	Incandescent, (1) 60W lamp	10W LED A19 bulb	1	1	60	10	100%	10	0%	0	4,380	4,380	-	-	219	0.1
West Gates Elementary School	119	E	Left Door	High Pressure Sodium, (1) 100W lamp	30W LED Low Profile Flood Type Wall Pack Fixture w/ Integrated Photocell	1	1	138	30	100%	30	0%	0	4,380	4,380	-	-	473	0.1
West Gates Elementary School	120	E	Left	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
West Gates Elementary School	121	E	Left by Gym	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
West Gates Elementary School	122	E	Back	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
West Gates Elementary School	123	E	Back	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	2	2	368	120	100%	120	0%	0	4,380	4,380	-	-	2,172	0.5
West Gates Elementary School	124	E	Back Door	Incandescent, (1) 60W lamp	10W LED A19 bulb	1	1	60	10	100%	10	0%	0	4,380	4,380	-	-	219	0.1
West Gates Elementary School	125	E	Right side/back door	Incandescent, (1) 60W lamp	10W LED A19 bulb	1	1	60	10	100%	10	0%	0	4,380	4,380	-	-	219	0.1
West Gates Elementary School	126	E	Right Side	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	2	2	368	120	100%	120	0%	0	4,380	4,380	-	-	2,172	0.5
West Gates Elementary School	127	E	Right Side	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
West Gates Elementary School	128	E	Right Side by Playground	Metal Halide, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	2	2	295	70	100%	70	0%	0	4,380	4,380	-	-	1,971	0.5
West Gates Elementary School	129	E	Right Door	Incandescent, (1) 60W lamp	10W LED A19 bulb	1	1	60	10	100%	10	0%	0	4,380	4,380	-	-	219	0.1
William Rall Elementary School	2	2	Hall A to Library - 800	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	8	8	57	38	100%	38	0%	0	3,680	3,680	-	-	574	0.2
William Rall Elementary School	3	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	4	2	Library - 212A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
William Rall Elementary School	5	2	Library - 212	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	1,990	1,990	-	-	299	0.2
William Rall Elementary School	6	2	Library - 212	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,990	1,990	-	-	52	0.0
William Rall Elementary School	7	2	Workroom in Library - 212B	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
William Rall Elementary School	8	2	Classroom 210	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	1,810	1,810	-	-	272	0.2
William Rall Elementary School	9	2	Hall B - 801	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	14	14	57	38	100%	38	0%	0	3,680	3,680	-	-	1,005	0.3
William Rall Elementary School	10	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	11	2	Stairwell 1 - 802	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	3	3	21	13	100%	13	0%	0	3,680	3,680	-	-	94	0.0
William Rall Elementary School	12	2	Stairwell 1 - 802	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	13	2	Classroom 200	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	1,810	1,810	-	-	272	0.2

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
William Rall Elementary School	14	2	Classroom 200	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,810	1,810	-	-	47	0.0
William Rall Elementary School	15	2	Classroom 201	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,680	3,680	-	-	48	0.0
William Rall Elementary School	16	2	Classroom-ESL B	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	38	25	100%	25	0%	0	1,810	1,810	-	-	94	0.1
William Rall Elementary School	17	2	Classroom201-ESL A	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	4	4	43	29	100%	29	0%	0	2,790	2,790	-	-	156	0.1
William Rall Elementary School	18	2	Storage Server - 803	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
William Rall Elementary School	19	2	Elevator - 804	Incandescent, (1) 25W lamp for Elevator (R12)	R12 - SC Bayonet Base - 2 Watt - 12 Volt - 2700K Warm White - 125 Lumens	4	4	25	2	100%	2	0%	0	8,760	8,760	-	-	806	0.1
William Rall Elementary School	20	2	Elevator room - 805	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	1,000	1,000	-	-	14	0.0
William Rall Elementary School	21	2	Classroom 202	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	1,810	1,810	-	-	272	0.2
William Rall Elementary School	22	2	Classroom 202	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,810	1,810	-	-	47	0.0
William Rall Elementary School	23	2	Hall C - 806	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	7	7	57	38	100%	38	0%	0	3,680	3,680	-	-	502	0.1
William Rall Elementary School	24	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	25	2	Classroom-Remedial - 807	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	3	3	43	29	100%	29	0%	0	1,810	1,810	-	-	76	0.0
William Rall Elementary School	26	2	Foyer - 808	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	3,680	3,680	-	-	18	0.0
William Rall Elementary School	27	2	Foyer Closet - 809	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	1	1	20	8	100%	8	0%	0	1,000	1,000	-	-	12	0.0
William Rall Elementary School	28	2	Restroom in Remedial - 810	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
William Rall Elementary School	29	2	Custodian Closet - 811	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
William Rall Elementary School	30	2	Girls' Restroom - 812	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,540	3,540	-	-	138	0.0
William Rall Elementary School	31	2	Classroom 203	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	1,810	1,810	-	-	272	0.2
William Rall Elementary School	32	2	Stairwell 2 (Art Room) - 813	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	4	4	21	13	100%	13	0%	0	3,680	3,680	-	-	125	0.0
William Rall Elementary School	33	2	Stairwell 2 (Art Room)	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	34	2	Foyer to Art Room - 814	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	3,680	3,680	-	-	144	0.0
William Rall Elementary School	35	2	Storage - 815	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
William Rall Elementary School	36	2	Classroom-Art - 816	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	36	36	38	25	100%	25	0%	0	1,810	1,810	-	-	847	0.5
William Rall Elementary School	37	2	Mechanical-Fan Room - 817	Compact Fluorescent, quad, (1) 20W lamp	13W LED CFL Replacement	2	2	22	13	100%	13	0%	0	1,000	1,000	-	-	18	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
William Rall Elementary School	38	2	Storage-Supply Room - 818	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	1,000	1,000	-	-	59	0.1
William Rall Elementary School	39	2	Classroom 212	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	24	24	38	25	100%	25	0%	0	1,810	1,810	-	-	565	0.3
William Rall Elementary School	40	2	Classroom 212	2L RLRB F17T8 w/ 2'x2' REF - High Power	Relamp only to TWO 2' LED tubes on existing HBF, electronic ballast	2	2	41	29	100%	29	0%	0	1,810	1,810	-	-	43	0.0
William Rall Elementary School	41	2	Classroom 211	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	24	24	38	25	100%	25	0%	0	1,810	1,810	-	-	565	0.3
William Rall Elementary School	42	2	Classroom 211	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	1,810	1,810	-	-	35	0.0
William Rall Elementary School	43	2	Classroom 204	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	1,810	1,810	-	-	272	0.2
William Rall Elementary School	44	2	Boys' Restroom - 819	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,540	3,540	-	-	92	0.0
William Rall Elementary School	45	2	Classroom 206	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	1,810	1,810	-	-	272	0.2
William Rall Elementary School	46	2	Storage School Store - 820	1L RLRB F32T8 - Normal Power	Relamp only to low wattage 4' LED tube on existing NBF, electronic ballast	1	1	23	15	100%	15	0%	0	1,000	1,000	-	-	9	0.0
William Rall Elementary School	47	2	Classroom 208	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	1,810	1,810	-	-	272	0.2
William Rall Elementary School	48	2	Stairwell 3 - 821	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	3	3	21	13	100%	13	0%	0	3,680	3,680	-	-	94	0.0
William Rall Elementary School	49	2	Stairwell 3 - 821	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	50	2	Girls' Restroom - 822	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,540	3,540	-	-	92	0.0
William Rall Elementary School	51	2	Custodian Closet - 823	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
William Rall Elementary School	52	2	Hall D - 824	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	6	6	57	38	100%	38	0%	0	3,680	3,680	-	-	431	0.1
William Rall Elementary School	53	2	Hall D - 824	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	3,680	3,680	-	-	215	0.1
William Rall Elementary School	54	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	55	2	Office Reading - 825	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	2,790	2,790	-	-	70	0.0
William Rall Elementary School	56	2	Classroom 218	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
William Rall Elementary School	57	2	Classroom 220	320W PSMH RLRB	16,000 Lumen High Bay with Adaptable Controls	6	6	368	121	80%	97	30%	36	1,810	724	543	543	3,458	1.6
William Rall Elementary School	58	2	Classroom 220	Fluorescent, (2) 48", Super T-8 lamp, Instant Start Ballast, HLO (BF:0.96-2.2)	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	3	3	72	37	100%	37	0%	0	1,810	1,810	-	-	190	0.1
William Rall Elementary School	59	2	Stairs 4 - 826	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	38	25	100%	25	0%	0	3,680	3,680	-	-	144	0.0
William Rall Elementary School	60	2	Stairs 4 - 826	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	61	2	Hall E - 827	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	10	10	57	38	100%	38	0%	0	3,680	3,680	-	-	718	0.2

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
William Rall Elementary School	62	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	63	2	Classroom 221	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
William Rall Elementary School	64	2	Classroom 223	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
William Rall Elementary School	65	2	Classroom 222	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
William Rall Elementary School	66	2	Classroom 225	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
William Rall Elementary School	67	2	Classroom 224	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
William Rall Elementary School	68	2	Storage 20	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	1,000	1,000	-	-	10	0.0
William Rall Elementary School	69	2	Classroom 226	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
William Rall Elementary School	70	2	Classroom 226 Storage - 226A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
William Rall Elementary School	71	2	Stairs 5 - 828	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,680	3,680	-	-	96	0.0
William Rall Elementary School	72	2	Stairs 5 - 828	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	3,680	3,680	-	-	72	0.0
William Rall Elementary School	73	2	Stairs 5	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofil	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	74	2	Hall F - 829	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	5	5	57	38	100%	38	0%	0	3,680	3,680	-	-	359	0.1
William Rall Elementary School	75	2	Hall F - 829	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	3,680	3,680	-	-	215	0.1
William Rall Elementary School	76	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	77	2	Custodian Closet - 830	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
William Rall Elementary School	78	2	Girls' Restroom - 831	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	38	25	100%	25	0%	0	3,540	3,540	-	-	184	0.1
William Rall Elementary School	79	2	Classroom-Reading Room - 833	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,810	1,810	-	-	47	0.0
William Rall Elementary School	80	2	Boys' Restroom - 832	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	38	25	100%	25	0%	0	3,540	3,540	-	-	184	0.1
William Rall Elementary School	81	2	Stairs 6 - 834	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	3,680	3,680	-	-	215	0.1
William Rall Elementary School	82	2	Stairs 6 - 834	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	84	1	Hall G - 835	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	6	6	57	38	100%	38	0%	0	3,680	3,680	-	-	431	0.1
William Rall Elementary School	85	1	Hall G - 835	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	3,680	3,680	-	-	215	0.1
William Rall Elementary School	86	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	4	4	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
William Rall Elementary School	87	1	Cafeteria - 836	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	12	12	38	25	100%	25	0%	0	2,820	2,820	-	-	440	0.2
William Rall Elementary School	88	1	Custodian Closet - 837	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
William Rall Elementary School	89	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	3	3	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	90	1	Kitchen - 838	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	8	8	75	50	100%	50	0%	0	2,280	2,280	-	-	456	0.2
William Rall Elementary School	91	1	Kitchen - 838	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,280	2,280	-	-	59	0.0
William Rall Elementary School	92	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	93	1	Custodian Closet in Kitchen - 839	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	2	2	27	20	100%	20	0%	0	1,000	1,000	-	-	14	0.0
William Rall Elementary School	94	1	Storage in Kitchen - 840	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,000	1,000	-	-	26	0.0
William Rall Elementary School	95	1	Faculty Dining - 841	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	4	4	43	29	100%	29	0%	0	2,780	2,780	-	-	156	0.1
William Rall Elementary School	96	1	Classroom-Speech Room - 842	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	4	4	43	29	100%	29	0%	0	1,810	1,810	-	-	101	0.1
William Rall Elementary School	97	1	Office-Custodian - 843	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
William Rall Elementary School	98	1	Classroom 125	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
William Rall Elementary School	99	1	Restroom in 125 - 125A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
William Rall Elementary School	100	1	Classroom 124	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
William Rall Elementary School	101	1	Restroom in 124 - 124A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
William Rall Elementary School	102	1	Classroom 122	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
William Rall Elementary School	103	1	Restroom in 122 - 122A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
William Rall Elementary School	104	1	Classroom 123	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	6	6	64	44	100%	44	0%	0	1,810	1,810	-	-	223	0.1
William Rall Elementary School	105	1	Restroom in 123 - 123A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
William Rall Elementary School	106	1	Classroom 121	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,810	1,810	-	-	24	0.0
William Rall Elementary School	107	1	Classroom 121	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	3	3	64	44	100%	44	0%	0	1,810	1,810	-	-	111	0.1
William Rall Elementary School	108	1	Restroom in 121 - 121A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
William Rall Elementary School	109	1	Classroom 118	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,810	1,810	-	-	47	0.0
William Rall Elementary School	110	1	Classroom 118	3L RLRB F32T8 - Normal Power	Relamp only to THREE low wattage, 4' LED tubes on existing NBF, electronic ballast	7	7	64	44	100%	44	0%	0	1,810	1,810	-	-	260	0.1

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
William Rall Elementary School	111	1	Classroom 118	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	112	1	Restroom in 118 - 118A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
William Rall Elementary School	113	1	Storage in 118 - 118B	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
William Rall Elementary School	114	1	Classroom 120	1L RLRB F32T8 - Normal Power	Relamp only to low wattage 4' LED tube on existing NBF, electronic ballast	1	1	23	15	100%	15	0%	0	1,810	1,810	-	-	15	0.0
William Rall Elementary School	115	1	Classroom 120	2L RLRB F32T8 - Normal Power	Relamp only to TWO low wattage 4' LED tubes on existing NBF, electronic ballast	11	11	43	29	100%	29	0%	0	1,810	1,810	-	-	279	0.2
William Rall Elementary School	116	1	Restroom in 120 - 120A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
William Rall Elementary School	117	1	Hall H - 844	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	10	10	57	38	100%	38	0%	0	3,680	3,680	-	-	718	0.2
William Rall Elementary School	118	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	119	1	Hall I - 845	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	5	5	57	38	100%	38	0%	0	3,680	3,680	-	-	359	0.1
William Rall Elementary School	120	1	Hall I - 845	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	3,680	3,680	-	-	215	0.1
William Rall Elementary School	121	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	122	1	Storage 19	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
William Rall Elementary School	123	1	Classroom 108	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	9	9	38	25	100%	25	0%	0	1,810	1,810	-	-	212	0.1
William Rall Elementary School	124	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	125	1	Restroom in 108 - 108A	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
William Rall Elementary School	126	1	Storage in 108 - 108B	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	1	1	20	8	100%	8	0%	0	1,000	1,000	-	-	12	0.0
William Rall Elementary School	127	1	Foyer 108-106 - 846	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,680	3,680	-	-	31	0.0
William Rall Elementary School	128	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	129	1	Classroom 106	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	9	9	38	25	100%	25	0%	0	1,810	1,810	-	-	212	0.1
William Rall Elementary School	130	1	Restroom in 106 - 106A	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
William Rall Elementary School	131	1	Storage in 106 - 106B	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	1	1	20	8	100%	8	0%	0	1,000	1,000	-	-	12	0.0
William Rall Elementary School	132	1	Classroom 104	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	1,810	1,810	-	-	272	0.2
William Rall Elementary School	133	1	Classroom 102	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	38	25	100%	25	0%	0	1,810	1,810	-	-	94	0.1
William Rall Elementary School	134	1	Classroom 101	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	38	25	100%	25	0%	0	1,810	1,810	-	-	94	0.1

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
William Rall Elementary School	135	1	Office 100 hall	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
William Rall Elementary School	136	1	Office-Social Worker - 100A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
William Rall Elementary School	137	1	Office-Reading Room - 100B	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
William Rall Elementary School	138	1	Copy Room - 100C	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	2,790	2,790	-	-	36	0.0
William Rall Elementary School	139	1	Security - 100D	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
William Rall Elementary School	140	1	Hall J - 847	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	15	15	57	38	100%	38	0%	0	3,680	3,680	-	-	1,076	0.3
William Rall Elementary School	141	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	142	1	Office-Main - 848	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	4	4	57	38	100%	38	0%	0	2,790	2,790	-	-	218	0.1
William Rall Elementary School	143	1	Closet in Main Office - 849	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	1	1	20	8	100%	8	0%	0	1,000	1,000	-	-	12	0.0
William Rall Elementary School	144	1	Hall in Main Office - 850	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,680	3,680	-	-	48	0.0
William Rall Elementary School	145	1	Restroom in Main Office - 851	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
William Rall Elementary School	146	1	Storage-Vault - 852	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
William Rall Elementary School	147	1	Principal - 853	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	2,790	2,790	-	-	109	0.0
William Rall Elementary School	148	1	Restroom-Faculty - 854	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	3,540	3,540	-	-	69	0.0
William Rall Elementary School	149	1	Storage 21	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
William Rall Elementary School	150	1	Nurse's Office - 855	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	7	7	57	38	100%	38	0%	0	2,790	2,790	-	-	381	0.1
William Rall Elementary School	151	1	Restroom in Nurse - 856	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	1,000	1,000	-	-	20	0.0
William Rall Elementary School	152	1	Psychologist Office - 857	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	2,790	2,790	-	-	54	0.0
William Rall Elementary School	153	1	Classroom 107	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	1,810	1,810	-	-	272	0.2
William Rall Elementary School	154	1	Hall K - 858	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	13	13	57	38	100%	38	0%	0	3,680	3,680	-	-	933	0.3
William Rall Elementary School	155	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	5	5	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	156	1	Office-Phone Booth - 859	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	2,790	2,790	-	-	14	0.0
William Rall Elementary School	157	1	Storage-PTA - 860	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
William Rall Elementary School	158	1	Hall L - 861	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	4	4	57	38	100%	38	0%	0	3,680	3,680	-	-	287	0.1

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
William Rall Elementary School	159	1	Mechanical-Fire Alarm Room - 862	Compact Fluorescent, quad, (1) 20W lamp	13W LED CFL Replacement	1	1	22	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
William Rall Elementary School	160	1	Boys' Restroom - 863	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	3	3	57	38	100%	38	0%	0	3,540	3,540	-	-	207	0.1
William Rall Elementary School	161	1	Custodian - 864	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	1,000	1,000	-	-	25	0.0
William Rall Elementary School	162	1	Girls' Restroom - 865	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	2	2	57	38	100%	38	0%	0	3,540	3,540	-	-	138	0.0
William Rall Elementary School	163	1	Music Room 114	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	12	12	75	50	100%	50	0%	0	2,790	2,790	-	-	837	0.3
William Rall Elementary School	164	1	Office-Music 114 - 114A	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
William Rall Elementary School	165	1	Office-Music hall 114 - 114B	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	2,790	2,790	-	-	14	0.0
William Rall Elementary School	166	1	Restroom in 114 - 114C	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
William Rall Elementary School	167	1	Stage - 866	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	12	12	38	25	100%	25	0%	0	1,680	1,680	-	-	262	0.2
William Rall Elementary School	168	1	Stage - 866	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	4	4	21	13	100%	13	0%	0	1,680	1,680	-	-	57	0.0
William Rall Elementary School	169	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	170	1	Auditorium - 867	70W HALOGEN RELAMP ONLY	14W LED R40 Bulb Dimmable	24	24	70	14	100%	14	0%	0	2,820	2,820	-	-	3,790	1.3
William Rall Elementary School	171	1	Auditorium - 867	70W HALOGEN RELAMP ONLY	14W LED R40 Bulb Dimmable	2	2	70	14	100%	14	0%	0	2,820	2,820	-	-	316	0.1
William Rall Elementary School	172	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	3	3	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	173	1	Gym - 868	NEW 2'x4' 6L T8 HIGH BAY w/ LENS, WIREGUARD & Bi-Level Control - High Power	16,000 Lumen High Bay with Adaptable Controls with Wire Guard	18	18	186	121	70%	85	30%	36	3,540	1,416	1,062	1,062	8,999	1.8
William Rall Elementary School	175	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	4	4	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	176	1	Girls Locker - 869	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	8	8	57	38	100%	38	0%	0	3,540	3,540	-	-	552	0.2
William Rall Elementary School	177	1	Girls Locker Office - PE - 870	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	2,790	2,790	-	-	70	0.0
William Rall Elementary School	178	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	179	1	Girls Locker Foyer - 871	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	3,540	3,540	-	-	25	0.0
William Rall Elementary School	180	1	Girls Locker Storage 1 - 872	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	1,000	1,000	-	-	25	0.0
William Rall Elementary School	181	1	Girls Locker Shower - 873	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	6	6	57	38	100%	38	0%	0	3,540	3,540	-	-	414	0.1
William Rall Elementary School	182	1	Girls Locker Restroom - 874	2L RLRB F17T8 w/ 2'x2' REF - High Power	Relamp only to TWO 2' LED tubes on existing HBF, electronic ballast	1	1	41	29	100%	29	0%	0	1,000	1,000	-	-	12	0.0
William Rall Elementary School	183	1	Girls Locker Storage 2 - 875	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	1,000	1,000	-	-	25	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
William Rall Elementary School	184	1	Boys Locker - 876	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	11	11	57	38	100%	38	0%	0	3,540	3,540	-	-	759	0.2
William Rall Elementary School	185	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	186	1	Boys Locker Foyer - 877	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	3,540	3,540	-	-	25	0.0
William Rall Elementary School	187	1	Boys Locker Shower small - 878	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	3,540	3,540	-	-	69	0.0
William Rall Elementary School	188	1	Boys Locker Shower - 879	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	6	6	57	38	100%	38	0%	0	3,540	3,540	-	-	414	0.1
William Rall Elementary School	189	1	Boys Locker Restroom - 880	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	1,000	1,000	-	-	25	0.0
William Rall Elementary School	190	1	Boy's Locker Office-PE - 881	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	2,790	2,790	-	-	54	0.0
William Rall Elementary School	191	1	Hall M - 882	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	8	8	57	38	100%	38	0%	0	3,680	3,680	-	-	574	0.2
William Rall Elementary School	192	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	193	1	Classroom 112	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	1,810	1,810	-	-	272	0.2
William Rall Elementary School	194	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	195	1	Storage in 112 - 112B	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
William Rall Elementary School	196	1	Foyer 112-110 - 883	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	3,680	3,680	-	-	26	0.0
William Rall Elementary School	197	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	198	1	Restroom for 112 - 112A	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
William Rall Elementary School	199	1	Restroom for 110 - 110A	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
William Rall Elementary School	200	1	Classroom 110	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	1,810	1,810	-	-	272	0.2
William Rall Elementary School	201	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	202	1	Storage in 110 - 110B	2L RLRB F17T8 - Low Power	Relamp only to TWO 2' LED tubes on existing LBF, electronic ballast	1	1	27	20	100%	20	0%	0	1,000	1,000	-	-	7	0.0
William Rall Elementary School	203	1	Mechanical-Compressor - 884	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
William Rall Elementary School	204	1	Staff Restroom - 885	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
William Rall Elementary School	205	1	Staff Restroom - 886	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
William Rall Elementary School	207	B	Boiler - 900	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	10	10	38	25	100%	25	0%	0	2,400	2,400	-	-	312	0.1
William Rall Elementary School	208	B	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	3	3	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
William Rall Elementary School	209	B	Hall to Garage - 901	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,680	3,680	-	-	48	0.0
William Rall Elementary School	210	B	Storage-Paint - 902	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	1	1	20	8	100%	8	0%	0	1,000	1,000	-	-	12	0.0
William Rall Elementary School	211	B	Garage - 903	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,280	2,280	-	-	59	0.0
William Rall Elementary School	212	B	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
William Rall Elementary School	214	E	By Cafeteria 1	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	1	1	60	37	100%	37	0%	0	4,380	4,380	-	-	101	0.0
William Rall Elementary School	215	E	Pole in Back 2	High Pressure Sodium, (1) 400W lamp	120W LED Modular Area/Parking Fixture	3	3	465	120	100%	120	0%	0	4,380	4,380	-	-	4,533	1.0
William Rall Elementary School	216	E	left /back 3	High Pressure Sodium, (1) 100W lamp	30W LED Low Profile Flood Type Wall Pack Fixture w/ Integrated Photocell	2	2	138	30	100%	30	0%	0	4,380	4,380	-	-	946	0.2
William Rall Elementary School	217	E	Pole Left 4	NEW 320W PSMH PARAFLOOD w/ PHOTOCELL	120W LED Modular Area/Parking Fixture	4	4	368	120	100%	120	0%	0	4,380	4,380	-	-	4,345	1.0
William Rall Elementary School	218	E	Main Door 5	High Pressure Sodium, (1) 100W lamp	30W LED Low Profile Flood Type Wall Pack Fixture w/ Integrated Photocell	1	1	138	30	100%	30	0%	0	4,380	4,380	-	-	473	0.1
William Rall Elementary School	219	E	Front Door 6	NEW 320W PSMH PARAFLOOD w/ VANDAL SHIELD & PHOTOCELL	120W LED Modular Area/Parking Fixture	2	2	368	120	100%	120	0%	0	4,380	4,380	-	-	2,172	0.5
William Rall Elementary School	220	E	Front Courtyard 7	High Pressure Sodium, (1) 400W lamp	120W LED Modular Area/Parking Fixture	5	5	465	120	100%	120	0%	0	4,380	4,380	-	-	7,556	1.7
William Rall Elementary School	221	E	Auditorium Entrance 8	NEW 42W CF CANOPY w/ EM EGRESS w/PHOTOCELL	18W LED A21 Bulb	1	1	42	18	100%	18	0%	0	4,380	4,380	-	-	105	0.0
William Rall Elementary School	222	E	Auditorium Entrance 9	High Pressure Sodium, (1) 100W lamp	30W LED Low Profile Flood Type Wall Pack Fixture w/ Integrated Photocell	1	1	138	30	100%	30	0%	0	4,380	4,380	-	-	473	0.1
William Rall Elementary School	223	E	Auditorium Entrance 10	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	1	1	60	37	100%	37	0%	0	4,380	4,380	-	-	101	0.0
William Rall Elementary School	224	E	Stage exit 11	High Pressure Sodium, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	1	1	295	70	100%	70	0%	0	4,380	4,380	-	-	986	0.2
William Rall Elementary School	225	E	Right front 12	High Pressure Sodium, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	2	2	295	70	100%	70	0%	0	4,380	4,380	-	-	1,971	0.5
William Rall Elementary School	226	E	Right Stage exit 13	High Pressure Sodium, (1) 100W lamp	30W LED Low Profile Flood Type Wall Pack Fixture w/ Integrated Photocell	1	1	138	30	100%	30	0%	0	4,380	4,380	-	-	473	0.1
William Rall Elementary School	227	E	Right Side Cafeteria 14	High Pressure Sodium, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	2	2	295	70	100%	70	0%	0	4,380	4,380	-	-	1,971	0.5
William Rall Elementary School	228	E	On Boiler House	NEW 320W PSMH PARAFLOOD w/ PHOTOCELL	120W LED Modular Area/Parking Fixture	4	4	368	120	100%	120	0%	0	4,380	4,380	-	-	4,345	1.0
Mckenna Administration Building	2	2	Stairwell by 201 - 800	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	3	3	21	13	100%	13	0%	0	3,680	3,680	-	-	94	0.0
Mckenna Administration Building	3	2	Stairwell by 201 - 800	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	3,680	3,680	-	-	63	0.0
Mckenna Administration Building	4	2	Hall - 801	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	9	9	75	50	100%	50	0%	0	3,680	3,680	-	-	828	0.2
Mckenna Administration Building	5	2	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Mckenna Administration Building	6	2	Conference Room 201	NEW 1'x12' 3L WIDE BASE WRAP - High Power	Relamp only to THREE low wattage, 4' LED tubes on existing HBF, electronic ballast Tandem Wired	2	2	93	56	100%	56	0%	0	1,810	1,810	-	-	136	0.1

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Mckenna Administration Building	7	2	Conference Room 201	NEW 1'x12' 3L WIDE BASE WRAP - High Power	Relamp only to THREE low wattage, 4' LED tubes on existing HBF, electronic ballast Tandem Wired	2	2	93	56	100%	56	0%	0	1,810	1,810	-	-	136	0.1
Mckenna Administration Building	9	2	Conference Room 201	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,810	1,810	-	-	9	0.0
Mckenna Administration Building	10	2	Conference Room 201	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,810	1,810	-	-	9	0.0
Mckenna Administration Building	11	2	Conference Room 201 - 201A	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,810	1,810	-	-	15	0.0
Mckenna Administration Building	12	2	Office-Superintendent - 200	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	2,790	2,790	-	-	14	0.0
Mckenna Administration Building	13	2	Office-Superintendent - 200	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	2	2	60	37	100%	37	0%	0	2,790	2,790	-	-	128	0.0
Mckenna Administration Building	14	2	Office-Superintendent - 200	NEW 1'x12' 3L WIDE BASE WRAP - High Power	Relamp only to THREE low wattage, 4' LED tubes on existing HBF, electronic ballast Tandem Wired	2	2	93	56	100%	56	0%	0	2,790	2,790	-	-	209	0.1
Mckenna Administration Building	16	2	Kitchen - 802	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	2	2	60	37	100%	37	0%	0	2,280	2,280	-	-	105	0.0
Mckenna Administration Building	17	2	Kitchen - 803	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	1	1	60	37	100%	37	0%	0	2,280	2,280	-	-	52	0.0
Mckenna Administration Building	18	2	Office-Deputy Superintendent - 804	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	2,790	2,790	-	-	28	0.0
Mckenna Administration Building	19	2	Office 203	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	2,790	2,790	-	-	28	0.0
Mckenna Administration Building	20	2	Office 203A	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	2	2	60	37	100%	37	0%	0	2,790	2,790	-	-	128	0.0
Mckenna Administration Building	21	2	Office 203B	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	1	1	60	37	100%	37	0%	0	2,790	2,790	-	-	64	0.0
Mckenna Administration Building	22	2	Office 203C	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	1	1	60	37	100%	37	0%	0	2,790	2,790	-	-	64	0.0
Mckenna Administration Building	23	2	Office 205	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	3	3	15	10	100%	10	0%	0	2,790	2,790	-	-	42	0.0
Mckenna Administration Building	24	2	Office 202	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	3	3	15	10	100%	10	0%	0	2,790	2,790	-	-	42	0.0
Mckenna Administration Building	25	2	Office 204	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	3	3	15	10	100%	10	0%	0	2,790	2,790	-	-	42	0.0
Mckenna Administration Building	26	2	Men's Restroom - 805	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,540	3,540	-	-	30	0.0
Mckenna Administration Building	27	2	Men's Restroom - 805	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	3,540	3,540	-	-	89	0.0
Mckenna Administration Building	28	2	Office 207	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	2,790	2,790	-	-	28	0.0
Mckenna Administration Building	29	2	Custodian Closet - 806	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Mckenna Administration Building	30	2	Women's Restroom - 807	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,540	3,540	-	-	30	0.0
Mckenna Administration Building	31	2	Women's Restroom - 807	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	75	50	100%	50	0%	0	3,540	3,540	-	-	89	0.0
Mckenna Administration Building	32	2	Office 209	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	3	3	15	10	100%	10	0%	0	2,790	2,790	-	-	42	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Mckenna Administration Building	32.1	2	Office 209	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	1	1	60	37	100%	37	0%	0	2,790	2,790	-	-	64	0.0
Mckenna Administration Building	33	2	Office 206	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	2,790	2,790	-	-	14	0.0
Mckenna Administration Building	34	2	Office 206	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	2,790	2,790	-	-	36	0.0
Mckenna Administration Building	35	2	Office 206	NEW 1'x12' 3L WIDE BASE WRAP - High Power	Relamp only to THREE low wattage, 4' LED tubes on existing HBF, electronic ballast Tandem Wired	2	2	93	56	100%	56	0%	0	2,790	2,790	-	-	209	0.1
Mckenna Administration Building	37	2	Office 211	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	3	3	15	10	100%	10	0%	0	2,790	2,790	-	-	42	0.0
Mckenna Administration Building	38	2	Office 208	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	3	3	15	10	100%	10	0%	0	2,790	2,790	-	-	42	0.0
Mckenna Administration Building	39	2	Office 208 - 208A	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	1	1	60	37	100%	37	0%	0	1,000	1,000	-	-	23	0.0
Mckenna Administration Building	40	2	Lounge 213	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	3	3	15	10	100%	10	0%	0	2,780	2,780	-	-	42	0.0
Mckenna Administration Building	41	2	Office 210	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	3	3	15	10	100%	10	0%	0	2,790	2,790	-	-	42	0.0
Mckenna Administration Building	42	2	Storage - 808	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	1,000	1,000	-	-	26	0.0
Mckenna Administration Building	43	2	Stairwell - 809	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	3	3	21	13	100%	13	0%	0	3,680	3,680	-	-	94	0.0
Mckenna Administration Building	44	2	Stairwell - 809	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	3,680	3,680	-	-	63	0.0
Mckenna Administration Building	46	1	Copy Room 113	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	2,790	2,790	-	-	28	0.0
Mckenna Administration Building	47	1	Copy Room 113	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	1	1	60	37	100%	37	0%	0	2,790	2,790	-	-	64	0.0
Mckenna Administration Building	48	1	Copy Room 113	NEW 1'x12' 3L WIDE BASE WRAP - High Power	Relamp only to THREE low wattage, 4' LED tubes on existing HBF, electronic ballast Tandem Wired	1	1	93	56	100%	56	0%	0	2,790	2,790	-	-	105	0.0
Mckenna Administration Building	50	1	Restroom in 113 - 113A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Mckenna Administration Building	51	1	Print Shop 106	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	4	4	60	37	100%	37	0%	0	2,790	2,790	-	-	257	0.1
Mckenna Administration Building	52	1	Print Shop 106	NEW 1'x12' 3L WIDE BASE WRAP - High Power	Relamp only to THREE low wattage, 4' LED tubes on existing HBF, electronic ballast Tandem Wired	2	2	93	56	100%	56	0%	0	2,790	2,790	-	-	209	0.1
Mckenna Administration Building	54	1	Dark Room - 810	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
Mckenna Administration Building	55	1	Corridor B - 811	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	11	11	75	50	100%	50	0%	0	3,680	3,680	-	-	1,012	0.3
Mckenna Administration Building	56	1	Corridor B - 811	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,680	3,680	-	-	48	0.0
Mckenna Administration Building	57	1	Corridor B	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Mckenna Administration Building	58	1	Girls' Restroom - 812	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	3,540	3,540	-	-	60	0.0
Mckenna Administration Building	59	1	Boys' Restroom - 813	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	3,540	3,540	-	-	60	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Mckenna Administration Building	60	1	Custodian Closet - 814	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Mckenna Administration Building	61	1	Storage - 815	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Mckenna Administration Building	62	1	Office-Custodian 2 - 816	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	2,790	2,790	-	-	73	0.0
Mckenna Administration Building	63	1	Office-Custodian 2 - 816	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	75	50	100%	50	0%	0	2,790	2,790	-	-	140	0.1
Mckenna Administration Building	64	1	Restroom 3 in Custodian - 817	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Mckenna Administration Building	65	1	Boiler Room - 818	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	9	9	38	25	100%	25	0%	0	2,400	2,400	-	-	281	0.1
Mckenna Administration Building	66	1	Storage 4 Room - 819	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	38	25	100%	25	0%	0	2,790	2,790	-	-	218	0.1
Mckenna Administration Building	67	1	Storage 5 - 820	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Mckenna Administration Building	68	1	Storage 6 - 821	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Mckenna Administration Building	69	1	Multipurpose Room - 822	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	30	30	60	37	100%	37	0%	0	1,920	1,920	-	-	1,325	0.7
Mckenna Administration Building	70	1	Multipurpose Room - 822	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	5	5	15	10	100%	10	0%	0	1,920	1,920	-	-	48	0.0
Mckenna Administration Building	71	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	3	3	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Mckenna Administration Building	72	1	Stage - 823	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	38	25	100%	25	0%	0	1,680	1,680	-	-	131	0.1
Mckenna Administration Building	73	1	Stage - 823	1L RLRB F32T8 - Normal Power	Relamp only to low wattage 4' LED tube on existing NBF, electronic ballast	2	2	23	15	100%	15	0%	0	1,680	1,680	-	-	29	0.0
Mckenna Administration Building	74	1	Storage S1 - 824	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Mckenna Administration Building	75	1	Faculty - 825	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	3	3	60	37	100%	37	0%	0	2,780	2,780	-	-	192	0.1
Mckenna Administration Building	76	1	Office 12 - 826	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	3	3	60	37	100%	37	0%	0	2,790	2,790	-	-	193	0.1
Mckenna Administration Building	77	1	Storage Old Shop - 827	NEW 1'x12' 3L WIDE BASE WRAP - High Power	Relamp only to THREE low wattage, 4' LED tubes on existing HBF, electronic ballast Tandem Wired	2	2	93	56	100%	56	0%	0	1,000	1,000	-	-	75	0.1
Mckenna Administration Building	78	1	Storage Old Shop - 827	NEW 1'x12' 3L WIDE BASE WRAP - High Power	Relamp only to THREE low wattage, 4' LED tubes on existing HBF, electronic ballast Tandem Wired	1	1	93	56	100%	56	0%	0	1,000	1,000	-	-	38	0.0
Mckenna Administration Building	80	1	Storage A - 828	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,000	1,000	-	-	13	0.0
Mckenna Administration Building	81	1	Storage B - 829	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Mckenna Administration Building	82	1	Storage C - 830	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Mckenna Administration Building	83	1	Men's Restroom - 831	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,540	3,540	-	-	92	0.0
Mckenna Administration Building	84	1	Women's Restroom - 832	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	2	2	38	25	100%	25	0%	0	3,540	3,540	-	-	92	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Mckenna Administration Building	85	1	Locker Room-Girls' Entry - 833	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	1	1	20	8	100%	8	0%	0	3,540	3,540	-	-	42	0.0
Mckenna Administration Building	86	1	Locker Room-Girls' Restroom - 834	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,540	3,540	-	-	46	0.0
Mckenna Administration Building	87	1	Locker Room-Girls' Shower - 835	13W CFSI RELAMP ONLY	10W LED A19 bulb	4	4	15	10	100%	10	0%	0	3,540	3,540	-	-	71	0.0
Mckenna Administration Building	88	1	Locker Room-Girls' Shower - 835	Compact Fluorescent, quad, (2) 18W lamp	2-8W LED PL Lamp (G24 Base)	1	1	40	16	100%	16	0%	0	3,540	3,540	-	-	85	0.0
Mckenna Administration Building	89	1	Locker Room-Girls' - 836	Compact Fluorescent, quad, (1) 18W lamp	8W LED PL Lamp (G24 Base)	2	2	20	8	100%	8	0%	0	3,540	3,540	-	-	85	0.0
Mckenna Administration Building	90	1	Gym - 837	NEW 2'x4' 4L T5HO HIGH BAY w/ LENS, WIREGUARD & Bi-Level Control	16,000 Lumen High Bay with Adaptable Controls with Wire Guard	16	16	234	121	80%	97	30%	36	3,540	1,416	1,062	1,062	10,444	2.2
Mckenna Administration Building	92	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	4	4	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Mckenna Administration Building	93	1	Office Girls' PE - 838	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	2	2	60	37	100%	37	0%	0	2,790	2,790	-	-	128	0.0
Mckenna Administration Building	94	1	Office Boys' PE - 839	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	1	1	60	37	100%	37	0%	0	2,790	2,790	-	-	64	0.0
Mckenna Administration Building	95	1	Locker Room-Boys' Entry - 840	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,540	3,540	-	-	30	0.0
Mckenna Administration Building	96	1	Locker Room-Boys' Restroom - 841	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,540	3,540	-	-	46	0.0
Mckenna Administration Building	97	1	Locker Room-Boys' - 842	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	4	4	21	13	100%	13	0%	0	3,540	3,540	-	-	120	0.0
Mckenna Administration Building	98	1	Showers - 843	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,540	3,540	-	-	30	0.0
Mckenna Administration Building	99	1	Maintenance Shop - 844	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	8	8	21	13	100%	13	0%	0	2,790	2,790	-	-	190	0.1
Mckenna Administration Building	100	1	Maintenance Shop Storage - 845	Compact Fluorescent, quad, (2) 13W lamp	2-8W LED PL Lamp (G24 Base)	1	1	30	16	100%	16	0%	0	1,000	1,000	-	-	14	0.0
Mckenna Administration Building	101	1	Maintenance Shop Storage - 845	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Mckenna Administration Building	102	1	Conference Room 101	NEW 1'x12' 3L WIDE BASE WRAP - High Power	Relamp only to THREE low wattage, 4' LED tubes on existing HBF, electronic ballast Tandem Wired	6	6	93	56	100%	56	0%	0	1,810	1,810	-	-	407	0.2
Mckenna Administration Building	103	1	Conference Room 101 Kitchen - 101B	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	1,810	1,810	-	-	24	0.0
Mckenna Administration Building	104	1	Conference Room 101 Restroom - 101A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Mckenna Administration Building	105	1	Conference Room 101	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Mckenna Administration Building	106	1	Foyer Con to 103 - 846	1L RLRB F32T8 - Normal Power	Relamp only to low wattage 4' LED tube on existing NBF, electronic ballast	1	1	23	15	100%	15	0%	0	3,680	3,680	-	-	31	0.0
Mckenna Administration Building	107	1	Classroom 103	NEW 1'x12' 3L WIDE BASE WRAP - High Power	Relamp only to THREE low wattage, 4' LED tubes on existing HBF, electronic ballast Tandem Wired	6	6	93	56	100%	56	0%	0	1,810	1,810	-	-	407	0.2
Mckenna Administration Building	108	1	Classroom 103	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,810	1,810	-	-	9	0.0
Mckenna Administration Building	109	1	Storage 103 - 103B	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	1,000	1,000	-	-	10	0.0

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Mckenna Administration Building	110	1	Restroom in 103 - 103A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Mckenna Administration Building	111	1	Classroom 103-Orion - 103C	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	1	1	60	37	100%	37	0%	0	1,810	1,810	-	-	42	0.0
Mckenna Administration Building	112	1	Orion room 103D	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	3	3	15	10	100%	10	0%	0	1,810	1,810	-	-	27	0.0
Mckenna Administration Building	113	1	Restroom in Orion room - 103E	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Mckenna Administration Building	114	1	Custodian Closet - 847	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Mckenna Administration Building	115	1	Storage - 848	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	3	3	21	13	100%	13	0%	0	1,000	1,000	-	-	26	0.0
Mckenna Administration Building	116	1	Corridor A1 - 849	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	8	8	75	50	100%	50	0%	0	3,680	3,680	-	-	736	0.2
Mckenna Administration Building	117	1	Corridor A1 - 849	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,680	3,680	-	-	31	0.0
Mckenna Administration Building	118	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Mckenna Administration Building	119	1	Corridor A2 - 850	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	3	3	75	50	100%	50	0%	0	3,680	3,680	-	-	276	0.1
Mckenna Administration Building	119	1	Corridor A2 - 850	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	3,680	3,680	-	-	72	0.0
Mckenna Administration Building	120	1	Corridor A2 - 850	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	3,680	3,680	-	-	31	0.0
Mckenna Administration Building	121	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	2	2	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Mckenna Administration Building	122	1	Corridor C - 851	4L RLRB F32T8 - Low Power	Relamp only to FOUR low wattage 4' LED tubes on existing LBF, electronic ballast	6	6	75	50	100%	50	0%	0	3,680	3,680	-	-	552	0.2
Mckenna Administration Building	123	1	Exits	EXIT Light Emitting Diode, (2) 1.5W lamp, Dual Sided	No Retrofit	1	1	3	3	100%	3	0%	0	8,760	8,760	-	-	-	-
Mckenna Administration Building	124	1	Tech Office 104	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	2,790	2,790	-	-	28	0.0
Mckenna Administration Building	125	1	Tech Office 104	NEW 1'x12' 3L WIDE BASE WRAP - High Power	Relamp only to THREE low wattage, 4' LED tubes on existing HBF, electronic ballast Tandem Wired	1	1	93	56	100%	56	0%	0	2,790	2,790	-	-	105	0.0
Mckenna Administration Building	127	1	Tech Office 104	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	1	1	60	37	100%	37	0%	0	2,790	2,790	-	-	64	0.0
Mckenna Administration Building	128	1	Restroom in Tech Office 104 - 104A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Mckenna Administration Building	129	1	Data Office 102	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	1,920	1,920	-	-	19	0.0
Mckenna Administration Building	130	1	Data Office 102	NEW 1'x12' 3L WIDE BASE WRAP - High Power	Relamp only to THREE low wattage, 4' LED tubes on existing HBF, electronic ballast Tandem Wired	1	1	93	56	100%	56	0%	0	1,920	1,920	-	-	72	0.0
Mckenna Administration Building	132	1	Data Office 102	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	1	1	60	37	100%	37	0%	0	1,920	1,920	-	-	44	0.0
Mckenna Administration Building	133	1	Restroom in Data Office 102 - 102A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Mckenna Administration Building	134	1	Special Service 111	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	5	5	60	37	100%	37	0%	0	2,790	2,790	-	-	321	0.1

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Mckenna Administration Building	135	1	Special Service 111	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	2,790	2,790	-	-	14	0.0
Mckenna Administration Building	137	1	Restroom Special Service 111 - 111A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Mckenna Administration Building	138	1	Pupil Office 109	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	2,790	2,790	-	-	28	0.0
Mckenna Administration Building	139	1	Pupil Office 109	NEW 1'x12' 3L WIDE BASE WRAP - High Power	Relamp only to THREE low wattage, 4' LED tubes on existing HBF, electronic ballast Tandem Wired	1	1	93	56	100%	56	0%	0	2,790	2,790	-	-	105	0.0
Mckenna Administration Building	141	1	Pupil Office 109	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	1	1	60	37	100%	37	0%	0	2,790	2,790	-	-	64	0.0
Mckenna Administration Building	142	1	Restroom Pupil Office 109 - 109A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Mckenna Administration Building	143	1	Teacher Center 107	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	2,790	2,790	-	-	28	0.0
Mckenna Administration Building	144	1	Teacher Center 107	NEW 1'x12' 3L WIDE BASE WRAP - High Power	Relamp only to THREE low wattage, 4' LED tubes on existing HBF, electronic ballast Tandem Wired	1	1	93	56	100%	56	0%	0	2,790	2,790	-	-	105	0.0
Mckenna Administration Building	146	1	Teacher Center 107	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	1	1	60	37	100%	37	0%	0	2,790	2,790	-	-	64	0.0
Mckenna Administration Building	147	1	Restroom in Teacher Center 107 - 107A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Mckenna Administration Building	148	1	Restroom in Hall C - 852	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	3,540	3,540	-	-	46	0.0
Mckenna Administration Building	149	1	Wait Room in 105 - 105C	NEW 1'x8' 2L WIDE BASE WRAP - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	2	2	60	37	100%	37	0%	0	2,790	2,790	-	-	128	0.0
Mckenna Administration Building	150	1	Storage in 105 - 105B	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	1	1	21	13	100%	13	0%	0	1,000	1,000	-	-	9	0.0
Mckenna Administration Building	151	1	Office in 105 - 105D	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	2,790	2,790	-	-	28	0.0
Mckenna Administration Building	152	1	Restroom in 105 - 105A	1L RLRB F17T8 - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	1	1	15	10	100%	10	0%	0	1,000	1,000	-	-	5	0.0
Mckenna Administration Building	153	1	Office 105	1L RLRB F32T8 - Low Power	Relamp only to low wattage 4' LED tube on existing LBF, electronic ballast	2	2	21	13	100%	13	0%	0	2,790	2,790	-	-	47	0.0
Mckenna Administration Building	154	1	Office 105	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	2,790	2,790	-	-	28	0.0
Mckenna Administration Building	155	1	Office 105	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	2	2	15	10	100%	10	0%	0	2,790	2,790	-	-	28	0.0
Mckenna Administration Building	156	1	Pupil Info in 105 - 105E	NEW 1'x2' 1L F17T8 WRAP - Low Power	Relamp only to 2' LED tube on existing LBF, electronic ballast	3	3	15	10	100%	10	0%	0	2,790	2,790	-	-	42	0.0
Mckenna Administration Building	157	1	Lobby at Front - 853	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	4	4	38	25	100%	25	0%	0	3,680	3,680	-	-	191	0.1
Mckenna Administration Building	158	1	Display in Lobby	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	2,820	2,820	-	-	37	0.0
Mckenna Administration Building	160	E	Front Main	Compact Fluorescent, quad, (2) 26W lamp, BF=0.95	2-13W LED CFL Replacement	1	1	56	26	100%	26	0%	0	4,380	4,380	-	-	131	0.0
Mckenna Administration Building	161	E	Front Door	Compact Fluorescent, quad, (1) 23W lamp	13W LED CFL Replacement	1	1	25	13	100%	13	0%	0	4,380	4,380	-	-	53	0.0
Mckenna Administration Building	162	E	Front right	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	2	2	368	120	100%	120	0%	0	4,380	4,380	-	-	2,172	0.5

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Mckenna Administration Building	163	E	Back by ALC	High Pressure Sodium, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	1	1	295	70	100%	70	0%	0	4,380	4,380	-	-	986	0.2
Mckenna Administration Building	164	E	Back door by ALC	Compact Fluorescent, quad, (1) 23W lamp	13W LED CFL Replacement	1	1	25	13	100%	13	0%	0	4,380	4,380	-	-	53	0.0
Mckenna Administration Building	165	E	Door by Custodian..	High Pressure Sodium, (1) 70W lamp	30W LED Low Profile Flood Type Wall Pack Fixture w/ Integrated Photocell	1	1	95	30	100%	30	0%	0	4,380	4,380	-	-	285	0.1
Mckenna Administration Building	166	E	Over Boiler Door	1L RLRB F32T8 - Normal Power	Relamp only to low wattage 4' LED tube on existing NBF, electronic ballast	1	1	23	15	100%	15	0%	0	4,380	4,380	-	-	37	0.0
Mckenna Administration Building	167	E	Back Parking Lot	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	2	2	368	120	100%	120	0%	0	4,380	4,380	-	-	2,172	0.5
Mckenna Administration Building	168	E	Back Left	Metal Halide, (1) 100W lamp	30W LED Low Profile Flood Type Wall Pack Fixture w/ Integrated Photocell	1	1	128	30	100%	30	0%	0	4,380	4,380	-	-	429	0.1
Mckenna Administration Building	169	E	Left side	320W PSMH RLRB	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
Mckenna Administration Building	170	E	Front left side	Metal Halide, (1) 100W lamp	30W LED Low Profile Flood Type Wall Pack Fixture w/ Integrated Photocell	1	1	128	30	100%	30	0%	0	4,380	4,380	-	-	429	0.1
Mckenna Administration Building	171	E	Front Parking	High Pressure Sodium, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	4	4	295	70	100%	70	0%	0	4,380	4,380	-	-	3,942	0.9
Grounds Shop Building	2	1	Garage - 700	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	7	7	38	25	100%	25	0%	0	2,280	2,280	-	-	207	0.1
Grounds Shop Building	3	1	Garage - 700	Metal Halide, (1) 250W lamp	16,000 Lumen High Bay with Adaptable Controls	1	1	295	121	80%	97	30%	36	2,280	684	912	684	573	0.2
Grounds Shop Building	4	1	Garage - 700	2L RLRB F32T8 - Low Power	Relamp only to TWO low wattage 4' LED tubes on existing LBF, electronic ballast	1	1	38	25	100%	25	0%	0	2,280	2,280	-	-	30	0.0
Grounds Shop Building	5	1	Lounge - 703	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	2	2	60	37	100%	37	0%	0	2,780	2,780	-	-	128	0.0
Grounds Shop Building	6	1	Office - 702	2L RLRB F32T8 w/ 2'x4' REF - High Power	Relamp only to TWO low wattage 4' LED tubes on existing HBF, electronic ballast	1	1	60	37	100%	37	0%	0	2,790	2,790	-	-	64	0.0
Grounds Shop Building	7	1	Sink room - 701	3L RLRB F32T8 - Low Power	Relamp only to THREE low wattage, 4' LED tubes on existing LBF, electronic ballast	1	1	57	38	100%	38	0%	0	1,000	1,000	-	-	20	0.0
Grounds Shop Building	9	E	Front	NEW 320W PSMH PARAFLOOD w/ VANDAL SHIELD & PHOTOCELL	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
Edward Bower Elementary School	179	E	Boiler Building	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	4,380	4,380	-	-	31	0.0
Edward Bower Elementary School	180	E	Boiler Back	NEW 320W PSMH PARAFLOOD w/ PHOTOCELL	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
Edward Bower Elementary School	181	E	Main Building Front	Metal Halide, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	2	2	295	70	100%	70	0%	0	4,380	4,380	-	-	1,971	0.5
Edward Bower Elementary School	182	E	Front Door	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	4,380	4,380	-	-	31	0.0
Edward Bower Elementary School	183	E	Next to front	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	4,380	4,380	-	-	31	0.0
Edward Bower Elementary School	184	E	Left of Front Door	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	4,380	4,380	-	-	31	0.0
Edward Bower Elementary School	185	E	Left Side	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	2	2	15	8	100%	8	0%	0	4,380	4,380	-	-	61	0.0
Edward Bower Elementary School	186	E	Back	Metal Halide, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	2	2	295	70	100%	70	0%	0	4,380	4,380	-	-	1,971	0.5

						Fixture Qty		Fixture Watts						Estimated Hours for Energy Savings				Savings	
Bldg	ECM	Flr	Description	Existing Fixture	Proposed Fixture	E Qty	P Qty	E Watts	P Watts	High Trim %	High Mode Watts	Low trim %	Low Mode Watts	E Hours	P Hours High	P Hours Low	P Hours Off	Total kWh Saved	Total kW Saved
Edward Bower Elementary School	187	E	Back	High Pressure Sodium, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	1	1	295	70	100%	70	0%	0	4,380	4,380	-	-	986	0.2
Edward Bower Elementary School	188	E	Back	High Pressure Sodium, (1) 250W lamp	70W LED 14" Flood Type Wall Pack Fixture	2	2	295	70	100%	70	0%	0	4,380	4,380	-	-	1,971	0.5
Edward Bower Elementary School	189	E	Back	Metal Halide, (1) 100W lamp	30W LED Low Profile Flood Type Wall Pack Fixture w/ Integrated Photocell	1	1	128	30	100%	30	0%	0	4,380	4,380	-	-	429	0.1
Edward Bower Elementary School	190	E	Left by boiler	NEW 320W PSMH PARAFLOOD w/ PHOTOCELL	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
Edward Bower Elementary School	191	E	Left Cafeteria Exit	High Pressure Sodium, (1) 400W lamp	120W LED Modular Area/Parking Fixture	1	1	465	120	100%	120	0%	0	4,380	4,380	-	-	1,511	0.3
Edward Bower Elementary School	192	E	Left Cafeteria Exit	NEW 320W PSMH PARAFLOOD w/ PHOTOCELL	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
Edward Bower Elementary School	193	E	Kitchen Exit	High Pressure Sodium, (1) 70W lamp	30W LED Low Profile Flood Type Wall Pack Fixture w/ Integrated Photocell	1	1	95	30	100%	30	0%	0	4,380	4,380	-	-	285	0.1
Edward Bower Elementary School	194	E	Right Side Door	Compact Fluorescent, quad, (1) 13W lamp	8W LED PL Lamp (G24 Base)	1	1	15	8	100%	8	0%	0	4,380	4,380	-	-	31	0.0
Edward Bower Elementary School	195	E	Right Side	NEW 320W PSMH PARAFLOOD w/ PHOTOCELL	120W LED Modular Area/Parking Fixture	1	1	368	120	100%	120	0%	0	4,380	4,380	-	-	1,086	0.2
						9972	9972											823,917	258.9

Lighting kWh Percent Reduction *59%*