



**ENERGY SERVICES AGREEMENT**

**BY AND BETWEEN**

**MAHOMET-SEYMOUR CUSD #3**

**AND**

**AMERESCO, INC.**

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**ENERGY SERVICES AGREEMENT**

**BY AND BETWEEN**

**Mahomet-Seymour CUSD #3**

**AND**

**AMERESCO, INC.**

*@ 4 pm*

**THIS ENERGY SERVICES AGREEMENT** (the "Agreement") is entered into this 11<sup>th</sup> day of January, 2013, by and between Mahomet-Seymour CUSD #3, having its principal place of business located at 101 North Division Street, Mahomet, IL 61853 (hereinafter referred to as "CUSTOMER") and Ameresco, Inc., having its principal place of business at 111 Speen Street, Suite 410, Framingham, MA 01701 (hereinafter referred to as "Ameresco"). The parties to this Agreement shall be collectively referred to as the "Parties" and individually as a "Party."

**WHEREAS**, CUSTOMER has issued a Request for Proposal, dated November 13, 2012 (RFP) seeking proposals from qualified offerors to provide performance-based services for the design and execution of an energy consumption reduction plan including acceptance of payment for such services via guaranteed cost savings accrued as a result of plan implementation which is incorporated by reference as part of this Agreement;

**WHEREAS**, Ameresco has prepared and issued a Proposal to CUSTOMER, in response to the RFP, dated December 13, 2012 ("Proposal");

**WHEREAS**, CUSTOMER wishes Ameresco to perform a project ("Project") consisting of certain energy conservation services and installations ("Scope of Services") at CUSTOMER's buildings described in Attachment A (the "Property"), and Ameresco wishes to perform such services; and

**WHEREAS**, CUSTOMER owns and controls the Property.

**NOW, THEREFORE**, in consideration of the mutual promises and agreements contained herein, the Parties hereby agree as follows:

**SECTION 1 SCOPE OF SERVICES**

(a) Work:

Upon delivery by CUSTOMER to Ameresco of a "Notice To Proceed", substantially in the form attached to this Agreement as Attachment E, Ameresco shall furnish all labor, materials and equipment and perform all work required for the completion of the Scope of Services set forth in Attachment B, including the installation of the energy conservation measures and facility improvement measures identified therein ("ECM(s)"), as such Scope of Services and such Attachments may be modified in accordance with this Agreement. CUSTOMER and Ameresco shall mutually plan the scheduling of the ECM(s). The ECM(s) shall be planned to minimize interruption of the daily routine of CUSTOMER's staff and students except as permitted in writing by CUSTOMER.

- (b) Disposal: Ameresco shall be responsible for disposal of all non-hazardous equipment and materials which are rendered useless and removed as a result of installation of the ECM(s) pursuant to this Agreement, the cost of which is included as part of the Project cost. In addition, Ameresco shall, at its cost, cause all lamps which are classified as hazardous wastes by the rules and regulations of the U.S. Environmental Protection Agency (40 CFR Parts 260 through 279) as may be applicable, and PCB-contaminated ballasts, if any, which have been rendered useless and removed as a result of the installations of the ECM(s) to be transported and disposed of. All other existing PCB-contaminated ballasts, lamps and all other hazardous materials (if any), however, remain the responsibility of

CUSTOMER and Ameresco shall assume no liability in connection with their removal, transportation or disposal.

(c) Asbestos and Lead Paint:

- (i) Asbestos: Ameresco's Scope of Services is predicated on the viability of the Project without Ameresco encountering or disturbing asbestos or being required to perform any asbestos abatement or taking any other action with respect to asbestos, except for asbestos explicitly included in the following locations, the cost of which is included as part of the "Contract Cost" as such term is defined in Section 4 of this Agreement:

- Scope of work is lighting upgrade only. No asbestos abatement is required for this noted work scope

CUSTOMER hereby represents that there is no asbestos in any area wherein Ameresco shall be performing the Scope of Services except as specified above. In the event that: (a) Ameresco encounters any friable asbestos which is in the vicinity of the Project that is not identified above, (b) Ameresco determines that its work shall result in the disturbance of asbestos material not identified above, or (c) Ameresco determines that the presence of asbestos material not identified above may impede Ameresco's work, Ameresco shall notify CUSTOMER of the same and CUSTOMER shall, at its cost, cause the asbestos to be lawfully removed, enclosed, encapsulated or otherwise abated in accordance with applicable laws, rules and regulations, or alternatively, CUSTOMER, at its cost, may provide written test reports showing that asbestos in that area has been properly removed, enclosed, encapsulated or otherwise abated in accordance with applicable laws rules and regulations. In the event Ameresco cannot determine whether any particular material does or does not contain asbestos, CUSTOMER, upon Ameresco's written request, shall, at CUSTOMER's cost, lawfully perform tests or cause tests to be performed in order to determine whether or not such material contains asbestos and/or whether there are unacceptable levels of airborne particulate material containing asbestos and provide such test report to Ameresco. Under no circumstances, except as identified above, shall Ameresco be required to handle asbestos. In the event it encounters asbestos that materially affects the Scope of Services or the Project schedule, Ameresco, at its option, may demobilize and cease construction in the area affected by the presence of asbestos until such time as CUSTOMER performs the actions required to be performed by CUSTOMER that are described in this Subsection. In the event that CUSTOMER does not promptly take action, as provided herein, or notifies Ameresco that it shall not take such action, Ameresco may, at its option, either remove the affected area from its Scope of Services (and make commensurate adjustments to its rights and obligations) or mutually agree with CUSTOMER to terminate this Agreement in its entirety, any such agreement not to be unreasonably withheld. CUSTOMER shall be responsible for payment of the portion of the Work implemented prior to such termination. CUSTOMER shall be responsible for any and all costs (including termination) incurred by Ameresco that relate to the presence of asbestos.

- (ii) Lead Paint: Ameresco's Scope of Services is predicated upon the viability of the Project without Ameresco encountering or disturbing lead paint or being required to perform abatement or providing any notice or taking any other action with respect to lead paint. CUSTOMER hereby represents that there is no exposed lead paint in any area in which Ameresco shall be performing the Scope of Services. In the event that Ameresco encounters lead paint in any area where it is to perform the Scope of services, which services shall require disturbing lead paint, and Ameresco reasonably believes that such paint may be lead paint, CUSTOMER, upon Ameresco's written request, shall, at CUSTOMER's cost, lawfully perform tests or cause tests to be performed in order to determine whether or not such paint contains lead and shall provide a test report to Ameresco. In the event that: such test report demonstrates the presence of lead paint or Ameresco reasonably believes that performing its services under this Agreement is likely to cause the disturbance of lead paint in such a manner as to require Ameresco to provide any notification or take any actions pursuant to any federal, state or local laws, rules, or regulations and Ameresco notifies CUSTOMER of the same, CUSTOMER shall, in either case, at its cost, cause the lead paint to be lawfully

removed, or otherwise abated in accordance with applicable laws, rules and regulations. Under no circumstances, shall Ameresco be required to perform services, which cause the disturbance of lead paint. In the event lead paint materially affects the Project Schedule, Ameresco, at its sole option, may demobilize and cease construction in the area affected by the presence of lead paint until such time as CUSTOMER performs the actions required to be performed by CUSTOMER. In the event that CUSTOMER does not promptly take action as provided herein or notifies Ameresco that it shall not take such action, Ameresco may, at its sole option, either remove the affected area from its Scope of Services (and make commensurate adjustments to the rights and obligations of the Parties) or mutually agree with CUSTOMER to terminate this Agreement in its entirety, which agreement shall not be unreasonably withheld and CUSTOMER shall be responsible for payment of the portion of the Work implemented prior to such termination.. CUSTOMER shall be responsible for any and all costs (including termination) incurred by Ameresco that relate to the presence of lead paint.

- (d) Compliance With Law: The Parties shall comply with all federal, state and local laws, rules and regulations now in effect or known to be changing during the construction period.
- (e) Taxes: CUSTOMER represents that it is a tax exempt not for profit educational entity and that it shall cooperate with Ameresco and provide Ameresco with appropriate resale exemption documentation so that Ameresco may attempt to establish that it shall not have to pay taxes, fees and assessments or other charges of any character which may be imposed or incurred by any governmental or public authority as an incident to title to, or operation of the ECM(s) (Taxes) which would otherwise be levied upon or in respect to said interest component or of the ECM(s). Notwithstanding the foregoing, CUSTOMER shall pay (or, if applicable, reimburse Ameresco for the payment of) all property, sales taxes, use taxes or other fees and assessments associated with the Work. CUSTOMER shall have no liability for taxes measured by the net income of Ameresco.
- (f) Duties, Obligations and Responsibilities of Ameresco:
  - (i) All labor furnished under this Agreement shall be performed by personnel who are competent to perform the tasks undertaken, that all materials and equipment provided shall be new and of agreed upon quality unless otherwise agreed, and that the completed ECM(s) shall comply in all material respects with the requirements of this Agreement.
  - (ii) Ameresco shall maintain the Project site in a reasonably clean condition during the performance of the construction Work.
  - (iii) Ameresco shall regularly, as mutually agreed upon by the Parties, clean the Project site of all debris, trash and excess material or equipment generated by Ameresco's construction Work hereunder.
  - (iv) Ameresco shall permit CUSTOMER or any of its representatives to enter upon the Project site to review or inspect the ECM(s) without formality or other procedure, except that all such entries must be in compliance with all safety procedures, rules and regulations.
  - (v) Ameresco shall provide equipment manuals and other appropriate information regarding equipment installed hereunder to CUSTOMER at or about the time of "Substantial Completion" as such term is defined below.
  - (vi) Ameresco shall conduct at its expense, criminal background checks on all of its employees and shall require the same for all of the employees of Ameresco's subcontractors who will have direct, daily contact with pupils of the CUSTOMER's school(s), in accordance with Section 21.9(f) of the *School Code*. Ameresco shall provide CUSTOMER with copies of all criminal background checks performed. Ameresco shall remove any employee from the site where required by law or as may be requested by CUSTOMER. Ameresco shall insert provisions in all subcontracts requiring such criminal background checks in accordance with this provision.



## **SECTION 2      Ownership of ECM(s)**

Title to and ownership of the ECM(s) identified in Attachment B shall automatically transfer to CUSTOMER, or as applicable, lessor in accordance with terms of a lease, upon the occurrence of both: (a) execution and delivery of each Delivery and Acceptance Certificate substantially in the form attached to this Agreement as Attachment D or a Percent Complete Acknowledgement Certificate substantially in the form attached to this Agreement as Attachment D (1), the execution and delivery of which shall not be unreasonably withheld, conditioned or delayed, and (b) completion of all of CUSTOMER's payment obligations to Ameresco, excluding payment obligations related to maintenance or other continuous services, if applicable. For the purposes of this Agreement the term "Substantial Completion" shall mean that the ECM(s) have been installed by Ameresco, and, if such ECM(s) are equipment, such equipment is then operating in a manner consistent with each manufacturer's intended use. Ameresco shall be entitled to all rights, benefits and remedies afforded a secured party under law with respect to the ECM(s) installed pursuant to this Agreement, including but not limited to those under the Uniform Commercial Code, as adopted in the State of Illinois or any other applicable State of Illinois law. Ameresco shall retain such security interest in the ECM(s), pursuant to this Agreement, for equipment installed hereunder until CUSTOMER executes and delivers a Delivery and Acceptance Certificate and title has transferred to CUSTOMER. If requested by Ameresco in connection therewith, CUSTOMER agrees to provide to Ameresco required financing statements and other documents necessary in order for Ameresco and/or any bank, or other financial institution to whom Ameresco has assigned any interest in this Agreement, to perfect such security interest in the ECM(s). A final Delivery and Acceptance Certificate, attached hereto as Attachment D, shall be executed by Customer upon Substantial Completion of the installation of the ECMs. Customer shall not unreasonably withhold or delay the execution and delivery of the Delivery and Acceptance Certificate.

## **SECTION 3                      Intentionally Omitted (TIE WITH FINANCE DOCUMENTS AS NEEDED)**

## **SECTION 4                      Compensation and Payment**

- (a) The "Contract Cost" shall be FIVE HUNDRED TWENTY SEVEN THOUSAND TWO HUNDRED SEVENTY TWO and 00/100 Dollars (\$527,272).
- (b) Upon CUSTOMER'S securing of financing and subsequent delivery by CUSTOMER to Ameresco of a Notice to Proceed, substantially in the form attached to this Agreement as Attachment E, including proof of financing, if applicable, CUSTOMER shall pay Ameresco ten percent (10%) of the Contract Cost. Thereafter, Ameresco shall submit invoices to Customer for monthly progress payments to Ameresco based upon the percentage of the Project construction and equipment procurement completed at the end of each month, so that Ameresco is paid the percentage of the Contract Cost that is commensurate with the percentage of completion of the Scope of Services. A Percent Complete Acknowledgement Certificate in the form attached hereto as Attachment D (1) will be executed by Customer during each month of the construction period showing percent complete and monthly payment due. CUSTOMER shall make payment to Ameresco, within thirty (30) days after the submission of each such invoice (the "Due Date"). A final Delivery and Acceptance Certificate, attached hereto as Attachment D, shall be executed by Customer upon Substantial Completion of the installation of the ECMs. Customer shall not unreasonably withhold or delay the execution and delivery of the Delivery and Acceptance Certificate.
- (c) All amounts not paid to Ameresco on or before the Due Dates specified in Subsection 4(b) shall accrue interest at the Prime rate of interest as published in the Wall Street Journal for major banks. If Ameresco is prohibited by law from charging interest at said rate but is instead limited by law to charging a maximum rate, which is a lower rate, Ameresco shall charge interest at said lower rate on all outstanding balances until payment in full is received.

## **SECTION 5                      Term**

This Agreement shall be effective on the date first above written and shall remain in effect through the "Guarantee Period" as such term is defined in Attachment C (the "Term") or, unless terminated prior to such date, as provided for in Section 12 of this Agreement. Notwithstanding the foregoing, nothing in this Section 5 Confidential & Proprietary Information of Ameresco, Inc.

shall relieve CUSTOMER from paying amounts, which accrued prior to such termination of this Agreement, when due under this Agreement.

**SECTION 6**                    **Guarantee of Savings**

- (a) To the extent set forth in Attachment C, and solely in accordance with Attachment C, Ameresco hereby guarantees the Annual Guaranteed Savings Amount, as such term is defined in Attachment C, to be achieved by CUSTOMER as a result of performance of the Scope of Services.
- (b) The Annual Guaranteed Savings Amount is subject to CUSTOMER performing all of its maintenance and other obligations under this Agreement that may affect the achieved Annual Guarantee Savings Amount. In the event that CUSTOMER fails to perform, its obligations under this Agreement or interferes with, or permits any third party to take any action which, in the reasonable opinion of Ameresco, may prevent the achievement of the Annual Guaranteed Savings Amount under this Agreement, Ameresco may, after providing CUSTOMER thirty (30) days advance notice, adjust the Annual Guaranteed Savings Amount during the period in which such savings were affected to reflect the impact such actions had on same. Ameresco's rights set forth in this section shall not be in limitation of any other rights it is entitled to by law and under this Agreement.

**SECTION 7**                    **Right of Entry/Space**

During the Term of this Agreement, CUSTOMER shall provide Ameresco and its employees, agents and subcontractors access to the Property for the purpose of fulfilling Ameresco's obligations under this Agreement. CUSTOMER shall provide required rent free space for the installation and operation of the ECM(s) and shall protect such items and equipment in the same careful manner that CUSTOMER protects the Property.

**SECTION 8**                    **Changes in Services**

The Scope of Services may be changed only by mutual agreement of the Parties evidenced by execution of a "Change Order" substantially in the form attached to this Agreement as Attachment F, including the quantity, quality, dimensions, type or other characteristics of the ECMs. In addition, the Scope of Services may be reduced or expanded including, without limitation, the addition or reduction of other energy efficiency measures and facilities not included within the ECMs scheduled on Attachment B by the execution and delivery of a Change Order Form. Such Change Order Form may serve as a remedy for a partial default pursuant to Sections 11 and 12, below.

**SECTION 9**                    **Warranties**

Ameresco hereby agrees as follows:

- (a) Ameresco warrants that the work hereunder is warranted to be free from defects in materials and workmanship for a period of one (1) year from the date of execution of the Delivery and Acceptance Certificate by CUSTOMER. Any manufacturers' warranties which exceed this one (1) year period shall be assigned to Customer to the extent allowed by the manufacturer.
- (b) To furnish adequate protection from damage for all work and to repair damages of any kind for which Ameresco or Ameresco's workmen are responsible, to the building or equipment, to Ameresco's own work, or to the work of others.
- (c) Any equipment or service provided under this Agreement which is or becomes defective during the Warranty Period shall be replaced by Ameresco at its cost. Ameresco shall make any such replacements promptly upon receiving notice from CUSTOMER.
- (d) EXCEPT AS PROVIDED ABOVE, AMERESCO MAKES NO FURTHER WARRANTIES OR REPRESENTATIONS OF ANY KIND, WHETHER STATUTORY, WRITTEN, ORAL OR IMPLIED, INCLUDING WITHOUT LIMITATION, WARRANTIES AS TO THE VALUE, DESIGN, AND CONDITION OR FITNESS FOR USE OR PARTICULAR PURPOSE AND MERCHANTABILITY,

Confidential & Proprietary Information of Ameresco, Inc.

REGARDING THE ECM(s).

**SECTION 10                      Customer's Role and Responsibilities**

- (a) Operations: CUSTOMER shall operate all equipment installed hereunder in accordance with the manufacturer's recommendations and the manuals supplied to CUSTOMER by Ameresco.
- (b) Maintenance: CUSTOMER shall, at its expense, maintain the Property in good working condition during the Term of this Agreement. CUSTOMER shall maintain, at CUSTOMER's expense: (i) all equipment and other components included as part of the ECMs, and (ii) all other equipment which is attached thereto and/or is integral to the proper functioning of the ECMs.
- (c) Malfunctions: CUSTOMER shall notify Ameresco immediately in the event of any malfunction in the operation of the ECM(s) installed hereunder.
- (d) Protection of ECMs: Except in the case of emergency, CUSTOMER shall not remove, move, alter, turn off or otherwise significantly alter the operation of the equipment installed hereunder or the operation of the ECMs, or any individual part thereof, without the prior approval of Ameresco, which approval shall not be unreasonably withheld. After receiving Ameresco's approval, CUSTOMER shall proceed as instructed. CUSTOMER shall act reasonably to protect the ECMs from damage or loss, if, due to an emergency, it is not reasonable to notify Ameresco before acting. CUSTOMER agrees to protect and the equipment and operating condition of the ECMs.
- (e) Measurement System: CUSTOMER shall not move, modify or otherwise alter the measurement and verification system installed as part of the ECM(s) or any component thereof without the written consent of Ameresco unless such action is in accordance with manuals provided by Ameresco.
- (f) Adjustment to Baseline: If CUSTOMER does not reasonably protect the ECM(s) or maintain the Property in good repair and good working condition, Ameresco, after thirty (30) days advance notice to CUSTOMER, may adjust the baseline, as identified in Attachment D.
- (g) Changes to Property or Additional Equipment: CUSTOMER shall notify Ameresco in writing at least thirty (30) days prior to making any changes to the Property that may affect the energy usage on the Property, including, but not limited to, changes in the hours or days or time of year that the Property is occupied or operated, the number of occupants (including, but not limited to, staff, faculty and students), the activity conducted, the equipment, the facilities, or the size of the Property. CUSTOMER shall also notify Ameresco regarding increases over time in numbers and usage of "plug in" devices such as computers and printers. In the event Ameresco receives such notification or otherwise determines that such a change has occurred, it may make the revisions to the Attachments or take such other action as may be provided for hereunder. Ameresco may also make retroactive adjustments if CUSTOMER has not provided timely notice and any payments shall be retroactively reconciled to reflect the changed baseline.
- (h) Energy Usage Data: CUSTOMER shall make available to Ameresco, on a monthly basis for the Term of this Agreement, copies of all energy bills, energy usage data, and any and all other such documentation maintained by CUSTOMER, as may be requested by Ameresco, which is required to perform all of its obligations under this Agreement.
- (i) Insurance and Risk of Loss or Damage: Without limiting any of its obligations or liabilities under this Agreement, CUSTOMER shall, at its expense, provide and maintain at all times during the Term of this Agreement, sufficient insurance against the loss, theft of or damage to the ECM(s), related equipment, and all equipment installed hereunder, for the full replacement value thereof. In addition CUSTOMER's Commercial General Liability insurance shall be primary for any property damage or bodily injury during the performance of the Work hereunder.

Upon installation, CUSTOMER assumes all risk of loss of or damage to the ECM(s) from any cause whatsoever except to the extent that such loss or damage was caused by the sole negligence of Ameresco. In the event of loss or damage to any equipment installed hereunder, CUSTOMER shall promptly notify Ameresco and immediately return the same to good repair with the proceeds of any



insurance received to the cost of such repair. If CUSTOMER determines that any of the ECM(s) are lost, stolen, confiscated, destroyed or damaged beyond repair, CUSTOMER shall replace the same with like equipment in good repair in a timely fashion.

- (j) Telephone: CUSTOMER is responsible for installing and maintaining telephone lines and all associated costs for the ECM(s) telephone lines or applicable energy management system communication systems.
- (k) Protection: CUSTOMER shall at all times act reasonably to protect the ECM(s) from loss or damage to the same extent and in the same manner in which it protects the Property.
- (l) Alteration: CUSTOMER agrees not to move or alter or change the ECM(s) in any way that may cause a reduction in the level of efficiency or savings generated by the ECM or the equipment installed hereunder without obtaining Ameresco's written approval.
- (m) Storage: CUSTOMER shall provide rent free space for Ameresco, or any of its subcontractors, to mobilize and store supplies, tools and equipment during installation of the ECM(s) or other activities by Ameresco on the Property as available pursuant to this Agreement for which such storage space may be required with locking capacity acceptable to Ameresco. Only Ameresco or any of Ameresco's subcontractors, and CUSTOMER's assigned personnel shall have access to storage.
- (n) Fuel: CUSTOMER shall procure and pay for all energy and fuel for the operation of the Property.
- (o) Filings: CUSTOMER shall make all filings, if any, required of it by the State of Illinois relating to the Project. Ameresco shall reasonably cooperate with CUSTOMER regarding any such filings.
- (p) Cooperation during Construction: CUSTOMER acknowledges and agrees that completion of the Scope of Services is dependent on CUSTOMER's cooperation in relocating personnel, furniture and equipment or taking such other actions as may be necessary by CUSTOMER in order to prepare space for work by Ameresco. CUSTOMER agrees to take all such actions as is reasonably requested by Ameresco in a timely manner in order to allow the Scope of Work to be accomplished hereunder.

## **SECTION 11**            **Defaults**

- (a) By CUSTOMER.

CUSTOMER shall be in default under this Agreement upon the occurrence of any of the following:

- (i) CUSTOMER fails to pay when due any amount to be paid under this Agreement and such failure continues for a period of five (5) business days after notice of overdue payment is delivered by Ameresco to CUSTOMER;
- (ii) CUSTOMER fails to perform any of its required duties or obligations under this Agreement and fails to cure such failure and the effects of such failure within thirty (30) days of receipt of written notice of default, unless such failures and effects cannot be completely cured within thirty (30) days after said written notice, in which case a default shall exist only if CUSTOMER does not commence and diligently pursue to cure such failures and effects as soon as practicable;
- (iii) CUSTOMER enters receivership, or makes an assignment for the benefit of creditors, whether voluntary or involuntary, or a petition is filed by or against CUSTOMER under any bankruptcy, insolvency or similar law and such petition is not dismissed within sixty (60) days.
- (iv) CUSTOMER fails to cooperate in relocating personnel, furniture and equipment or to take such other actions as may be necessary by CUSTOMER in order to prepare space for work by Ameresco as is reasonably requested by Ameresco in a timely manner in order to allow the Scope of Work to be accomplished hereunder, may result in a Default of the specific ECM or ECMs, that the failure is related to.

- (b) By Ameresco.

Ameresco shall be in default under this Agreement if Ameresco fails to perform any of its material duties or obligations under this Agreement and fails to cure such failure or effects of such failure within thirty (30) days of receipt of written notice of default, unless such failure or effects of such failure cannot be completely cured within thirty (30) days after said written notice, in which case a default shall exist only if Ameresco does not promptly commence and diligently pursue to cure such failure as soon as practicable.

**SECTION 12 Remedies for Default**

- (a) In the event CUSTOMER defaults under this Agreement, Ameresco may:
- (i) bring actions for any remedies available at law or in equity or other appropriate proceedings for the recovery of damages, including amounts past due, and/or bring an action in equity for specific performance; and
  - (ii) with or without recourse to legal process, Ameresco may terminate this Agreement by delivering written notice of termination at least thirty (30) days prior to the requested termination date.
  - (iii) For a partial Default: Ameresco, at its option may,
    - (a) Terminate the specific ECM or ECMs, that the failure is related to; or
    - (b) Continue to work with CUSTOMER to install the ECM or ECMs, upon agreement between the parties as to the revised Scope of Work and Schedule and CUSTOMER's delivery of an executed Change Order Form in accordance with Section 8, hereof.
- (b) In the event Ameresco defaults under this Agreement, CUSTOMER may terminate this Agreement and bring an action in law for direct damages.

**SECTION 13 Intentionally Omitted. (NOTE: FINANCIAL DEFAULT ISSUES INCLUDING TERMINATION SCHEDULE)**

**SECTION 14 Insurance and Bonds**

(a) By Ameresco: Without limiting any of its obligations or liabilities under this Agreement, Ameresco shall provide and maintain at its expense, the following insurance coverage where reasonable market availability for such insurance exists:

- (i) Workers' Compensation and Employer's Liability Insurance as required by law.
- (ii) Comprehensive General Liability Insurance, including contractual liability, Bodily Injury per person, \$1 million; Bodily Injury per occurrence, \$1 million; Property Damage per occurrence, \$1 million; Personal Injury per occurrence, \$1 million; and Excess Liability, \$5 million.
- (iii) Comprehensive Automobile Liability Insurance, including owned, non-owned and hired automotive equipment of, Bodily Injury per person, \$1 million; Bodily Injury per occurrence, \$1 million; Property Damage per occurrence, \$1 million; and Excess Liability, \$5 million.
- (iv) Ameresco shall deliver to CUSTOMER a Certificate of Insurance naming CUSTOMER as an additional insured party under paragraphs (ii) and (iii), above, and agrees to provide CUSTOMER with at least thirty (30) days notice of cancellation.
- (v) Professional Liability Insurance - in the minimum amount of \$1,000,000 until completion and acceptance of performance hereunder, as will protect CUSTOMER from claims which may arise out of or result from Ameresco's professional Services under this Agreement or by a contractor or subcontractor of Ameresco, or by anyone directly or indirectly employed by any of them, or by anyone for whose acts Ameresco may be liable.

Ameresco shall deliver to CUSTOMER Performance and Payment Bonds in a sum equal to the Contract Cost conditioned upon faithful performance of the Agreement by Ameresco, for the implementation of the ECM(s) as it may be from time to time modified by Change Orders within ten (ten) days of issuance of a Notice to Proceed. The Performance Bond applies only to the installation portion of this Agreement and does not apply in any way to energy savings guarantees, payments or maintenance provisions, except that the Performance Bond shall guarantee that the installation will be free of defective materials and workmanship for a period of twelve (12) months following completion and acceptance of the Work.

(b) By CUSTOMER: Without limiting any of its obligations or liabilities under this Agreement, CUSTOMER shall provide and maintain at its expense, insurance coverage consistent with the requirements of section 14 (i) and (ii), above.

#### **SECTION 15                    Indemnification and Limitation of Liability**

- (a) Neither Party nor its respective officers, directors, agents, employees, parent, subsidiaries or affiliates or their affiliates' officers, directors, agents or employees shall be liable, irrespective of whether such claim of liability is based upon breach of warranty, tort, (including negligence, whether of any of the Parties to this Agreement or others), strict liability, contract, operation of law or otherwise, to any other Party, or its affiliates, officers, directors, agents, employees, successors or assigns, or their respective insureds, for incidental, indirect, punitive or consequential damages, connected with, related to or arising from performance or non-performance of this Agreement, or any action or inaction in connection therewith including, without limitation, claims in the nature of lost revenues, income or profits (other than payments expressly required and due under this Agreement), and increased expense of, reduction in or loss of power generation production or equipment used therefore.
- (b) Ameresco's liability in contract for direct damages under this Agreement shall in all cases be limited to the sum of the payments received by Ameresco under this Agreement. Ameresco's liability in tort and the liability in tort of any of its officers, employees, agents, affiliates or subcontractors, shall in all cases be limited to the lesser of direct damages relating to physical damage to CUSTOMER's Property or the amount of its insurance in force pursuant to section 14 of this Agreement.
- (c) Ameresco's liability to CUSTOMER in tort shall in all cases be limited to the actual proceeds of insurance under the policies maintained by Ameresco pursuant to the requirements of this Agreement.
- (d) Ameresco agrees to defend, indemnify and hold CUSTOMER harmless from and against any and all claims for damages but only to the extent such damages arise by reason of bodily injury, death or damage to property caused by Ameresco's sole negligence or willful misconduct. To the extent that any such damages are covered by or under Ameresco's Comprehensive General Liability Insurance policy, Ameresco shall not be required to indemnify CUSTOMER in excess of the limits of such coverage. Ameresco, however, in no event shall be obligated to indemnify CUSTOMER to the extent that any such injury or damage is caused by the negligence of CUSTOMER or any entity for which CUSTOMER is legally responsible.
- (e) CUSTOMER agrees to defend, indemnify and hold harmless Ameresco, its officers, agents and employees, from and against any and all claims, liabilities, actions, demands, judgments, losses, costs, expenses (including reasonable attorneys' fees), suits, actions or damages arising by reason of bodily injury, death or damage to property sustained by any person or entity to the extent caused by or sustained as a result of the negligence or willful misconduct of CUSTOMER, its officers, agents, subcontractors or employees. CUSTOMER, however, in no event shall be obligated to defend Ameresco to the extent that any such injury or damage is caused by the sole negligence of Ameresco or any person or entity for which Ameresco is legally responsible.

#### **SECTION 16                    Agreement Interpretation and Performance**

This Agreement shall be governed as to all matters whether of validity, interpretations, obligations, performance or otherwise exclusively by the laws of the State of Illinois, except those requiring application of the law of another jurisdiction, and all questions arising with respect thereto shall be determined in accordance with such laws. Regardless of where actually delivered and accepted, this Agreement shall be deemed to Confidential & Proprietary Information of Ameresco, Inc.

have been delivered and accepted by all parties in the State of Illinois.

**SECTION 17**                    **Privileged and Proprietary Information**

Ameresco's systems, means, cost, and methodologies of evaluating, implementing, accomplishing and determining energy savings and the terms of the Agreement for this Project shall be considered privileged and proprietary information. Trade secrets or proprietary information submitted by Ameresco to CUSTOMER in relation to this Agreement shall be submitted in a sealed envelope clearly marked "PROPRIETARY". CUSTOMER shall use the same level of effort to protect and safeguard such information as it employs to safeguard its own confidential information. CUSTOMER shall not disclose such proprietary information without the express written consent of an officer of Ameresco unless required to do so by statute or regulation.

When any request for disclosure of such information is made under any applicable freedom of information law (the "FOIL"), CUSTOMER shall provide prompt verbal and written notice to Ameresco such that Ameresco will have the opportunity to timely object under the FOIL should it desire to object to such disclosure of that information in whole or in part. In the event that CUSTOMER is required to make a filing with any agency or other governmental body, which includes such information, CUSTOMER shall notify Ameresco and cooperate with Ameresco in order to seek confidential treatment of such information included within any such filing or, if all such information cannot be protected from disclosure, to request that CUSTOMER be permitted to redact portions of such information, as Ameresco may designate, from that portion of said filing which is to be made available to the public.

**SECTION 18**                    **Severability**

If any provision of this Agreement is found by any court of competent jurisdiction to be invalid or unenforceable, the invalidity of such provision shall not affect the other provisions of this Agreement, and all other provisions of this Agreement shall remain in full force and effect.

**SECTION 19**                    **Assignments and Subcontracting**

- (a) Ameresco may elect to use subcontractors in meeting its obligations hereunder.
- (b) CUSTOMER shall not assign, transfer, or otherwise dispose of this Agreement, the ECM(s), or any interest therein, or sublet or lend the ECM(s) or permit the ECM(s) to be used by anyone other than CUSTOMER and CUSTOMER's employees without the prior express written consent of Ameresco.
- (c) Ameresco shall not assign this Agreement in whole or in part to any other party without first obtaining the consent of CUSTOMER, which consent shall not be unreasonably withheld; provided that, Ameresco may assign, without obtaining the consent of CUSTOMER, its rights and obligations under this Agreement in whole or in part to any affiliated or associated company of Ameresco and its rights for payments under this Agreement to any financial institution, lender or investor in connection with a leasing or financing arrangement for the ECM(s). Ameresco shall notify CUSTOMER thirty (30) days prior to any such assignment and CUSTOMER agrees to acknowledge receipt of such notice within five (5) days.

**SECTION 20**                    **Waiver**

Any waiver of any provision of this Agreement shall be in writing and shall be signed by a duly authorized agent of Ameresco and CUSTOMER. The waiver by either Party of any term or condition of this Agreement shall not be deemed to constitute a continuing waiver thereof nor of any further or future waiver of any additional right that such Party may be entitled to under this Agreement.

**SECTION 21**                    **Force Majeure**

If either Party shall be unable to carry out any material part of its obligations under this Agreement, except CUSTOMER's obligations to make payments when due) due to causes beyond its control ("Force Majeure"), including, but not limited to, an act of God, strikes, lockouts or other industrial disturbances acts of public enemies orders or restraints of any kind of the government of the United States or any state or any of their departments agencies or officials or any other civil governmental, military or judicial authority, war, blockage, insurrection, riot, sudden action of the elements, fire, explosion, flood, earthquake, storms, drought, landslide, Confidential & Proprietary Information of Ameresco, Inc.



or explosion or nuclear emergency, this Agreement shall remain in effect but the affected Party's obligations shall be suspended for a period equal to the disabling circumstances, provided that:

- (a) the non-performing Party gives the other Party prompt written notice describing the particulars of the event of Force Majeure, including but not limited to the nature of the occurrence and its expected duration, and continues to furnish timely regular reports with respect thereto during the period of Force Majeure;
- (b) the suspension of performance is of no greater scope and of no longer duration than is required by the event of Force Majeure;
- (c) no obligations of either Party that arose before the event of Force Majeure causing the suspension of performance are excused as a result of the event Force Majeure;
- (d) the non-performing Party uses reasonable efforts to remedy its inability to perform; and
- (e) the Term of this Agreement, as mutually agreed upon by CUSTOMER and Ameresco, shall be extended for a period equal to the number of days that the event of Force Majeure prevented the non-performing Party from performing.

Any decision by CUSTOMER to close or change the use of the facilities or ECM's at the Property shall not constitute a Force Majeure excusing Customer's performance under this Agreement.

**SECTION 22**                      **Contract Documents**

- (a) Upon execution of this Agreement by both Parties, this Agreement and its Attachments shall constitute the entire Agreement between the Parties relating to the subject matter hereof, and supersedes all proposals, previous agreements, discussions, correspondences, and all other communications, whether oral or written, between the Parties relating to the subject matter of this Agreement. In the case of any conflict between this Agreement and the Attachments or any other document referred to in this Agreement, the provisions of this Agreement shall control.
- (b) This Agreement may not be modified or amended except in writing signed by the Parties.
- (c) Headings are for the convenience of reference only and are not to be construed as a part of the Agreement.



**SECTION 23**            **Notices**

All notices, requests, demands, elections and other communications under this Agreement, other than operational communications, shall be in writing and shall be deemed to have been duly given on the date when hand-delivered, or on the date of the confirmed facsimile transmission, or on the date received when delivered by courier that has a reliable system for tracking delivery, or six (6) business days after the date of mailing when mailed by United States mail, registered or certified mail, return receipt requested, postage prepaid. All notices shall be addressed to the following individuals:

(a)     If to CUSTOMER:

Mahomet-Seymour CUSD #3  
101 North Division Street  
Mahomet, IL 61853  
Attention: Rick Johnston

(b)     If to Ameresco:

Ameresco, Inc.  
1900 Spring Road, Suite 400  
Oak Brook IL, 60523  
Attention: Lou Maltezos,  
Executive Vice President & General Manager – Central Region

With a copy to:

Ameresco, Inc.  
111 Speen Street, Suite 410  
Framingham, MA 01701,  
Attention: General Counsel

Either Party may from time to time change the individual(s) to receive notices and/or its address for notification purposes by giving the other Party written notice as provided above.

**SECTION 24**            **Records**

To assist Ameresco in its performance of this Agreement, CUSTOMER shall (to the extent it has not already done so) furnish (or cause its energy suppliers and transporters to furnish) to Ameresco, upon its request, accurate and complete data (kept by CUSTOMER or CUSTOMER's energy suppliers and transporters in the regular course of their respective businesses) concerning energy usage for the existing facilities at the Property, including the following data for the most current thirty-six (36) month period: utility records, occupancy information; descriptions of any changes in building structure or heating, cooling or other systems or energy requirements; descriptions of all energy consuming or saving equipment used on Property; descriptions of all energy management procedures presently utilized. If requested by Ameresco, CUSTOMER shall also provide any prior energy analyses of the Property, to the extent available.

**SECTION 25**            **Representations and Warranties**

Each Party warrants and represents to the other Party that:

- (a)     It has all requisite power, authority, licenses, permits, and franchises, corporate or otherwise, to execute and deliver this Agreement and perform its obligations hereunder;
- (b)     Its execution, delivery, and performance of this Agreement have been duly authorized by, or are in accordance with, as to Ameresco, its organic instruments and, as to CUSTOMER, by all requisite action and are not in breach of any applicable law, code or regulation; this Agreement has been duly executed and delivered by the signatories so authorized, and constitutes each Party's legal, valid and binding obligation;

- (c) Its execution, delivery, and performance of this Agreement shall not result in a breach or violation of, or constitute a material default under, any agreement, lease or instrument to which it is a party or by which it or its Properties may be bound or affected; and
- (d) It has not received any notice, nor to the best of its knowledge is there pending or threatened any notice of any violation of any applicable laws, ordinances, regulations, rules, decrees, awards, permits or orders which would materially adversely affect its ability to perform hereunder;
- (e) The persons executing this Agreement are fully authorized by law to do so; and
- (f) In addition, CUSTOMER warrants and represents to Ameresco that CUSTOMER has obtained or shall obtain all necessary governmental, legal, administrative and any other approval necessary for it to enter into this Agreement.

**SECTION 26 Independent Contractor**

Nothing in this Agreement shall be construed as reserving to CUSTOMER any right to exercise any control over or to direct in any respect the conduct or management of business or operations of Ameresco. The entire control or direction of such business and operations shall be in and shall remain in Ameresco, subject only to Ameresco's performance of its obligations under this Agreement. Neither Ameresco nor any person performing any duties or engaged in any work on the Property on behalf of Ameresco shall be deemed an employee or agent of CUSTOMER.

Nothing in this Section shall be deemed to be a waiver of CUSTOMER's right to use its Property. CUSTOMER and Ameresco are independent of one another and shall have no other relationship relating to or arising out of this Agreement. Neither Party shall have or hold itself out as having the right or authority to bind or create liability for the other by its intentional or negligent act or omission, or to make any contract or otherwise assume any obligation or responsibility in the name of or on behalf of the other Party.

**SECTION 27 Additional Representations and Warranties of Customer**

CUSTOMER hereby warrants and represents to Ameresco that:

- (a) CUSTOMER intends to continue to use the Property in a manner reasonably similar to its present use;
- (b) CUSTOMER does not contemplate any changes to the electrical and thermal consumption characteristics of the Property except as may have been disclosed to Ameresco by CUSTOMER in writing prior to the execution of this Agreement;
- (c) CUSTOMER has provided Ameresco with all records heretofore requested by Ameresco; and
- (d) CUSTOMER has not entered into any other agreements or understandings for the Property with persons or entities other than Ameresco regarding the provision of the Scope of Services.

**SECTION 28 Negligent/Wrongful Acts**

To the extent allowed by law, it is understood and agreed that neither Party to this Agreement shall be liable for any negligent or wrongful acts, either of commission or omission, chargeable to the other, unless such liability is imposed by law, and that this Agreement shall not be construed as seeking to either enlarge or diminish any obligation or duty owed by one Party against the other or against third parties.

**SECTION 29 Further Documents and Events**

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, in that regard, it being understood and agreed that Ameresco covenants and agrees to execute or procure the execution of all documents reasonably required to release any lien held by Ameresco or its assignees upon the termination of this Agreement and payment of all amounts required to be paid by CUSTOMER to Ameresco, pursuant to this Agreement. CUSTOMER agrees Confidential & Proprietary Information of Ameresco, Inc.

to execute all documents that may be reasonably required by an entity that provides funds for any financing contemplated herein and to cooperate with Ameresco in obtaining such funds.

It being further understood that CUSTOMER also agrees to execute all documents which may be reasonably required for Ameresco to obtain all licenses, permits and governmental approvals required by Ameresco for installation and operation of the ECM(s). Ameresco's obligations hereunder are also subject to obtaining all such licenses, permits and governmental approvals as are required to perform its obligations under this Agreement. Customer agrees that Ameresco shall have the right to all environmental, energy, tax, financial, and electrical-related attributes, rights, credits, deductions, benefits and characteristics associated with or arising out of the transactions contemplated by this Agreement or associated with the ECMs or with the energy, capacity or other electrical savings created under this Agreement, howsoever created or recognized in the United States, any political subdivision thereof or any foreign jurisdiction (other than dollar savings realized by Customer from reductions in Customer's energy use or other operating costs). Customer shall provide Ameresco all reasonable assistance in perfecting its rights to such attributes, rights, credits, benefits and characteristics. Ameresco's obligations hereunder are subject to obtaining all such required licenses, permits and governmental approvals.

Ameresco shall require that its contractors and subcontractors in connection with this Project pay the rate of wages for workmen required for any work or construction to comply with the Department of Labor for the state of Illinois.

**SECTION 30                    Third Party Beneficiaries**

Except as may be specifically provided for in this Agreement, the Parties hereto do not intend to create any rights for, or grant any remedies to, any third party beneficiary of this Agreement.

**SECTION 31                    Notifications of Governmental Action - Occupational Safety and Health**

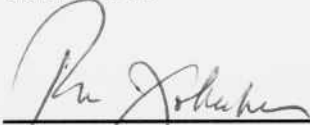
The Parties agree to notify each other as promptly as is reasonably possible upon becoming aware of an inspection under, or any alleged violation of, the Occupational Safety and Health Act or any other provision of federal, state or local law, relating in any way to the undertakings of either Party under this Agreement.

**SECTION 32                    References**


Unless otherwise stated, all references to a particular Attachment or to Attachments herein are to the referenced Attachment or Attachments which are attached to this Agreement and all such referenced Attachments are incorporated by reference within this Agreement. All references herein to a Section shall refer to a Section of this Agreement unless this Agreement specifically provides otherwise.

**IN WITNESS WHEREOF**, the duly authorized officers or representatives of the Parties have set their hand on the date first written above with the intent to be legally bound.

**CUSTOMER**

  
\_\_\_\_\_  
Authorized Signature  
Name: Rick Johnston  
Title: Superintendent

**AMERESCO, INC.**

  
\_\_\_\_\_  
Authorized Signature  
Name: Louis P. Maltezos  
Title: Executive Vice President & General  
Manager – Central Region

**ATTACHMENT A  
PROPERTY DESCRIPTION**

The following buildings, facilities, and areas, which are owned and operated by CUSTOMER, are included in the Scope of Services set forth in Attachment B:

**Mahomet-Seymour High School  
302 W. State Street  
Mahomet, IL 61853**

**Mahomet-Seymour Junior High School  
201 W. State Street  
Mahomet, IL 61853**

**Lincoln Trail Elementary School  
102 E. State Street  
Mahomet, IL 61853**

**Sangamon Elementary School  
601 E. Main Street  
Mahomet, IL 61853**

## **ATTACHMENT B SCOPE OF SERVICES**

This Attachment sets forth a description of existing equipment and the ECM(s) and related equipment to be installed by Ameresco at the buildings set forth in Attachment A within the Property. The Scope of Services defined herein is predicated on the terms and conditions of the Agreement and the following:

### General Scope & Lighting Clarifications:

- Installation of the ECM(s) and the included equipment is subject to change if Ameresco discovers unforeseen conditions at the Property that render its preliminary analysis of the Property inaccurate, or significantly affect Ameresco's anticipated economic benefit or Annual Guaranteed Savings. Any changes to the installation of the ECM(s) and the included equipment are subject to approval of CUSTOMER, which approval shall not be unreasonably withheld, conditioned or delayed.
- With the exception of lamps and ballasts (PCB containing) removed as part of this project - handling or abatement of any hazardous materials, including asbestos containing material, is excluded from the Scope of Services.
- The scope of work and associated costs are based on materials / equipment and sub-contractors as noted (or submitted) to the District. Changes to these items may affect pricing of the scope of work to the District.
- The Contract Cost set forth in the Agreement is based on 100% availability of rooms / areas / systems to perform noted work scope.
- The lighting scope includes only the locations and fixtures noted on associated schedule and drawings (as applicable). Not all spaces are being addressed as part of the lighting scope.
- The scope includes retrofit / replacement of the noted lighting fixtures only and does not address or include any fix-up / upgrade / replacement of existing wiring, switching, conduits, hangers, etc. Ameresco is not responsible for any pre-existing electrical code violations or electrical system deficiencies. If items are found to be in need of repair or replacement – this is not included in the scope of work and associated costing.
- It is assumed that all emergency lighting is on generator or independent battery control. Replacements of emergency ballasts are not included in the project.
- Except as noted - replacement or repair of fixture lenses or louvers are not included, fixture lenses will be wiped with a dry cloth.
- Ameresco is not responsible for fixtures that are found to be damaged prior to commencement of its Scope of Work.

### **ECM 1: Upgrade Lighting**

The lighting system improvements include retrofit or replacement of existing fixtures as noted. The exact quantities, location and description of retrofit and replacements are as noted in Lighting Upgrade Schedule 1.0 included herein.

All manufacturer's warranties (and related information) will be transferred to Mahomet-Seymour CUSD #3 at project close-out.

Ameresco will remove and lawfully recycle / dispose of existing HID lamps and PCB ballasts. All ballasts that are determined to be non-PCB shall be disposed of with non-hazardous waste. Noted items will be carefully recycled and disposed of through a licensed recycling firm in accordance with all state and federal guidelines. Warranty certificates verifying the proper disposal and recycling of PCB containing materials will be provided by the vendor.

Note: The scope of work excludes the abatement of any hazardous materials or Asbestos Containing Material (ACM).



### **Lighting Scope Summary Overview:**

See attached lighting audit with details the scope of work (included in Attachment G). The lighting scope includes retrofit as well as replacement of lighting fixtures. Some lighting fixtures will not be retrofitted or replaced. Occupancy sensors will also be installed in designated rooms.

### **Standards of Comfort:**

The standards of comfort set forth below were used in calculating energy savings projected from implementation of the scope of work.

#### Operating Schedule:

- For the lighting savings, specific hours are as noted in the calculations.

#### Occupied temperature setpoints:

- N/A for lighting work scope

#### Un-Occupied temperature setpoints:

- N/A for lighting work scope

**ATTACHMENT C  
GUARANTEE OF SAVINGS**

**PERFORMANCE GUARANTEE**

The "Annual Guaranteed Savings Amount" is: Fifty Six Thousand Nine Hundred Sixty One 00/100 Dollars (\$56,961).

The Annual Guaranteed Savings Amount is made up of three (3) savings components:

Annual Energy Savings	\$56,961.00
Repair & Maintenance Savings	\$0.00
Long Term Operating Cost Savings	<u>\$0.00</u>
<b>Annual Guaranteed Savings Amount</b>	<b>\$56,961.00</b>

Ameresco, guarantees the total Annual Guaranteed Savings Amount, but does not guarantee the savings amount achieved by each individual savings measure.

**TERMS OF GUARANTEE**

Subject to the terms and conditions set forth in this Agreement, Ameresco guarantees that the performance of the ECM(s) shall result in the Annual Guaranteed Savings Amount set forth above for each Guarantee Year during the Guarantee Period. The first Guarantee Year shall begin with the first day of the month after the month in which the Customer signs a final Delivery and Acceptance Certificate. Each Guarantee Year shall be twelve (12) months. The Guarantee Period shall be ten (10) years unless terminated earlier as provided in the Agreement.

**REVIEW OF GUARANTEED SAVINGS CALCULATIONS**

CUSTOMER has reviewed the Annual Guaranteed Savings Amount calculations and methodologies in Appendix G and finds that the calculations and assumptions used for calculation of the Annual Guaranteed Savings Amount should result in achievement of the Annual Guaranteed Savings Amount.

**SAVINGS AUDIT PROCEDURE**

A measurement and verification plan and a Delivery and Acceptance Certificate are set forth in Attachment D. The total savings achieved by the combined individual savings measures, including any "Stipulated Savings" as set forth in Attachment D, shall be deemed the total "Actual Savings". The Annual Guaranteed Savings Amount shall be deemed achieved when the Delivery and Acceptance Certificate is executed by CUSTOMER.

**RECONCILIATION**

Measurements shall be completed and Actual Savings determined as described in Attachment D, the Delivery and Acceptance Certificate, upon completion of installation of the ECM(s). If the Annual Guaranteed Savings Amount is not achieved at the end of the first guarantee year, Ameresco shall pay CUSTOMER the amount by which the Annual Guaranteed Savings Amount exceeds the Actual Savings and may, at Ameresco's sole expense and discretion, including the cost of any required energy auditing, elect one of the following alternatives:

- (a) Install additional ECM(s), or modifications that are mutually agreed to by CUSTOMER in order to achieve the Annual Guaranteed Savings Amount, or
- (b) Pay CUSTOMER the amount by which the Annual Guaranteed Savings Amount exceeds the Actual Savings at the end of each Guarantee Year.

Stipulated Savings shall not be measured or audited. These savings have been negotiated and agreed upon by Ameresco and CUSTOMER and are stipulated as set forth in Attachment D, Delivery and

Acceptance Certificate. Ameresco and CUSTOMER agree that the Stipulated Savings are deemed satisfied for the Term of this Agreement, upon installation of the ECM(s).

**ATTACHMENT D  
DELIVERY AND ACCEPTANCE CERTIFICATE**

This Attachment summarizes the results of the Measurement and Verification process for Projects implemented by Ameresco for CUSTOMER. The Annual Guaranteed Savings Amount is:

Annual Energy Savings	\$ 56,961.00
Annual Operational Savings	\$ 0.00
Long-Term Operations Savings	\$ 0.00
Annual Guaranteed Savings Amount	\$ 56,961.00

**ENERGY SAVINGS**

Table 1 below summarizes the baseline utility rates. Table 2 summarizes the verification procedure for each type of energy savings measure. CUSTOMER acknowledges to the best of its knowledge and belief that the utility rates set forth in Table 1 are correct. Throughout the Term of the Guarantee Period either the utility rates in Table 1 or the actual utility rates, whichever is greater, shall be used in determining savings.

Note: Ameresco guarantees the energy units saved (kWh, therms, gallons, etc.) and not the dollar value associated with these savings as the customer's utility rates may change over time depending on purchasing ability, future contracts, etc. The utility rates noted in the table below are used to calculate the energy cost savings (\$) associated with the energy units saved for the purpose of this ESA and associated cash flow.

Note: Ameresco guarantees the total energy savings for all ECM implemented as part of this ESA – not each individual savings per ECM.

**Table 1  
Utility Rates**

<u>Facility</u>	<u>Electric Rate</u>	<u>Natural Gas Rate</u>
Mahomet-Seymour CUSD #3 (All Listed Facilities)	\$0.0845 / kWh	N/A

The method of verification of savings varies for each energy savings measure implemented. Table 2 summarizes the verification procedure for each type of energy savings measure. The verification procedures in Table 2 shall be used to determine Actual Savings associated with the project throughout the Guarantee Period.

Table 2

<u>Savings Category</u>	<u>Verification Method</u>
ECM - 1: Upgrade Lighting	<p>1. <b>What will be measured:</b> Fixture wattages, on a sample of fixtures consisting of either single fixtures or a circuit of fixtures, shall be measured on fixtures with a population of 50 or more.</p> <p>2. <b>Sample size to be measured:</b> Measurements shall be taken of a representative sample, the size of which shall not exceed 5% of the population, for unique retrofit types which have a total population of 50 or more. For retrofits with less than this population the manufacturer's published wattages for each fixture type as referenced in the energy calculation section of the contract shall be used.</p> <p>3. <b>How will measurements be made:</b> Power (watt) measurements will be performed with a handheld true-RMS meter. The meter will be required to have a Certificate of Calibration (per NIST standards) within the past 12 months of performing the measurements. Where applicable, the measurements will be performed at a wall switch. If it is not possible to isolate the fixtures on one switch then measurements will be performed at the individual fixture.</p> <p>4. <b>How will the measurements be used to determine actual savings:</b> The pre and post field measurements (watts) will be used to confirm the values in the spreadsheet calculations and verify that the potential to perform exists.</p> <p>5. <b>How often will measurements be performed:</b> Pre-retrofit power measurements will be taken once immediately before work begins. After installation, the post-retrofit power measurements will be taken once to determine actual savings for the first year.</p> <p>6. <b>Stipulated values used:</b> Burn hours of the fixtures are stipulated as presented in the lighting calculation spreadsheets included in the savings calculation section of the contract. These values were determined through discussions with the Customer and are agreed to by all parties.</p> <p><b>Summary:</b> Wattages, determined as previously described, operating hours, as set forth in in the energy calculation section and the savings calculations, as set forth in the energy calculation section, shall be used to determine savings for the entire guarantee period.</p> <p>Note: Savings are accepted based on calculations and assumptions summarized in Attachment G.</p>
Repair & Maintenance Savings	N/A
Long Term Operational Savings	N/A

**Note:** The savings calculations for all ECMs are included in the contract in Attachment G and are stipulated. Only the parameters specified in the M&V plan outlined above are measured.



Owner Role and Responsibilities – All ECM's:

- **Operations:** Customer shall operate the equipment installed hereunder in accordance with the manufacturers' recommendations and any supplemental procedures supplied to Customer by Ameresco. The recommended maintenance procedures and operating parameters will be supplied to the Customer as part of the close-out documentation. This includes heating hot water supply temperatures, hot water supply reset schedule (based on outside air temperature), domestic hot water supply temperatures, etc.
- **Maintenance:** Customer shall, at its expense, repair, operate, and maintain the Property in good working order during the Term. Following the date of Substantial Completion of an ECM, Customer shall, at its expense, repair and maintain (i) the equipment and all other components which comprise the ECM and (ii) all other equipment which is attached thereto and/or is integral to the proper functioning of the ECM. Maintenance also refers to performing required maintenance of ancillary systems such as (but not limited to) building heating loops, flushing / cleaning of building primary and secondary heating loops, cleaning of traps / strainers / filters, etc. The Customer is responsible for maintaining the proper chemical treatment (including pH level) of the systems.
- **Malfunctions:** Customer shall notify Ameresco immediately in the event of any malfunction in the operation of the ECMs or the equipment installed hereunder.
- **Protection of ECM:** Except in the case of emergency, Customer shall not remove, move, alter, turn off, or otherwise significantly affect the operation of the equipment installed hereunder or the operation of the ECMs, or any individual part thereof, without the prior written approval of Ameresco, which approval shall not be unreasonably withheld. After receiving Ameresco's written approval, Customer shall proceed as instructed. Customer shall act reasonably to protect the ECMs from damage or injury, if, due to an emergency, it is not reasonable to notify Ameresco before acting. Customer agrees to protect and preserve the facility envelope and the operating condition of all ECMs, mechanical systems, and other energy consuming systems located on the Property.
- **Adjustment to Baseline:** If, in the reasonable opinion of Ameresco, Customer does not reasonably operate, maintain, repair or otherwise protect the ECMs and/or maintain the Property in good repair and good working condition, then Ameresco may submit to the Customer for an adjustment to the baseline for any increased energy usages at the Property. Approval of said adjustments shall not be unreasonably withheld by the Customer.
- **Protection:** Customer shall, at all times, act reasonably to protect the ECMs from damage, theft or injury to the same extent and in the same manner in which it protects its other property.
- **Alteration:** Customer shall not move, alter or change the ECMs in any way that causes a reduction in the level of efficiency or savings generated by any ECM or the equipment installed hereunder without obtaining Ameresco's prior written approval which shall not be unreasonably withheld.

Stipulated Savings

The Annual Energy Savings identified in the table below are Stipulated Savings documented by the calculations and methodologies described in Attachment G. CUSTOMER agrees that "Stipulated Savings" are savings that are deemed satisfied upon installation of the related ECMs and execution of the Delivery and Acceptance Certificate, and the Stipulated Savings shall not be measured or audited.

**Table 3: Stipulated Savings**

<b>Description</b>	<b>Stipulated Savings</b>
ECM 1 Lighting Retrofit	\$56,961
<b>Total Annual Energy Savings</b>	<b>\$56,961</b>

**Calculation of Annual Energy Savings Deviation**

Item D-1

**(D-1) Total Guaranteed Energy Savings \$ 56,961.00** \_\_\_\_\_

Item D-2

**(D-2) Total Measured Energy Savings \$** \_\_\_\_\_

Item D-3

**(D-3) Total Stipulated Energy Savings \$ 56,961.00** \_\_\_\_\_

Item D-4 (D-4 = D-2 plus D-3)

**(D-4) Total Actual Energy Savings \$** \_\_\_\_\_

Item D-5 (D-5 = D-4 minus D-1)

**(D-5) Savings Deviation \$** \_\_\_\_\_

If the Savings Deviation (Item D-5) is greater than or equal to zero, the Annual Guaranteed Savings Amount shall be deemed satisfied for the Term of the Agreement. If the Savings Deviation (Item D-5) is negative it shall be deemed the annual shortfall. The annual shortfall for the first year shall be considered the annual shortfall for the following years until completion of the Scope of Services. Ameresco shall pay CUSTOMER the Savings Deviation (Item D-5 in Exhibit D) amount each year until the Guarantee Period is complete, or shall install additional ECM(s), or make other changes agreed to by CUSTOMER, at Ameresco's cost, in order to achieve the Annual Guaranteed Savings as set forth in the Agreement, but if the parties are unable to come to a mutual agreement on the installation of additional ECMs, then Ameresco shall pay the Savings Deviation

**Date completed** \_\_\_\_\_

### **Repair & Maintenance Savings**

This is N/A for the lighting scope items on the project per discussions with the District. Long Term Operational Cost Savings were identified by Ameresco for the noted work scope items.

### **Long Term Operating Cost Savings**

This is N/A for the lighting scope items on the project per discussions with the District. Long Term Operational Cost Savings were identified by Ameresco for the noted work scope items.

**PROJECT COMPLETION LOG**

**Table AC-1**

Sub-Project Tasks	Completion Date
ECM 1 Lighting Upgrade –	

**Notes (special instructions etc.):**

**Items furnished to CUSTOMER upon accepting this Delivery and Acceptance Certificate:**

- Receipt of owner's manuals; \_\_\_\_\_ sets.
- Receipt of instruction and training; \_\_\_\_\_
- Completion of inspection and walk-through.
- Receipt of warranty information.

The aforementioned Project is hereby completed to the standards set forth in the Agreement denoted above and to the satisfaction of CUSTOMER.

CUSTOMER	By:	Title:	Date:
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CUSTOMER accepts the pre- and post-construction savings measurements as set forth in the Delivery and Acceptance Certificate and agrees that all Guaranteed Savings have been satisfied and that the Work identified in Table AC-1 is complete.

CUSTOMER assumes possession thereof on \_\_\_\_\_.

CUSTOMER	By:	Title:	Date:
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Note: The Ameresco Project Manager may modify this project completion log to allow for the sign-off and turn-over of individual ECM work scope items as they are completed rather than waiting until entire project is 100% complete.

**ATTACHMENT D (1)**  
**PERCENT COMPLETE ACKNOWLEDGEMENT CERTIFICATE**

Customer hereby acknowledges receipt of a portion of the Energy Conservation Measure (the "ECM") described in Attachment B to the Energy Services Agreement (the "Agreement") as amended within the Notice to Proceed between Customer and Ameresco as \_\_\_\_\_ percent complete substantiated by sufficient detail provided by Ameresco. Customer agrees to make payment to Ameresco as set forth in Section 4 of the Agreement.

Date Accepted by Customer: \_\_\_\_\_

Accepted for:                   **CUSTOMER**

Accepted by:

Name: \_\_\_\_\_

Title: \_\_\_\_\_

**ACKNOWLEDGMENT OF AMERESCO**

Ameresco hereby acknowledges that the total amount due based upon percent complete for the ECM's described in Attachment B, and the Notice to Proceed, hereto is \$\_\_\_\_\_.

Date Accepted by Ameresco:

Accepted for:                   **AMERESCO, INC.**

Accepted by:

Name: \_\_\_\_\_

Title: \_\_\_\_\_



ATTACHMENT E  
NOTICE TO PROCEED

Date: January 11, 2013

Mr. Louis P. Maltezos  
Executive Vice President and General Manager – Central Region  
Ameresco, Inc.  
150 N. Michigan Avenue, Suite 2040  
Chicago, IL 60601

SUBJECT: NOTICE TO PROCEED

Dear Mr. Maltezos:

In accordance with the terms of our Energy Services Agreement dated January 11<sup>th</sup> @, 2013, Mahomet-Seymour CUSD #3 hereby issues this **Notice to Proceed** to Ameresco in relation to the Scope of Services set forth in such Agreement.

Sincerely,

Mahomet-Seymour CUSD #3  
101 North Division Street  
Mahomet, IL 61853

  
\_\_\_\_\_  
Signature

Rick Johnston  
\_\_\_\_\_  
Print Name

Superintendent  
\_\_\_\_\_  
Title

**ATTACHMENT F  
CHANGE ORDER**

(Agreement for change in Scope of Services and/or Agreement)

Change Request No. \_\_\_\_\_

CUSTOMER:

Department: \_\_\_\_\_

Project No. \_\_\_\_\_ Contract No. \_\_\_\_\_ Site: \_\_\_\_\_

Title: \_\_\_\_\_

**I. REQUEST**

Date: \_\_\_\_\_

(a) Requested by \_\_\_\_\_ Of \_\_\_\_\_

(b) Description of change \_\_\_\_\_

**II. AMERESCO's AGREEMENT**

For all costs involved in this change including extensions of time herein requested, Ameresco proposes to perform the work described in accordance with the provisions of the Agreement for the price as follows.

**Payment shall be made on the basis of:**

(a) Predetermined lump sum total of (add) (deduct) \$

(b) Lump sum "not-to-exceed" (add) (deduct) \$

(Max. price based on contract or negotiated unit prices)

NOTE: ONLY IF RATE TABLE INCLUDED: ( ) (c) Time & Material Basis \$

"not-to-exceed" (add) (deduct) \$

(Computed in accordance with provisions of the Contract)

Place an "X" beside selected proposal method and strike out either (add) or (deduct) whichever does not apply. If necessary, attach detailed estimates and breakdown for above in accordance with change order instruction. A claim for work performed under protest may be submitted per (c) above.

An extension of contract time of \_\_\_\_\_ calendar days to \_\_\_\_ / \_\_\_\_ / \_\_\_\_ is requested.

**AMERESCO, INC.**

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**CUSTOMER APPROVAL:**

CUSTOMER

\_\_\_\_\_  
By: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

Contract Award	\$
Previous Additions	\$
Previous Deductions	\$
Net Total	\$
This Change	\$
Total	\$

**ATTACHMENT G  
METHODOLOGY OF CALCULATING SAVINGS**

***Annual Savings = Energy Savings + Operational Savings***

***Operational Savings = Operational & Maintenance Savings (O&M) +  
Capital Cost Avoidance***

Where:

**Annual Savings:** The total annual savings associated with implementation of this project. This is the savings figure that will be used for comparison to the Guaranteed Savings as part of the Annual Reconciliation.

**Energy Savings:** The total annual savings associated with reduction in energy and utility consumption as a result of implementation of this project.

**Operational and Maintenance Savings (O&M):** The total annual savings associated with reduction in operations, maintenance and repair related expenses as a result of implementation of this project.

**Capital Cost Avoidance:** The total annual long term operational savings resulting from future capital replacement expenditures that are being offset by CUSTOMER as a result of implementation of this project.

Measurement and Verification (M&V) involves two components: (1) verifying the ability of the project to generate all the projected savings; and (2) measuring actual performance of the project against the established baseline(s). These baselines are developed from a rigorously derived end-use analysis and historical energy consumption data.

There are a variety of ways to accomplish the two primary M&V tasks, but a critical prerequisite is the establishment of the aforementioned baseline(s). Techniques range from stipulating all factors affecting energy conservation measure (ECM) performance to installing extensive, highly accurate metering systems. When deciding the appropriate level of sophistication for a particular plan, factors such as complexity of the measure, expected magnitude of savings from the measure, and the customer's aversion to risk all weigh upon the decision. In an effort to aid agencies in gaining an understanding of measurement and verification, an international guideline was established.

Ameresco bases all of its site-specific measurement and verification plans on the International Performance Measurement and Verification Protocol (IPMVP). The general approach to determining energy savings in these plans involves comparing the energy use associated with a facility, or certain energy consuming systems within a facility, before installation of the ECM (baseline) and after installation of the ECM (post-installation). In general:

$$\text{Energy Savings} = (\text{Baseline Energy Use}) - (\text{Post Installation Energy Use}) \pm \text{Adjustments}$$

**Energy Cost Savings**

The Annual Energy Savings are calculated using standard computerized energy savings auditing procedures, which compare the CUSTOMER's energy consumption before project implementation takes place with that of the consumption after the project is complete. Note: Ameresco utilized conservative values with respect to energy calculations. Note that for some ECM's, Ameresco may use a value that is less than the value predicted by the models.

Note: Ameresco guarantees the energy units saved (kWh, therms, gallons, etc.) and not the dollar value associated with these savings as the customer's utility rates may change over time depending on purchasing

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ability, future contracts, etc. The utility rates notes in the table below are used to calculate the energy cost savings (\$) associated with the energy units saved for the purpose of this ESA and associated cash flow.

Note: Ameresco guarantees the total energy savings for all ECM implemented as part of this ESA – not each individual savings per ECM.

### Lighting

$$Baseline = \sum_{\text{fixture}} (kW_{\text{Base}} \times Hrs_{\text{Base}} \times \$/kWh)$$
$$PostInstallation = \sum_{\text{fixture}} (kW_{\text{retro}} \times Hrs_{\text{retro}} \times \$/kWh)$$

Where:

- $kW_{\text{Base}}$  - Base fixture kW, as per lighting audit calculation
- $kW_{\text{retro}}$  - Retrofit fixture kW, as per lighting audit calculation
- $Hrs_{\text{Base}}$  - Base fixture operating hours, as per lighting audit calculation
- $Hrs_{\text{retro}}$  - Retrofit fixture-operating hours (usually these will equal base hours), as per lighting audit calculation
- $\$/kWh$  - Unit cost of electrical energy

Maintenance savings were calculated based on the quantity of new lighting equipment to be installed through this project. Based on average equipment lifetime, annual operating hours, and average replacement costs, the annual maintenance savings was identified.

See following pages for complete table of lighting retrofit details including pre / post fixture wattages.

Lighting retrofit energy and O&M savings calculations summary:

### Lighting Upgrade Schedule 1.0

Room Type	Hours of Operation per Year
Classrooms, Labs, Offices, Conference	2200
Storage Areas, Mechanical, Electrical	1260
Corridors, Restrooms, Lounges, Gyms, MPRs	3640
Exit Signs & Night Lights	8760

Occupancy Sensing Rooms	% Time On Reduction
Classrooms, Offices	33%
Storage Areas, Lockers	67%
Lounges, Small Hallways, Conference, Restroom	60%

**Proposal: Ameresco - Mahomet Seymour CUSD #3**

Location	Existing Fixtures	Qty	Watts	Exist Op Hrs	Proposed Fixtures	Qty	Watts	New Control	Prop Op Hrs	Watts Saved	Yr kWh Savings	Yearly \$ Savings
High School- 001 care center lobby	Fluor Fixture 4' 2L F40T12ES Mag	17	82	3640	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	17	38		3640	748	2,722.72	\$230.87
High School- 002 care center quiet room	Fluor Fixture 4' 2L F40T12ES Mag	5	82	3640	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	5	38		3640	220	800.80	\$67.67
High School- 003 care center study	Fluor Fixture 4' 2L F40T12ES Mag	9	82	2200	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	9	38		2200	366	871.20	\$73.62
High School- 003b care center restroom	Fluor Fixture 4' 2L F40T12ES Mag	4	82	3640	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	4	38	Cell Wireless (1 Sw)	1820	176	917.28	\$77.51
High School- 004 care center computer	Fluor Fixture 4' 2L F40T12ES Mag	10	82	2200	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	10	38		2200	440	988.00	\$81.80
High School- 005 care center conference	Fluor Fixture 4' 2L F40T12ES Mag	2	82	2200	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	2	38		2200	88	193.60	\$16.36
High School- 007 care center office	Fluor Fixture 4' 2L F40T12ES Mag	2	82	2200	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	2	38		2200	88	193.60	\$16.36
High School- 007b care center office	Fluor Fixture 4' 2L F40T12ES Mag	2	82	2200	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	2	38		2200	88	193.60	\$16.36
High School- 009 care center weight	Fluor Fixture 4' 2L F40T12ES Mag	16	82	3640	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	16	38		3640	704	2,582.56	\$216.54
High School- 010 care center RBC	HID Fixture 400W Metal Halide	6	458	2200	HID Fixture 330W All Start Metal Halide	6	368		2200	420	924.00	\$78.08
High School- 011 care center RBC	HID Fixture 400W Metal Halide	6	458	2200	HID Fixture 330W All Start Metal Halide	6	368		2200	420	924.00	\$78.08
High School- 012 care center garage	Fluor Fixture 4' 2L F40T12ES Mag	9	82	2200	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	9	38		2200	396	871.20	\$73.62
High School- 012b care center concession	Fluor Fixture 4' 2L F40T12ES Mag	5	82	2200	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	5	38		2200	220	484.00	\$40.90
High School- 013 care center fitness	Fluor Fixture 4' 2L F40T12ES Mag	8	82	3640	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	8	38	Cell Wireless (1 Sw)	1820	362	1,834.56	\$155.02
High School- 013b care center restroom	Fluor Fixture 4' 2L F40T12ES Mag	4	82	3640	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	4	38	Cell Wireless (1 Sw)	1820	176	917.28	\$77.51
High School- A01 corridor	Fluor Fixture 2' 2L F40T12ESU Mag	6	82	3640	Retro 2' 2L F1778 Elec(IOP) Refl K12 2X2	6	31		3640	417	3,117.40	\$263.42
High School- A09 classroom	Fluor Fixture 4' 4L F40T12ES Mag	13	164	2200	Retro 4' 2L F32T8 Elec(IOP) Refl 2X4	13	55		2200	390	868.00	\$72.50
High School- A09 classroom	Incandescent 150W PAR	3	150	2200	LED PAR38 20W	3	20		2200	981	2,158.20	\$182.37
High School- A10 classroom	Fluor Fixture 4' 4L F40T12ES Mag	9	164	2200	Retro 4' 2L F32T8 Elec(IOP) Refl 2X4	9	55		2200	981	2,158.20	\$182.37
High School- A11 classroom	Fluor Fixture 4' 4L F40T12ES Mag	9	164	2200	Retro 4' 2L F32T8 Elec(IOP) Refl 2X4	9	55		2200	981	2,158.20	\$182.37
High School- A12 classroom	Fluor Fixture 4' 4L F40T12ES Mag	13	164	2200	Retro 4' 2L F32T8 Elec(IOP) Refl 2X4	13	55		2200	1417	3,117.40	\$263.42
High School- A13 classroom	Fluor Fixture 4' 4L F40T12ES Mag	10	164	2200	Retro 4' 2L F32T8 Elec(IOP) Refl 2X4	10	55		2200	1090	2,946.00	\$250.63
High School- A14 classroom	Fluor Fixture 4' 4L F40T12ES Mag	1	164	2200	Retro 4' 2L F32T8 Elec(IOP) Refl 2X4	1	55		2200	109	239.60	\$20.26
High School- A14a office	Fluor Fixture 4' 2L F40T12ES Mag	5	82	3640	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	5	38		3640	220	800.80	\$67.67
High School- A15 stairwell	Fluor Fixture 4' 2L F40T12ES Mag	3	82	3640	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	3	38		3640	132	480.48	\$40.50
High School- A16 office	Fluor Fixture 4' 4L F40T12ES Mag	2	164	2200	Retro 4' 2L F32T8 Elec(IOP) Refl 2X4	2	55		2200	218	479.80	\$40.53
High School- A17 classroom	Fluor Fixture 4' 4L F40T12ES Mag	9	164	2200	Retro 4' 2L F32T8 Elec(IOP) Refl 2X4	9	55		2200	981	2,158.20	\$182.37
High School- A18 classroom	Fluor Fixture 4' 4L F40T12ES Mag	9	164	2200	Retro 4' 2L F32T8 Elec(IOP) Refl 2X4	9	55		2200	981	2,158.20	\$182.37
High School- A19 AV room	Fluor Fixture 4' 4L F40T12ES Mag	3	164	2200	Retro 4' 2L F32T8 Elec(IOP) Refl 2X4	3	55		2200	327	719.40	\$60.79
High School- A20 corridor	Fluor Fixture 2' 2L F40T12ESU Mag	8	82	3640	Retro 2' 2L F1778 Elec(IOP) Refl K12 2X2	8	31		3640	408	1,485.12	\$125.49
High School- A21 storage	Fluor Fixture 4' 4L F40T12ES Mag	4	164	1260	Retro 4' 2L F32T8 Elec-LW(IOP) Refl 2X4	4	48		1260	464	534.64	\$45.42
High School- A28 work rm	Fluor Fixture 4' 4L F40T12ES Mag	1	82	3640	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	1	38		3640	44	160.16	\$13.53
High School- A28 storage	Fluor Fixture 4' 4L F40T12ES Mag	5	164	1260	Retro 4' 2L F32T8 Elec-LW(IOP) Refl 2X4	5	110		1260	276	340.20	\$28.78
High School- A31 library office	Fluor Fixture 2' 2L F40T12ESU Mag	4	82	3640	Retro 2' 2L F1778 Elec(IOP) Refl K12 2X2	4	31		3640	204	742.56	\$62.70
High School- A32 corridor	Fluor Fixture 2' 2L F40T12ESU Mag	9	82	3640	Retro 2' 2L F1778 Elec(IOP) Refl K12 2X2	9	31		3640	408	1,485.12	\$125.49
High School- B01 (L1) corridor	Fluor Fixture 2' 2L F40T12ESU Mag	30	82	3640	Retro 2' 2L F1778 Elec(IOP) Refl K12 2X2	30	31		3640	1630	5,889.20	\$476.40
High School- B12 classroom	Fluor Fixture 4' 4L F40T12ES Mag	9	164	2200	Retro 4' 2L F32T8 Elec(IOP) Refl 2X4	9	55		2200	981	2,158.20	\$182.37
High School- B13 classroom	Fluor Fixture 4' 4L F40T12ES Mag	9	164	2200	Retro 4' 2L F32T8 Elec(IOP) Refl 2X4	9	55		2200	981	2,158.20	\$182.37
High School- B14 classroom	Fluor Fixture 4' 4L F40T12ES Mag	9	164	2200	Retro 4' 2L F32T8 Elec(IOP) Refl 2X4	9	55		2200	981	2,158.20	\$182.37
High School- B15 classroom	Fluor Fixture 4' 4L F40T12ES Mag	9	164	2200	Retro 4' 2L F32T8 Elec(IOP) Refl 2X4	9	55		2200	981	2,158.20	\$182.37
High School- B16 classroom	Fluor Fixture 4' 4L F40T12ES Mag	12	164	2200	Retro 4' 2L F32T8 Elec(IOP) Refl 2X4	12	55		2200	1308	2,877.60	\$243.18
High School- B17 classroom	Fluor Fixture 2' 2L F40T12ESU Mag	1	82	2200	Retro 2' 2L F1778 Elec(IOP) Refl K12 2X2	1	31		2200	51	112.20	\$9.48
High School- B17 classroom	Fluor Fixture 4' 4L F40T12ES Mag	11	164	2200	Retro 4' 2L F32T8 Elec(IOP) Refl 2X4	11	55		2200	1199	2,637.80	\$222.89



### Lighting Upgrade Schedule 1.0

Room Type	Hours of Operation per Year
Classrooms, Labs, Offices, Conference	2200
Storage Areas, Mechanical, Electrical	1260
Commons, Restrooms, Lounges, Gyms, MP/Rs	3640
Ext Signs & Night Lights	6750

Occupancy Sensing Rooms	% Time On Reduction
Classrooms, Offices	33%
Storage Areas, Lockers	67%
Lounges, Small Hallways, Conference, Restroom	50%

**Proposal: Ameresco - Mahomet Seymour CUSD #3**

Location	Existing Fixture	Qty	Watts	Exist Op Hrs	Proposed Fixture	Qty	Watts	New Control	Prop Op Hrs	Watts Saved	Yr kWh Savings	Yearly \$ Savings
High School- B18 classroom	Fluor Fixture 4' 4L F40T12ES Mag	12	164	2200	Retro 4' 2L F32T8 Elec(IOP) Ref 2X4	12	55		2200	1308	2,877.60	\$243.18
High School- B30 classroom	Fluor Fixture 4' 4L F40T12ES Mag	11	164	2200	Retro 4' 2L F32T8 Elec(IOP) Ref 2X4	11	55		2200	1199	2,637.80	\$222.89
High School- B30 classroom storage	Fluor Fixture 4' 2L F40T12ES Mag	1	82	1260	Retro 2' 2L F17T8 (25W) Elec-LW(IOP)	1	36		1260	44	55.44	\$4.55
High School- B32 classroom	Fluor Fixture 2' 2L F40T12ESU Mag	1	82	2200	Retro 2' 2L F17T8 Elec(IOP) Ref KR 2X2	1	31		2200	51	112.20	\$9.45
High School- B32 classroom	Fluor Fixture 2' 2L F40T12ESU Mag	10	164	2200	Retro 4' 2L F32T8 Elec(IOP) Ref 2X4	10	55		2200	1090	2,398.00	\$202.63
High School- B32 classroom storage	Fluor Fixture 4' 2L F40T12ES Mag	1	82	1260	Retro 4' 2L F32T8 (25W) Elec-LW(IOP)	1	36		1260	44	55.44	\$4.58
High School- B34 office	Fluor Fixture 4' 4L F40T12ES Mag	3	164	2200	Retro 4' 2L F32T8 Elec(IOP) Ref 2X4	3	55		2200	327	715.40	\$60.79
High School- B36 office	Fluor Fixture 4' 4L F40T12ES Mag	3	164	2200	Retro 4' 2L F32T8 Elec(IOP) Ref 2X4	3	55		2200	327	715.40	\$60.79
High School- B36 storage	Incandescent 150W	1	150	1260	Compact Fluorescent 29W	1	28		1260	122	153.72	\$12.99
High School- B38 classroom	Fluor Fixture 4' 4L F40T12ES Mag	13	164	2200	Retro 4' 2L F32T8 Elec(IOP) Ref 2X4	13	55		2200	1417	3,117.40	\$263.42
High School- B45 classroom	Fluor Fixture 4' 4L F40T12ES Mag	3	164	2200	Retro 4' 2L F32T8 Elec(IOP) Ref 2X4	3	55		2200	327	719.40	\$60.79
High School- B47 classroom	Fluor Fixture 4' 4L F40T12ES Mag	18	164	2200	Retro 4' 2L F32T8 Elec(IOP) Ref 2X4	18	55		2200	1962	4,316.40	\$364.74
High School- B47 classroom storage	Fluor Fixture 4' 2L F40T12ES Mag	5	82	1260	Retro 4' 2L F32T8 (25W) Elec-LW(IOP)	5	36		1260	220	277.20	\$23.42
High School- B51 classroom	Fluor Fixture 4' 4L F40T12ES Mag	12	164	2200	Retro 4' 2L F32T8 Elec(IOP) Ref 2X4	12	55		2200	1308	2,877.60	\$243.18
High School- B51 classroom storage	Fluor Fixture 4' 2L F40T12ES Mag	1	82	1260	Retro 4' 2L F32T8 (25W) Elec-LW(IOP)	1	36		1260	44	55.44	\$4.58
High School- B52 storage	Fluor Fixture 4' 2L F40T12ES Mag	1	82	1260	Retro 4' 2L F32T8 (25W) Elec-LW(IOP)	1	36		1260	44	55.44	\$4.58
High School- B53 classroom	Fluor Fixture 4' 4L F40T12ES Mag	19	164	2200	Retro 4' 2L F32T8 Elec(IOP) Ref 2X4	19	55		2200	2071	4,556.20	\$385.00
High School- B54 classroom office	Fluor Fixture 4' 4L F40T12ES Mag	2	164	2200	Retro 4' 2L F32T8 Elec(IOP) Ref 2X4	2	55		2200	218	479.60	\$40.53
High School- B55 classroom	Fluor Fixture 4' 4L F40T12ES Mag	16	164	2200	Retro 4' 2L F32T8 Elec(IOP) Ref 2X4	16	55		2200	1744	3,836.80	\$324.21
High School- C02 classroom	Fluor Fixture 4' 4L F40T12ES Mag	5	164	2200	Retro 4' 2L F32T8 Elec(IOP) Ref 2X4	5	55		2200	545	1,199.00	\$101.32
High School- C10 classroom	Fluor Fixture 4' 4L F40T12ES Mag	20	164	2200	Retro 4' 2L F32T8 Elec(IOP) Ref 2X4	20	55		2200	2160	4,796.00	\$408.26
High School- C11 corridor	Fluor Fixture 2' 2L F40T12ESU Mag	3	82	3640	Retro 2' 2L F17T8 Elec(IOP) Ref KR 2X2	3	31		3640	153	556.92	\$47.05
High School- C15 classroom	Fluor Fixture 4' 4L F40T12ES Mag	6	164	2200	Retro 4' 2L F32T8 Elec(IOP) Ref 2X4	6	55		2200	654	1,438.80	\$121.56
High School- C16 shop wood	Fluor Fixture 4' 2L F40T12ES Mag	4	82	2200	Retro 4' 2L F32T8 (25W) Elec-LW(IOP)	4	36		2200	178	387.20	\$32.72
High School- C16 shop wood	Fluor Fixture 4' 2L F40T12ES Mag	1	164	2200	Retro 4' 2L F32T8 Elec(IOP) Ref 2X4	1	55		2200	199	439.80	\$37.26
High School- C18 shop wood	Fluor Fixture 8' 2L F96T12HO Mag	16	220	2200	Retro 8' 4L F32T8 Elec(IOP) Ref KR	16	108		2200	1792	3,942.40	\$333.13
High School- C19 shop	Fluor Fixture 8' 2L F96T12HO Mag	16	220	2200	Retro 8' 4L F32T8 Elec(IOP) Ref KR	16	108		2200	1792	3,942.40	\$333.13
High School- C21 classroom	Fluor Fixture 4' 4L F40T12ES Mag	7	164	2200	Retro 4' 2L F32T8 Elec(IOP) Ref 2X4	7	55		2200	763	1,678.60	\$141.84
High School- C24 classroom	Fluor Fixture 2' 2L F40T12ESU Mag	1	82	2200	Retro 2' 2L F17T8 Elec(IOP) Ref KR 2X2	1	31		2200	51	112.20	\$9.45
High School- C24 classroom	Fluor Fixture 4' 4L F40T12ES Mag	5	164	2200	Retro 4' 2L F32T8 Elec(IOP) Ref 2X4	5	55		2200	545	1,199.00	\$101.32
High School- C27 storage	Fluor Fixture 2' 2L F40T12ESU Mag	1	82	1260	Retro 4' 2L F32T8 (25W) Elec-LW(IOP)	1	36		1260	44	55.44	\$4.58
High School- C29 receiving	Fluor Fixture 4' 2L F40T12ES Mag	2	82	3640	Retro 4' 2L F32T8 (25W) Elec-LW(IOP)	2	36		3640	88	320.32	\$27.07
High School- C30 exterior shed outside cooler	Incandescent 75W	11	75	1260	Compact Fluorescent 29W	11	28		1260	517	651.42	\$55.04
High School- C32 classroom	Fluor Fixture 4' 2L F40T12ESU Mag	3	82	2200	New Fixture 4' 1L F32T8 Elec(IOP) Reflector	3	28		2200	162	356.40	\$30.12
High School- C35 office	Fluor Fixture 4' 4L F40T12ES Mag	3	164	2200	Retro 4' 2L F32T8 Elec(IOP) Ref 2X4	3	55		2200	327	719.40	\$60.79
High School- C37 auto shop	Fluor Fixture 4' 2L F40T12ES Mag	3	82	2200	Retro 4' 2L F32T8 (25W) Elec-LW(IOP)	3	36		2200	132	290.40	\$24.54
High School- C37 auto shop	Fluor Fixture 8' 2L F96T12HO Mag	23	220	2200	Retro 8' 4L F32T8 Elec(IOP) Ref KR	23	108		2200	2576	5,667.20	\$476.88
High School- C37 auto shop (shop files)	Fluor Fixture 4' 2L F40T12ESU Mag	4	82	2200	New Fixture 4' 1L F32T8 Elec(IOP) Reflector	4	28		2200	216	475.20	\$40.15
High School- C38 classroom	Fluor Fixture 4' 4L F40T12ES Mag	17	164	2200	Retro 4' 2L F32T8 Elec(IOP) Ref 2X4	17	55		2200	1863	4,076.80	\$344.47
High School- C44 classroom	Fluor Fixture 2' 2L F40T12ESU Mag	2	82	3640	Retro 2' 2L F17T8 Elec(IOP) Ref KR 2X2	2	31		3640	102	371.28	\$31.37
High School- C44 classroom	Fluor Fixture 2' 2L F40T12ESU Mag	2	82	2200	Retro 2' 2L F17T8 Elec(IOP) Ref KR 2X2	2	31		2200	102	224.40	\$18.58
High School- C45 classroom	Fluor Fixture 4' 4L F40T12ES Mag	30	164	2200	Retro 4' 2L F32T8 Elec(IOP) Ref 2X4	30	55		2200	3270	7,194.00	\$607.89
High School- C45 classroom storage	Fluor Fixture 4' 2L F40T12ES Mag	1	82	1260	Retro 4' 2L F32T8 (25W) Elec-LW(IOP)	1	36		1260	44	55.44	\$4.58
High School- D01 cafeteria/commons (18')	Fluor Fixture 2' 2L F40T12ESU Mag	47	82	3640	Retro 2' 2L F17T8 Elec-HO(IOP) Ref KR 2X2	47	41		3640	1927	7,014.28	\$592.71

### Lighting Upgrade Schedule 1.0

Room Type	Hours of Operation per Year
Classrooms, Labs, Offices, Conference	2200
Storage Areas, Mechanics, Electrical	1260
Corridors, Restrooms, Lounges, Gyms, MPRs	3640
Exit Signs & Night Lights	8760

Occupancy Sensitive Rooms	% Time On Reduction
Classrooms, Offices	33%
Storage Areas, Lockers	67%
Lounges, Small Hallways, Conference, Restrooms	50%

**Proposal: Ameresco - Mahomet Seymour CUSD #3**

Location	Existing Fixtures	Qty	Watts	Exist Op Hrs	Proposed Fixtures	Qty	Watts	New Control	Prop Op Hrs	Watts Saved	Yr KWH Savings	Yearly \$ Savings
High School- DD1 cafeteria/commons (16')	Fluor Fixture 4' 2L F40T12ES Mag	44	82	3640	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	44	36		3640	1936	7,047.04	\$595.47
High School- DD1 commons locker area	Fluor Fixture 2' 2L F40T12ESU Mag	20	82	3640	Retro 2' 2L F17T8 Elec(IOP) Refl Kit 2X2	20	31		3640	1020	3,712.80	\$313.73
High School- DD1 lobby	Fluor Fixture 2' 2L F40T12ESU Mag	10	82	3640	Retro 2' 2L F17T8 Elec(IOP) Refl Kit 2X2	10	31		3640	510	1,856.40	\$156.87
High School- DD1 lobby cases	Fluor Fixture 4' 1L F40T12ES Mag	4	48	3640	Retro 4' 1L F32T8(25W) Elec-LW(IOP)	4	21		3640	108	393.12	\$33.22
High School- DG serving	Fluor Fixture 2' 2L F40T12ESU Mag	1	82	3640	Retro 2' 2L F17T8 Elec(IOP) Refl Kit 2X2	1	41		3640	41	149.24	\$12.61
High School- D04 lounge	Existing Fixture 4' 4L F32T8 Elect	10	108	3640	Fixture will not be upgraded	10	108	Ceiling(2)-R1	1820	0	1,965.60	\$168.59
High School- D04 lounge	Incandescent 150W	7	150	1260	Compact Fluorescent 28W	7	28		1260	854	1,076.04	\$90.83
High School- F03 restroom	Existing Fixture 4' 4L F32T8 Elect	5	108	3640	Fixture will not be upgraded	5	108	Wall	1820	0	982.80	\$83.05
High School- F04 restroom	Existing Fixture 4' 4L F32T8 Elect	5	108	3640	Fixture will not be upgraded	5	108	Wall	1820	0	982.80	\$83.05
High School- F05 community	Existing Fixture 4' 4L F32T8 Elect	9	108	3640	Fixture will not be upgraded	9	108	Ceiling-2R	1820	0	1,789.04	\$149.48
High School- F06 weight rm	HID Fixture 400W Metal Halide	19	458	3640	New Fixture 4' 4L T5HO(49W) Elect Ref Cage	19	220	Ceiling(4) R1	1820	4522	24,067.68	\$2,033.72
High School- F13 gymnasium	HID Fixture 400W Metal Halide	40	458	3640	New Fixture 4' 4L T5HO(49W) Elect Ref Cage	40	220		3640	9520	34,632.80	\$2,928.16
High School- F13 gymnasium mezzanine	HID Fixture 400W Metal Halide	17	458	3640	New Fixture 4' 4L T5HO(49W) Elect Ref Cage	17	220		3640	4046	14,727.44	\$1,244.47
High School- F13 gymnasium mezzanine office 1	Fluor Fixture 4' 2L F40T12ES Mag	2	82	2200	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	2	38		2200	88	193.60	\$16.36
High School- F13 gymnasium mezzanine office 2	Fluor Fixture 4' 2L F40T12ES Mag	2	82	2200	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	2	38		2200	88	193.60	\$16.36
High School- F13AA gymnasium entry	Fluor Fixture 4' 2L F40T12ES Mag	2	82	3640	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	2	38		3640	88	320.32	\$27.07
High School- F14 locker	Existing Fixture 4' 2L F32T8 Elect	17	58	3640	Fixture will not be upgraded	17	58	Ceiling R2	1201.2	0	2,404.66	\$203.19
High School- F17 locker	Existing Fixture 4' 2L F32T8 Elect	33	58	3640	Fixture will not be upgraded	33	58	Ceiling(6)-R3	1201.2	0	4,667.86	\$394.43
High School- F18 aerobic	Existing Fixture 4' 4L F32T8 Elect	14	108	3640	Fixture will not be upgraded	14	108	Ceiling-2R	1820	0	2,751.84	\$232.53
High School- F18 aerobic	Fluor Fixture 2' 2L F40T12ESU Mag	1	82	3640	Retro 2' 2L F17T8 Elec(IOP) Refl Kit 2X2	1	31	On DL	1820	51	342.06	\$28.45
High School- G04A locker storage	Fluor Fixture 4' 2L F40T12ES Mag	1	82	1260	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	1	38		1260	44	55.44	\$4.58
High School- G12 locker office	Fluor Fixture 4' 2L F40T12ES Mag	2	82	2200	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	2	38		2200	88	193.60	\$16.36
High School- G13 locker training	Fluor Fixture 4' 2L F40T12ES Mag	2	82	3640	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	2	38		3640	88	320.32	\$27.07
High School- G16 locker office	Fluor Fixture 4' 2L F40T12ES Mag	4	82	2200	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	4	38		2250	176	387.20	\$32.72
High School- G17A dryer rm	Fluor Fixture 4' 2L F40T12ES Mag	2	82	2200	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	2	38		2250	88	193.60	\$16.36
High School- G17B locker corridor	Fluor Fixture 2' 2L F40T12ESU Mag	2	82	3640	Retro 2' 2L F17T8 Elec(IOP) Refl Kit 2X2	2	31		3640	102	371.28	\$31.37
High School- G17C locker training	Fluor Fixture 4' 2L F40T12ES Mag	3	82	3640	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	3	38		3640	132	480.48	\$40.60
High School- G17D locker office	Fluor Fixture 4' 2L F40T12ES Mag	4	82	2200	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	4	38		2250	176	387.20	\$32.72
High School- G19 janitor	Fluor Fixture 4' 2L F40T12ES Mag	2	82	1260	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	2	38		1260	44	55.44	\$4.58
High School- G24 kitchen	Fluor Fixture 4' 2L F40T12ES Mag	30	82	3640	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	30	38		3640	1320	4,804.80	\$406.01
High School- G27 mech	Fluor Fixture 4' 2L F40T12ES Mag	1	82	1260	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	1	38		1260	44	55.44	\$4.58
High School- G28 maintenance	Fluor Fixture 4' 2L F40T12ES Mag	4	82	3640	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	4	38		3640	176	640.64	\$54.13
High School- G29A serving	Fluor Fixture 4' 2L F40T12ES Mag	3	82	3640	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	3	38		3640	132	480.48	\$40.60
High School- HD1 field house (doubles)	HID Fixture 400W Metal Halide	44	458	3640	New Fixture 4' 4L T5HO(49W) Elect Ref Cage	22	220		3640	10472	36,118.00	\$3,220.99
High School- HD1 field house (singles)	HID Fixture 400W Metal Halide	22	458	3640	New Fixture 4' 4L T5HO(49W) Elect Ref Cage	22	220		3640	8236	19,059.04	\$1,610.49
High School- MD1 study/seating	Fluor Fixture 4' 4L F40T12ES Mag	12	164	3640	Retro 4' 3L F32T8 Elec-HL(O)OP) Refl 2X4	12	110		3640	648	2,358.72	\$199.31
High School- MD5a stage	Incandescent 150W	15	150	2200	LED PAR38 20W	15	20		2200	1960	4,290.00	\$362.51
High School- MD6a stage	Exit Sign 2 Lamp Fluor 9W	1	24	8760	Exit Sign LED Fixture Battery 5-Bj	1	2		8760	22	192.72	\$16.26
High School- MD6a stage	Fluor Fixture 2' 2L F40T12ES Mag	5	82	1260	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	5	38		1260	220	277.20	\$23.42
High School- MD6a stage	Fluor Fixture 2' 2L F40T12ESU Mag	2	220	3640	Retro 2' 2L F32T8 Elec-HL(O)OP) Refl	2	74		3640	292	1,062.88	\$89.81
High School- MD6a stage	Incandescent 300W	16	300	2200	Compact Fluor Flat 1L 42W Dome	18	42		2200	4128	9,581.60	\$787.40
High School- M10 green room	Incandescent 60W G30	64	60	2200	Cold Cathode Lamp SW G30 Med	64	8		2200	3328	7,321.60	\$618.68
High School- M10B green room entry	Fluor Fixture 2' 2L F40T12ESU Mag	2	82	3640	Retro 2' 2L F17T8 Elec(IOP) Refl Kit 2X2	2	31		3640	102	371.28	\$31.37

### Lighting Upgrade Schedule 1.0

Room Type	Hours of Operation per Year
Classrooms, Labs, Offices, Conference	2200
Storage Areas, Mechanical, Electrical	1260
Commons, Restrooms, Lounges, Gyms, NPTs	3640
Exit Signs & Night Lights	8760

Occupancy Sensing Rooms	% Time On Reduction
Classrooms, Offices	33%
Storage Areas, Lockers	67%
Lounges, Small Hallways, Conference, Restrooms	50%

Proposal: Ameresco - Mahomet Seymour CUSD #3

Location	Existing Fixture	Qty	Watts	Exist Op Hrs	Proposed Fixture	Qty	Watts	New Control	Prop Op Hrs	Watts Saved	Yr KWH Savings	Yearly \$ Savings
High School- M14 storage	Fluor Fixture 4' 4L F40T12ES Mag	4	164	1260	Retro 4' 2L F32T8 Elect-LW(IOP) Ref 2X4	4	48		1260	464	584.64	\$49.40
High School- M15 storage	Fluor Fixture 4' 4L F40T12ES Mag	3	164	1260	Retro 4' 2L F32T8 Elect-LW(IOP) Ref 2X4	3	48		1260	348	438.48	\$37.05
High School- M15 storage 2nd floor	Fluor Fixture 4' 2L F40T12ES Mag	5	82	1260	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	5	38		1260	220	277.20	\$23.42
<b>337,767.32</b>											<b>\$28,541.34</b>	
Junior High- 003 corridor cases	Fluor Fixture 4' 1L F48T12HQ Mag	3	78	3640	New Fixture 4' 1L F32T8 Elect(IOP) Strip	3	28		3640	150	546.00	\$46.14
Junior High- 006 corridor	Fluor Fixture 4' 4L F40T12ES Mag	8	164	3640	Retro 4' 2L F32T8 Elect(IOP) Ref 2X4	8	55		3640	872	3,174.08	\$268.21
Junior High- 008 corridor	Exit Sign 2 Lamp inc 20W	6	40	8760	Exit Sign LED Fixture Battery B-Up	6	2		8760	228	1,997.28	\$168.77
Junior High- 009 corridor	Fluor Fixture 4' 4L F40T12ES Mag	13	164	3640	Retro 4' 2L F32T8 Elect(IOP) Ref 2X4	13	55		3640	1417	5,157.68	\$435.84
Junior High- 012 corridor	Fluor Fixture 4' 2L F40T12ES Mag	29	82	3640	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	29	35		3640	1276	4,644.64	\$392.47
Junior High- 012 corridor case	Fluor Fixture 4' 1L F40T12ES Mag	1	48	3640	Retro 4' 1L F32T8(25W) Elect-LW(IOP)	1	21		3640	27	98.28	\$8.30
Junior High- 013 corridor	Fluor Fixture 4' 2L F40T12ES Mag	2	82	3640	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	2	35		3640	10	36.40	\$3.08
Junior High- 020 corridor cases (2 brackets)	Fluor Fixture 8' 1L F96T12ES Mag	4	80	2200	Retro 8' 2L F32T8(25W) Elect-LW(IOP) Strip Kit	4	38		2200	168	369.60	\$31.23
Junior High- 020B corridor drink fountain	Fluor Fixture 4' 2L F40T12ES Mag	1	82	3640	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	1	38		3640	44	160.16	\$13.53
Junior High- 021 corridor	Exit Sign 2 Lamp inc 20W	3	40	8760	Exit Sign LED Fixture Battery B-Up	3	2		8760	114	998.64	\$84.39
Junior High- 021 corridor	Fluor Fixture 4' 2L F40T12ES Mag	8	82	3640	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	8	38		3640	352	1,281.28	\$106.27
Junior High- 021 corridor	Fluor Fixture 4' 2L F40T12ES Mag	1	82	3640	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	1	38		3640	44	160.16	\$13.53
Junior High- 021 corridor	Fluor Fixture 4' 2L F40T12ES Mag	15	82	3640	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	15	38		3640	560	2,402.40	\$203.00
Junior High- 021 corridor	Fluor Fixture 4' 4L F40T12ES Mag	2	164	3640	Retro 4' 2L F32T8 Elect(IOP) Ref 2X4	2	55		3640	218	793.52	\$67.08
Junior High- 023 corridor	Exit Sign 2 Lamp inc 20W	1	40	8760	Exit Sign LED Fixture Battery B-Up	1	2		8760	38	332.88	\$28.13
Junior High- 023 corridor	Fluor Fixture 4' 2L F40T12ES Mag	3	82	3640	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	3	38		3640	132	480.48	\$40.60
Junior High- 032 corridor	Fluor Fixture 4' 2L F40T12ES Mag	13	82	3640	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	13	38		3640	572	2,092.08	\$175.94
Junior High- 100 office	Fluor Fixture 4' 2L F40T12ES Mag	1	82	2200	New Fixture 4' 1L F32T8 Elect(IOP) Wrap Ref(Wide)	1	28		2200	54	118.80	\$10.04
Junior High- 100 office	Fluor Fixture 8' 2L F96T12ES Mag	2	160	2200	New Fixture 8' 2L F32T8 Elect(IOP) Wrap Ref(Wide)	2	55		2200	210	462.00	\$39.04
Junior High- 102e restroom	Fluor Fixture 4' 1L F40T12ES Mag	1	48	3640	Retro 4' 1L F32T8(25W) Elect-LW(IOP)	1	21		3640	27	98.28	\$8.30
Junior High- 102k corridor	Fluor Fixture 4' 2L F40T12ES Mag	7	82	3640	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	7	38		3640	308	1,121.12	\$94.73
Junior High- 102i janitor	Incandescent 150W	2	150	1260	Compact Fluorescent 32W	2	32		1260	236	297.36	\$25.13
Junior High- 106 classroom	Fluor Fixture 4' 4L F40T12ES Mag DG	8	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	8	76		2200	704	1,648.80	\$130.87
Junior High- 106 classroom	Fluor Fixture 4' 4L F40T12ES Mag DG	8	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	8	76		2200	704	1,648.80	\$130.87
Junior High- 114 classroom	Fluor Fixture 4' 4L F40T12ES Mag DG	8	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	8	76		2200	704	1,648.80	\$130.87
Junior High- 114 classroom	Fluor Fixture 4' 4L F40T12ES Mag DG	12	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	12	76		2200	1056	2,353.20	\$196.31
Junior High- 115 classroom	Fluor Fixture 4' 4L F40T12ES Mag DG	8	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	8	76		2200	704	1,648.80	\$130.87
Junior High- 117 classroom	Fluor Fixture 4' 4L F40T12ES Mag DG	12	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	12	76		2200	1056	2,353.20	\$196.31
Junior High- 118 classroom	Fluor Fixture 4' 4L F40T12ES Mag DG	9	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	9	76		2200	792	1,742.40	\$147.23
Junior High- 120 classroom	Fluor Fixture 4' 4L F40T12ES Mag DG	9	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	9	76		2200	792	1,742.40	\$147.23
Junior High- 121 classroom	Fluor Fixture 4' 4L F40T12ES Mag DG	12	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	12	76		2200	1056	2,353.20	\$196.31
Junior High- 123 classroom	Fluor Fixture 4' 4L F40T12ES Mag DG	9	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	9	76		2200	792	1,742.40	\$147.23
Junior High- 124 conference	Fluor Fixture 4' 4L F40T12ES Mag	3	164	2200	Retro 4' 2L F32T8 Elect(IOP) Ref 2X4	3	55		2200	327	719.40	\$60.79

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Lighting Upgrade Schedule 1.0

Room Type	Hours of Operation per Year
Classrooms, Labs, Offices, Conference	2200
Storage Areas, Mechanical, Electrical	1260
Corridors, Restrooms, Lounges, Gyms, NPTs	3640
Exit Signs & Night Lights	8760

Occupancy Sensitive Rooms	% Time On Reduction
Classrooms, Offices	33%
Storage Areas, Lockers	67%
Lounges, Small Hallways, Conference, Restrooms	50%

Proposal: Ameresco - Mahomet Seymour CUSD #3

Location	Existing Fixture	Qty	Watts	Exist Op Hrs	Proposed Fixture	Qty	Watts	New Control	Prop Op Hrs	Watts Saved	Yr kWh Savings	Yearly \$ Savings
Junior High- 125 classroom	Fluor Fixture 4' 4L F40T12ES Mag OS	9	164	2200	Retro 4' 4L F32T8(25W) Elec-LW(IOP) Dual Switch	9	76		2200	792	1,742.40	\$147.23
Junior High- 126 classroom	Fluor Fixture 4' 4L F40T12ES Mag OS	9	164	2200	Retro 4' 4L F32T8(25W) Elec-LW(IOP) Dual Switch	9	76		2200	792	1,742.40	\$147.23
Junior High- 127 classroom	Fluor Fixture 4' 2L F40T12ES Mag	18	82	2200	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	18	38		2200	792	1,742.40	\$147.23
Junior High- 128 classroom	Fluor Fixture 4' 2L F40T12ES Mag	21	82	2200	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	21	38		2200	924	2,032.80	\$171.77
Junior High- 129 guidance	Fluor Fixture 4' 2L F40T12ES Mag	9	82	3640	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	9	38		3640	396	1,441.44	\$121.85
Junior High- 130 classroom	Fluor Fixture 4' 2L F40T12ES Mag	21	82	2200	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	21	38		2200	924	2,032.80	\$171.77
Junior High- 131 library (14')	Exit Sign 2 Lamp Inc 20W	2	40	8760	Exit Sign LED Fixture Battery B-Up	2	2		8760	76	865.76	\$66.26
Junior High- 131 library (14')	Fluor Fixture 4' 2L F40T12ES Mag	78	82	3640	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	78	38		3640	3300	12,012.00	\$1,015.01
Junior High- 132 classroom	Fluor Fixture 4' 2L F40T12ES Mag	21	82	2200	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	21	38		2200	396	871.20	\$73.62
Junior High- 133 class storage	Fluor Fixture 4' 2L F40T12ES Mag	2	82	1260	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	2	38		1260	824	2,032.80	\$171.77
Junior High- 133 classroom	Fluor Fixture 4' 2L F40T12ES Mag	12	82	2200	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	12	38		2200	528	1,161.60	\$96.16
Junior High- 134 storage	Incandescent 100W	1	100	1260	Compact Fluorescent 23W	1	23		1260	77	97.02	\$8.26
Junior High- 137 janitor	Incandescent 75W	1	75	1260	Compact Fluorescent 20W	1	20		1260	55	89.35	\$7.86
Junior High- 140 janitor	Fluor Fixture 4' 2L F40T12ES Mag	1	82	1260	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	1	38		1260	44	55.44	\$4.68
Junior High- 140b mechanical	Fluor Fixture 4' 4L F40T12ES Mag	2	164	1260	Retro 4' 4L F32T8(25W) Elec-LW(IOP)	2	77		1260	174	215.24	\$18.53
Junior High- 141 classroom storage	Fluor Fixture 4' 4L F40T12ES Mag	2	164	1260	Retro 4' 4L F32T8(25W) Elec-LW(IOP) Ref 2X4	2	55		1260	218	274.68	\$23.21
Junior High- 143 janitor	Incandescent 100W	2	100	1260	Compact Fluorescent 23W	2	23		1260	154	194.04	\$16.40
Junior High- 143 janitor	Fluor Fixture 4' 2L F40T12ES Mag	1	82	1260	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	1	38		1260	44	55.44	\$4.68
Junior High- 146 mechanical	Fluor Fixture 4' 2L F40T12ES Mag	9	82	3640	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	9	38	Cell Wireless(4) (2 Sw)	1201.2	396	2,275.51	\$193.28
Junior High- 200 locker gms	Fluor Fixture 4' 2L F40T12ES Mag	8	82	3640	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	3	77	On SL	1260.2	261	1,813.40	\$127.88
Junior High- 202 storage	Fluor Fixture 4' 2L F40T12ES Mag	2	82	1260	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	2	38		1260	68	110.88	\$9.37
Junior High- 203 locker	Exit Sign 2 Lamp Inc 20W	1	40	8760	Exit Sign LED Fixture Battery B-Up	1	2		8760	38	332.88	\$28.13
Junior High- 203 locker	Fluor Fixture 4' 2L F40T12ES Mag	7	82	3640	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	7	38	Cell Wireless(3) (1 Sw)	1201.2	308	1,769.84	\$149.55
Junior High- 203 locker	Fluor Fixture 4' 2L F40T12ES Mag	8	82	3640	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	4	77	Cell Wireless(2) (1 Sw)	1201.2	348	2,017.37	\$170.51
Junior High- 203a locker restroom	Incandescent 75W	2	75	3640	New Fixture 2 2L F11T8 Elect Wrap (Wide)	1	56		3640	116	422.24	\$35.68
Junior High- 203a locker storage	Fluor Fixture 4' 4L F40T12ES Mag	1	164	1260	Retro 4' 2L F32T8(25W) Elec-LW(IOP) Ref 2X4	1	55		1260	109	137.34	\$11.51
Junior High- 203c locker storage	Incandescent 75W	1	75	1260	New Fixture 2 2L F11T8 Elect Wrap (Wide)	1	34		1260	41	51.66	\$4.37
Junior High- 204 boiler	Incandescent 300W	7	300	2200	Compact Fluor Flat 1L 42W Dome	7	42		2200	1508	3,973.20	\$336.74
Junior High- 204 boiler (over tank)	Incandescent 300W	1	300	2200	Disconnect Fixture at Closest Accessible Box	1	0		2200	300	660.00	\$55.77
Junior High- 204 kitchen	Fluor Fixture 4' 2L F40T12ES Mag	2	82	2200	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	2	38		2200	85	193.60	\$16.36
Junior High- 204 kitchen	Fluor Fixture 4' 4L F40T12ES Mag	5	164	3640	Retro 4' 2L F32T8(25W) Elec-LW(IOP) Ref 2X4	5	55		3640	545	1,983.20	\$167.63
Junior High- 206 cafeteria (East Side)	Fluor Fixture 4' 4L F40T12ES Mag	15	164	3640	Retro 4' 2L F32T8(25W) Elec-LW(IOP) Ref 2X4	15	55		3640	1635	5,951.40	\$502.89
Junior High- 207 gymnasium orange	HID Fixture 400W Metal Halide	27	458	3640	New Fixture 4' 4L T5HC(49W) Elect Refr Cage	27	220		3640	6426	23,380.84	\$1,976.51
Junior High- 207 gymnasium orange bleachers	HID Fixture 400W Metal Halide	5	458	3640	New Fixture 4' 2L T5HC(49W) Elect Refr Cage	5	110		3640	1740	6,333.60	\$535.19
Junior High- 208 gymnasium blue	Exit Sign 2 Lamp Inc 20W	4	40	8760	Exit Sign LED Fixture Battery B-Up	4	2		8760	152	1,331.52	\$112.51
Junior High- 208 gymnasium blue (move to beams 4 rows)	HID Fixture 400W Metal Halide	20	458	3640	New Fixture 5' 4L T5HC(49W) Elect Refr-Wire Gro	20	220		3640	4760	17,226.40	\$1,464.08
Junior High- 210 lounge	Fluor Fixture 4' 4L F40T12ES Mag	4	164	3640	Retro 4' 2L F32T8(25W) Elec-LW(IOP) Ref 2X4	4	55	Ceiling	1820	436	1,987.44	\$167.34
Junior High- 211 storage	Incandescent 75W	8	75	1260	New Fixture 2 2L F11T8 Elect Wrap (Wide)	4	34		1260	464	584.64	\$49.40
Junior High- 212 office	Fluor Fixture 4' 4L F40T12ES Mag	2	164	2200	Retro 4' 2L F32T8(25W) Elec-LW(IOP) Ref 2X4	2	55		2200	218	479.60	\$40.53
Junior High- 212 office	Fluor Fixture 4' 4L F40T12ES Mag	3	164	2200	Retro 4' 2L F32T8(25W) Elec-LW(IOP) Ref 2X4	3	55		2200	307	719.40	\$60.79

Confidential

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### Lighting Upgrade Schedule 1.0

Room Type	Hours of Operation per Year
Classrooms, Labs, Offices, Conference	2200
Storage Areas, Mechanical, Electrical	1060
Common, Restrooms, Lounges, Gyms, MPRs	3640
Exit Signs & Night Lights	8760

Occupancy Sensing Rooms	% Time On Reduction
Classrooms, Offices	33%
Storage Areas, Lockers	67%
Lounges, Small Hallways, Conference, Restrooms	50%

**Proposal: Ameresco - Mahomet Seymour CUSD #3**

Location	Existing Fixture	Qty	Watts	Exist Op Hrs	Proposed Fixture	Qty	Watts	New Control	Prop Op Hrs	Watts Saved	Yr KWH Savings	Yearly \$ Savings	
Junior High- 212b restroom	Incandescent 75W	2	75	3640	New Fixture 2' 2L F1775 Elect Wrap (Wide)	1	34			3640	116	422.24	\$35.68
Junior High- 215b restroom 1	Fluor Fixture 4' 2L F40T12ES Mag	1	82	3640	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	1	38			3640	44	160.16	\$13.53
Junior High- 215b restroom 1	Incandescent 75W	1	75	3640	Compact Fluorescent 20W	1	20			3640	55	200.20	\$16.92
Junior High- 215b restroom 1	Incandescent 75W	2	75	3640	New Fixture 2' 2L F1775 Elect Wrap (Wide)	1	34			3640	116	422.24	\$35.68
Junior High- 215b restroom 2	Fluor Fixture 4' 2L F40T12ES Mag	1	82	3640	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	1	38			3640	44	160.16	\$13.53
Junior High- 215b storage	Fluor Fixture 4' 2L F40T12ES Mag	1	82	1260	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	1	38			1260	44	55.44	\$4.58
Junior High- 221 kitchen storage	Incandescent 75W	4	75	1260	New Fixture 2' 2L F1775 Elect Wrap (Wide)	2	34			1260	232	292.32	\$24.70
Junior High- 222 restroom	Incandescent 100W	1	100	3640	Compact Fluorescent 20W	1	23			3640	77	280.28	\$23.68
Junior High- 222 restroom	Incandescent 75W	2	75	3640	New Fixture 2' 2L F1775 Elect Wrap (Wide)	1	34			3640	116	422.24	\$35.68
Junior High- 300 study hall	Fluor Fixture 4' 4L F40T12ES Mag DG	13	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	13	76			2200	1144	2,516.80	\$212.67
Junior High- 301 classroom	Fluor Fixture 4' 4L F40T12ES Mag DG	12	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	12	76			2200	1056	2,323.20	\$196.31
Junior High- 301 classroom storage	Fluor Fixture 4' 2L F40T12ES Mag	1	82	1260	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	1	38			1260	44	55.44	\$4.58
Junior High- 302 classroom	Fluor Fixture 4' 4L F40T12ES Mag DG	12	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	12	76			2200	1056	2,323.20	\$196.31
Junior High- 302 classroom storage	Fluor Fixture 4' 2L F40T12ES Mag	1	82	1260	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	1	38			1260	44	55.44	\$4.58
Junior High- 302 classroom storage	Fluor Fixture 4' 4L F40T12ES Mag	2	164	1260	Retro 4' 2L F32T8(25W) Elect-LW(IOP) Ref 2X4	2	55			1260	218	274.68	\$23.21
Junior High- 302 classroom storage	Fluor Fixture 4' 4L F40T12ES Mag	3	164	2200	Retro 4' 2L F32T8(25W) Elect-LW(IOP) Ref 2X4	2	55			2200	218	479.60	\$40.53
Junior High- 303 mentor rm	Fluor Fixture 4' 4L F40T12ES Mag	4	164	2200	Retro 4' 2L F32T8(25W) Elect-LW(IOP) Ref 2X4	4	55			2200	436	959.20	\$81.05
Junior High- 303 mentor rm storage	Fluor Fixture 4' 4L F40T12ES Mag	2	164	1260	Retro 4' 2L F32T8(25W) Elect-LW(IOP) Ref 2X4	2	55			1260	218	274.68	\$23.21
Junior High- 304 Wrestling	Incandescent 300W	15	300	3640	New Fixture 4' 2L F32T8 Elect Ref Cage	15	88			3640	3180	11,575.20	\$976.10
Junior High- 307 mech	Incandescent 75W	1	75	1260	Compact Fluorescent 20W	1	20			1260	55	69.30	\$5.96
												<b>171,347.24</b>	<b>\$14,478.64</b>
Lincoln Trail- 006 classroom	Fluor Fixture 4' 4L F40T12ES Mag DG	15	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	15	76			2200	1320	2,904.00	\$245.39
Lincoln Trail- 006a classroom	Fluor Fixture 4' 4L F40T12ES Mag DG	15	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	15	76			2200	1320	2,904.00	\$245.39
Lincoln Trail- 008 restroom	Existing Fixture 4' 2L F32T8 Elect	2	58	3640	Fixture will not be upgraded	2	58	Ceil Wireless (1 0w)	1820	0	211.12	\$17.64	
Lincoln Trail- 009 restroom	Existing Fixture 4' 2L F32T8 Elect	2	58	3640	Fixture will not be upgraded	2	58	Ceil Wireless (1 0w)	1820	0	211.12	\$17.64	
Lincoln Trail- 012 kitchen storage	Fluor Fixture 4' 2L F40T12ES Mag	4	82	1260	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	4	38			1260	176	221.76	\$18.74
Lincoln Trail- 013 kitchen	Fluor Fixture 4' 4L F40T12ES Mag	10	164	3640	Retro 4' 2L F32T8(25W) Elect-LW(IOP) Ref 2X4	10	55			3640	1090	3,967.60	\$336.28
Lincoln Trail- 013 kitchen	Incandescent 100W	2	100	3640	New Fixture 2' 2L F1775 Elect Wrap (Wide)	1	34			3640	166	404.24	\$33.08
Lincoln Trail- 013 kitchen	Incandescent 100W	2	100	2200	New Fixture 2' 2L F1775 Elect Wrap (Restroom)	2	34			2200	132	290.40	\$24.54
Lincoln Trail- 013B kitchen restroom	Incandescent 75W	2	75	3640	New Fixture 2' 2L F1775 Elect Wrap (Wide)	1	34			3640	116	422.24	\$35.68
Lincoln Trail- 015 mechanical	Fluor Fixture 4' 2L F40T12ES Mag	1	82	1260	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	1	38			1260	44	55.44	\$4.58
Lincoln Trail- 015 mechanical	Incandescent 300W	5	200	3640	Compact Fluor Fixt 1L 43W Dome	5	42			3640	790	3,876.60	\$324.99
Lincoln Trail- 015 mechanical	Incandescent 75W	2	75	3640	Fixture will not be upgraded	2	58	Wall	1820	0	211.12	\$17.64	
Lincoln Trail- 020 restroom	Existing Fixture 4' 2L F32T8 Elect	2	58	3640	Fixture will not be upgraded	2	58	Wall	1820	0	211.12	\$17.64	
Lincoln Trail- 021 restroom	Existing Fixture 4' 2L F32T8 Elect	2	58	3640	Fixture will not be upgraded	2	58	Wall	1820	0	211.12	\$17.64	
Lincoln Trail- 022 gymnasium	HID Fixture 400W Metal Halide	16	488	3640	New Fixture 4' 4L T5HO(40W) Elect Ref Cage	16	220			3640	3808	13,861.12	\$1,171.26
Lincoln Trail- 023 gym storage	Fluor Fixture 4' 2L F40T12ES Mag	4	82	1260	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	4	38	Wall	415.8	176	350.08	\$29.50	
Lincoln Trail- 038 restroom	Existing Fixture 4' 2L F32T8 Elect	3	58	3640	Fixture will not be upgraded	3	58	Wall	1820	0	316.68	\$26.75	
Lincoln Trail- 039 restroom	Existing Fixture 4' 2L F32T8 Elect	3	58	3640	Fixture will not be upgraded	3	58	Wall	1820	0	316.68	\$26.75	
Lincoln Trail- 042 classroom	Fluor Fixture 4' 4L F40T12ES Mag DG	12	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	12	76			2200	1056	2,323.20	\$196.31
Lincoln Trail- 043 classroom	Fluor Fixture 4' 4L F40T12ES Mag DG	12	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	12	76			2200	1056	2,323.20	\$196.31
Lincoln Trail- 044 classroom	Fluor Fixture 4' 4L F40T12ES Mag DG	12	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	12	76			2200	1056	2,323.20	\$196.31
Lincoln Trail- 044 corridor	Fluor Fixture 4' 4L F40T12ES Mag	9	164	3640	Retro 4' 2L F32T8(25W) Elect-LW(IOP) Ref 2X4	9	55			3640	981	3,570.84	\$301.74

### Lighting Upgrade Schedule 1.0

Room Type	Hours of Operation per Year
Classrooms, Labs, Offices, Conference	2200
Storage Areas, Mechanical, Electrical	1260
Courtesy, Restrooms, Lounges, Gyms, MPRs	3640
Exit Signs & Night Lights	8760

Occupancy Saving Rooms	% Time On Reduction
Classrooms, Offices	33%
Storage Areas, Lockers	67%
Lounges, Small Hallways, Conference, Restroom	50%

**Proposal: Ameresco - Mahomet Seymour CUSD #3**

Location	Existing Fixtures	Qty	Watts	Exist Op Hrs	Proposed Fixtures	Qty	Watts	New Control	Prop Op Hrs	Watts Saved	Yr KWH Savings	Yearly \$ Savings
Lincoln Train-045 classroom	Fluor Fixture 4' 4L F40T12ES Mag DD	12	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	12	76		2200	1066	2,323.20	\$196.31
Lincoln Train-046 classroom	Fluor Fixture 4' 4L F40T12ES Mag DD	12	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	12	76		2200	1066	2,323.20	\$196.31
Lincoln Train-047 classroom	Fluor Fixture 4' 4L F40T12ES Mag DD	12	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	12	76		2200	1066	2,323.20	\$196.31
Lincoln Train-048 classroom	Fluor Fixture 4' 4L F40T12ES Mag DD	12	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	12	76		2200	1066	2,323.20	\$196.31
Lincoln Train-049 corridor	Fluor Fixture 4' 4L F40T12ES Mag	11	164	3640	Retro 4' 2L F32T8 Elect(IOP) Ref 2X4	11	55		3640	1199	4,364.36	\$365.79
Lincoln Train-049 classroom	Fluor Fixture 4' 4L F40T12ES Mag DD	12	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	12	76		2200	1066	2,323.20	\$196.31
Lincoln Train-050 classroom	Fluor Fixture 4' 4L F40T12ES Mag DS	12	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	12	76		2200	1066	2,323.20	\$196.31
Lincoln Train-063 office	Fluor Fixture 4' 4L F40T12ES Mag DS	3	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	3	76		2200	264	580.80	\$48.08
Lincoln Train-064 office	Fluor Fixture 4' 4L F40T12ES Mag DS	3	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	3	76		2200	264	580.80	\$48.08
Lincoln Train-070 restroom	Fluor Fixture 2' 2L F40T12ESU Mag	2	82	3640	Retro 2' 2L F17T8 Elect(IOP) Refl Kit 2X2	2	31		3640	102	371.28	\$31.37
Lincoln Train-071 restroom	Fluor Fixture 2' 2L F40T12ESU Mag	1	82	3640	Retro 2' 2L F17T8 Elect(IOP) Refl Kit 2X2	1	31		3640	51	185.64	\$15.69
Lincoln Train-072 class office/storage	Fluor Fixture 4' 4L F40T12ES Mag	4	164	2200	Retro 4' 2L F32T8 Elect(IOP) Ref 2X4	4	55		2200	436	859.20	\$61.05
Lincoln Train-073 classroom	Fluor Fixture 4' 4L F40T12ES Mag DS	11	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP) Dual Switch	11	76		2200	968	2,129.80	\$179.88
Lincoln Train-076 lounge	Existing Fixture 4' 3L F32T8 Elect	12	88	3640	Fixture will not be upgraded	12	88	Ceiling-3R	1820	0	1,821.92	\$162.40
Lincoln Train-076 restrooms	Fluor Fixture 2' 2L F40T12ESU Mag	4	82	3640	Retro 2' 2L F17T8 Elect(IOP) Refl Kit 2X2	4	31		3640	204	742.56	\$62.75
Lincoln Train-076 restrooms entry	Fluor Fixture 2' 2L F40T12ESU Mag	1	82	3640	Retro 2' 2L F17T8 Elect(IOP) Refl Kit 2X2	1	31	Wall	1820	51	242.06	\$20.45
Lincoln Train-080 mechanical penthouse	incandescent 75W	6	75	1260	Compact Fluorescent 20W	6	20		1260	330	415.80	\$35.14
Lincoln Train-083 boiler	Fluor Fixture 4' 2L F40T12ES Mag	2	82	2200	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	2	36		2200	88	193.60	\$16.36
Lincoln Train-084 outdoor cases	Fluor Fixture 4' 1L F40T12ES Mag	3	48	3640	Retro 4' 1L F32T8(25W) Elect-LW(IOP)	3	21		3640	81	294.84	\$24.91
Lincoln Train-084 mechanical	Fluor Fixture 4' 2L F40T12ES Mag	2	82	1260	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	2	36		1260	88	110.88	\$9.37
Lincoln Train-082 gym vestibule	Fluor Fixture 4' 2L F40T12ES Mag	2	82	3640	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	2	36		3640	68	320.32	\$27.07
<b>87,827.62</b>											<b>\$5,731.43</b>	
Sangamon-001 classroom	Fluor Fixture 4' 3L F40T12ES Mag	8	130	2200	Retro 4' 2L F32T8 Elect-LW(IOP) Ref 2X4	8	48		2200	656	1,443.20	\$121.95
Sangamon-002 classroom	Fluor Fixture 4' 3L F40T12ES Mag	8	130	2200	Retro 4' 2L F32T8 Elect-LW(IOP) Ref 2X4	8	48		2200	656	1,443.20	\$121.95
Sangamon-003 classroom	Fluor Fixture 4' 3L F40T12ES Mag	8	130	2200	Retro 4' 2L F32T8 Elect-LW(IOP) Ref 2X4	8	48		2200	656	1,443.20	\$121.95
Sangamon-004 classroom	Fluor Fixture 4' 3L F40T12ES Mag	8	130	2200	Retro 4' 2L F32T8 Elect-LW(IOP) Ref 2X4	8	48		2200	656	1,443.20	\$121.95
Sangamon-005 classroom	Fluor Fixture 4' 3L F40T12ES Mag	8	130	2200	Retro 4' 2L F32T8 Elect-LW(IOP) Ref 2X4	8	48		2200	656	1,443.20	\$121.95
Sangamon-006 classroom	Fluor Fixture 4' 3L F40T12ES Mag	8	130	2200	Retro 4' 2L F32T8 Elect-LW(IOP) Ref 2X4	8	48		2200	656	1,443.20	\$121.95
Sangamon-007 classroom	Fluor Fixture 4' 3L F40T12ES Mag	8	130	2200	Retro 4' 2L F32T8 Elect-LW(IOP) Ref 2X4	8	48		2200	656	1,443.20	\$121.95
Sangamon-008 classroom	Fluor Fixture 4' 3L F40T12ES Mag	8	130	2200	Retro 4' 2L F32T8 Elect-LW(IOP) Ref 2X4	8	48		2200	656	1,443.20	\$121.95
Sangamon-009 restroom	Fluor Fixture 4' 4L F40T12ES Mag	2	164	3640	Retro 4' 4L F32T8(25W) Elect-LW(IOP)	2	77		3640	174	633.36	\$63.52
Sangamon-009B janitor	incandescent 75W	1	75	1260	Compact Fluorescent 20W	1	20		1260	55	69.30	\$5.86
Sangamon-010 restroom	Fluor Fixture 4' 4L F40T12ES Mag	2	164	3640	Retro 4' 4L F32T8(25W) Elect-LW(IOP)	2	77		3640	174	633.36	\$63.52
Sangamon-011 office	Fluor Fixture 4' 3L F40T12ES Mag	2	130	2200	Retro 4' 2L F32T8 Elect-LW(IOP) Ref 2X4	2	48		2200	164	360.80	\$30.49
Sangamon-012 office	Fluor Fixture 4' 3L F40T12ES Mag	2	130	2200	Retro 4' 2L F32T8 Elect-LW(IOP) Ref 2X4	2	48		2200	164	360.80	\$30.49
Sangamon-013 cafeteria / gym	Fluor Fixture 4' 4L F40T12ES Mag	16	164	3640	Retro 4' 4L F32T8(25W) Elect-LW(IOP)	16	77		3640	1392	5,066.88	\$428.15
Sangamon-014 stage	Fluor Fixture 4' 3L F40T12ES Mag	6	130	2200	Retro 4' 3L F32T8(25W) Elect-LW(IOP)	6	56		2200	432	950.40	\$80.31
Sangamon-015 gym storage	Fluor Fixture 4' 2L F40T12ES Mag	2	82	1260	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	2	36		1260	88	110.88	\$9.37
Sangamon-016 kitchen	Fluor Fixture 4' 4L F40T12ES Mag	3	164	2200	Retro 4' 4L F32T8(25W) Elect-LW(IOP)	3	77		2200	261	574.20	\$48.52
Sangamon-019B kitchen storage	incandescent 150W	1	150	1260	New Fixture 2' 2L F17T8 Elect Wrap (Wide)	1	34		1260	116	146.16	\$12.38
Sangamon-020 corridor	Fluor Fixture 4' 2L F40T12ES Mag	14	82	3640	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	14	38		3640	616	2,242.24	\$189.47
Sangamon-022 entrance	Fluor Fixture 4' 2L F40T12ES Mag	1	82	3640	New Fixture 4' 1L F32T8 Elect(IOP) Wrap Ref(Wide)	1	26		3640	54	196.56	\$16.61



### Lighting Upgrade Schedule 1.0

Room Type	Hours of Operation per Year
Classrooms, Labs, Offices, Conference	2200
Storage Areas, Mechanical, Electrical	1260
Corridors, Restrooms, Lounges, Gyms, NFRs	3640
Ext Signs & Night Lights	8760

Occupancy Sensing Rooms	% Time On Reduction
Classrooms, Offices	33%
Storage Areas, Lockers	57%
Lounges, Small Hallways, Conference, Restroom	50%

**Proposal: Ameresco - Mahomet Seymour CUSD #3**

Location	Existing Fixtures	Qty	Watts	Exist Op Hrs	Proposed Fixtures	Qty	Watts	New Control	Prop Op Hrs	Watts Saved	Yr kWh Savings	Yearly \$ Savings
Gangamon- 024 computer	Fluor Fixture 4' 4L F40T12EG Mag	6	164	2200	New Fixture 4' 2L F32T8 Elect(IOP) Wrap Ref(XWide)	6	65		2200	664	1,438.80	\$121.58
Gangamon- 024 computer	Incandescent 75W	1	75	2200	Compact Fluorescent 20W	1	20		2200	55	121.00	\$10.22
Gangamon- 025 kitchen storage	Fluor Fixture 4' 4L F40T12EG Mag	4	164	1260	Retro 4' 4L F32T8(25W) Elect-LW(IOP)	4	77		1260	349	436.44	\$37.05
Gangamon- 025 kitchen storage	Incandescent 75W	1	75	1260	Compact Fluorescent 20W	1	20		1260	55	69.30	\$5.86
Gangamon- 102 restroom mens	Fluor Fixture 4' 2L F40T12EG Mag	1	82	3640	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	1	38	Wall	1820	44	229.32	\$19.38
Gangamon- 102 restroom womens	Fluor Fixture 4' 2L F40T12EG Mag	1	82	3640	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	1	38	Wall	1820	44	229.32	\$19.38
Gangamon- 102 vending	Fluor Fixture 4' 3L F40T12EG Mag	1	130	3640	Retro 4' 2L F32T8 Elect-LW(IOP) Ref 2X4	1	48		3640	82	298.44	\$25.22
Gangamon- 103 office	Fluor Fixture 2' 2L F40T12EGU Mag	1	82	2200	Retro 2' 2L F17T8 Elect(IOP) Ref Kt 2X2	1	31		2200	51	112.20	\$9.48
Gangamon- 104 office	Fluor Fixture 4' 3L F40T12EGU Mag	3	130	2200	Retro 4' 2L F32T8 Elect-LW(IOP) Ref 2X4	3	48		2200	246	541.20	\$45.73
Gangamon- 105 office	Fluor Fixture 4' 3L F40T12EG Mag	4	130	2200	Retro 4' 2L F32T8 Elect-LW(IOP) Ref 2X4	4	48		2200	328	721.60	\$60.96
Gangamon- 107 library	Fluor Fixture 4' 3L F40T12EG Mag DG	15	130	3640	Retro 4' 2L F32T8(25W) Elect-LW(IOP) Dual Switch	15	59		3640	1065	3,876.60	\$327.67
Gangamon- 108 restroom	Fluor Fixture 4' 3L F40T12EG Mag	6	130	3640	Retro 4' 2L F32T8 Elect-LW(IOP) Ref 2X4	6	48		3640	492	1,790.88	\$151.33
Gangamon- 109 restroom	Fluor Fixture 4' 3L F40T12EG Mag	2	82	3640	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	2	38		3640	88	320.32	\$27.07
Gangamon- 109 restroom	Fluor Fixture 4' 3L F40T12EG Mag	2	82	3640	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	2	38		3640	88	320.32	\$27.07
Gangamon- 109B janitor	Incandescent 75W	1	75	1260	Compact Fluorescent 20W	1	20		1260	55	69.30	\$5.86
Gangamon- 110 A1 Purpose Room	Fluor Fixture 4' 2L F40T12EG Mag	2	82	3640	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	2	38		3640	88	320.32	\$27.07
Gangamon- 110 A1 Purpose Room	HID Fixture 400W Metal Halide	12	468	3640	New Fixture 4' 4L T8HO(49W) Elect Ref Cage	12	220		3640	2866	10,398.84	\$878.45
Gangamon- 111 office	Fluor Fixture 4' 2L F40T12EG Mag	2	82	2200	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	2	38		2200	88	193.60	\$16.36
Gangamon- 113 corridor	Fluor Fixture 4' 2L F40T12EG Mag	26	82	3640	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	26	38		3640	1144	4,164.16	\$351.87
Gangamon- 114 office	Fluor Fixture 4' 2L F40T12EG Mag	3	82	2200	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	2	38		2200	88	193.60	\$16.36
Gangamon- 115 support services	Fluor Fixture 4' 3L F40T12EG Mag DG	10	130	2200	Retro 4' 2L F32T8(25W) Elect-LW(IOP) Dual Switch	10	59		2200	710	1,862.00	\$131.99
Gangamon- 116 custodian	Fluor Fixture 4' 2L F40T12EG Mag	1	82	1260	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	1	38		1260	44	56.44	\$4.68
Gangamon- 116 custodian	Incandescent 100W	2	100	1260	Compact Fluorescent 33W	2	33		1260	154	194.04	\$16.40
Gangamon- 117 boiler	Fluor Fixture 4' 2L F40T12EG Mag	7	82	2200	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	7	38		2200	308	677.60	\$57.26
Gangamon- 118 corridor	Fluor Fixture 4' 2L F40T12EG Mag	4	82	3640	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	4	38		3640	176	640.64	\$54.13
Gangamon- 120 classroom	Fluor Fixture 4' 3L F40T12EG Mag DG	9	130	2200	Retro 4' 3L F32T8(25W) Elect-LW(IOP) Dual Switch	9	59		2200	839	1,405.80	\$118.79
Gangamon- 121 classroom	Fluor Fixture 4' 3L F40T12EG Mag DG	9	130	2200	Retro 4' 3L F32T8(25W) Elect-LW(IOP) Dual Switch	9	59		2200	839	1,405.80	\$118.79
Gangamon- 122 to 127 classrooms (6)	Fluor Fixture 4' 3L F40T12EG Mag DG	54	130	2200	Retro 4' 3L F32T8(25W) Elect-LW(IOP) Dual Switch	54	59		2200	3834	6,434.50	\$712.74
Gangamon- 128 stairwell	Fluor Fixture 4' 2L F40T12EG Mag	5	82	3640	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	5	38		3640	220	800.60	\$67.87
Gangamon- 129 lounge	Fluor Fixture 4' 3L F40T12EG Mag DG	6	130	3640	Retro 4' 3L F32T8(25W) Elect-LW(IOP) Dual Switch	6	59	Wall - 3 GLs	1820	426	2,194.92	\$185.47
Gangamon- 200 corridor	Fluor Fixture 4' 2L F40T12EG Mag	19	82	3640	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	19	38		3640	536	3,043.04	\$257.14
Gangamon- 200 elevator	Fluor Fixture 4' 2L F40T12EG Mag	2	82	8760	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	2	38		8760	88	770.88	\$65.14
Gangamon- 203 classroom	Fluor Fixture 4' 3L F40T12EG Mag DG	6	130	2200	Retro 4' 3L F32T8(25W) Elect-LW(IOP) Dual Switch	6	59		2200	426	837.20	\$79.19
Gangamon- 203 classroom (15')	Fluor Fixture 4' 3L F40T12EG Mag	3	130	2200	Retro 4' 3L F32T8(25W) Elect-LW(IOP)	3	58		2200	216	476.20	\$40.15
Gangamon- 204 classroom	Fluor Fixture 4' 3L F40T12EG Mag DG	6	130	2200	Retro 4' 3L F32T8(25W) Elect-LW(IOP) Dual Switch	6	59		2200	426	837.20	\$79.19
Gangamon- 205 classroom	Fluor Fixture 4' 3L F40T12EG Mag DG	9	130	2200	Retro 4' 3L F32T8(25W) Elect-LW(IOP) Dual Switch	9	59		2200	639	1,405.80	\$118.79
Gangamon- 206 classroom	Fluor Fixture 4' 3L F40T12EG Mag DG	8	130	2200	Retro 4' 3L F32T8(25W) Elect-LW(IOP) Dual Switch	8	59		2200	568	1,249.60	\$105.59
Gangamon- 207 classroom	Fluor Fixture 4' 3L F40T12EG Mag DG	3	82	2200	Retro 4' 3L F32T8(25W) Elect-LW(IOP)	3	38		2200	132	290.40	\$24.54
Gangamon- 207 classroom	Fluor Fixture 4' 3L F40T12EG Mag DG	6	130	2200	Retro 4' 3L F32T8(25W) Elect-LW(IOP) Dual Switch	6	59		2200	426	837.20	\$79.19
Gangamon- 207 classroom (15')	Fluor Fixture 4' 3L F40T12EG Mag	6	130	2200	Retro 4' 3L F32T8(25W) Elect-LW(IOP)	6	58		2200	432	950.40	\$80.31
Gangamon- 208 classroom	Fluor Fixture 4' 3L F40T12EG Mag DG	9	130	2200	Retro 4' 3L F32T8(25W) Elect-LW(IOP) Dual Switch	9	59		2200	639	1,405.80	\$118.79
Gangamon- 208 classroom (15')	Fluor Fixture 4' 3L F40T12EG Mag	6	130	2200	Retro 4' 3L F32T8(25W) Elect-LW(IOP)	6	58		2200	432	950.40	\$80.31
Gangamon- 208a classroom storage	Fluor Fixture 4' 2L F40T12EG Mag	3	82	1260	Retro 4' 2L F32T8(25W) Elect-LW(IOP)	3	38		1260	132	166.32	\$14.25

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**Lighting Upgrade Schedule 1.0**

Room Type	Hours of Operation per Year
Classrooms, Labs, Offices, Conference	2200
Storage Areas, Mechanical, Electrical	1260
Corridors, Restrooms, Lounges, Gyms, MPRs	3640
Exit Signs & Night Lights	8760

Occupancy Sensing Rooms	% Time On Reduction
Classrooms, Offices	33%
Storage Areas, Lockers	67%
Lounges, Small Hallways, Conference, Restrooms	50%

Proposal: Ameresco - Mahomet Seymour CUSD #3

Location	Existing Fixtures	Qty	Watts	Exist Op Hrs	Proposed Fixtures	Qty	Watts	New Control	Prop Op Hrs	Watts Saved	Yr KWH Savings	Yearly \$ Savings
Gangamon- 205 restroom	Fluor Fixture 4' 3L F40T12ES Mag	2	82	3640	Retro 4' 3L F32T8(25W) Elec-LW(IOP)	2	38		3640	88	320.32	\$27.07
Gangamon- 210 restroom	Fluor Fixture 4' 3L F40T12ES Mag	2	82	3640	Retro 4' 3L F32T8(25W) Elec-LW(IOP)	2	38		3640	88	320.32	\$27.07
Gangamon- 212 stairwell	Fluor Fixture 4' 3L F40T12ES Mag DG	2	82	3640	Retro 4' 3L F32T8(25W) Elec-LW(IOP)	2	38		3640	88	320.32	\$27.07
Gangamon- 213 classroom	Fluor Fixture 4' 3L F40T12ES Mag DG	8	130	2200	Retro 4' 3L F32T8(25W) Elec-LW(IOP) Dual Switch	8	59		2200	569	1,249.60	\$105.59
Gangamon- 213 classroom (14')	Fluor Fixture 4' 3L F40T12ES Mag DG	8	130	2200	Retro 4' 3L F32T8(25W) Elec-LW(IOP)	8	59		2200	576	1,267.20	\$107.00
Gangamon- 214 classroom	Fluor Fixture 4' 3L F40T12ES Mag DG	5	130	2200	Retro 4' 3L F32T8(25W) Elec-LW(IOP) Dual Switch	5	59		2200	365	791.00	\$65.99
Gangamon- 215 auditorium	Fluor Fixture 4' 3L F40T12ES Mag DG	9	130	2200	Retro 4' 3L F32T8(25W) Elec-LW(IOP) Dual Switch	9	59		2200	639	1,405.80	\$118.79
Gangamon- 216 classroom	Fluor Fixture 4' 3L F40T12ES Mag DG	6	130	2200	Retro 4' 3L F32T8(25W) Elec-LW(IOP) Dual Switch	6	59		2200	426	937.20	\$79.19
Gangamon- 216 classroom (14')	Fluor Fixture 4' 3L F40T12ES Mag DG	6	130	2200	Retro 4' 3L F32T8(25W) Elec-LW(IOP) Dual Switch	6	59		2200	426	937.20	\$79.19
Gangamon- 217 classroom	Fluor Fixture 4' 3L F40T12ES Mag DG	9	130	2200	Retro 4' 3L F32T8(25W) Elec-LW(IOP) Dual Switch	9	59		2200	639	1,405.80	\$118.79
Gangamon- 218 classroom	Fluor Fixture 4' 3L F40T12ES Mag DG	9	130	2200	Retro 4' 3L F32T8(25W) Elec-LW(IOP) Dual Switch	9	59		2200	639	1,405.80	\$118.79
Gangamon- 219 classroom	Fluor Fixture 4' 3L F40T12ES Mag DG	6	130	2200	Retro 4' 3L F32T8(25W) Elec-LW(IOP) Dual Switch	6	59		2200	426	937.20	\$79.19
Gangamon- 219 classroom (15')	Fluor Fixture 4' 3L F40T12ES Mag DG	6	130	2200	Retro 4' 3L F32T8(25W) Elec-LW(IOP)	6	59		2200	432	950.40	\$80.31
Gangamon- 220 classroom	Fluor Fixture 4' 3L F40T12ES Mag DG	6	130	2200	Retro 4' 3L F32T8(25W) Elec-LW(IOP) Dual Switch	6	59		2200	426	937.20	\$79.19
Gangamon- 220 classroom (15')	Fluor Fixture 4' 3L F40T12ES Mag DG	6	130	2200	Retro 4' 3L F32T8(25W) Elec-LW(IOP)	6	59		2200	432	950.40	\$80.31
Gangamon- 221 classroom	Fluor Fixture 4' 3L F40T12ES Mag DG	9	130	2200	Retro 4' 3L F32T8(25W) Elec-LW(IOP) Dual Switch	9	59		2200	639	1,405.80	\$118.79
Gangamon- 222 storage	Fluor Fixture 4' 2L F40T12ES Mag	2	82	1260	Retro 4' 2L F32T8(25W) Elec-LW(IOP)	2	38		1260	88	110.88	\$9.37
Gangamon- 223 classroom	Fluor Fixture 4' 3L F40T12ES Mag DG	6	130	2200	Retro 4' 3L F32T8(25W) Elec-LW(IOP) Dual Switch	6	59		2200	426	937.20	\$79.19
Gangamon- 223 classroom (15')	Fluor Fixture 4' 3L F40T12ES Mag	6	130	2200	Retro 4' 3L F32T8(25W) Elec-LW(IOP)	6	59		2200	432	950.40	\$80.31
<b>DISTRICT TOTALS -</b>											<b>97,156.50</b>	<b>\$8,209.72</b>

**Operating Cost Savings**

Operating Cost Savings include the total savings associated with repair and maintenance expenditures that are being offset by the District as a result of implementation of this project.

This is N/A for the lighting scope items on the project per discussions with the District. Long Term Operational Cost Savings were identified by Ameresco for the noted work scope items.

**Long Term Operational Cost Savings**

Long Term Operational Cost Savings include the total savings associated with reduction in deferred maintenance backlog as well as the savings resulting from future capital replacement expenditures that are being offset by the District as a result of implementation of this project.

This is N/A for the lighting scope items on the project per discussions with the District. Long Term Operational Cost Savings were identified by Ameresco for the noted work scope items.