



State of New Hampshire
DEPARTMENT OF ADMINISTRATIVE SERVICES
OFFICE OF THE COMMISSIONER
25 Capitol Street – Room 120
Concord, New Hampshire 03301

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June 12, 2018

His Excellency, Governor Christopher T. Sununu
and the Honorable Council
State House
Concord, New Hampshire 03301

REQUESTED ACTION

(1) Authorize the Department of Administrative Services to enter into a contract with Consolidated Edison Solutions, Inc., Valhalla, NY, (VC# 202287), to install energy conservation measures at twenty-eight (28) state owned buildings located in Concord. The cost to implement the various energy conservation measures is \$7,627,755. The project includes monitoring and verification for 5 years after the date of final completion. The contract will be effective upon Governor and Council approval through September 30, 2024.

(2) Further, authorize pursuant to RSA 21-I: 85, the amount of \$100,000 be approved for payment to the Division of Public Works Design and Construction (VC# 177875), for project oversight, bringing the total to \$7,727,755.

(3) Further, authorize the Department of Administrative Services to install and pay for additional energy and fossil fuel energy conservation measures with the use of any rebates or grants that may be obtained during the life of the project for a not to exceed cost of \$522,641. These energy and fossil fuel energy conservation measures are contingent on receipt of any rebates and or grants, effective upon Governor and Council approval through September 30, 2024. The rebate funds shall be deposited in the following account: Department of Administrative Services, Energy Efficiency Revolving Fund 01-14-14-144010-60470000-003-404693

Funding provided by Banc of America Public Capital Corp will be deposited into an escrow account and available to the Department of Administrative Services and the Department of Health and Human Services in SFY2019 and SFY2020 to pay Consolidated Edison Solutions, Inc. for work performed under the contract.

EXPLANATION

The Department of Administrative Services developed a Request for Proposals to implement guaranteed energy conservation measures at twenty-eight (28) state-owned buildings located in Concord. The buildings fall under the Department of Administrative Services, Bureau of General Services and Bureau of Facilities and Asset Management, and the Department of Health and Human Services. These buildings were targeted because they are major users of energy and are in the process of receiving new heating systems due to the closure of Concord Steam Corporation. Combined annual energy costs for these buildings were \$3.8 million dollars in fiscal year 2015. With the conversion away from Concord Steam to other heating sources, energy costs are expected to average just over \$2 million annually, with this contract reducing costs even further to less than \$1.5 million annually. With the installation of the energy conservation measures, the State is looking to reduce energy costs by approximately \$577,425 per year. Additional rebate funded measures could save another \$20,088 annually. These savings will be utilized to offset the cost of the measures plus interest with an average payback of 19.7 years (without the contingent projects) or 19.9 years (with the contingent projects included). In accordance with RSA 21-1:19-d the cost of the energy and fossil fuel reduction improvements must be financed within 20 years from the guaranteed energy cost savings through a performance contract and requires no upfront capital from the State.

Notification of the RFP was released on May 27, 2016 to several firms within the industry. The RFP was also posted on the Department of Administrative Services website. Bids were received from four Energy Service Companies. The RFP requested that the Energy Service Companies propose their energy saving measures for the following categories: building automated control systems, building envelope, domestic hot water systems, electric distribution systems and transformers, equipment (e.g. compressors), HVAC, lighting systems and controls, plug-load controls, premium efficiency motors and variable frequency drives, renewable energy systems, water conservation, and any additional measures identified. In accordance with Executive Order 2016-03 state agencies are required to reduce fossil fuel usage thirty percent from the base year of 2005 by 2020. To encourage this, twenty percent of the total score was based on maximizing overall energy reductions.

Proposals were submitted on October 14, 2016 from four firms. From October until December of 2016, a five member review team comprised of representatives from Administrative Services and Health and Human Services reviewed each proposal and rated them using criteria established and published in the RFP. The criteria were broken down into the following areas: 35% technical approach; 20% energy savings; 20% project costs; 10% qualifications, experience and resources; 10% management approach; and 5% presentation and responsiveness to the RFP. Based on the evaluation criteria, Consolidated Edison Solutions, Inc. was chosen as the highest ranking proposal.

In December 2016, the team worked with the selected vendor to fine tune the items that were to be included in the investment grade audit (IGA) and draft the eventual contract. Based on the results of the RFP, the Governor and Council approved a contract

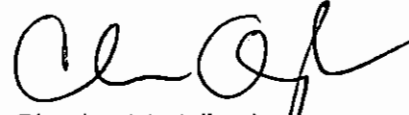
on December 21, 2016, item #74 with Consolidated Edison Solutions, Inc. to complete an IGA. Consolidated Energy Solutions was required to conduct an IGA or detailed audit and guarantee a minimum of 85% of the energy and fossil fuel savings that they submitted in their original proposal. During the IGA, Consolidated Energy Solutions worked with the Department of Administrative Services to fine tune the energy saving initiatives that are further described in Exhibit 1. This resulted in a reduction of 30,563,400 kBtus.

Consolidated Edison Solutions conducted a detailed audit or IGA of the twenty-eight state owned buildings from January to June of 2017. The results of the IGA were submitted to the state on July 7, 2017. The state then worked with Consolidated Energy Solutions to develop the scope of work and specifications that are included in this contract to install the actual energy saving measures. The proposed contract was completed in May of 2018 awaiting financing by the Treasury Department.

This is a complete turnkey project with Consolidated Edison Solutions providing design, construction and commissioning of the energy saving initiatives. The cost for the energy saving initiatives (Requested Action #1) totals \$7,727,755 and is detailed in Exhibit B. This cost includes \$100,000 for the Bureau of Public Works Design and Construction to oversee the project as well as \$112,949 for Consolidated Edison Solutions, Inc., to provide measure and verification (M&V) services for 5 years after completion of the project. Energy savings are being guaranteed for five years after the final acceptance of the project. In accordance with RSA 21-1: 19-d, the cost of the energy conservation measures will be financed through a separate financing agreement with Banc of America Public Capital Corp through the State Treasurer and paid back with energy cost savings over a period 19.7 years.

Requested Action #3 is for additional energy saving initiatives that will be paid from any rebates and or grants that we may receive as part of this project. The initiatives are further described in Exhibit #1. We are anticipating \$522,641 in rebates from the electric and natural gas utilities. If the rebates and or grant do not materialize we will not move forward with these energy saving initiatives.

Respectfully submitted,



Charles M. Arlinghaus
Commissioner

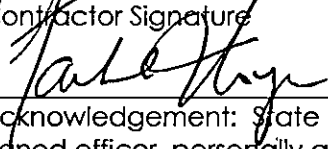
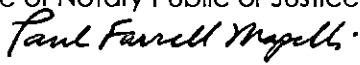


Notice: This agreement and all of its attachments shall become public upon submission to Governor and Executive Council for approval. Any information that is private, confidential or proprietary must be clearly identified to the agency and agreed to in writing prior to signing the contract.

AGREEMENT

The State of New Hampshire and the Contractor hereby mutually agree as follows:

GENERAL PROVISIONS

1. IDENTIFICATION.

1.1 State Agency Name Department of Administrative Services		1.2 State Agency Address 25 Capitol Street, Concord, NH 03301	
1.3 Contractor Name Consolidated Edison Solutions, Inc.		1.4 Contractor Address 100 Summit Lake Drive, Suite 410 Valhalla, NY 10595	
1.5 Contractor Phone Number (781) 203-2705	1.6 Account Number	1.7 Completion Date September 30, 2024	1.8 Price Limitation \$8,250,396
1.9 Contracting Officer for State Agency Karen Rantanen		1.10 State Agency Telephone Number (603) 271-2698	
1.11 Contractor Signature 		1.12 Name and Title of Contractor Signatory Mark Noyes, President and CEO	
1.13 ^v Acknowledgement: State of <u>New York</u> , County of <u>Westchester</u> , On <u>May 10, 2018</u> , before the undersigned officer, personally appeared the person identified in block 1.12, or satisfactorily proven to be the person whose name is signed in block 1.11, and acknowledged that s/he executed this document in the capacity indicated in block 1.12.			
1.13.1 Signature of Notary Public or Justice of the Peace  [Seal]		PAUL FARRELL MAPELLI Notary Public, State of New York No. 02MA4967056 Qualified in Rockland County Commission Expires May 21, 20 <u>22</u>	
1.13.2 Name and Title of Notary or Justice of the Peace Paul Farrell Mapelli, Notary Public			
1.14 State Agency Signature 		1.15 Name and Title of State Agency Signatory Charles M. Arlinghaus, Commissioner	
Date: <u>6/12/18</u>			
1.16 Approval by the N.H. Department of Administration, Division of Personnel (if applicable) By: _____ Director, On: _____			
1.17 Approval by the Attorney General (Form, Substance and Execution) (if applicable) By:  On: <u>6/14/2018</u>			
1.18 Approval by the Governor and Executive Council By: _____ On: _____			

2. EMPLOYMENT OF CONTRACTOR/SERVICES TO BE PERFORMED. The State of New Hampshire, acting through the agency identified in block 1.1 ("State"), engages contractor identified in block 1.3 ("Contractor") to perform, and the Contractor shall perform, the work or sale of goods, or both, identified and more particularly described in the attached EXHIBIT A which is incorporated herein by reference ("Services").

3. EFFECTIVE DATE/COMPLETION OF SERVICES.

3.1 Notwithstanding any provision of this Agreement to the contrary, and subject to the approval of the Governor and Executive Council of the State of New Hampshire, if applicable, this Agreement, and all obligations of the parties hereunder, shall become effective on the date the Governor and Executive Council approve this Agreement as indicated in block 1.18, unless no such approval is required, in which case the Agreement shall become effective on the date the Agreement is signed by the State Agency as shown in block 1.14 ("Effective Date").

3.2 If the Contractor commences the Services prior to the Effective Date, all Services performed by the Contractor prior to the Effective Date shall be performed at the sole risk of the Contractor, and in the event that this Agreement does not become effective, the State shall have no liability to the Contractor, including without limitation, any obligation to pay the Contractor for any costs incurred or Services performed. Contractor must complete all Services by the Completion Date specified in block 1.7.

4. CONDITIONAL NATURE OF AGREEMENT. Notwithstanding any provision of this Agreement to the contrary, all obligations of the State hereunder, including, without limitation, the continuance of payments hereunder, are contingent upon the availability and continued appropriation of funds, and in no event shall the State be liable for any payments hereunder in excess of such available appropriated funds. In the event of a reduction or termination of appropriated funds, the State shall have the right to withhold payment until such funds become available, if ever, and shall have the right to terminate this Agreement immediately upon giving the Contractor notice of such termination. The State shall not be required to transfer funds from any other account to the Account identified in block 1.6 in the event funds in that Account are reduced or unavailable.

5. CONTRACT PRICE/PRICE LIMITATION/ PAYMENT.

5.1 The contract price, method of payment, and terms of payment are identified and more particularly described in EXHIBIT B which is incorporated herein by reference.

5.2 The payment by the State of the contract price shall be the only and the complete reimbursement to the Contractor for all expenses, of whatever nature incurred by the Contractor in the performance hereof, and shall be the only and the complete compensation to the Contractor for the Services. The State shall have no liability to the Contractor other than the contract price.

5.3 The State reserves the right to offset from any amounts otherwise payable to the Contractor under this Agreement those liquidated amounts required or permitted by N.H. RSA 80:7 through RSA 80:7-c or any other provision of law.

5.4 Notwithstanding any provision in this Agreement to the contrary, and notwithstanding unexpected circumstances, in no event shall the total of all payments authorized, or actually made hereunder, exceed the Price Limitation set forth in block 1.8.

6. COMPLIANCE BY CONTRACTOR WITH LAWS AND REGULATIONS/ EQUAL EMPLOYMENT OPPORTUNITY.

6.1 In connection with the performance of the Services, the Contractor shall comply with all statutes, laws, regulations, and orders of federal, state, county or municipal authorities which impose any obligation or duty upon the Contractor, including, but not limited to, civil rights and equal opportunity laws. This may include the requirement to utilize auxiliary aids and services to ensure that persons with communication disabilities, including vision, hearing and speech, can communicate with, receive information from, and convey information to the Contractor. In addition, the Contractor shall comply with all applicable copyright laws.

6.2 During the term of this Agreement, the Contractor shall not discriminate against employees or applicants for employment because of race, color, religion, creed, age, sex, handicap, sexual orientation, or national origin and will take affirmative action to prevent such discrimination.

6.3 If this Agreement is funded in any part by monies of the United States, the Contractor shall comply with all the provisions of Executive Order No. 11246 ("Equal Employment Opportunity"), as supplemented by the regulations of the United States Department of Labor (41 C.F.R. Part 60), and with any rules, regulations and guidelines as the State of New Hampshire or the United States issue to implement these regulations. The Contractor further agrees to permit the State or United States access to any of the Contractor's books, records and accounts for the purpose of ascertaining compliance with all rules, regulations and orders, and the covenants, terms and conditions of this Agreement.

7. PERSONNEL.

7.1 The Contractor shall at its own expense provide all personnel necessary to perform the Services. The Contractor warrants that all personnel engaged in the Services shall be qualified to perform the Services, and shall be properly licensed and otherwise authorized to do so under all applicable laws.

7.2 Unless otherwise authorized in writing, during the term of this Agreement, and for a period of six (6) months after the Completion Date in block 1.7, the Contractor shall not hire, and shall not permit any subcontractor or other person, firm or corporation with whom it is engaged in a combined effort to perform the Services to hire, any person who is a State employee or official, who is materially involved in the procurement, administration or performance of this Agreement. This provision shall survive termination of this Agreement.

7.3 The Contracting Officer specified in block 1.9, or his or her successor, shall be the State's representative. In the event of any dispute concerning the interpretation of this Agreement, the Contracting Officer's decision shall be final for the State.

8. EVENT OF DEFAULT/REMEDIES.

8.1 Any one or more of the following acts or omissions of the Contractor shall constitute an event of default hereunder ("Event of Default"):

8.1.1 failure to perform the Services satisfactorily or on schedule;

8.1.2 failure to submit any report required hereunder; and/or

8.1.3 failure to perform any other covenant, term or condition of this Agreement.

8.2 Upon the occurrence of any Event of Default, the State may take any one, or more, or all, of the following actions:

8.2.1 give the Contractor a written notice specifying the Event of Default and requiring it to be remedied within, in the absence of a greater or lesser specification of time, thirty (30) days from the date of the notice; and if the Event of Default is not timely remedied, terminate this Agreement, effective two (2) days after giving the Contractor notice of termination;

8.2.2 give the Contractor a written notice specifying the Event of Default and suspending all payments to be made under this Agreement and ordering that the portion of the contract price which would otherwise accrue to the Contractor during the period from the date of such notice until such time as the State determines that the Contractor has cured the Event of Default shall never be paid to the Contractor;

8.2.3 set off against any other obligations the State may owe to the Contractor any damages the State suffers by reason of any Event of Default; and/or

8.2.4 treat the Agreement as breached and pursue any of its remedies at law or in equity, or both.

9. DATA/ACCESS/CONFIDENTIALITY/ PRESERVATION.

9.1 As used in this Agreement, the word "data" shall mean all information and things developed or obtained during the performance of, or acquired or developed by reason of, this Agreement, including, but not limited to, all studies, reports, files, formulae, surveys, maps, charts, sound recordings, video recordings, pictorial reproductions, drawings, analyses, graphic representations, computer programs, computer printouts, notes, letters, memoranda, papers, and documents, all whether finished or unfinished.

9.2 All data and any property which has been received from the State or purchased with funds provided for that purpose under this Agreement, shall be the property of the State, and shall be returned to the State upon demand or upon termination of this Agreement for any reason.

9.3 Confidentiality of data shall be governed by N.H. RSA chapter 91-A or other existing law. Disclosure of data requires prior written approval of the State.

10. TERMINATION. In the event of an early termination of this Agreement for any reason other than the completion of the Services, the Contractor shall deliver to the Contracting Officer, not later than fifteen (15) days after the date of termination, a report ("Termination Report") describing in detail all Services performed, and the contract price earned, to and including the date of termination. The form, subject matter, content, and number of copies of the Termination Report shall be identical to those of any Final Report described in the attached EXHIBIT A.

11. CONTRACTOR'S RELATION TO THE STATE. In the performance of this Agreement the Contractor is in all respects an independent contractor, and is neither an agent nor an employee of the State. Neither the Contractor nor any of its officers, employees, agents or members shall have authority to bind the State or receive any benefits, workers' compensation or other emoluments provided by the State to its employees.

12. ASSIGNMENT/DELEGATION/SUBCONTRACTS. The Contractor shall not assign, or otherwise transfer any interest in this Agreement without the prior written notice and consent of the State. None of the Services shall be subcontracted by the Contractor without the prior written notice and consent of the State.

13. INDEMNIFICATION. The Contractor shall defend, indemnify and hold harmless the State, its officers and employees, from and against any and all losses suffered by the State, its officers and employees, and any and all claims, liabilities or penalties asserted against the State, its officers and employees, by or on behalf of any person, an account of, based or resulting from, arising out of (or which may be claimed to arise out of) the acts or omissions of the Contractor. Notwithstanding the foregoing, nothing herein contained shall be deemed to constitute a waiver of the sovereign immunity of the State, which immunity is hereby reserved to the State. This covenant in paragraph 13 shall survive the termination of this Agreement.

14. INSURANCE.

14.1 The Contractor shall, at its sole expense, obtain and maintain in force, and shall require any subcontractor or assignee to obtain and maintain in force, the following insurance:

14.1.1 comprehensive general liability insurance against all claims of bodily injury, death or property damage, in amounts of not less than \$1,000,000 per occurrence and \$2,000,000 aggregate; and

14.1.2 special cause of loss coverage form covering all property subject to subparagraph 9.2 herein, in an amount not less than 80% of the whole replacement value of the property.

14.2 The policies described in subparagraph 14.1 herein shall be on policy forms and endorsements approved for use in the State of New Hampshire by the N.H. Department of Insurance, and issued by insurers licensed in the State of New Hampshire.

14.3 The Contractor shall furnish to the Contracting Officer identified in block 1.9, or his or her successor, a certificate(s) of insurance for all insurance required under this Agreement. Contractor shall also furnish to the Contracting Officer identified in block 1.9, or his or her successor, certificate(s) of insurance for all renewal(s) of insurance required under this Agreement no later than thirty (30) days prior to the expiration date of each of the insurance policies. The certificate(s) of insurance and any renewals thereof shall be attached and are incorporated herein by reference. Each certificate(s) of insurance shall contain a clause requiring the insurer to provide the Contracting Officer identified in block 1.9, or his or her successor, no less than thirty (30) days prior written notice of cancellation or modification of the policy.

15. WORKERS' COMPENSATION.

15.1 By signing this agreement, the Contractor agrees, certifies and warrants that the Contractor is in compliance with or exempt from, the requirements of N.H. RSA chapter 281-A ("*Workers' Compensation*").

15.2 To the extent the Contractor is subject to the requirements of N.H. RSA chapter 281-A, Contractor shall maintain, and require any subcontractor or assignee to secure and maintain, payment of Workers' Compensation in connection with activities which the person proposes to undertake pursuant to this Agreement. Contractor shall furnish the Contracting Officer identified in block 1.9, or his or her successor, proof of Workers' Compensation in the manner described in N.H. RSA chapter 281-A and any applicable renewal(s) thereof, which shall be attached and are incorporated herein by reference. The State shall not be responsible for payment of any Workers' Compensation premiums or for any other claim or benefit for Contractor, or any subcontractor or employee of Contractor, which might arise under applicable State of New Hampshire Workers' Compensation laws in connection with the performance of the Services under this Agreement.

16. WAIVER OF BREACH. No failure by the State to enforce any provisions hereof after any Event of Default shall be deemed a waiver of its rights with regard to that Event of Default, or any subsequent Event of Default. No express failure to enforce any Event of Default shall be deemed a waiver of the right of the State to enforce each and all of the provisions hereof upon any further or other Event of Default on the part of the Contractor.

17. NOTICE. Any notice by a party hereto to the other party shall be deemed to have been duly delivered or given at the time of mailing by certified mail, postage prepaid, in a United States Post Office addressed to the parties at the addresses given in blocks 1.2 and 1.4, herein.

18. AMENDMENT. This Agreement may be amended, waived or discharged only by an instrument in writing signed by the parties hereto and only after approval of such amendment, waiver or discharge by the Governor and Executive Council of the State of New Hampshire unless no such approval is required under the circumstances pursuant to State law, rule or policy.

19. CONSTRUCTION OF AGREEMENT AND TERMS. This Agreement shall be construed in accordance with the laws of the State of New Hampshire, and is binding upon and inures to the benefit of the parties and their respective successors and assigns. The wording used in this Agreement is the wording chosen by the parties to express their mutual intent, and no rule of construction shall be applied against or in favor of any party.

20. THIRD PARTIES. The parties hereto do not intend to benefit any third parties and this Agreement shall not be construed to confer any such benefit.

21. HEADINGS. The headings throughout the Agreement are for reference purposes only, and the words contained therein shall in no way be held to explain, modify, amplify or aid in the interpretation, construction or meaning of the provisions of this Agreement.

22. SPECIAL PROVISIONS. Additional provisions set forth in the attached EXHIBIT C are incorporated herein by reference.

23. SEVERABILITY. In the event any of the provisions of this Agreement are held by a court of competent jurisdiction to be contrary to any state or federal law, the remaining provisions of this Agreement will remain in full force and effect.

24. ENTIRE AGREEMENT. This Agreement, which may be executed in a number of counterparts, each of which shall be deemed an original, constitutes the entire Agreement and understanding between the parties, and supersedes all prior Agreements and understandings relating hereto.

Exhibit 1a: Contingent Project List for ESPC - 28 Buildings in Concord

GROUP	BUILDING	DESCRIPTION	COST	Savings	Simple Payback (years)
Group A	Annex SOPS	Electric submeter (Steam mtr incl. in heating project)	\$8,009	\$0	
Group A	Laundry	Electric submeter	\$7,561	\$0	
Group A	Paint & Carpentry	Electric submeter	\$7,616	\$0	
Group A	Grounds Shop	Electric submeter	\$7,235	\$0	
Group A	Main/Annex/Thayer	Additional steam traps / insulation	\$29,457	\$1,900	
Group A	Annex SOPS	Water Conservation	\$4,021	\$177	
Group A	Howard Rec	Water Conservation	\$6,518	\$80	
Group A	Thayer	Water Conservation	\$51,639	\$1,991	
Group A	Brown Building	Water Conservation	\$17,869	\$581	
Group A	Thayer	Add to ceiling insulation over 3rd floor	\$21,264	\$1,058	
Group A	Brown Building	Upgrade from lighting retrofits to new fixtures	\$142,111	\$7,163	
			\$303,302	\$12,950	
Base Grp A ECMs from Database			\$5,813,235	\$294,696	19.73
Combined Base & Contingent ECMs and Savings			\$6,116,537	\$307,646	19.88
Group B	Statehouse Annex	Transformer	\$6,498	\$249	
Group B	Statehouse	Electric submeter (steam mtr incl. in heating project)	\$9,433	\$0	
Group B	Statehouse	Additional building envelope improvements	\$17,771	\$1,045	
Group B	Records and Archives	upgrade from lighting retrofits to new fixtures	\$34,296	\$1,617	
Group B	M&S	upgrade from lighting retrofits to new fixtures (Best 20%)	\$26,216	\$754	
Group B	Statehouse	Energy education/training	\$33,492	\$0	
			\$127,705	\$3,665	
Base Grp B ECMs from Database			\$3,404,969	\$173,410	19.64
Combined Base & Contingent ECMs and Savings			\$3,532,675	\$177,075	19.95
Group C	Philbrook	Additional BMS repair	\$4,149		
Group C	Philbrook	Upgrade from lighting retrofits to new fixtures (Best 10%)	\$7,982	\$443	
			\$12,131	\$443	
Base Grp C ECMs from Database			\$179,226	\$9,188	19.51
Combined Base & Contingent ECMs and Savings			\$191,357	\$9,631	19.87

GROUP	BUILDING	DESCRIPTION	COST	Savings	Simple Payback (years)
Group D	DOJ	Building envelope Weatherstripping & door sweeps. Improve seals for roof top ventilators.	\$2,937	\$123	
Group D	DOJ	Upgrade from lighting retrofits to new fixtures (Best 10%)	\$10,041	\$476	
Base Grp D ECMs from Database			\$12,978	\$599	
Base Grp D ECMs from Database			\$419,429	\$21,077	19.90
Combined Base & Contingent ECMs and Savings			\$432,407	\$21,675	19.95
Group E	Twitchell	Electric submeter (steam/HW submeter incl in Heating proj)	\$9,428	\$0	
Group E	Pond Place	Building envelope	\$6,211	\$441	
Base Grp E ECMs from Database			\$15,639	\$441	
Base Grp E ECMs from Database			\$549,133	\$27,851	19.72
Combined Base & Contingent ECMs and Savings			\$564,772	\$28,292	19.96
Group F	Johnson	Upgrade from lighting retrofits to new fixtures (Best 20%)	\$10,042	\$359	
Base Grp F ECMs from Database			\$10,042	\$359	
Base Grp F ECMs from Database			\$170,972	\$8,721	19.60
Combined Base & Contingent ECMs and Savings			\$181,014	\$9,080	19.94
Group G	Londergan	Upgrade BMS scope	\$4,885	\$270	
Group G	Londergan	Steam valve insulation	\$3,125	\$276	
Group G	Londergan	Upgrade from lighting retrofits to new fixtures (Best 10%)	\$8,875	\$221	
Base Grp G ECMs from Database			\$16,885	\$767	
Base Grp G ECMs from Database			\$173,232	\$8,792	19.70
Combined Base & Contingent ECMs and Savings			\$190,117	\$9,559	19.89
Group H	64 South Street	Upgrade from lighting retrofits to new fixtures (Best 20%)	\$11,131	\$391	
Base Grp H ECMs from Database			\$11,131	\$391	
Base Grp H ECMs from Database			\$295,398	\$15,031	19.65
Combined Base & Contingent ECMs and Savings			\$306,529	\$15,422	19.88

GROUP	BUILDING	DESCRIPTION	COST	Savings	Simple Payback (years)
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Group I	Spaulding	Upgrade from lighting retrofits to new fixtures (Best 10%)	\$6,206	\$214	
			\$6,206	\$214	
Base Grp I ECMs from Database			\$217,115	\$11,050	19.65
Combined Base & Contingent ECMs and Savings			\$223,321	\$11,264	19.83

Group J	Storrs Warehouse	R2 to N4 upgrade / add'l RCx	\$6,622	\$260	
			\$6,622	\$260	
Base Grp J ECMs from Database			\$149,726	\$7,610	19.67
Combined Base & Contingent ECMs and Savings			\$156,348	\$7,870	19.87

Total Contingent Project Scope: \$522,641

Exhibit 2

Guaranteed Energy Savings, Measure and Verification Plan, and Commissioning

The Contractor shall complete the following energy conservation measures (ECMs) and guarantee the energy unit savings as detailed in the Detailed Feasibility Study in the amounts listed in Exhibit 1. Guaranteed Cost Savings are based on the guaranteed energy unit savings multiplied by the base line rates defined herein.

(See Exhibit 1: Form E-2)

Baseline Energy Use

(See Attachment A, FY15 Baseline Energy Use Data)

Preliminary Measurement and Verification Plan

Part 1: Savings Measurement and Verification

Measurement and verification (M&V) allows the State to determine whether the savings projected in the Investment Grade Audit (IGA) are achieved. The M&V is based on the International Performance Measurement and Verification Protocol (IPMVP). The M&V plan identifies how energy savings generated by each installed energy conservation measure (ECM) will be measured. This section explains standard terminology associated with M&V, the M&V protocols that will be used to determine whether projected energy savings are achieved, and M&V reporting. The M&V plan and annual reporting will be in place for the duration of the contract.

Standard Terminology

Baseline refers to the amount of energy and/or energy costs, equipment conditions and operations, before installation of the respective ECMs of the project.

Pre-installation period occurs after the pre-award development and continues until all ECMs are installed.

Post-installation period starts after the completion of the pre-installation period and continues until the ECMs are accepted by the State.

Performance period begins after the ECMs are accepted by the State and lasts until the contract terminates.

Part 2: Post-Installation Measurement and Verification

Measurement and verification strategies are based on IPMVP Option A, Retrofit Isolation, or B, Measured Retrofit Isolation, as specified in the NH DAS RFP #2016-185. Engineering calculations of the savings are based on key parameters that are measured and/or verified as well as parameters that are estimated such as historical data, industry standard engineering values, typical operating hours, or manufacturer's equipment specifications.

M&V Protocols

The standard M&V protocols are described below.

Option A - Retrofit Isolation: Savings are predicted using engineering or statistical methods that do not involve short-term or long-term measurements.

Option B – Measured Retrofit Isolation: Involves short-term, spot measurements, or continuous metering, which may be used as inputs to savings models. Measurements occur during any phase of the project, from pre-award development through the performance period, to determine energy consumption. Measurements are taken at the device or system level.

The table on the following page shows the M&V Options to be used for each ECM.

IPMVP Methods Used to Measure Savings

Table 1: M&V Plan Summary

Measure IDs	Measure ID Category	IPMVP M&V Protocol	M&V Description
	Lighting Upgrades	A	No metering. Inspection of sampling of fixtures, lamps, ballasts, and controls to confirm equipment types & wattages are per the scope of work. <u>Fixture watts</u> Existing: stipulated based on existing fixtures New: Verified in field using manufacturers' data <u>Hours of use</u> Existing: Stipulated based on existing State of NH operating hours New: Same as existing operating hours
	HVAC	B	Field inspection of representative sampling of dampers, actuators, and valves will verify equipment has been installed and commissioned as per the scope. Document parameters through short-term (1 week) trend-logging of a sampling of points. Engineering methods used to calculate savings.

Measure IDs	Measure ID Category	IPMVP M&V Protocol	M&V Description
	Building Controls and Monitoring	B	Review operating schedules and set points to verify that these parameters are programmed as per the scope of work; document parameters through short-term (1 week) trend-logging of a sampling of points. Engineering methods used to calculate savings.
	Motors and VFDs	B	Verification of proper installation and operation during commissioning phase. Verify post-installation HP and efficiency. Document parameters through short-term (1 week) trend-logging of a sampling of data points. Engineering methods used to calculate savings.
	Building Envelope	A	Engineering methods used to calculate savings. Verification of proper installation and operation during commissioning phase.
	Renewable Energy Systems	A	Verification of proper installation and operation of representative samples of PV modules and inverters during commissioning phase. Engineering methods used to calculate savings.
	Additional Measures	A	<p>Engineering methods used to calculate savings. Verification of proper installation and operation of representative samples of toilets, urinals, aerators, and flushometers during commissioning phase.</p> <p>Manufacturer to test new transformers at same conditions as on-site load tests of baseline transformers. After installation, verify that representative samples of transformers are installed per the scope of work and remain in good condition. Engineering methods used to calculate savings.</p>

Part 3: Annual M&V Reporting

The M&V report will be submitted approximately one year after construction. The M&V Report will conform to the following outline:

1. Executive Summary & Project Background
2. Project and ECM Description
3. Proposed & Verified Energy Savings for the Performance Period
4. Savings Adjustments
5. O & M Oversight
6. Utility Price Data for Current Year
7. Verified Savings

Methodology for Calculation of Baseline Energy Consumption

The baseline natural gas consumption in Attachment A is based upon estimates of natural gas use based on actual district steam bills (Fiscal Year 2015) with adjustments made in consideration of new natural gas heating systems being installed. The steam usage from FY14 and FY15 was provided for reference during the RFP phase. FY15 represents typical historic steam use.

The baseline electric consumption in Attachment A is based upon a recent year of electric bills (Fiscal Year 2015) provided by the State and included in the Initial Proposal.

Method of determining guaranteed energy unit and cost savings

Calculations of energy savings for lighting, energy management control system upgrades, HVAC and boilers, building envelope, motors and VFDs, renewable and other additional ECMs were done using bin models based on ASHRAE methods and/or using other spreadsheet calculation methods. All energy calculation models showing the proposed annual verification of actual energy savings, for purposes of showing annual achievement of guaranteed savings requirements, are attached by reference as Appendix B and incorporated herein by reference. These models utilize specific, identified equipment operating parameter inputs that will be measured and used to calculate actual energy unit savings, based upon typical 30-year meteorological weather data for the Concord, NH area. Cost savings shall be calculated using the above actual energy unit savings multiplied by stipulated utility rates applicable to each Service Phase year.

Utility Rates

The following rates were used for calculating baseline energy costs and energy cost savings. All rates are incremental costs excluding fixed monthly charges. The State has also stipulated use of \$258.18 per ton of wood pellets and \$1.59 per gallon of biodiesel (B99).

Baseline Utility Rates are included in Attachment A. These shall be used to calculate savings throughout the entire contract term.

Table 2: Stipulated Hours of Operation

Standard Hours of Operation

Department/Bureau	Building	Address	Base Hours of Operation
DAS, General Services	Department of Justice	33 Capitol Street	M-F 7:00am to 5:00pm Housekeeping 5:00pm to 11:00pm
DAS, General Services	Johnson Hall	107 Pleasant Street	M-F 7:00am to 5:00pm Housekeeping 5:00pm to 11:00pm
DAS, General Services	Legislative Office Building	33 North State Street	M-F 7:00am to 5:00pm Housekeeping 5:00pm to 11:00pm
DAS, General Services	Londergan Hall	101 Pleasant Street	M-F 7:00am to 5:00pm Housekeeping 5:00pm to 11:00pm
DAS, General Services	M&S Building	109 Pleasant Street	M-F 7:00am to 5:00pm Housekeeping 5:00pm to 11:00pm
DAS, General Services	Records & Archives	71 South Fruit Street	M-F 7:30am to 4:30pm Housekeeping 4:30pm to 7:00pm
DAS, General Services	Revenue Administration	64 South Street	M-F 7:00am to 5:00pm Housekeeping 5:00pm to 11:00pm
DAS, General Services	Spaulding Hall	95 Pleasant Street	M-F 7:00am to 5:00pm Housekeeping 5:00pm to 11:00pm
DAS, General Services	State House	107 North Main Street	M-F 7:00am to 5:00pm Housekeeping 5:00pm to 11:00pm
DAS, General Services	State House Annex	25 Capitol Street	M-F 7:00am to 5:00pm Housekeeping 5:00pm to 11:00pm
DAS, General Services	State Library	20 Park Street	M-F 7:00am to 5:00pm Housekeeping 5:00pm to 11:00pm
DAS, General Services	Storrs Street Warehouse	12 Hills Ave	M-F 7:00am to 5:00pm Housekeeping 5:00pm to 11:00pm
DAS, General Services	Upham Walker House	18 Park Street	Infrequent, weekdays as scheduled
DAS, BFAM	Annex – SOPS	105 ½ Pleasant	M-F 7:00am to 5:00pm

		Street	Housekeeping until 10:00pm
DAS, BFAM	Brown Building	129 Pleasant Street	M-F 7:00am to 5:00pm Housekeeping until 10:00pm
DAS, BFAM	Dolloff Building	117 Pleasant Street	M-F 7:00am to 5:00pm Housekeeping until 10:00pm
DAS, BFAM	Grounds Shop	79 South Fruit Street	M-F 6:00am to 3:30pm
DAS, BFAM	Main Building	105 Pleasant Street	M-F 7:00am to 5:00pm Housekeeping until 10:00pm
DAS, BFAM	NH Hospital Laundry	127 Pleasant Street	M-F 6:00am to 4:00pm
DAS, BFAM	NHH Warehouse	Pleasant Street	Not occupied, storage only
DAS, BFAM	Paint & Carpentry Shops	Pleasant Street	M-F 6:00am to 3:30pm
DAS, BFAM	Philbrook Building	121 South Fruit Street	M-F 7:00am to 4:30pm Housekeeping until 10:00pm Hearings can occur until 9:00pm and on weekends
DAS, BFAM	Thayer Hall	97 Pleasant Street	M-F 7:00am to 5:00pm Housekeeping until 10:00pm
DAS, BFAM	Transportation Garage	127A Pleasant Street	M-F 7:00am to 3:30pm
DHHS, NH Hospital	Howard Recreation Building	99 Pleasant Street	8:00am to 4:00pm, plus by appointment
DHHS, NH Hospital	Liberty House	119 Pleasant Street	M-F 7:00am to 3:30pm Housekeeping until 9:00pm
DHHS, NH Hospital	Pond Place	125 Pleasant Street	4:00pm to 8:00am
DHHS, NH Hospital	Twitchell Hall	111 Pleasant Street	4:00pm to 8:00am

Table 3: M&V Services to be Performed Annually (Subject to Renewals of M&V Contract)**Metering and Verification Services**

Task	Hours per Task	Task Frequency	Annual Hours	Annual Labor	Annual Expenses	Total Expenses
1. Remote access verification of setpoints, schedules, air flows, sequences, VFDs	40	1 per year	40	\$5,589		\$5,589
2. Site Visits for efficiency testing, override inspection, sensor verifications, other spot measurements	40	1 per year	40	\$5,589	\$600	\$6,189
3. Summarize building model inputs vs. observed parameters; note observed O&M issues	32	1 per year	32	\$4,471		\$4,471
4. Prepare M&V Report	24	1 per year	24	\$3,353		\$3,353
5. Management Review of M&V	8	1 per year	8	\$1,118		\$1,118
6. Presentations of M&V Report to NH DAS	8	1 per year	8	<u>\$1,118</u>	\$751	<u>\$1,869</u>
			152		Total Services	\$22,590

Total for 5-year M&V Services: \$112,949

Performance Guarantee

Energy unit savings shall be the basis of the guaranteed performance guarantee, and guaranteed cost savings are extrapolated from the energy unit savings and baseline utility costs. Since energy costs fluctuate, the Contractor must meet the guaranteed annual energy unit savings as a requirement of the performance guarantee. Under no circumstances shall guaranteed cost savings be utilized as the sole condition for meeting the performance guarantee. All savings shall be calculated using the energy costs listed above in the tables and no inflation or escalation of costs shall be allowed.

The Contractor guarantees the energy unit savings shown in Exhibit 1, as measured according to the agreed-upon Measurement and Verification plan above. The associated cost savings are determined by multiplying the energy unit savings by the stipulated utility rates shown in Attachment A, above. The same utility rates are used for baseline energy use and for all service phase years.

If the actual savings to the State, as measured according to the agreed-upon Measurement and Verification plan, does not equal or exceed the guaranteed energy savings stated herein, the Contractor shall pay the State the difference between its guaranteed amount of savings and the actual savings achieved, multiplying such shortfall in guaranteed savings by the agreed-upon utility price in the year of such shortfall. Excess annual energy and cost savings obtained by the

State beyond the Contractor's annual guarantee shall not be used as a credit by the Contractor in any previous or subsequent years of the contract term and shall not be applied for any shortfall in guaranteed energy or cost savings during the contract term. All energy unit and cost savings derived from the implementation of the Project shall be retained by the State and shall not be shared in any capacity.

Commissioning

During the construction phase of the project the Contractor shall prepare a Commissioning (Cx) Plan for review by the State. The finalized Cx Plan will outline the scope of work, objectives, organization, schedule, documentation requirements, and testing procedures for each ECM. The State facility personnel shall be allowed and encouraged to participate in any or all phases of the Cx process.

As part of commissioning, Contractor shall ensure that the building systems perform interactively according to the design intent and the State's operational needs. The commissioning process shall begin during the design phase and the Contractor shall document the design intent continuing through construction, acceptance, and the warranty period with actual M&V of performance, Operations and Maintenance, and training of maintenance personnel. The Contractor shall perform these tasks directly on all ECMs it installs as general contractor and shall work with the State to assure that each vendor properly provides these services. The objectives of the commissioning plan are as follows:

Design Phase

During the design phase the Contractor shall work with the engineer of record to ensure clear and complete design intent documentation is developed and commissioning-focused design reviews are conducted. The Contractor shall work with all subcontractors to include the same level of commissioning and ensure that they fulfill the requirements of the commissioning plan.

Construction Phase

During the construction phase the Contractor shall work with subcontractors to ensure that the design intent is being met. The Contractor shall ensure that all equipment documentation is obtained and installation, start-up guidelines, etc. are met. The Contractor shall also ensure that 1) installation check-out, 2) pre-functional testing, 3) functional performance testing and 4) global functional test procedures are followed and the proper documentation is maintained.

Post Construction Phase

During the post-construction phase, the Contractor shall update and organize all equipment manuals, and provide 6 complete sets to the operations staff and others as required. The Contractor shall confirm thorough performance of step-by-step operational testing of all equipment to certify that the equipment performs according to design intent. State agency maintenance personnel shall be allowed to participate in this process as part of their hands-on training. The Contractor shall provide Operations and Maintenance manuals on all equipment and discuss the contents during training. The Contractor shall also provide information documenting the commissioning process in the project submittals to the State for future reference and ongoing commissioning.

Exhibit 3

Operation and Maintenance Services, Training

The following summarizes Operation and Maintenance Service (O&M) responsibilities for the State and the Contractor during construction close-out as well as during the service phase (also known as the 'second phase' under Exhibit A) of this project.

1.1 Operations

The State will perform all operations of installed equipment.

The Contractor shall provide training and operations manuals during the construction close-out phase of the project. Periodic verification and oversight of optimal operation of equipment will be provided during the first year following the Final Acceptance of the Project. During this period the Contractor shall communicate any deviations in the performance of the equipment observed while performing the M&V tasks described in Exhibit 2 that could affect potential energy savings.

1.2 Preventive Maintenance

The State will perform all preventive maintenance of installed equipment to maintain operational performance throughout the Term of the contract.

The Contractor shall provide training, operations manuals, preventive maintenance requirements and schedules, during the construction close-out phase of the work. During the first year following Final Acceptance of the work, the Contractor shall communicate any deviations in the preventative maintenance or performance of the equipment observed while performing the M&V tasks described in Exhibit 2 that could affect potential energy savings in writing via the M&V report, to the State.

1.3 Equipment Repair and Replacement

Except for the warranty period for each ECM, the State will perform all equipment repair and replacement throughout the Term of the contract to maintain operational performance throughout the term.

The Contractor shall provide periodic verification and oversight of optimal maintenance of equipment observed while performing the M&V tasks described in Exhibit 2 during the first year following the Final Acceptance of the Project. During this same first year, the Contractor shall communicate via the M&V report any observed deviations in the repair and/or replacement of the equipment that could affect potential energy savings.

1.4 Warranty

The Contractor shall provide a full warranty including all parts and labor for one year after Substantial Completion of each ECM. After the warranty expires, the State will be responsible for repair and replacement of failed equipment (other than failures caused by the Contractor's negligence) at its own expense.

12/6/2017

The Contractor shall provide an emergency response number that shall be monitored on a 24 x 7 x 365 basis for emergency situations during the construction phase of the project. The Contractor must respond to service calls during the construction phase in accordance with the following minimum requirements:

- Emergency Calls must be returned within one hour with the Contractor responding to the site within two hours.
- Non-Emergency Calls must be returned within one business hour 8AM to 5PM weekdays with the Contractor responding to the site within one business day.

1.5 Operations and Maintenance Oversight

During the construction close-out period, the Contractor shall develop a consolidated summary of maintenance recommendations for all new equipment, and a list of recommended responsibilities and schedule for annual and quarterly O&M work related to the ECMs installed by Contractor. These activities shall be closely coordinated with the State's maintenance staff.

As part of this O&M support and oversight responsibility the Contractor shall also provide operations and maintenance training and manuals for the State facility staff. In the M&V reports to be provided per Exhibit 2, Table 3, Contractor shall note any O&M issues observed during the M&V process.

1.6 Training

The Contractor shall provide classroom style training, hands-on demonstrations, and training manual review. The training program shall be available to all appropriate facilities staff on-site beginning during the commissioning phase. The Contractor shall provide all necessary documentation such as service, operation, parts, and maintenance manuals for all affected equipment. These manuals shall be thoroughly reviewed with the appropriate facilities staff.

The Contractor shall provide the following training services:

All training shall be conducted on site at State of New Hampshire facilities during the construction close-out phase of the work. Training classes shall be available for up to 14 students and must include training materials for all students.

12/6/2017

Concord 28 Buildings - Initial ECM Training Services

Training Tasks related to ECMs (Building staff from all buildings will attend joint training sessions)		Training Hours
1	Lighting: <ul style="list-style-type: none">- Review with building staff lamp and ballast and new fixture specifications being installed; discuss like-for-like replacements in future- Discuss occupancy sensor settings procedures; review sensitivity and timing variables- Discuss LED outdoor lighting fixture and sensor maintenance	4
2	HVAC and Heating Upgrades: <ul style="list-style-type: none">- Train on new heating distribution, pumps and ventilation maintenance- Train on HW temp reset, sequences, set points, interface with EMCS	8
3	Building Management System Controls: <ul style="list-style-type: none">- Train on new energy-saving sequences, set points, new points installed, new network controllers, new head-end equipment- Discuss routine maintenance, recalibration, testing, and overrides- Review routine checks on EMCS displays for trouble areas and energy waste	24
4	Building Envelope: <ul style="list-style-type: none">- Review inspection and repair of weather-stripping- Discuss inspection and maintenance of insulation- Discuss inspection and maintenance of windows / storm windows	2
5	Renewable Energy Projects (Photovoltaic Systems) <ul style="list-style-type: none">- Discuss inverter maintenance and inspections- Discuss monthly PV panel inspections- Review emergency procedures	8
6	Motors and VFDs: <ul style="list-style-type: none">- Discuss special settings and speed adjustments for VFD controls- Review interfaces with EMCS and monitoring of control parameters vs VFD output	2
7	Transformer Upgrades: <ul style="list-style-type: none">- Review specifications and documentation of new transformers	2
Total Training Hours		50

NOTE:

- On-going retraining and new staff training will occur during Contractor's O&M support throughout each year
- Such training will be done on an ad hoc, as-needed basis upon request from NH DAS building staff

Exhibit 5

Standards of Service and Comfort

1. In conditioned areas, space temperatures shall be maintained between 68°F dry bulb (heating) and 76°F dry bulb (cooling) during scheduled occupied periods as controlled by the space thermostats or room sensors. In no instance shall the lowest zone temperature in the building, as defined in paragraph 4 below, fall below 68°F during occupied periods. These temperature requirements shall also apply to buildings that have central cooling systems. In buildings with ventilation systems, outside air cannot be reduced below the quantities found in ASHRAE standard 62-89, "Ventilation for Acceptable Indoor Air Quality."

STANDARD HOURS OF OPERATION (See Exhibit 2, Table 2)

2. During unoccupied periods, the heating and/or cooling systems may be turned off. However, the systems must be so designed that before any high or low temperatures or humidity conditions that could damage equipment in the spaces can occur, the heating and/or cooling system will restart and control the temperature or humidity as required. In any case, temperatures must be restored to the 68°F - 76°F range by the start of the next occupied period.
3. Minimum lighting levels shall be in accordance with applicable Illumination Engineering Society (IES) standards for each type of space and activity as of the time of the Measure installation. It is recommended a sampling of light level readings be taken at various locations before considering lighting upgrade options. This will assure post-retrofit light levels will be adequate and that lighting upgrades will not be based on existing light levels which may be below or above IES standards.
4. The setpoints agreed to above (68F heating and 76F cooling) shall be programmed into Energy Management Control System as the center point of the temperature control band, which, like all control devices typically has a +-1 to +-2F swing during equipment cycles. Zone space temperature will be reported by a single zone space sensor, and depending on the time of day and location within the zone it serves, actual space temperatures throughout the zone will be higher or lower than indicated by the zone sensor. Employees seated close to windows, for example, can experience temperatures lower than the zone sensor on a windy, cold day, and higher than the sensor on a sunny, hot day. As in all control systems, periodic recalibration of space sensors will be required to maintain their accuracy and to adjust for localized effects such as described above. Agreed-upon setpoints shall represent the space temperatures averaged throughout the zone and over a typical equipment heating/cooling operating cycle.

Agreement for Guaranteed Energy Savings

Exhibit A Scope of Services

1. The State of New Hampshire, acting through the Department of Administrative Services ("State") engages ConEdison Solutions ("Contractor") to perform, and the Contractor shall perform, that work or sale of goods, or both, identified and more particularly described in Exhibits 1-5 incorporated herein ("Services").
2. Contractor has performed a comprehensive assessment of the Facilities and submitted an Investment Grade Audit to provide certain services and equipment. The Contractor shall perform the Services at the following facilities (each, a "Facility" and collectively, the "Facilities" or the "Project"):
 - See Attachment A for Building List.
3. The Contractor is guaranteeing that the State will realize energy cost savings during each year of the Term, as defined in Section 3.1, calculated and adjusted according to the terms of Exhibit 2, equal or greater than the guaranteed amounts shown in Section 7.
4. The State has accepted the Investment Grade Audit, dated July 7, 2017, and wishes to engage Contractor to evaluate, design, furnish, install, commission, operate, maintain, measure and verify energy efficiency improvements to the Facilities for the purpose of reducing energy consumption and costs.
5. The work to be performed at the Facilities by Contractor (the "Services") will be performed in two phases. The first phase will be a complete design, installation, commissioning, and initial measurement and verification of the Energy Conservation Measures (ECMs). The second phase will be the periodic measurement and verification of the ECMs and guarantee of energy cost savings. The second phase will also include facility staff training in the operation and maintenance of the installed ECMs. A delineation of Operation, Maintenance Services and Responsibilities for both the State and Contractor is attached as Exhibit 3.
6. This Project will be financed through a Master Lease Financing Program established by the State. A lease agreement with the financial services provider will be established for this Project.

1. Definitions

Agreement. This Energy Savings Performance Agreement, including all attachments, appendices and exhibits attached hereto and all amendments and supplements hereto including the accepted Investment Grade Audit all of which are made part hereof as though herein set forth in full.

Alteration Order. A written agreement between the Contractor and the State that amends the Agreement and identifies Work that affects either the Contract Price, completion date for any Energy Conservation Measure, Credit or any combination thereof.

Baseline Energy Use. A calculation of energy use of a building or piece of equipment for a specified period that is used to project energy use had the Project not been implemented. It is calculated by taking the energy consumption for a similar period prior to Project implementation (as recorded in the Energy Use History) and adjusting it to reflect changes for agreed upon variables, such as degree days, occupancy and building use, and energy costs in accordance with a methodology set forth in Exhibit 2. Energy use savings attributable to the Project are determined in accordance with the methodology set forth in Exhibit 2.

Certificate of Project Acceptance. The written Certificate of Final Completion and Acceptance is issued by the State to the Contractor pursuant to Section 7.5 certifying that the State accepts the Project as complete.

Commissioning Report. The report, required by section 7.1 of this Agreement, provided by the Contractor after installation of an ECM to verify that the specified equipment has been properly installed, is functioning properly, and with proper maintenance and operation has the potential to generate the predicted savings. The Commissioning Report includes documentation that provides a description and inventory of the installed energy efficient equipment, performance test results, and estimates of energy savings.

Compensation Schedule. The meaning assigned to that term in Exhibit B.

Conditional Nature of Agreement. The meaning assigned to that term in Paragraph 4 of the General Terms and Conditions Form P-37.

Contract Documents. Collectively DAS RFP #2016-185 Performance Contract for 28 Facilities in Concord, NH, with addendums #1 - 7 which is incorporated herein by reference, proposal in response to RFP # 2016-185, dated October 14, 2016, contract performance and payment bond, Specifications, Drawings, and other documents included in the Agreement, and

modifications, clarifications, and authorized Alteration Orders, issued after the execution of the Agreement, to complete the Project. All documents shall be written in English.

Contract Price. The meaning assigned to that term in Exhibit B, Paragraph 1.1

Contractor. The Energy Services Company that is responsible to perform according to the requirements set forth in this Agreement and includes all agents, subcontractors, employees and consultants whose services are utilized by the Energy Services Company in the performance of this Agreement.

Credit. Any change that results in a reduction in the Contract Price. All credits shall be processed with an Alteration Order.

Day. Shall refer to calendar day unless otherwise specified.

Drawings (Plans). The graphic and pictorial documents or reproductions thereof, which show the location, character, dimensions, and details of the prescribed work.

Effective Date. The meaning assigned to that term in Section 3.1.

Energy Conservation Measure. Each and all of the new devices or systems; or modifications of existing systems; or revised operations and maintenance procedures; furnished, installed, and/or implemented by the Contractor for the purpose of reducing energy use and achieving the Guaranteed Savings, as described in Exhibit 2.

Energy Conservation Measure Acceptance. The written certification by the State that it has accepted the ECM as complete and installed in accordance with the design, equipment, implementation and commissioning standards as set forth in this Agreement. Further, the Contractor warrants that the ECM will produce its share of the annual Guaranteed Savings.

Energy Conservation Measure Acceptance Date. The date on which ECM Acceptance occurs, which shall be shown on the Certificate of ECM Acceptance to be provided by the State as set forth in Section 7.6.

Energy Savings Performance Agreement. This Agreement which is for an energy cost reduction project where the cost of implementing ECMs and the proposed ongoing energy services, including equipment maintenance, energy savings guarantees, and measurement and verification activities, is recovered through energy and energy-related cost savings. Financing will be provided through Third-Party Financing.

Facility(ies). The buildings, systems, and other energy-consuming or -producing equipment included in the scope of this Agreement, as documented in Exhibit 1 and the Investment Grade Audit.

Force Majeure. The meaning assigned to that term in Section 12.

Guaranteed Savings. The annual energy savings calculated according to the method described in Exhibit 2, which Contractor guarantees will be realized by the State as a result of the Project.

Investment Grade Audit. Also referred to as the “Audit Report” or the “Study Report”. A survey of existing energy systems of a Facility for the purpose of proposing ECMs and verifying that the proposed ECMs have the potential to generate energy savings and meet the financial requirements within the specified term. The results of an Investment Grade Audit are presented in a written report that includes a methodology for the calculation of the Baseline Energy Use and a description of physical conditions, equipment counts, nameplate data and control strategies. For each ECM recommended, the Investment Grade Audit generally provides equipment counts, implementation costs, efficiency levels or performance characteristics of the equipment comprising the proposed ECM, ongoing maintenance costs, annual energy and cost savings, the useful life of the ECM, and a life-cycle cost analysis. Projected energy savings must account for interaction among recommended ECMs. See Section 4 and the State RFP #2016-185 “Performance Contract for 28 Facilities in Concord, NH”.

Measurement and Verification (M&V). The process of monitoring and measuring the energy consumption of a facility or specific equipment or systems, before and after Project implementation, to determine if guaranteed or predicted energy savings are being realized.

Operations and Maintenance (O&M). The process of operating and maintaining newly installed energy saving equipment as further described in Exhibit 3.

Project. The energy and cost reduction program contemplated herein, pursuant to, inter alia, RSA 21-I:19 a-e.

Project Acceptance [“Final Acceptance”]. The written certification by the State that it has accepted the Project as complete and installed in accordance with the design, equipment, implementation and commissioning standards as set forth in this Agreement. Further, the Contractor warrants that the Project will produce the annual Guaranteed Savings.

Project Acceptance Date [“Final Acceptance Date”]. The date on which Project Acceptance occurs, which shall be shown on the Certificate of Project Acceptance to be provided by the State as set forth in Section 7.6.

Punch List. Uncompleted or corrective work that the Contractor is to complete or correct promptly prior to Final Project Acceptance.

Standards of Service and Comfort. The facility performance requirements to be maintained in accordance with Section 10 and Exhibit 5.

State. State of New Hampshire

Substantial Completion. As reasonably determined by an inspection by the State that the work or a portion thereof is substantially complete in accordance with the Contract Documents, such that the State may occupy or utilize the Work for its intended use without disruption or interference by the Contractor in completing or correcting any remaining unfinished or unacceptable Work.

Third Party Financing. Project financing provided to the State by an independent financial institution.

Total Project Cost. All costs associated with the development and implementation of an Energy Performance Contract, including, but not limited to: Investment Grade Audit, ECM design, procurement and installation; construction contract bonds; interest charges; training of facility staff; NH Division of Public Works Design and Construction Project Oversight; Measurement and Verification; maintenance and service; project management; and contractor overhead and profit.

Work. The construction and services required by the Contract Documents to furnish all labor, materials, equipment, and incidentals necessary to complete the duties, obligations, and requirements imposed by the Agreement.

2. Project Financing and Contract Bond

2.1 This Project is contingent upon financing being provided by - _____ . The established finance rate at the time of Governor and Council review shall be used to determine whether this Project continues to meet the 20 year payback requirements as stated in RSA 21-I:19 d.

2.2 The Contractor shall furnish the State with a Payment and Performance Bond in an amount equal to 100% of the value of the Contract Price. The Payment and Performance Bond shall be in place for the duration of the construction phase of the Project which will conclude at Final Project Acceptance. The Contractor shall bear the full expense of the Payment and Performance Bond. The requirement for the Payment and Performance Bond will be terminated by the State on the Project Acceptance Date.

The Payment and Performance Bond shall be in a form and substance

satisfactory to the State. The Payment and Performance Bond shall be maintained by the Contractor in full force and effect until Project Acceptance. The Contractor or any of its sureties shall not be released from their obligations under the Payment and Performance Bond from any change or extension of time, or termination of this Contract.

The Payment and Performance Bond shall be issued by a licensed insurance company authorized to do business in the State of New Hampshire and made payable to the State of New Hampshire. The Payment and Performance Bond shall contain the Contract number and dates of performance.

The Contract Bond shall comply with RSA 447:16 and be executed by the Contractor and their Surety or Sureties, guaranteeing complete execution of the contract and all supplemental agreements pertaining thereto including the payment of all legal debts pertaining to the Project.

The State reserves the right to review the Payment and Performance Bond and to require the Contractor to substitute a more acceptable Payment and Performance Bond in such form(s) as the State deems necessary prior to acceptance of the Payment and Performance Bond.

2.3 The Contractor assumes all liability for damage to or loss of Equipment and material directly purchased by the Contractor prior to its installation and Final Completion and Acceptance by the State.

3. Effective Date: Completion of Services

3.1 This Agreement, and all obligations of the parties hereunder, shall become effective on the date the Governor and Council of the State of New Hampshire approve this Agreement ("the Effective Date") and shall continue for a period of 76 months (the "Term"), which is comprised of an estimated sixteen (16) months of construction, followed by sixty (60) months of Measurement and Verification Services commencing after the Project Acceptance Date, unless sooner terminated under an Event of Default as described in Exhibit C.

3.2 If the date for commencement in Exhibits 1 through 5 precedes the Effective Date, all services performed by Contractor between the commencement date and the Effective Date shall be performed at the sole risk of the Contractor and in the event that this Agreement does not become effective, the State shall be under no obligation to pay the Contractor for any costs incurred or services performed; provided, however, if this Agreement becomes effective, all costs incurred prior to the effective date shall be paid under the terms of this Agreement. All construction and ECM implementation services must be completed by the date specified for construction completion.

4. Investment Grade Audit and Report

4.1 Investment Grade Audit. Contractor has performed an investment grade audit (the "Study") of the Facility at its sole expense. The

Study has identified all feasible energy conservation, load management, building envelope, water conservation, and renewable resource options for which the total savings benefits are expected to exceed Total Project Cost over a period not to exceed twenty (20) years.

4.2 Submittals. The Contractor has furnished a written report of its findings (the "Study Report" contained in Appendix A which is incorporated herein by reference) including all of the information listed in Exhibits 1 through 5.

4.3 Review; Acceptance. The State has reviewed and accepted the Study Report.

5. Design

5.1 Within 14 days of written receipt of the Governor and Council's approval of this Agreement for Guaranteed Energy Savings, Contractor shall commence designing the ECMs. Drawings and specifications for this Project shall be in compliance with all applicable laws, ordinances, rules, and codes, and shall be submitted to the State for review and approval, which shall not be unreasonably withheld or delayed.

5.2 At the discretion of the State, the Contractor shall submit all Professional Engineer stamped drawings and specifications for review and approval by the New Hampshire State Fire Marshal. No actual construction shall begin before obtaining approval from the State Fire Marshal.

5.3 Design review meetings shall be held when mutually deemed necessary and at a minimum when design drawings are 50% complete and fully complete. Contractor shall provide six (6) complete sets of documents for State review prior to each review meeting. State shall have 10 business days to review and provide comments after documents are received.

5.4 The Contractor shall not proceed with obtaining or installing any ECM until the State has given written notice that it has reviewed and accepted the design documents for such ECM. Such acceptance shall not be unreasonably withheld or delayed.

5.5 The Scope of Work, including the complete design, engineering, procurement, and installation of the ECMs listed on Exhibit 1 and as further detailed in Appendix A, the Study Report, shall be accomplished in accordance with the requirements outlined in the Study Report and all provisions of this Agreement.

5.6 The drawings and specifications prepared for this Project shall not, without the prior written approval of the State, specify or require any article, design or process which requires payment by the State of royalties for its use.

6. Installation

6.1 Within 14 days of written receipt of notice of State acceptance of the design documents, Contractor shall commence procuring, installing and/or implementing the ECMs.

6.2 Without relieving it of, or in any way limiting, its obligations to the State under this Agreement, the Contractor may enter into purchase orders for the purchase of materials or Equipment in accordance with the provisions of this contract.

6.3 All Project materials and Equipment installed in the Facilities by the Contractor or its subcontractors shall become the sole property of the State after installation and upon ECM Acceptance.

6.4 During the installation, the Facilities will be occupied. The Contractor shall perform all work with extreme care to avoid damage to existing construction and installations. The Contractor shall make all necessary provisions as to the scheduling of work and storage of materials to minimize interferences and, to the extent practical, shall confine its operations, materials, and equipment within the immediate vicinity of the work. Contractor shall prearrange all disruptive and/or noise-producing construction activities with the DAS staff so as not to unreasonably interfere with ongoing activities within the Facilities. The work shall be coordinated and planned in a manner which will permit normal operation of the facility with minimum interruptions and/or inconvenience.

6.5 Unless otherwise specifically provided for in the design documents, all equipment, materials and articles incorporated in the work covered by this Agreement are to be new and of the specification indicated in the Study Report. All work to be executed shall be of the highest quality and performed by skilled mechanics in the best workmanlike manner. The State may require the Contractor to dismiss from the work any employee, employees, or subcontractors that the State deems incompetent, careless, insubordinate, or otherwise objectionable. The State may reject any equipment and materials if such equipment and materials are inconsistent with the specifications of this contract. All equipment shall be installed to allow for easy access to perform maintenance and repairs.

6.6 The Contractor shall provide adequate, clearly marked and/or lighted barricades or warning signs at all open trenches, excavation and contract work areas for the protection of the work and safety of the public and occupants.

6.7 Contractor shall acquire and maintain, at its own cost, any and all permits, licenses, easements, waivers, and permissions of every nature

necessary to perform the work. This includes any City of Concord building and inspection permits. The State Permit Application Form is included as Attachment B.

6.8 The Contractor shall, as directed during the progress of the work, remove and properly dispose of resultant dirt and debris and keep the premises reasonably clean. The Contractor shall take all necessary precautions during the progress of the work to protect the Facility as well as adjoining property, roadways, walkways, trees, lawns, landscape, and buildings from damage and injury and shall promptly repair any such damage to the satisfaction of the State, at no cost to the State.

6.9 The Contractor shall be responsible for quality control during ECM installation. At the discretion of the State, The Contractor shall provide a competent superintendent, either directly employed by Contractor or through one of Contractor's subcontractors, satisfactory to the State, on the work at all times during progress of the work with authority to act for the Contractor, specific to such superintendence of the work. The Contractor shall inspect and test all work performed to ensure compliance with Agreement requirements. The Contractor shall maintain records of inspections and tests, including inspections and tests conducted by or for utility or other regulatory agencies.

6.10 The Contractor shall provide to the State once each month during the period that design, engineering, procurement, installation, implementation, and Commissioning for the ECMs are performed hereunder, brief progress reports comparing actual work progress to the planned work progress as shall be presented in the Exhibit 4 Installation Schedule for the preceding month. Such reports shall describe any difficulties encountered during the reporting period and shall include a statement of the Contractor's Project Coordinator setting forth the costs of the work during the reporting period. Progress Reports shall be submitted in duplicate no later than the 15th of each month. Progress Reports shall be in a letter format and shall include the following subjects, with appropriate explanation and discussion: During construction the Contractor shall hold weekly construction meetings to discuss the progress to date and provide a 2-week look-ahead for the project.

- a. Title of project.
- b. Agreement number.
- c. Period of this report.
- d. Actual progress during reporting period.
- e. Planned progress in the future.
- f. Identification of problems.
- g. Planned solutions.
- h. Ability to meet schedule, reasons for slippage in schedule.

- i. Schedule – percentage completed and projected percentage of completion of performance by months – could be a bar chart or milestone chart.
- j. Analysis of project cost incurred in relation to the Compensation Schedule, Exhibit B.

The Contractor shall meet with representatives of the State upon reasonable notice to discuss any matters concerning the Project.

6.11 In the event that unknown circumstances or conditions at a Facility (such as the presence of asbestos or faulty wiring) are discovered after the Agreement is signed, and such conditions increase the agreed upon cost of completing an ECM installation or implementation at a specific facility, work on that ECM shall be immediately suspended until the State and the Contractor mutually determine if or how the installation work shall be completed. The Agreement may be revised by an Alteration Order to incorporate necessary changes in the scope of work, the Equipment, or the costs not to exceed Section 1.8 of the P-37 contract form.

6.12 The State Division of Public Works Design and Construction (NHDPW) will be responsible for overseeing the actual installation of ECMs to ensure that all identified codes and regulations are met and that the Contractor complies with the Specifications as detailed in this contract.

6.13 The Contractor and all of its Subcontractors shall follow all applicable Federal, State, and local codes; ordinances; and Health and Safety laws, as required by law.

6.14 The Contractor shall provide two signed affidavits each from the registered design professionals responsible for architecture, mechanical engineering, electrical engineering, structural engineering, and civil engineering. Design affidavits shall be submitted at the conclusion of the design phase, but prior to the beginning of the construction phase, and shall state that the design professionals' respective design meets all applicable state and federal codes. The Installation affidavit shall be submitted after Substantial Completion of the Project for each ECM, but before the issuance of a Certificate of Occupancy, and shall state that the design professionals made periodic visits to the site to observe the work and, to the best of their knowledge, information and belief, the ECM was constructed in accordance with the design. The frequency of site visits shall be such as to provide the design professionals a reasonable assurance that the work is being done per the design documents.

The design professional shall keep a log of all site visits, noting the dates and times of the visits and all pertinent observations and shall submit monthly reports to the Contractor noting all findings during the site visits of that month. The design professionals shall promptly notify the Contractor of any of the following

events or conditions which they observe in the course of performing their duties: code violations; changes which affect code compliance; the use of any materials, assemblies, components, or equipment prohibited by code; major or substantial changes between approved plans and specifications and the work in progress; or any condition which they identify as constituting an immediate hazard to the public.

7. Commissioning, Energy Conservation Measure Acceptance, Project Acceptance

7.1 The Contractor shall deliver to the State a written report (the "Commissioning Report") as each ECM covered by the Agreement is completed. In the Commissioning Report(s), the Contractor shall provide measurement and verification documentation, as applicable in accordance with Exhibit 2, that verifies that the specified equipment or systems have been properly installed, are functioning properly, and have the potential to generate the Guaranteed Savings (or that ECM's share of the Project's Guaranteed Savings).

7.2 The Commissioning Report(s) shall include the results of performance tests to verify that the installed ECM(s) will operate as designed, consistent with the standards set forth in the design documents, which shall minimally conform to all applicable codes. The tests shall be conducted in accordance with the methodology prepared for each type of ECM in Exhibit 2 during the installation phase. As mutually agreed upon, the Commissioning Report(s) shall be accompanied by complete, reproducible, as-built record drawings that are CAD generated in .DWG format, conforming to generally accepted engineering standards of all modified or newly installed equipment including, but not limited to, architectural, mechanical, electrical, and controls, along with manufacturers' operating and repair manuals and parts lists. Manufacturer's warranties shall accompany the Commissioning Report(s) and shall be assigned to the State upon completion and ECM Acceptance.

7.3 Within 10 business days of receiving a Commissioning Report from Contractor, the State shall review the report and inspect the ECM and either (a) deliver to the Contractor a written Certificate of Final Completion and Acceptance of the ECM(s) or (b) provide the Contractor with a written Punch List of corrective action the State deems necessary. If ECM(s) is rejected, the State will set forth the reasons for such rejection and the Contractor shall promptly remedy the deficiencies.

7.4 Upon receipt of a written notice from the Contractor that the Punch List items have been completed, the State shall have ten (10) calendar days to respond. Final Completion and Acceptance shall occur when all reasonable or undisputed Punch List work is complete. If the State fails to respond within the ten-calendar-day period, Final Completion and Acceptance shall be deemed to have occurred.

7.5 Within 15 business days of submission of the final Commissioning Report, Contractor shall deliver to the State notice that the Project is completed and a request for Project Acceptance. In this notice, the Contractor shall warrant that the completed Project will produce the Guaranteed Savings in accordance with the provisions of Exhibit 2.

7.6 Within 15 business days of receipt of the request for Project or ECM Acceptance, The State shall either deliver to Contractor: a) a written Certificate of Project or ECM Acceptance; b) a written extension of time notice to review for Project and or ECM Acceptance; or c), if good cause exists, a written Punch List of the corrective actions it deems necessary. In the event the State delivers a Punch List, Contractor shall promptly remedy the deficiencies and the applicable procedures set forth in this Section for notice and Project or ECM Acceptance shall apply again. In the event the State doesn't deliver a), b), or c) above, the ECM shall be deemed accepted.

7.7 Upon Project Acceptance by the State, all right, title, and interest in and to all improvements and equipment constructed or installed on the premises and additions, shall vest exclusively in the State at no additional cost, free and clear of all and any liens and encumbrances created or caused by the Contractor.

7.8 Contractor guarantees that the State will realize energy and cost savings, calculated and adjusted as set forth in Section 9 and Exhibit 2, each year for five (5) years after the Project Acceptance Date as follows:

Year	Guaranteed Cost Savings
1	\$577,425
2	\$577,425
3	\$577,425
4	\$577,425
5	\$577,425

*Note: The Guaranteed cost Savings only applies for those years in which M&V is being performed.

7.9 The Contractor shall guarantee up to an additional \$20,088 in energy and cost savings annually (for up to 5 years) based on the contingent projects that the State approves for installation from the Contingent Project List in Exhibit 1a.

7.10 Upon Final Completion of the Project, Contractor shall issue a letter to the State stating the total annual guaranteed energy savings (\$577,425 + any additional savings guaranteed from contingent projects completed). Upon agreement of both parties, this revised Guaranteed Savings amount will be used during the 5 year M&V period when determining compliance with this Agreement.

8. Operations, Maintenance, Repairs, and Training

8.1 The Contractor's and the State's responsibilities for operation, maintenance, and repair of all installed ECMs are described in Exhibit 3. Maintenance includes all work and costs associated with periodic inspections, tests, calibrations, and adjustments required to sustain and/or restore energy system operational status to as-designed performance and performance requirements of this Agreement. Repair includes all labor, material, equipment, and services required to replace, rebuild, or restore to as-designed performance systems and equipment that have failed, are in danger of failing, or are inadequate. Required response times for repair activities shall be as described in Exhibit 3.

8.2 The State shall perform or cause to be performed all operation, maintenance, and repairs to its unmodified pre-existing equipment necessary to realize the Guaranteed Energy Savings. Such operation, maintenance, and repairs are fully described in Exhibit 3.

8.3 Contractor shall furnish operation and maintenance manuals and recommended spare parts lists for operations and maintenance of the ECMs and modified State equipment. Within 30 days of the Project Acceptance, Contractor shall train state personnel as needed to operate and maintain the ECM(s) in order to perform any state maintenance responsibilities required under this Agreement or in the event of emergency. During the Term, Contractor shall train state personnel (or State's designee) as needed to operate and maintain the ECM(s) to preserve the ECM(s)' energy efficiency performance, as provided for in Exhibit 3.

9. Measurement and Verification of Energy Savings

9.1 The monitoring and measurement of the Energy Savings that result from the ECM(s) shall be as set forth in the Measurement and Verification Plan (M&V Plan) included in Exhibit 2.

9.2 The Measurement and Verification Plan shall be in accordance with concepts and definitions provided in the International Performance Measurement and Verification Protocol (IPMVP).

- a) In the event that the M&V Plan requires the use of Contractor-owned measurement equipment, Contractor shall test such meters, metering devices, and equipment in the manner and frequency described in the M&V Plan and such testing shall be at Contractor's expense. Contractor shall give the State reasonable advance notice of all metering tests and the State shall have the right to observe such tests.
- b) If, upon testing, any measurement equipment is found to be inaccurate by more than the agreed upon level of accuracy as specified in the M&V Plan, then previous recordings of or by such equipment shall be considered inaccurate and will be corrected to zero error. If the period of inaccuracy cannot be accurately determined as a basis for adjustment, then retroactive billing adjustments for errors shall be made for a period equal to one-half of the time elapsed since the previous test, but in no event more than six months. Contractor shall promptly adjust such equipment to record correctly.

9.3 Measurement and Verification of savings shall commence on the Project acceptance Date of the ECM and shall continue for a period of **five (5) years** after the Acceptance of the ECMs.

9.4 The energy savings shall be determined in the manner described in Exhibit 2 Guaranteed Energy Savings.

9.5 The Contractor will prepare an Energy Cost Savings Report detailing the results of the M&V services based off of the M&V Plan detailed in Exhibit 2.

9.6 Within 150 days from the date of each anniversary of the Final Project Completion and Acceptance Date, the Contractor shall submit a verification of energy cost savings in accordance with the M&V Plan detailed in Exhibit 2. The calculation shall incorporate all adjustments in energy cost savings as provided for in Exhibit 2. Should the energy savings be less than the annual guaranteed amount of savings, pursuant to the M&V Plan in Exhibit 2, the Contractor shall pay the State an amount equal to the difference. Said check shall be provided to the State with the reconciliation of energy cost savings report.

This guarantee of energy cost savings only applies for those years in which M&V is being performed, in accordance with Exhibit 2.

10. Standards of Service and Comfort

10.1 Contractor shall design, install, operate, and maintain the ECMs to deliver the facility performance requirements described in Exhibit 5 throughout the Agreement Term.

10.2 The Contractor's services shall be performed in a good, workmanlike manner so that the Equipment will perform consistent with the standards for heating, cooling, hot water, and lighting pursuant to Exhibit 5, Standards of Service and Comfort.

11. Representations and Warranties

11.1 Each party hereby represents and warrants to the other that subject to the requisite approvals of Governor and Council and requisite financing and appropriation:

- 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) this Agreement has been duly executed and delivered for it by the signatories authorized, and it constitutes its 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 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 and adversely affect its ability to perform hereunder.

11.2 Contractor further represents and warrants that:

- a) it is financially capable and technically qualified to perform the Project;
- b) it is familiar with and will comply with all general and special federal, state, municipal, and local laws, ordinances, codes, and regulations, that may in any way relate to or affect the performance of this Project;

- c) the design, supervision, and workmanship furnished with respect to completing the Project shall be in accordance with sound and currently accepted construction and engineering practices; and
- d) all materials, equipment, and workmanship furnished by it and by subcontractors in performance of the Project or any portion thereof shall be free of defects in design, material, and workmanship, and all such materials and equipment shall be in accordance with the requirements of the Agreement, shall conform with all applicable laws, codes, specifications, standards, regulations, rules, and ordinances and shall have service lives and maintenance characteristics suitable for their intended purposes in accordance with sound and currently accepted engineering and construction practices.
- e) it shall provide a full warranty including all parts and labor for one year after Substantial Completion of each ECM. After the warranty expires, the State will be responsible for repair and replacement of failed equipment (other than failures caused by the Contractor's negligence) at its own expense.
- f) it shall provide an emergency response number that shall be monitored on a 24 x 7 x 365 basis for emergency situations during the construction phase of the project.
- g) this Warranty does not extend to any ECM that has been abused, altered, or misused, or repaired by the State or third parties without the supervision or prior written approval of the Contractor.

12. Force Majeure

12.1 The term "Force Majeure" as used herein means unforeseeable causes beyond the reasonable control of and without the fault or negligence of the party claiming Force Majeure. Force Majeure includes acts of God; labor disputes; sudden actions of the elements; actions by federal, state and municipal agencies; and actions of legislative, judicial, or regulatory agencies which, in any of the foregoing cases, by exercise of due foresight, such Party could not reasonably have been expected to avoid.

12.2 If either Party documents that it is unable to perform its obligations under this Agreement because of Force Majeure, then the affected Party shall be excused from whatever performance is affected by the Force Majeure, to the

extent it is affected, except as to obligations to pay money, and shall not be liable in damages or otherwise resulting from the Force Majeure, provided that:

- a) the non-performing Party provides as promptly as possible a written notice to the other Party describing the events of the Force Majeure. In no event shall notification occur later than 30 days after the non-performing Party learns of the event;
- b) the suspension of the performance is of no greater scope and of no longer duration or magnitude than is reasonably required by the Force Majeure;
- c) the non-performing Party uses all reasonable efforts to remedy its inability to perform; and
- d) as soon as the non-performing Party is able to resume performance of its obligations excused as a result of the occurrence, it shall give prompt written notification thereof to the other Party.

13. Environmental Compliance

13.1 Asbestos – Containing Materials. Neither party desires to or is licensed to undertake direct obligations relating to the identification, abatement, cleanup, control, removal or disposal of asbestos-containing materials (“ACM”). Consistent with applicable laws, rules and regulations, the State shall provide the Contractor with any information in its possession relating to the presence of ACM in areas where the Contractor undertakes any work or measure and verification services that may result in the disturbance of ACM. If either the State or the Contractor become aware of or suspects the presence of ACM that may be disturbed by the Contractor's work or measure and verification services, it shall promptly stop the work or measure and verification services in the affected area and notify the other. The State shall be responsible at its sole expense for addressing the potential for or the presence of ACM in conformance with all applicable laws, rules and or regulations and addressing the impact of its disturbance before the Contractor continues with its work or measure and verification services unless, the Contractor had actual knowledge that ACM was present and acted with intentional disregard of that knowledge, in which case the Contractor shall be responsible at its sole expense for remediating areas impacted by the disturbance of the ACM, and the State shall resume its *responsibilities for the ACM after Contractor's remediation has been completed in compliance with all laws, rules and regulations.*

13.2 Other Hazardous Materials. Hazardous Materials shall include, any material or substance that , whether by its nature or use, is now or hereafter defined or regulated as a hazardous waste; hazardous substance; pollutant or

contaminant under applicable law, rule, or regulation relating to or addressing employee health and safety and protection of the environment; or which is toxic, explosive, corrosive, flammable, radioactive, carcinogenic, mutagenic, or otherwise hazardous; or which is or contains petroleum, gasoline, diesel fuel, another petroleum hydrocarbon product, or polychlorinated biphenyls. "Hazardous Materials specifically include mold and lead based paint and specifically excludes ACM. The Contractor shall have no obligations relating to the identification, abatement, cleanup, control, removal, or disposal of mold, regardless of the cause of the mold.

13.3 This Project has the potential to develop waste such as, but not limited to, PCB ballasts, mercury-containing lamps, electronic waste (or e-waste), etc. The Contractor is responsible for properly disposing of (i.e. recycling) all waste materials generated from this Project.

14. Personnel

14.1 The performance of the Services shall be carried out by the Contractor. The Contractor shall at its own expense, provide all personnel necessary to perform the Services. The Contractor warrants that all personnel engaged in the Services shall be qualified to perform the Services, and shall be properly licensed and otherwise authorized to do so under all applicable laws.

14.2 The Contractor shall not hire, and shall permit no subcontractor or other person, firm or corporation with whom it is engaged in a combined effort to perform the Services, to hire any person who has a contractual relationship with the State or who is a State officer or employee, elected or appointed.

14.3 The Contracting Officer specified, or his or her successor, shall be the State's representative.

15. Project Suspension

15.1 Stop Work Order. The State may at any time, by written stop work order to the Contractor, require the Contractor to stop all or any part of the work called for by this Agreement for a period of up to 90 calendar days after the stop work order is delivered to the Contractor, and for any further period to which the parties may agree. Any such order shall be specifically identified as a stop work order; the Contractor shall forthwith comply with its terms and take all steps to minimize the incurrence of costs and public health and safety problems allocable to the work covered by the stop work order during the period of work stoppage. Within a period of 90 calendar days after a stop work order is delivered to the Contractor, or within any extension of that period to which the parties shall have agreed, the State shall either:

- a) By written notice to the Contractor, cancel the stop work order, which shall be effective as provided in such cancellation notice, or if not specified therein, upon receipt by the Contractor, or
- b) Terminate the work covered by such order as provided in Exhibit C.

15.2 If a stop work order issued under this section is cancelled or the period of the stop work order or any extension thereof expires, the Contractor shall resume work. An equitable adjustment shall be made in the delivery schedule, the estimated cost, the fee, if any, or a combination thereof, and in any other provisions of the Agreement that may be affected, and the Agreement shall be modified in writing accordingly, if:

- a) The stop work order results in an increase in the time required for, or in the Contractor's compensation for, the performance of any part of this Agreement, and
- b) The Contractor asserts a claim for such adjustments within 30 calendar days after the end of the period of work stoppage; provided that, if the State decides the facts justify such action, the State may receive and act upon any such claim asserted at any time prior to final payment under this Agreement.

15.3 If a stop work order is not cancelled and the work covered by such stop work order is terminated, the reasonable costs resulting from the stop work order shall be allowed by equitable adjustment or otherwise.

15.4 Notwithstanding the provision of this Section, the maximum amount payable by the State to the Contractor pursuant to this Section shall not be increased or deemed to be increased except by specific written amendment hereto.

16. Changes

16.1 Emergency Situations: The Contractor and the State shall use their best efforts to notify the respective parties or their designee within twenty-four (24) hours after actual knowledge of an emergency situation or other occurrence that might affect performance including:

- a) Any malfunction in the operation of the installed Equipment or any pre-existing energy-related equipment;
- b) Any interruption or alteration of the energy supply to the facilities;

- c) Any alteration or modification of the installed Equipment or its operation, and;
- d) Any other emergency situation likely to affect the Project.

16.2 Proposed and Non-Emergency Material Changes. The Contractor and or the State shall report all such changes in the Facilities to the respective party with a written notice describing and explaining all actual or proposed changes in the State's selected Facilities or in their operations and the anticipated effect on energy use. Except as otherwise provided below with respect to the closing of a Facility, notice must be delivered to either party no less than seven (7) calendar days before any actual or proposed change occurs except for Emergency Situations as provided by Section 16.1 hereof. In the event the Facility is contemplated to be closed for a period of three hundred sixty-five (365) calendar days or longer, the State agrees to give the Contractor a minimum of sixty (60) calendar days' notice of the closing of such Facility. In the event of such closing, the State shall pay the Contractor in accordance with Exhibit C, Paragraph 10 Termination, of Form P-37.

16.3 Upon acceptance of the installation by the State and in the absence of any reported Material Changes in the Facility or in its operations, it is agreed energy consumption should not change substantially from year to year. Therefore, beginning one (1) year after installation, if energy consumption for any month increases by 15% percent or more from the energy consumption for the same month of the preceding year, the Contractor shall have the right to investigate the Facilities to ascertain whether or not a Material Change has occurred which may require a change in the Baseline Energy Use data. Any resulting changes shall be subject to State approval, which shall be unreasonably withheld or delayed.

16.4 Fire, Flood, or Other Casualty. Any construction or restoration of a facility following or necessitated by fire, flood, or other casualty, shall be deemed a Material Change, and the provisions of Section 16 hereof and its subparts shall be applicable. If the casualty renders a majority of any facility uninhabitable or unusable and the restoration or reconstruction of the affected portion is not commenced within twelve months from the date of such casualty, the Contractor shall have the option to terminate its Agreement with respect to that site by a written notice to the State. Upon such termination, the State shall pay to the Contractor in accordance with Exhibit C, Paragraph 10 Termination, of Form P-37. The mere occurrence of a fire, flood or other casualty shall not affect, modify, impair or limit the State's obligation to make payments to the Contractor.

17. Entire Agreement

17.1 Contract Documents

This Contract consists of the following Contract Documents:

- a. Form P-37 standard terms and Conditions
- b. Attachment A Building List and Information
- c. Attachment B Permit Application Form
- d. Attachment C NHH Contractor Safety Guidelines and Confidentiality
- e. Exhibit A Scope of Work
- f. Exhibit B Payment Terms ["Cost Detail" and "Schedule of Values and Expected Monthly Draws"]
- g. Exhibit C Special Provisions
- h. Exhibit 1 Form E-2: Energy Conservation Measures
- i. Exhibit 1a Contingent Measure List
- j. Exhibit 2 Guaranteed Energy Savings, Measure and Verification Plan, and Commissioning
- k. Exhibit 3 Operations and Maintenance
- l. Exhibit 4 Installation Schedule
- m. Exhibit 5 Standards of Service and Comfort
- n. Exhibit 6 Included ECMs
- o. Appendix A Investment Grade Audit dated July 7, 2017

17.2 Order of Precedence.

In the event of conflict or ambiguity among any of the text of the Agreement, the following Order of Precedence shall govern:

- a) Form P-37 General Terms and Conditions and Exhibit C
- b) Attachments A, B, and C; Exhibits A and B; Exhibits 1 through 6; and Appendix A.
- c) DAS RFP #2016-185 Performance Contract for 28 Buildings in Concord, NH, with addendums #1-7, which is incorporated herein by reference; then
- d) Proposal in response to RFP # 2016-185, dated October 14, 2016, which is incorporated by reference herein.

18. Notice

18.1 Any notice by a party hereto to the other party, unless specifically provided for herein, shall be deemed to have been duly delivered, or given at the time of mailing. All notices required or permitted under this Agreement shall be in writing and shall be personally delivered or sent by certified United States mail, postage prepaid, or overnight express mail or courier service addressed as follows:

If to Contractor to:

Mark Noyes
President & Chief Executive Officer
Consolidated Edison Solutions, Inc.
100 Summit Lake Drive, Suite 210
Valhalla, NY 10595

If to the State Agency to:

Karen Rantamaki, Deputy Administrator
NH- Dept. of Administrative Services
Division of Plant & Property Mgmt
25 Capital Street, Rm. 102
Concord, NH 03301

or to such other person at such other address as a Party shall designate by like notice to the other Party. Any notices sent by email or facsimile shall also be sent by mail or overnight express or courier service.

Exhibit B

Payment Terms

1.1 The Contract Price, method of payment, and terms of payment are identified and more particularly described in the Compensation Schedule and Cost Detail. The Compensation Schedule and Cost Detail shall include all Project costs for each ECM. The Compensation Schedule will indicate progress payments owed by the State to the Contractor. The Compensation Schedule shall be coordinated and consistent with the Installation Schedule attached as Exhibit 4. Notwithstanding anything in this agreement to the contrary, and notwithstanding unexpected circumstances, in no event shall the total of all payments authorized, or actually made, hereunder exceed the Contract Price of \$8,250,396 as indicated in the Price Limitation block on Section 1.8 of the P-37 contract form.

1.2 This contract will enable the State to reduce utility costs by \$577,425 annually, through the acquisition of \$7,727,755 ("Agreement Price") in capital improvements (which amount includes, \$100,000 in fees to be paid directly by the Financer to the State's Division of Public Works for their project oversight services plus \$112,949 for five years of M&V). The Agreement Price will be financed through _____ . This financing is estimated to cost \$3,644,680 in interest costs. In addition, this project will qualify for electric utility incentives and grants ("Rebates"). Contractor estimates the Rebates to total \$522,641. All Rebates shall be applied to ECMs that are identified as contingent projects in Exhibit 1a. In no event shall the Contractor proceed with the installation of ECMs labeled "(CONTINGENT ON GRANTS AND REBATES)" until the State and the Contractor reach mutual agreement on the contingent ECMs that will be installed and the Contractor receives written approval from the State. In no event shall the ("Total Project Cost") exceed \$11,895,076 (Agreement Price + Estimated Financing + Estimated Rebate Amount). This is the maximum cost allowed under the guidelines of RSA 21-1:19a-e.

1.3 Up to an additional \$20,088 in utility cost reductions shall be guaranteed by the Contractor according to which measures from the Contingent Measure List in Exhibit 1a are selected by the State and installed by the Contractor.

1.4 The payment by the State of the Agreement Price and any Rebate contingent projects with Rebate funds shall be the only, and the complete, reimbursement to the Contractor for all expenses, of whatever nature, incurred by the Contractor in the performance hereof, and shall be the only and the complete compensation to the Contractor for the Services. The State shall have

no liability to the Contractor other than the Agreement Price plus the price of any contingent projects paid using Grants and Rebates (Contract Price).

1.5 The Compensation Schedule will be used as the basis for applications for payments to the Contractor by the State or the State's Lessor, based upon the percentage of completion of the ECMs.

1.6 The Contractor shall submit applications for payment on a monthly basis in a form acceptable to the State in accordance with the Compensation Schedule. All progress payments shall be subject to five (5%) percent retainage. Release of retainage shall occur when Final Completion and Acceptance has been achieved.

1.7 Upon receipt by the State or its designee of the application for payment, it shall be reviewed and, if approved, Contractor shall be paid by the State directly or through the State's Lessor. If a portion of the application for payment is in dispute, the State shall not pay any disputed portion of the application for payment until such disputed portion is resolved between the Parties.

1.8 The costs paid to the subcontractors by the Contractor for approved Project work shall be deemed covered by the Contract Price to be paid by the State to the Contractor.

1.9 Construction Administration Services. The State Division of Public Works Design and Construction (NHDPW) will be responsible for overseeing the design and construction of the Project to ensure that all identified codes and regulations are met.

The NHDPW Construction Administration Services shall be paid out of the Agreement Price as follows: Payment for Construction Administration Services shall be paid monthly up to but not exceeding \$100,000 to be paid to the NHDPW upon invoicing. If the final cost of Construction Administration Services is less than \$100,000, the difference shall be allocated toward the project as jointly determined by the Contractor and the State. The costs for these services are included in the Agreement Price.

1.10 Schedule of Value Cost Detail and Estimated Draw Schedule. The following table provides the total turnkey price for each ECM and the estimated draw schedule for payments to be made by the State to Contractor during the Construction Phase.

1.11 Additional Rebate Funds. Any rebate funds beyond the \$522,641 that are earned by the State through the completion of this Project shall be deposited into the Energy Fund per RSA 21-l:19-f.

B-2 ECM Cost Detail

Building	ECM #	Installation Measure Cost	Baseline & Construct' n M&V	ECM Developm ent and IGA Costs	Detailed Engineeri ng	Proj Mgmt; Const Mgmt	Com- missioning	Training	Overhead	Profit	Bonding	NHDPW	Construct- ion Phase Total	5-yr Measurement and Verificatio n	Total Project Cost
Annex SOPS	101	\$12,680	\$38	\$317	\$697	\$824	\$190	\$38	\$1,205	\$634	\$76		\$16,700	\$251	\$16,951
Annex SOPS	102	\$6,986	\$21	\$175	\$384	\$454	\$105	\$21	\$664	\$349	\$42		\$9,201	\$138	\$9,339
Annex SOPS	103	\$30,050	\$90	\$751	\$1,653	\$1,953	\$451	\$90	\$2,855	\$1,502	\$180		\$39,576	\$594	\$40,169
Annex SOPS	104	\$153,182	\$460	\$3,830	\$8,425	\$9,957	\$2,298	\$460	\$14,552	\$7,659	\$919		\$201,740	\$3,026	\$204,766
Bldg Sub Total		\$202,898	\$609	\$5,072	\$11,159	\$13,188	\$3,043	\$609	\$19,275	\$10,145	\$1,217		\$267,217	\$4,008	\$271,225
Main Building	203	\$140,188	\$421	\$3,505	\$7,710	\$9,112	\$2,103	\$421	\$13,318	\$7,009	\$841		\$184,628	\$2,769	\$187,397
Main Building	206	\$9,935	\$30	\$248	\$546	\$646	\$149	\$30	\$944	\$497	\$60		\$13,085	\$196	\$13,281
Main Building	209	\$27,480	\$82	\$687	\$1,511	\$1,786	\$412	\$82	\$2,611	\$1,374	\$165		\$36,192	\$543	\$36,735
Main Building	210	\$264,073	\$792	\$6,602	\$14,524	\$17,165	\$3,961	\$792	\$25,087	\$13,204	\$1,584		\$347,784	\$5,217	\$353,000
Main Building	211	\$18,900	\$57	\$473	\$1,040	\$1,229	\$284	\$57	\$1,796	\$945	\$113		\$24,891	\$373	\$25,265
Main Building	212	\$183,323	\$550	\$4,583	\$10,083	\$11,916	\$2,750	\$550	\$17,416	\$9,166	\$1,100		\$241,436	\$3,622	\$245,057
Main Building	215	\$287,985	\$864	\$7,200	\$15,839	\$18,719	\$4,320	\$864	\$27,359	\$14,399	\$1,728		\$379,276	\$5,689	\$384,965
Main Building	216	\$214,519	\$644	\$5,363	\$11,799	\$13,944	\$3,218	\$644	\$20,379	\$10,726	\$1,287		\$282,522	\$4,238	\$286,760
Main Building	217	\$24,640	\$74	\$616	\$1,355	\$1,602	\$370	\$74	\$2,341	\$1,232	\$148		\$32,451	\$487	\$32,938
Main Building	220	\$105,356	\$316	\$2,634	\$5,795	\$6,848	\$1,580	\$316	\$10,009	\$5,268	\$632		\$138,754	\$2,081	\$140,836
Main Building	221	\$10,526	\$32	\$263	\$579	\$684	\$158	\$32	\$1,000	\$526	\$63		\$13,863	\$208	\$14,071
Main Building	222	\$21,060	\$63	\$526	\$1,158	\$1,369	\$316	\$63	\$2,001	\$1,053	\$126		\$27,736	\$416	\$28,152
Main Building	225	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0
Main Building	226	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0
Main Building	250	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$31,348	\$31,348	\$0	\$31,348
Bldg Sub Total		\$1,307,985	\$3,924	\$32,700	\$71,939	\$85,019	\$19,620	\$3,924	\$124,259	\$65,399	\$7,848		\$1,753,965	\$25,839	\$1,779,804
Thayer Hall	303	\$77,961	\$234	\$1,949	\$4,288	\$5,067	\$1,169	\$234	\$7,406	\$3,898	\$468		\$102,675	\$1,540	\$104,215
Thayer Hall	304	\$53,410	\$160	\$1,335	\$2,938	\$3,472	\$801	\$160	\$5,074	\$2,671	\$320		\$70,341	\$1,055	\$71,396
Thayer Hall	305	\$87,464	\$262	\$2,187	\$4,811	\$5,685	\$1,312	\$262	\$8,309	\$4,373	\$525		\$115,190	\$1,728	\$116,918
Thayer Hall	306	\$117,595	\$353	\$2,940	\$6,468	\$7,644	\$1,764	\$353	\$11,172	\$5,880	\$706		\$154,872	\$2,323	\$157,195
Bldg Sub Total		\$336,430	\$1,009	\$8,411	\$18,504	\$21,868	\$5,046	\$1,009	\$31,961	\$16,822	\$2,019		\$443,078	\$6,646	\$449,724
Dolloff Building	403	\$68,221	\$205	\$1,706	\$3,752	\$4,434	\$1,023	\$205	\$6,481	\$3,411	\$409		\$89,847	\$1,348	\$91,195
Dolloff Building	404	\$1,680	\$5	\$42	\$92	\$109	\$25	\$5	\$160	\$84	\$10		\$2,213	\$33	\$2,246
Dolloff Building	405	\$26,316	\$79	\$658	\$1,447	\$1,711	\$395	\$79	\$2,500	\$1,316	\$158		\$34,658	\$520	\$35,178
Dolloff Building	406	\$6,910	\$21	\$173	\$380	\$449	\$104	\$21	\$656	\$345	\$41		\$9,100	\$137	\$9,237
Bldg Sub Total		\$103,127	\$309	\$2,578	\$5,672	\$6,703	\$1,547	\$309	\$9,797	\$5,156	\$619		\$135,819	\$2,037	\$137,856
Brown Building	507	\$359,308	\$1,078	\$8,983	\$19,762	\$23,355	\$5,390	\$1,078	\$34,134	\$17,965	\$2,156		\$473,209	\$7,098	\$480,307
Brown Building	508	\$10,647	\$32	\$266	\$586	\$692	\$160	\$32	\$1,011	\$532	\$64		\$14,021	\$210	\$14,232
Brown Building	509	\$13,613	\$41	\$340	\$749	\$885	\$204	\$41	\$1,293	\$681	\$82		\$17,928	\$269	\$18,197
Brown Building	510	\$6,257	\$19	\$156	\$344	\$407	\$94	\$19	\$594	\$313	\$38		\$8,240	\$124	\$8,364
Brown Building	511	\$1,050	\$3	\$26	\$58	\$68	\$16	\$3	\$100	\$53	\$6		\$1,383	\$21	\$1,404
Brown Building	513	\$218,992	\$657	\$5,475	\$12,045	\$14,235	\$3,285	\$657	\$20,804	\$10,950	\$1,314		\$288,413	\$4,326	\$292,739
Brown Building	514	\$18,205	\$55	\$455	\$1,001	\$1,183	\$273	\$55	\$1,729	\$910	\$109		\$23,976	\$360	\$24,335
Brown Building	515	\$205,802	\$617	\$5,145	\$11,319	\$13,377	\$3,087	\$617	\$19,551	\$10,290	\$1,235		\$271,041	\$4,066	\$275,106
Bldg Sub Total		\$833,873	\$2,502	\$20,847	\$45,863	\$54,202	\$12,508	\$2,502	\$79,218	\$41,694	\$5,003		\$1,098,211	\$16,473	\$1,114,684

NHH Warehouse	601	\$640	\$2	\$16	\$35	\$42	\$10	\$2	\$61	\$32	\$4		\$843	\$13	\$856
Bldg Sub Total		\$640	\$2	\$16	\$35	\$42	\$10	\$2	\$61	\$32	\$4		\$843	\$13	\$856
Transportation Garage	703	\$9,730	\$29	\$243	\$535	\$632	\$146	\$29	\$924	\$486	\$58		\$12,814	\$192	\$13,006
Transportation Garage	704	\$10,972	\$33	\$274	\$603	\$713	\$165	\$33	\$1,042	\$549	\$66		\$14,451	\$217	\$14,667
Transportation Garage	705	\$3,413	\$10	\$85	\$188	\$222	\$51	\$10	\$324	\$171	\$20		\$4,495	\$67	\$4,563
Transportation Garage	706	\$14,768	\$44	\$369	\$812	\$960	\$222	\$44	\$1,403	\$738	\$89		\$19,449	\$292	\$19,741
Transportation Garage	707	\$73	\$0	\$2	\$4	\$5	\$1	\$0	\$7	\$4	\$0		\$96	\$1	\$98
Bldg Sub Total		\$38,956	\$117	\$974	\$2,143	\$2,532	\$584	\$117	\$3,701	\$1,948	\$234		\$51,305	\$770	\$52,075
NH Hospital Laundry	804	\$23,876	\$72	\$597	\$1,313	\$1,552	\$358	\$72	\$2,268	\$1,194	\$143		\$31,444	\$472	\$31,916
NH Hospital Laundry	806	\$37,086	\$111	\$927	\$2,040	\$2,411	\$556	\$111	\$3,523	\$1,854	\$223		\$48,842	\$733	\$49,575
Bldg Sub Total		\$60,962	\$183	\$1,524	\$3,353	\$3,963	\$914	\$183	\$5,791	\$3,048	\$366		\$80,286	\$1,204	\$81,491
Paint & Carpentry Shops	902	\$10,976	\$33	\$274	\$604	\$713	\$165	\$33	\$1,043	\$549	\$66		\$14,455	\$217	\$14,672
Paint & Carpentry Shops	904	\$18,396	\$55	\$480	\$1,012	\$1,196	\$276	\$55	\$1,748	\$920	\$110		\$24,228	\$363	\$24,591
Bldg Sub Total		\$29,372	\$88	\$734	\$1,615	\$1,909	\$441	\$88	\$2,790	\$1,469	\$176		\$38,683	\$580	\$39,263
Grounds Shop	1002	\$14,102	\$42	\$353	\$776	\$917	\$212	\$42	\$1,340	\$705	\$85		\$18,572	\$279	\$18,850
Grounds Shop	1004	\$3,260	\$10	\$81	\$179	\$212	\$49	\$10	\$310	\$163	\$20		\$4,293	\$64	\$4,358
Bldg Sub Total		\$17,361	\$52	\$434	\$955	\$1,128	\$260	\$52	\$1,649	\$868	\$104		\$22,865	\$343	\$23,208
State House	1104	\$37,881	\$114	\$947	\$2,083	\$2,462	\$568	\$114	\$3,599	\$1,894	\$227		\$49,889	\$748	\$50,637
State House	1106	\$69,520	\$209	\$1,738	\$3,824	\$4,519	\$1,043	\$209	\$6,604	\$3,476	\$417		\$91,558	\$1,373	\$92,932
State House	1108	\$6,200	\$19	\$155	\$341	\$403	\$93	\$19	\$589	\$310	\$37		\$8,166	\$122	\$8,288
State House	1150	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44,030	\$44,030	\$0	\$44,030
Bldg Sub Total		\$113,601	\$341	\$2,840	\$6,248	\$7,384	\$1,704	\$341	\$10,792	\$5,680	\$682		\$193,643	\$2,244	\$195,887
State House Annex	1203	\$82,062	\$246	\$2,052	\$4,513	\$5,334	\$1,231	\$246	\$7,796	\$4,103	\$492		\$108,076	\$1,621	\$109,697
State House Annex	1204	\$138,458	\$415	\$3,461	\$7,615	\$9,000	\$2,077	\$415	\$13,153	\$6,923	\$831		\$182,349	\$2,735	\$185,084
State House Annex	1207	\$7,355	\$22	\$184	\$405	\$478	\$110	\$22	\$699	\$368	\$44		\$9,687	\$145	\$9,832
State House Annex	1208	\$127,957	\$384	\$3,199	\$7,038	\$8,317	\$1,919	\$384	\$12,156	\$6,398	\$768		\$168,519	\$2,528	\$171,047
State House Annex	1209	\$63,038	\$189	\$1,576	\$3,467	\$4,097	\$946	\$189	\$5,989	\$3,152	\$378		\$83,021	\$1,245	\$84,266
State House Annex	1210	\$10,500	\$32	\$263	\$578	\$683	\$158	\$32	\$998	\$525	\$63		\$13,829	\$207	\$14,036
State House Annex	1211	\$133,481	\$400	\$3,337	\$7,341	\$8,676	\$2,002	\$400	\$12,681	\$6,674	\$801		\$175,794	\$2,637	\$178,431
State House Annex	1212	\$1,561	\$5	\$39	\$86	\$101	\$23	\$5	\$148	\$78	\$9		\$2,056	\$31	\$2,086
Bldg Sub Total		\$564,411	\$1,693	\$14,110	\$31,043	\$36,687	\$8,466	\$1,693	\$53,619	\$28,221	\$3,386		\$743,330	\$11,150	\$754,480
State Library	1301	\$72,343	\$217	\$1,809	\$3,979	\$4,702	\$1,085	\$217	\$6,873	\$3,617	\$434		\$95,276	\$1,429	\$96,705
State Library	1304	\$4,856	\$15	\$121	\$267	\$316	\$73	\$15	\$461	\$243	\$29		\$6,396	\$96	\$6,492
State Library	1305	\$19,797	\$59	\$495	\$1,089	\$1,287	\$297	\$59	\$1,881	\$990	\$119		\$26,072	\$391	\$26,464
State Library	1306	\$33,026	\$99	\$826	\$1,816	\$2,147	\$495	\$99	\$3,137	\$1,651	\$198		\$43,496	\$652	\$44,148
State Library	1307	\$626	\$2	\$16	\$34	\$41	\$9	\$2	\$59	\$31	\$4		\$824	\$12	\$836
Bldg Sub Total		\$130,648	\$392	\$3,266	\$7,186	\$8,492	\$1,960	\$392	\$12,412	\$6,532	\$784		\$172,064	\$2,581	\$174,644
Legislative Office Building	1403	\$92,083	\$276	\$2,302	\$5,065	\$5,985	\$1,381	\$276	\$8,748	\$4,604	\$552		\$121,273	\$1,819	\$123,092
Legislative Office Building	1404	\$212,613	\$638	\$5,315	\$11,694	\$13,820	\$3,189	\$638	\$20,198	\$10,631	\$1,276		\$280,011	\$4,200	\$284,212
Legislative Office Building	1405	\$15,902	\$48	\$398	\$875	\$1,034	\$239	\$48	\$1,511	\$795	\$95		\$20,943	\$314	\$21,257
Legislative Office Building	1407	\$45,971	\$138	\$1,149	\$2,528	\$2,988	\$690	\$138	\$4,367	\$2,299	\$276		\$60,544	\$908	\$61,452
Bldg Sub Total		\$366,569	\$1,100	\$9,164	\$20,161	\$23,827	\$5,499	\$1,100	\$34,824	\$18,328	\$2,199		\$482,771	\$7,242	\$490,013

Exhibit B, Schedule of Values and Expected Monthly Draws

Building	ECM#	ECM Construction Type	ECM Installed cost (\$)	Cost of 5-year M&V	May 2018			Jun 2018			Jul 2018		
					Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Annex SOPS	101	Building Automated Controls Systems	\$16,700	\$251	0%	0%	\$0	2%	2%	\$334	3%	5%	\$501
Annex SOPS	102	Steam Traps and Insulation	\$9,201	\$138	0%	0%	\$0	0%	0%	\$0	3%	3%	\$276
Annex SOPS	103	Building Envelope	\$39,576	\$594	0%	0%	\$0	0%	0%	\$0	2%	2%	\$792
Annex SOPS	104	Building Envelope	\$201,740	\$3,026	0%	0%	\$0	0%	0%	\$0	2%	2%	\$4,035
Main Building	203	Lighting Systems and Controls	\$184,628	\$2,769	0%	0%	\$0	1%	1%	\$1,846	1%	2%	\$1,846
Main Building	206	Lighting Systems and Controls	\$13,085	\$196	0%	0%	\$0	1%	1%	\$131	1%	2%	\$131
Main Building	209	Lighting Systems and Controls	\$36,192	\$543	0%	0%	\$0	1%	1%	\$362	1%	2%	\$362
Main Building	210	Building Automated Controls Systems	\$347,784	\$5,217	0%	0%	\$0	2%	2%	\$6,956	3%	5%	\$10,434
Main Building	211	Building Automated Controls Systems	\$24,891	\$373	0%	0%	\$0	2%	2%	\$498	3%	5%	\$747
Main Building	212	Steam Traps and Insulation	\$241,436	\$3,622	0%	0%	\$0	0%	0%	\$0	3%	3%	\$7,243
Main Building	215	Building Envelope	\$379,276	\$5,689	0%	0%	\$0	0%	0%	\$0	2%	2%	\$7,586
Main Building	216	Building Envelope	\$282,522	\$4,238	0%	0%	\$0	0%	0%	\$0	2%	2%	\$5,650
Main Building	217	Water Conservation	\$32,451	\$487	0%	0%	\$0	0%	0%	\$0	3%	3%	\$974
Main Building	220	Electric Distribution and Transformers	\$138,754	\$2,081	0%	0%	\$0	0%	0%	\$0	0%	0%	\$0
Main Building	221	Electric Distribution and Transformers	\$13,863	\$208	0%	0%	\$0	0%	0%	\$0	0%	0%	\$0
Main Building	222	Electric Distribution and Transformers	\$27,736	\$416	0%	0%	\$0	0%	0%	\$0	0%	0%	\$0
Main Building	225	Building Envelope	\$0	\$0	0%	0%	\$0	0%	0%	\$0	2%	2%	\$0
Main Building	226	Building Automated Controls Systems	\$0	\$0	0%	0%	\$0	2%	2%	\$0	3%	5%	\$0
Main Building	250	DPW fee, Group A	\$31,348	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Thayer Hall	303	Lighting Systems and Controls	\$102,675	\$1,540	0%	0%	\$0	1%	1%	\$1,027	1%	2%	\$1,027
Thayer Hall	304	Building Automated Controls Systems	\$70,341	\$1,055	0%	0%	\$0	2%	2%	\$1,407	3%	5%	\$2,110
Thayer Hall	305	Steam Traps and Insulation	\$115,190	\$1,728	0%	0%	\$0	0%	0%	\$0	3%	3%	\$3,456

Exhibit B, Schedule of Values and Expected Monthly Draws

Building	ECM#	ECM Construction Type	ECM Installed cost (\$)	Cost of 5-year M&V	May 2018			Jun 2018			Jul 2018		
					Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Thayer Hall	306	Building Envelope	\$154,872	\$2,323	0%	0%	\$0	0%	0%	\$0	2%	2%	\$3,097
Dolloff Building	403	Lighting Systems and Controls	\$89,847	\$1,348	0%	0%	\$0	1%	1%	\$898	1%	2%	\$898
Dolloff Building	404	Building Envelope	\$2,213	\$33	0%	0%	\$0	0%	0%	\$0	2%	2%	\$44
Dolloff Building	405	Building Envelope	\$34,658	\$520	0%	0%	\$0	0%	0%	\$0	2%	2%	\$693
Dolloff Building	406	Water Conservation	\$9,100	\$137	0%	0%	\$0	0%	0%	\$0	3%	3%	\$273
Brown Building	507	Lighting Systems and Controls	\$473,209	\$7,098	0%	0%	\$0	1%	1%	\$4,732	1%	2%	\$4,732
Brown Building	508	Lighting Systems and Controls	\$14,021	\$210	0%	0%	\$0	1%	1%	\$140	1%	2%	\$140
Brown Building	509	Lighting Systems and Controls	\$17,928	\$269	0%	0%	\$0	1%	1%	\$179	1%	2%	\$179
Brown Building	510	Building Envelope	\$8,240	\$124	0%	0%	\$0	0%	0%	\$0	2%	2%	\$165
Brown Building	511	Building Envelope	\$1,383	\$21	0%	0%	\$0	0%	0%	\$0	2%	2%	\$28
Brown Building	513	Building Automated Controls Systems	\$288,413	\$4,326	0%	0%	\$0	2%	2%	\$5,768	3%	5%	\$8,652
Brown Building	514	Motors and Drives	\$23,976	\$360	0%	0%	\$0	0%	0%	\$0	5%	5%	\$1,199
Brown Building	515	Electric Distribution and Transformers	\$271,041	\$4,066	0%	0%	\$0	0%	0%	\$0	0%	0%	\$0
NHH Warehouse	601	Lighting Systems and Controls	\$843	\$13	0%	0%	\$0	1%	1%	\$8	1%	2%	\$8
Transportation Garage	703	Lighting Systems and Controls	\$12,814	\$192	0%	0%	\$0	1%	1%	\$128	1%	2%	\$128
Transportation Garage	704	Lighting Systems and Controls	\$14,451	\$217	0%	0%	\$0	1%	1%	\$145	1%	2%	\$145
Transportation Garage	705	Building Envelope	\$4,495	\$67	0%	0%	\$0	0%	0%	\$0	2%	2%	\$90
Transportation Garage	706	Building Automated Controls Systems	\$19,449	\$292	0%	0%	\$0	2%	2%	\$389	3%	5%	\$583
Transportation Garage	707	Water Conservation	\$96	\$1	0%	0%	\$0	0%	0%	\$0	3%	3%	\$3
NH Hospital Laundry	804	Building Automated Controls Systems	\$31,444	\$472	0%	0%	\$0	2%	2%	\$629	3%	5%	\$943
NH Hospital Laundry	806	Building Envelope	\$48,842	\$733	0%	0%	\$0	0%	0%	\$0	2%	2%	\$977
Paint & Carpentry Shops	902	Building Automated Controls Systems	\$14,455	\$217	0%	0%	\$0	2%	2%	\$289	3%	5%	\$434
Paint & Carpentry Shops	904	Building Envelope	\$24,228	\$363	0%	0%	\$0	0%	0%	\$0	2%	2%	\$485

Exhibit B, Schedule of Values and Expected Monthly Draws

Building	ECM#	ECM Construction Type	ECM Installed cost (\$)	Cost of 5-year M&V	May 2018			Jun 2018			Jul 2018		
					Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Grounds Shop	1002	Building Automated Controls Systems	\$18,572	\$279	0%	0%	\$0	2%	2%	\$371	3%	5%	\$557
Grounds Shop	1004	Building Envelope	\$4,293	\$64	0%	0%	\$0	0%	0%	\$0	2%	2%	\$86
State House	1104	Building Automated Controls Systems	\$49,889	\$748	0%	0%	\$0	2%	2%	\$998	3%	5%	\$1,497
State House	1106	Steam Traps and Insulation	\$91,558	\$1,373	0%	0%	\$0	0%	0%	\$0	3%	3%	\$2,747
State House	1108	Building Envelope	\$8,166	\$122	0%	0%	\$0	0%	0%	\$0	2%	2%	\$163
State House	1150	DPW fee, Group B	\$44,030	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
State House Annex	1203	Lighting Systems and Controls	\$108,076	\$1,621	0%	0%	\$0	1%	1%	\$1,081	1%	2%	\$1,081
State House Annex	1204	Lighting Systems and Controls	\$182,349	\$2,735	0%	0%	\$0	1%	1%	\$1,823	1%	2%	\$1,823
State House Annex	1207	Building Envelope	\$9,687	\$145	0%	0%	\$0	0%	0%	\$0	2%	2%	\$194
State House Annex	1208	Building Automated Controls Systems	\$168,519	\$2,528	0%	0%	\$0	2%	2%	\$3,370	3%	5%	\$5,056
State House Annex	1209	Building Automated Controls Systems	\$83,021	\$1,245	0%	0%	\$0	2%	2%	\$1,660	3%	5%	\$2,491
State House Annex	1210	Building Automated Controls Systems	\$13,829	\$207	0%	0%	\$0	2%	2%	\$277	3%	5%	\$415
State House Annex	1211	Steam Traps and Insulation	\$175,794	\$2,637	0%	0%	\$0	0%	0%	\$0	3%	3%	\$5,274
State House Annex	1212	Water Conservation	\$2,056	\$31	0%	0%	\$0	0%	0%	\$0	3%	3%	\$62
State Library	1301	Lighting Systems and Controls	\$95,276	\$1,429	0%	0%	\$0	1%	1%	\$953	1%	2%	\$953
State Library	1304	Building Envelope	\$6,396	\$96	0%	0%	\$0	0%	0%	\$0	2%	2%	\$128
State Library	1305	Building Automated Controls Systems	\$26,072	\$391	0%	0%	\$0	2%	2%	\$521	3%	5%	\$782
State Library	1306	Steam Traps and Insulation	\$43,496	\$652	0%	0%	\$0	0%	0%	\$0	3%	3%	\$1,305
State Library	1307	Water Conservation	\$824	\$12	0%	0%	\$0	0%	0%	\$0	3%	3%	\$25
Legislative Office Building	1403	Lighting Systems and Controls	\$121,273	\$1,819	0%	0%	\$0	1%	1%	\$1,213	1%	2%	\$1,213
Legislative Office Building	1404	Building Automated Controls Systems	\$280,011	\$4,200	0%	0%	\$0	2%	2%	\$5,600	3%	5%	\$8,400
Legislative Office Building	1405	Building Envelope	\$20,943	\$314	0%	0%	\$0	0%	0%	\$0	2%	2%	\$419

Exhibit B, Schedule of Values and Expected Monthly Draws

Building	ECM#	ECM Construction Type	ECM Installed cost (\$)	Cost of 5-year M&V	May 2018			Jun 2018			Jul 2018		
					Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Legislative Office Building	1407	Electric Distribution and Transformers	\$60,544	\$908	0%	0%	\$0	0%	0%	\$0	0%	0%	\$0
Upham Walker House	1501	Lighting Systems and Controls	\$361	\$5	0%	0%	\$0	1%	1%	\$4	1%	2%	\$4
Upham Walker House	1503	Building Envelope	\$2,372	\$36	0%	0%	\$0	0%	0%	\$0	2%	2%	\$47
Records & Archives	1603	Lighting Systems and Controls	\$85,343	\$1,280	0%	0%	\$0	1%	1%	\$853	1%	2%	\$853
Records & Archives	1604	Building Automated Controls Systems	\$65,571	\$984	0%	0%	\$0	2%	2%	\$1,311	3%	5%	\$1,967
Records & Archives	1605	Building Envelope	\$25,389	\$381	0%	0%	\$0	0%	0%	\$0	2%	2%	\$508
Records & Archives	1606	Water Conservation	\$1,084	\$16	0%	0%	\$0	0%	0%	\$0	3%	3%	\$33
Records & Archives	1607	Electric Distribution and Transformers	\$32,355	\$485	0%	0%	\$0	0%	0%	\$0	0%	0%	\$0
Records & Archives	1608	Renewable Energy	\$217,799	\$3,267	0%	0%	\$0	0%	0%	\$0	3%	3%	\$6,534
M&S Building	1702	Lighting Systems and Controls	\$174,319	\$2,615	0%	0%	\$0	1%	1%	\$1,743	1%	2%	\$1,743
M&S Building	1704	Building Automated Controls Systems	\$68,245	\$1,024	0%	0%	\$0	2%	2%	\$1,365	3%	5%	\$2,047
M&S Building	1705	Building Envelope	\$8,086	\$121	0%	0%	\$0	0%	0%	\$0	2%	2%	\$162
M&S Building	1706	Water Conservation	\$10,211	\$153	0%	0%	\$0	0%	0%	\$0	3%	3%	\$306
Philbrook Building	1803	Lighting Systems and Controls	\$53,803	\$807	0%	0%	\$0	1%	1%	\$538	1%	2%	\$538
Philbrook Building	1804	Building Envelope	\$5,082	\$76	0%	0%	\$0	0%	0%	\$0	2%	2%	\$102
Philbrook Building	1805	Building Automated Controls Systems	\$59,769	\$897	0%	0%	\$0	2%	2%	\$1,195	3%	5%	\$1,793
Philbrook Building	1850	DPW fee	\$1,353	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Department of Justice	1903	Lighting Systems and Controls	\$133,976	\$2,010	0%	0%	\$0	1%	1%	\$1,340	1%	2%	\$1,340
Department of Justice	1905	Water Conservation	\$1,255	\$19	0%	0%	\$0	0%	0%	\$0	3%	3%	\$38
Department of Justice	1906	Building Automated Controls Systems	\$140,213	\$2,103	0%	0%	\$0	2%	2%	\$2,804	3%	5%	\$4,206
Department of Justice	1950	DPW fee, Group D	\$2,641	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Howard Recreation Building	2003	Building Automated Controls Systems	\$24,248	\$364	0%	0%	\$0	2%	2%	\$485	3%	5%	\$727
Twitchell Hall	2104	Water Conservation	\$1,465	\$22	0%	0%	\$0	0%	0%	\$0	3%	3%	\$44

Exhibit B, Schedule of Values and Expected Monthly Draws

Building	ECM#	ECM Construction Type	ECM Installed cost (\$)	Cost of 5-year M&V	May 2018			Jun 2018			Jul 2018		
					Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Twitchell Hall	2105	Building Envelope	\$4,149	\$62	0%	0%	\$0	0%	0%	\$0	2%	2%	\$83
Twitchell Hall	2106	Building Envelope	\$16,325	\$245	0%	0%	\$0	0%	0%	\$0	2%	2%	\$326
Twitchell Hall	2107	Heating, Ventilating and Air Conditioning	\$314,055	\$4,711	0%	0%	\$0	0%	0%	\$0	0%	0%	\$0
Twitchell Hall	2150	DPW fee, Group E	\$700	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Pond Place	2202	Water Conservation	\$676	\$10	0%	0%	\$0	0%	0%	\$0	3%	3%	\$20
Pond Place	2203	Building Automated Controls Systems	\$3,392	\$51	0%	0%	\$0	2%	2%	\$68	3%	5%	\$102
Liberty House	2303	Lighting Systems and Controls	\$1,940	\$29	0%	0%	\$0	1%	1%	\$19	1%	2%	\$19
Liberty House	2306	Building Automated Controls Systems	\$691	\$10	0%	0%	\$0	2%	2%	\$14	3%	5%	\$21
Johnson Hall	2403	Lighting Systems and Controls	\$37,791	\$567	0%	0%	\$0	1%	1%	\$378	1%	2%	\$378
Johnson Hall	2404	Building Automated Controls Systems	\$20,461	\$307	0%	0%	\$0	2%	2%	\$409	3%	5%	\$614
Johnson Hall	2406	Water Conservation	\$2,066	\$31	0%	0%	\$0	0%	0%	\$0	3%	3%	\$62
Johnson Hall	2407	Steam Traps and Insulation	\$50,039	\$751	0%	0%	\$0	0%	0%	\$0	3%	3%	\$1,501
Johnson Hall	2408	Building Envelope	\$3,319	\$50	0%	0%	\$0	0%	0%	\$0	2%	2%	\$66
Johnson Hall	2450	DPW fee, Group F	\$796	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Londergan Hall	2503	Lighting Systems and Controls	\$83,065	\$1,246	0%	0%	\$0	1%	1%	\$831	1%	2%	\$831
Londergan Hall	2504	Building Automated Controls Systems	\$14,811	\$222	0%	0%	\$0	2%	2%	\$296	3%	5%	\$444
Londergan Hall	2505	Water Conservation	\$3,506	\$53	0%	0%	\$0	0%	0%	\$0	3%	3%	\$105
Londergan Hall	2507	Building Envelope	\$14,473	\$217	0%	0%	\$0	0%	0%	\$0	2%	2%	\$289
Londergan Hall	2550	DPW fee, Group G	\$121	\$2	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Revenue Administration - 64 South Street	2603	Lighting Systems and Controls	\$46,084	\$691	0%	0%	\$0	1%	1%	\$461	1%	2%	\$461
Revenue Administration - 64 South Street	2604	Building Automated Controls Systems	\$85,510	\$1,283	0%	0%	\$0	2%	2%	\$1,710	3%	5%	\$2,565
Revenue Administration - 64 South Street	2605	Building Envelope	\$2,302	\$35	0%	0%	\$0	0%	0%	\$0	2%	2%	\$46

Exhibit B, Schedule of Values and Expected Monthly Draws

Building	ECM#	ECM Construction Type	ECM Installed cost (\$)	Cost of 5-year M&V	May 2018			Jun 2018			Jul 2018		
					Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Revenue Administration - 64 South Street	2606	Water Conservation	\$1,156	\$17	0%	0%	\$0	0%	0%	\$0	3%	3%	\$35
Revenue Administration - 64 South Street	2607	Steam Traps and Insulation	\$60,512	\$908	0%	0%	\$0	0%	0%	\$0	3%	3%	\$1,815
Revenue Administration - 64 South Street	2650	DPW fee, Group H	\$2,230	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Spaulding Hall	2703	Lighting Systems and Controls	\$65,520	\$983	0%	0%	\$0	1%	1%	\$655	1%	2%	\$655
Spaulding Hall	2704	Building Automated Controls Systems	\$44,537	\$668	0%	0%	\$0	2%	2%	\$891	3%	5%	\$1,336
Spaulding Hall	2705	Building Envelope	\$32,891	\$493	0%	0%	\$0	0%	0%	\$0	2%	2%	\$658
Spaulding Hall	2706	Water Conservation	\$1,277	\$19	0%	0%	\$0	0%	0%	\$0	3%	3%	\$38
Spaulding Hall	2750	DPW fee, Group I	\$1,145	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Storrs Street Warehouse	2803	Lighting Systems and Controls	\$55,234	\$829	0%	0%	\$0	1%	1%	\$552	1%	2%	\$552
Storrs Street Warehouse	2804	Water Conservation	\$967	\$15	0%	0%	\$0	0%	0%	\$0	3%	3%	\$29
Storrs Street Warehouse	2805	Building Automated Controls Systems	\$43,409	\$651	0%	0%	\$0	2%	2%	\$868	3%	5%	\$1,302
Storrs Street Warehouse	2850	DPW fee, Group J	\$636	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0

Total ECM Costs and DPW Fees
 ConEdison Construction Draws
 DPW Fee Draws

\$7,614,807
\$7,529,807
\$85,000
\$7,614,807

May 2018
\$0
\$0

Jun 2018
\$62,526
\$706

Jul 2018
\$143,082
\$1,615

Total 5-year M&V Costs: **\$112,948**
 Total Financed Cost: **\$7,727,755**

Annual M&V
\$22,590

Exhibit B, Schedule of Values

Building	ECM#	Aug 2018			Sep 2018			Oct 2018			Nov 2018		
		Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Annex SOPS	101	4%	9%	\$668	5%	14%	\$835	6%	20%	\$1,002	7%	27%	\$1,169
Annex SOPS	102	5%	8%	\$460	7%	15%	\$644	8%	23%	\$736	9%	32%	\$828
Annex SOPS	103	10%	12%	\$3,958	10%	22%	\$3,958	20%	42%	\$7,915	20%	62%	\$7,915
Annex SOPS	104	10%	12%	\$20,174	10%	22%	\$20,174	20%	42%	\$40,348	20%	62%	\$40,348
Main Building	203	8%	10%	\$14,770	10%	20%	\$18,463	10%	30%	\$18,463	10%	40%	\$18,463
Main Building	206	8%	10%	\$1,047	10%	20%	\$1,309	10%	30%	\$1,309	10%	40%	\$1,309
Main Building	209	8%	10%	\$2,895	10%	20%	\$3,619	10%	30%	\$3,619	10%	40%	\$3,619
Main Building	210	4%	9%	\$13,911	5%	14%	\$17,389	6%	20%	\$20,867	7%	27%	\$24,345
Main Building	211	4%	9%	\$996	5%	14%	\$1,245	6%	20%	\$1,493	7%	27%	\$1,742
Main Building	212	5%	8%	\$12,072	7%	15%	\$16,901	8%	23%	\$19,315	9%	32%	\$21,729
Main Building	215	10%	12%	\$37,928	10%	22%	\$37,928	20%	42%	\$75,855	20%	62%	\$75,855
Main Building	216	10%	12%	\$28,252	10%	22%	\$28,252	20%	42%	\$56,504	20%	62%	\$56,504
Main Building	217	5%	8%	\$1,623	7%	15%	\$2,272	8%	23%	\$2,596	9%	32%	\$2,921
Main Building	220	2%	2%	\$2,775	2%	4%	\$2,775	12%	16%	\$16,651	14%	30%	\$19,426
Main Building	221	2%	2%	\$277	2%	4%	\$277	12%	16%	\$1,664	14%	30%	\$1,941
Main Building	222	2%	2%	\$555	2%	4%	\$555	12%	16%	\$3,328	14%	30%	\$3,883
Main Building	225	10%	12%	\$0	10%	22%	\$0	20%	42%	\$0	20%	62%	\$0
Main Building	226	4%	9%	\$0	5%	14%	\$0	6%	20%	\$0	7%	27%	\$0
Main Building	250	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Thayer Hall	303	8%	10%	\$8,214	10%	20%	\$10,268	10%	30%	\$10,268	10%	40%	\$10,268
Thayer Hall	304	4%	9%	\$2,814	5%	14%	\$3,517	6%	20%	\$4,220	7%	27%	\$4,924
Thayer Hall	305	5%	8%	\$5,759	7%	15%	\$8,063	8%	23%	\$9,215	9%	32%	\$10,367

Exhibit B, Schedule of Values

Building	ECM#	Aug 2018			Sep 2018			Oct 2018			Nov 2018		
		Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Thayer Hall	306	10%	12%	\$15,487	10%	22%	\$15,487	20%	42%	\$30,974	20%	62%	\$30,974
Dolloff Building	403	8%	10%	\$7,188	10%	20%	\$8,985	10%	30%	\$8,985	10%	40%	\$8,985
Dolloff Building	404	10%	12%	\$221	10%	22%	\$221	20%	42%	\$443	20%	62%	\$443
Dolloff Building	405	10%	12%	\$3,466	10%	22%	\$3,466	20%	42%	\$6,932	20%	62%	\$6,932
Dolloff Building	406	5%	8%	\$455	7%	15%	\$637	8%	23%	\$728	9%	32%	\$819
Brown Building	507	8%	10%	\$37,857	10%	20%	\$47,321	10%	30%	\$47,321	10%	40%	\$47,321
Brown Building	508	8%	10%	\$1,122	10%	20%	\$1,402	10%	30%	\$1,402	10%	40%	\$1,402
Brown Building	509	8%	10%	\$1,434	10%	20%	\$1,793	10%	30%	\$1,793	10%	40%	\$1,793
Brown Building	510	10%	12%	\$824	10%	22%	\$824	20%	42%	\$1,648	20%	62%	\$1,648
Brown Building	511	10%	12%	\$138	10%	22%	\$138	20%	42%	\$277	20%	62%	\$277
Brown Building	513	4%	9%	\$11,537	5%	14%	\$14,421	6%	20%	\$17,305	7%	27%	\$20,189
Brown Building	514	25%	30%	\$5,994	30%	60%	\$7,193	30%	90%	\$7,193	10%	100%	\$2,398
Brown Building	515	2%	2%	\$5,421	2%	4%	\$5,421	12%	16%	\$32,525	14%	30%	\$37,946
NHH Warehouse	601	8%	10%	\$67	10%	20%	\$84	10%	30%	\$84	10%	40%	\$84
Transportation Garage	703	8%	10%	\$1,025	10%	20%	\$1,281	10%	30%	\$1,281	10%	40%	\$1,281
Transportation Garage	704	8%	10%	\$1,156	10%	20%	\$1,445	10%	30%	\$1,445	10%	40%	\$1,445
Transportation Garage	705	10%	12%	\$450	10%	22%	\$450	20%	42%	\$899	20%	62%	\$899
Transportation Garage	706	4%	9%	\$778	5%	14%	\$972	6%	20%	\$1,167	7%	27%	\$1,361
Transportation Garage	707	5%	8%	\$5	7%	15%	\$7	8%	23%	\$8	9%	32%	\$9
NH Hospital Laundry	804	4%	9%	\$1,258	5%	14%	\$1,572	6%	20%	\$1,887	7%	27%	\$2,201
NH Hospital Laundry	806	10%	12%	\$4,884	10%	22%	\$4,884	20%	42%	\$9,768	20%	62%	\$9,768
Paint & Carpentry Shops	902	4%	9%	\$578	5%	14%	\$723	6%	20%	\$867	7%	27%	\$1,012
Paint & Carpentry Shops	904	10%	12%	\$2,423	10%	22%	\$2,423	20%	42%	\$4,846	20%	62%	\$4,846

Exhibit B, Schedule of Values

Building	ECM#	Aug 2018			Sep 2018			Oct 2018			Nov 2018		
		Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Grounds Shop	1002	4%	9%	\$743	5%	14%	\$929	6%	20%	\$1,114	7%	27%	\$1,300
Grounds Shop	1004	10%	12%	\$429	10%	22%	\$429	20%	42%	\$859	20%	62%	\$859
State House	1104	4%	9%	\$1,996	5%	14%	\$2,494	6%	20%	\$2,993	7%	27%	\$3,492
State House	1106	5%	8%	\$4,578	7%	15%	\$6,409	8%	23%	\$7,325	9%	32%	\$8,240
State House	1108	10%	12%	\$817	10%	22%	\$817	20%	42%	\$1,633	20%	62%	\$1,633
State House	1150	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
State House Annex	1203	8%	10%	\$8,646	10%	20%	\$10,808	10%	30%	\$10,808	10%	40%	\$10,808
State House Annex	1204	8%	10%	\$14,588	10%	20%	\$18,235	10%	30%	\$18,235	10%	40%	\$18,235
State House Annex	1207	10%	12%	\$969	10%	22%	\$969	20%	42%	\$1,937	20%	62%	\$1,937
State House Annex	1208	4%	9%	\$6,741	5%	14%	\$8,426	6%	20%	\$10,111	7%	27%	\$11,796
State House Annex	1209	4%	9%	\$3,321	5%	14%	\$4,151	6%	20%	\$4,981	7%	27%	\$5,811
State House Annex	1210	4%	9%	\$553	5%	14%	\$691	6%	20%	\$830	7%	27%	\$968
State House Annex	1211	5%	8%	\$8,790	7%	15%	\$12,306	8%	23%	\$14,064	9%	32%	\$15,821
State House Annex	1212	5%	8%	\$103	7%	15%	\$144	8%	23%	\$164	9%	32%	\$185
State Library	1301	8%	10%	\$7,622	10%	20%	\$9,528	10%	30%	\$9,528	10%	40%	\$9,528
State Library	1304	10%	12%	\$640	10%	22%	\$640	20%	42%	\$1,279	20%	62%	\$1,279
State Library	1305	4%	9%	\$1,043	5%	14%	\$1,304	6%	20%	\$1,564	7%	27%	\$1,825
State Library	1306	5%	8%	\$2,175	7%	15%	\$3,045	8%	23%	\$3,480	9%	32%	\$3,915
State Library	1307	5%	8%	\$41	7%	15%	\$58	8%	23%	\$66	9%	32%	\$74
Legislative Office Building	1403	8%	10%	\$9,702	10%	20%	\$12,127	10%	30%	\$12,127	10%	40%	\$12,127
Legislative Office Building	1404	4%	9%	\$11,200	5%	14%	\$14,001	6%	20%	\$16,801	7%	27%	\$19,601
Legislative Office Building	1405	10%	12%	\$2,094	10%	22%	\$2,094	20%	42%	\$4,189	20%	62%	\$4,189

Exhibit B, Schedule of Values

Building	ECM#	Aug 2018			Sep 2018			Oct 2018			Nov 2018		
		Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Legislative Office Building	1407	2%	2%	\$1,211	2%	4%	\$1,211	12%	16%	\$7,265	14%	30%	\$8,476
Upham Walker House	1501	8%	10%	\$29	10%	20%	\$36	10%	30%	\$36	10%	40%	\$36
Upham Walker House	1503	10%	12%	\$237	10%	22%	\$237	20%	42%	\$474	20%	62%	\$474
Records & Archives	1603	8%	10%	\$6,827	10%	20%	\$8,534	10%	30%	\$8,534	10%	40%	\$8,534
Records & Archives	1604	4%	9%	\$2,623	5%	14%	\$3,279	6%	20%	\$3,934	7%	27%	\$4,590
Records & Archives	1605	10%	12%	\$2,539	10%	22%	\$2,539	20%	42%	\$5,078	20%	62%	\$5,078
Records & Archives	1606	5%	8%	\$54	7%	15%	\$76	8%	23%	\$87	9%	32%	\$98
Records & Archives	1607	2%	2%	\$647	2%	4%	\$647	12%	16%	\$3,883	14%	30%	\$4,530
Records & Archives	1608	5%	8%	\$10,890	7%	15%	\$15,246	8%	23%	\$17,424	9%	32%	\$19,602
M&S Building	1702	8%	10%	\$13,945	10%	20%	\$17,432	10%	30%	\$17,432	10%	40%	\$17,432
M&S Building	1704	4%	9%	\$2,730	5%	14%	\$3,412	6%	20%	\$4,095	7%	27%	\$4,777
M&S Building	1705	10%	12%	\$809	10%	22%	\$809	20%	42%	\$1,617	20%	62%	\$1,617
M&S Building	1706	5%	8%	\$511	7%	15%	\$715	8%	23%	\$817	9%	32%	\$919
Philbrook Building	1803	8%	10%	\$4,304	10%	20%	\$5,380	10%	30%	\$5,380	10%	40%	\$5,380
Philbrook Building	1804	10%	12%	\$508	10%	22%	\$508	20%	42%	\$1,016	20%	62%	\$1,016
Philbrook Building	1805	4%	9%	\$2,391	5%	14%	\$2,988	6%	20%	\$3,586	7%	27%	\$4,184
Philbrook Building	1850	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Department of Justice	1903	8%	10%	\$10,718	10%	20%	\$13,398	10%	30%	\$13,398	10%	40%	\$13,398
Department of Justice	1905	5%	8%	\$63	7%	15%	\$88	8%	23%	\$100	9%	32%	\$113
Department of Justice	1906	4%	9%	\$5,609	5%	14%	\$7,011	6%	20%	\$8,413	7%	27%	\$9,815
Department of Justice	1950	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Howard Recreation Building	2003	4%	9%	\$970	5%	14%	\$1,212	6%	20%	\$1,455	7%	27%	\$1,697
Twitchell Hall	2104	5%	8%	\$73	7%	15%	\$103	8%	23%	\$117	9%	32%	\$132

Exhibit B, Schedule of Values

Building	ECM#	Aug 2018			Sep 2018			Oct 2018			Nov 2018		
		Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Twitchell Hall	2105	10%	12%	\$415	10%	22%	\$415	20%	42%	\$830	20%	62%	\$830
Twitchell Hall	2106	10%	12%	\$1,632	10%	22%	\$1,632	20%	42%	\$3,265	20%	62%	\$3,265
Twitchell Hall	2107	2%	2%	\$6,281	10%	12%	\$31,405	18%	30%	\$56,530	18%	48%	\$56,530
Twitchell Hall	2150	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Pond Place	2202	5%	8%	\$34	7%	15%	\$47	8%	23%	\$54	9%	32%	\$61
Pond Place	2203	4%	9%	\$136	5%	14%	\$170	6%	20%	\$204	7%	27%	\$237
Liberty House	2303	8%	10%	\$155	10%	20%	\$194	10%	30%	\$194	10%	40%	\$194
Liberty House	2306	4%	9%	\$28	5%	14%	\$35	6%	20%	\$41	7%	27%	\$48
Johnson Hall	2403	8%	10%	\$3,023	10%	20%	\$3,779	10%	30%	\$3,779	10%	40%	\$3,779
Johnson Hall	2404	4%	9%	\$818	5%	14%	\$1,023	6%	20%	\$1,228	7%	27%	\$1,432
Johnson Hall	2406	5%	8%	\$103	7%	15%	\$145	8%	23%	\$165	9%	32%	\$186
Johnson Hall	2407	5%	8%	\$2,502	7%	15%	\$3,503	8%	23%	\$4,003	9%	32%	\$4,503
Johnson Hall	2408	10%	12%	\$332	10%	22%	\$332	20%	42%	\$664	20%	62%	\$664
Johnson Hall	2450	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Londergan Hall	2503	8%	10%	\$6,645	10%	20%	\$8,306	10%	30%	\$8,306	10%	40%	\$8,306
Londergan Hall	2504	4%	9%	\$592	5%	14%	\$741	6%	20%	\$889	7%	27%	\$1,037
Londergan Hall	2505	5%	8%	\$175	7%	15%	\$245	8%	23%	\$280	9%	32%	\$316
Londergan Hall	2507	10%	12%	\$1,447	10%	22%	\$1,447	20%	42%	\$2,895	20%	62%	\$2,895
Londergan Hall	2550	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Revenue Administration - 64 South Street	2603	8%	10%	\$3,687	10%	20%	\$4,608	10%	30%	\$4,608	10%	40%	\$4,608
Revenue Administration - 64 South Street	2604	4%	9%	\$3,420	5%	14%	\$4,275	6%	20%	\$5,131	7%	27%	\$5,986
Revenue Administration - 64 South Street	2605	10%	12%	\$230	10%	22%	\$230	20%	42%	\$460	20%	62%	\$460

Exhibit B, Schedule of Values

Building	ECM#	Aug 2018			Sep 2018			Oct 2018			Nov 2018		
		Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Revenue Administration - 64 South Street	2606	5%	8%	\$58	7%	15%	\$81	8%	23%	\$93	9%	32%	\$104
Revenue Administration - 64 South Street	2607	5%	8%	\$3,026	7%	15%	\$4,236	8%	23%	\$4,841	9%	32%	\$5,446
Revenue Administration - 64 South Street	2650	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Spaulding Hall	2703	8%	10%	\$5,242	10%	20%	\$6,552	10%	30%	\$6,552	10%	40%	\$6,552
Spaulding Hall	2704	4%	9%	\$1,781	5%	14%	\$2,227	6%	20%	\$2,672	7%	27%	\$3,118
Spaulding Hall	2705	10%	12%	\$3,289	10%	22%	\$3,289	20%	42%	\$6,578	20%	62%	\$6,578
Spaulding Hall	2706	5%	8%	\$64	7%	15%	\$89	8%	23%	\$102	9%	32%	\$115
Spaulding Hall	2750	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Storrs Street Warehouse	2803	8%	10%	\$4,419	10%	20%	\$5,523	10%	30%	\$5,523	10%	40%	\$5,523
Storrs Street Warehouse	2804	5%	8%	\$48	7%	15%	\$68	8%	23%	\$77	9%	32%	\$87
Storrs Street Warehouse	2805	4%	9%	\$1,736	5%	14%	\$2,170	6%	20%	\$2,605	7%	27%	\$3,039
Storrs Street Warehouse	2850	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0

Total ECM Costs and DPW Fees
 ConEdison Construction Draws
 DPW Fee Draws

Aug 2018
\$468,711
 \$5,291

Sep 2018
\$580,823
 \$6,557

Oct 2018
\$825,943
 \$9,324

Nov 2018
\$863,009
 \$9,742

Exhibit B, Schedule of Values

Building	ECM#	Dec 2018			Jan 2019			Feb 2019			Mar 2019		
		Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Annex SOPS	101	10%	37%	\$1,670	12%	49%	\$2,004	11%	60%	\$1,837	10%	70%	\$1,670
Annex SOPS	102	10%	42%	\$920	12%	54%	\$1,104	12%	66%	\$1,104	9%	75%	\$828
Annex SOPS	103	20%	82%	\$7,915	7%	89%	\$2,770	5%	94%	\$1,979	6%	100%	\$2,375
Annex SOPS	104	20%	82%	\$40,348	7%	89%	\$14,122	5%	94%	\$10,087	6%	100%	\$12,104
Main Building	203	10%	50%	\$18,463	11%	61%	\$20,309	11%	72%	\$20,309	10%	82%	\$18,463
Main Building	206	10%	50%	\$1,309	11%	61%	\$1,439	11%	72%	\$1,439	10%	82%	\$1,309
Main Building	209	10%	50%	\$3,619	11%	61%	\$3,981	11%	72%	\$3,981	10%	82%	\$3,619
Main Building	210	10%	37%	\$34,778	12%	49%	\$41,734	11%	60%	\$38,256	10%	70%	\$34,778
Main Building	211	10%	37%	\$2,489	12%	49%	\$2,987	11%	60%	\$2,738	10%	70%	\$2,489
Main Building	212	10%	42%	\$24,144	12%	54%	\$28,972	12%	66%	\$28,972	9%	75%	\$21,729
Main Building	215	20%	82%	\$75,855	7%	89%	\$26,549	5%	94%	\$18,964	6%	100%	\$22,757
Main Building	216	20%	82%	\$56,504	7%	89%	\$19,777	5%	94%	\$14,126	6%	100%	\$16,951
Main Building	217	10%	42%	\$3,245	12%	54%	\$3,894	12%	66%	\$3,894	9%	75%	\$2,921
Main Building	220	16%	46%	\$22,201	16%	62%	\$22,201	16%	78%	\$22,201	12%	90%	\$16,651
Main Building	221	16%	46%	\$2,218	16%	62%	\$2,218	16%	78%	\$2,218	12%	90%	\$1,664
Main Building	222	16%	46%	\$4,438	16%	62%	\$4,438	16%	78%	\$4,438	12%	90%	\$3,328
Main Building	225	20%	82%	\$0	7%	89%	\$0	5%	94%	\$0	6%	100%	\$0
Main Building	226	10%	37%	\$0	12%	49%	\$0	11%	60%	\$0	10%	70%	\$0
Main Building	250	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Thayer Hall	303	10%	50%	\$10,268	11%	61%	\$11,294	11%	72%	\$11,294	10%	82%	\$10,268
Thayer Hall	304	10%	37%	\$7,034	12%	49%	\$8,441	11%	60%	\$7,738	10%	70%	\$7,034
Thayer Hall	305	10%	42%	\$11,519	12%	54%	\$13,823	12%	66%	\$13,823	9%	75%	\$10,367

Exhibit B, Schedule of Values

Building	ECM#	Dec 2018			Jan 2019			Feb 2019			Mar 2019		
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Thayer Hall	306	20%	82%	\$30,974	7%	89%	\$10,841	5%	94%	\$7,744	6%	100%	\$9,292
Dolloff Building	403	10%	50%	\$8,985	11%	61%	\$9,883	11%	72%	\$9,883	10%	82%	\$8,985
Dolloff Building	404	20%	82%	\$443	7%	89%	\$155	5%	94%	\$111	6%	100%	\$133
Dolloff Building	405	20%	82%	\$6,932	7%	89%	\$2,426	5%	94%	\$1,733	6%	100%	\$2,079
Dolloff Building	406	10%	42%	\$910	12%	54%	\$1,092	12%	66%	\$1,092	9%	75%	\$819
Brown Building	507	10%	50%	\$47,321	11%	61%	\$52,053	11%	72%	\$52,053	10%	82%	\$47,321
Brown Building	508	10%	50%	\$1,402	11%	61%	\$1,542	11%	72%	\$1,542	10%	82%	\$1,402
Brown Building	509	10%	50%	\$1,793	11%	61%	\$1,972	11%	72%	\$1,972	10%	82%	\$1,793
Brown Building	510	20%	82%	\$1,648	7%	89%	\$577	5%	94%	\$412	6%	100%	\$494
Brown Building	511	20%	82%	\$277	7%	89%	\$97	5%	94%	\$69	6%	100%	\$83
Brown Building	513	10%	37%	\$28,841	12%	49%	\$34,610	11%	60%	\$31,725	10%	70%	\$28,841
Brown Building	514	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Brown Building	515	16%	46%	\$43,367	16%	62%	\$43,367	16%	78%	\$43,367	12%	90%	\$32,525
NHH Warehouse	601	10%	50%	\$84	11%	61%	\$93	11%	72%	\$93	10%	82%	\$84
Transportation Garage	703	10%	50%	\$1,281	11%	61%	\$1,410	11%	72%	\$1,410	10%	82%	\$1,281
Transportation Garage	704	10%	50%	\$1,445	11%	61%	\$1,590	11%	72%	\$1,590	10%	82%	\$1,445
Transportation Garage	705	20%	82%	\$899	7%	89%	\$315	5%	94%	\$225	6%	100%	\$270
Transportation Garage	706	10%	37%	\$1,945	12%	49%	\$2,334	11%	60%	\$2,139	10%	70%	\$1,945
Transportation Garage	707	10%	42%	\$10	12%	54%	\$12	12%	66%	\$12	9%	75%	\$9
NH Hospital Laundry	804	10%	37%	\$3,144	12%	49%	\$3,773	11%	60%	\$3,459	10%	70%	\$3,144
NH Hospital Laundry	806	20%	82%	\$9,768	7%	89%	\$3,419	5%	94%	\$2,442	6%	100%	\$2,931
Paint & Carpentry Shops	902	10%	37%	\$1,446	12%	49%	\$1,735	11%	60%	\$1,590	10%	70%	\$1,446
Paint & Carpentry Shops	904	20%	82%	\$4,846	7%	89%	\$1,696	5%	94%	\$1,211	6%	100%	\$1,454

Exhibit B, Schedule of Values

Building	ECM#	Dec 2018			Jan 2019			Feb 2019			Mar 2019		
		Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Grounds Shop	1002	10%	37%	\$1,857	12%	49%	\$2,229	11%	60%	\$2,043	10%	70%	\$1,857
Grounds Shop	1004	20%	82%	\$859	7%	89%	\$301	5%	94%	\$215	6%	100%	\$258
State House	1104	10%	37%	\$4,989	12%	49%	\$5,987	11%	60%	\$5,488	10%	70%	\$4,989
State House	1106	10%	42%	\$9,156	12%	54%	\$10,987	12%	66%	\$10,987	9%	75%	\$8,240
State House	1108	20%	82%	\$1,633	7%	89%	\$572	5%	94%	\$408	6%	100%	\$490
State House	1150	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
State House Annex	1203	10%	50%	\$10,808	11%	61%	\$11,888	11%	72%	\$11,888	10%	82%	\$10,808
State House Annex	1204	10%	50%	\$18,235	11%	61%	\$20,058	11%	72%	\$20,058	10%	82%	\$18,235
State House Annex	1207	20%	82%	\$1,937	7%	89%	\$678	5%	94%	\$484	6%	100%	\$581
State House Annex	1208	10%	37%	\$16,852	12%	49%	\$20,222	11%	60%	\$18,537	10%	70%	\$16,852
State House Annex	1209	10%	37%	\$8,302	12%	49%	\$9,963	11%	60%	\$9,132	10%	70%	\$8,302
State House Annex	1210	10%	37%	\$1,383	12%	49%	\$1,659	11%	60%	\$1,521	10%	70%	\$1,383
State House Annex	1211	10%	42%	\$17,579	12%	54%	\$21,095	12%	66%	\$21,095	9%	75%	\$15,821
State House Annex	1212	10%	42%	\$206	12%	54%	\$247	12%	66%	\$247	9%	75%	\$185
State Library	1301	10%	50%	\$9,528	11%	61%	\$10,480	11%	72%	\$10,480	10%	82%	\$9,528
State Library	1304	20%	82%	\$1,279	7%	89%	\$448	5%	94%	\$320	6%	100%	\$384
State Library	1305	10%	37%	\$2,607	12%	49%	\$3,129	11%	60%	\$2,868	10%	70%	\$2,607
State Library	1306	10%	42%	\$4,350	12%	54%	\$5,219	12%	66%	\$5,219	9%	75%	\$3,915
State Library	1307	10%	42%	\$82	12%	54%	\$99	12%	66%	\$99	9%	75%	\$74
Legislative Office Building	1403	10%	50%	\$12,127	11%	61%	\$13,340	11%	72%	\$13,340	10%	82%	\$12,127
Legislative Office Building	1404	10%	37%	\$28,001	12%	49%	\$33,601	11%	60%	\$30,801	10%	70%	\$28,001
Legislative Office Building	1405	20%	82%	\$4,189	7%	89%	\$1,466	5%	94%	\$1,047	6%	100%	\$1,257

Exhibit B, Schedule of Values

Building	ECM#	Dec 2018			Jan 2019			Feb 2019			Mar 2019		
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Legislative Office Building	1407	16%	46%	\$9,687	16%	62%	\$9,687	16%	78%	\$9,687	12%	90%	\$7,265
Upham Walker House	1501	10%	50%	\$36	11%	61%	\$40	11%	72%	\$40	10%	82%	\$36
Upham Walker House	1503	20%	82%	\$474	7%	89%	\$166	5%	94%	\$119	6%	100%	\$142
Records & Archives	1603	10%	50%	\$8,534	11%	61%	\$9,388	11%	72%	\$9,388	10%	82%	\$8,534
Records & Archives	1604	10%	37%	\$6,557	12%	49%	\$7,868	11%	60%	\$7,213	10%	70%	\$6,557
Records & Archives	1605	20%	82%	\$5,078	7%	89%	\$1,777	5%	94%	\$1,269	6%	100%	\$1,523
Records & Archives	1606	10%	42%	\$108	12%	54%	\$130	12%	66%	\$130	9%	75%	\$98
Records & Archives	1607	16%	46%	\$5,177	16%	62%	\$5,177	16%	78%	\$5,177	12%	90%	\$3,883
Records & Archives	1608	10%	42%	\$21,780	12%	54%	\$26,136	12%	66%	\$26,136	9%	75%	\$19,602
M&S Building	1702	10%	50%	\$17,432	11%	61%	\$19,175	11%	72%	\$19,175	10%	82%	\$17,432
M&S Building	1704	10%	37%	\$6,825	12%	49%	\$8,189	11%	60%	\$7,507	10%	70%	\$6,825
M&S Building	1705	20%	82%	\$1,617	7%	89%	\$566	5%	94%	\$404	6%	100%	\$485
M&S Building	1706	10%	42%	\$1,021	12%	54%	\$1,225	12%	66%	\$1,225	9%	75%	\$919
Philbrook Building	1803	10%	50%	\$5,380	11%	61%	\$5,918	11%	72%	\$5,918	10%	82%	\$5,380
Philbrook Building	1804	20%	82%	\$1,016	7%	89%	\$356	5%	94%	\$254	6%	100%	\$305
Philbrook Building	1805	10%	37%	\$5,977	12%	49%	\$7,172	11%	60%	\$6,575	10%	70%	\$5,977
Philbrook Building	1850	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Department of Justice	1903	10%	50%	\$13,398	11%	61%	\$14,737	11%	72%	\$14,737	10%	82%	\$13,398
Department of Justice	1905	10%	42%	\$126	12%	54%	\$151	12%	66%	\$151	9%	75%	\$113
Department of Justice	1906	10%	37%	\$14,021	12%	49%	\$16,826	11%	60%	\$15,423	10%	70%	\$14,021
Department of Justice	1950	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Howard Recreation Building	2003	10%	37%	\$2,425	12%	49%	\$2,910	11%	60%	\$2,667	10%	70%	\$2,425
Twitchell Hall	2104	10%	42%	\$146	12%	54%	\$176	12%	66%	\$176	9%	75%	\$132

Exhibit B, Schedule of Values

Building	ECM#	Dec 2018			Jan 2019			Feb 2019			Mar 2019		
		Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Twitchell Hall	2105	20%	82%	\$830	7%	89%	\$290	5%	94%	\$207	6%	100%	\$249
Twitchell Hall	2106	20%	82%	\$3,265	7%	89%	\$1,143	5%	94%	\$816	6%	100%	\$979
Twitchell Hall	2107	10%	58%	\$31,405	10%	68%	\$31,405	7%	75%	\$21,984	2%	77%	\$6,281
Twitchell Hall	2150	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Pond Place	2202	10%	42%	\$68	12%	54%	\$81	12%	66%	\$81	9%	75%	\$61
Pond Place	2203	10%	37%	\$339	12%	49%	\$407	11%	60%	\$373	10%	70%	\$339
Liberty House	2303	10%	50%	\$194	11%	61%	\$213	11%	72%	\$213	10%	82%	\$194
Liberty House	2306	10%	37%	\$69	12%	49%	\$83	11%	60%	\$76	10%	70%	\$69
Johnson Hall	2403	10%	50%	\$3,779	11%	61%	\$4,157	11%	72%	\$4,157	10%	82%	\$3,779
Johnson Hall	2404	10%	37%	\$2,046	12%	49%	\$2,455	11%	60%	\$2,251	10%	70%	\$2,046
Johnson Hall	2406	10%	42%	\$207	12%	54%	\$248	12%	66%	\$248	9%	75%	\$186
Johnson Hall	2407	10%	42%	\$5,004	12%	54%	\$6,005	12%	66%	\$6,005	9%	75%	\$4,503
Johnson Hall	2408	20%	82%	\$664	7%	89%	\$232	5%	94%	\$166	6%	100%	\$199
Johnson Hall	2450	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Londergan Hall	2503	10%	50%	\$8,306	11%	61%	\$9,137	11%	72%	\$9,137	10%	82%	\$8,306
Londergan Hall	2504	10%	37%	\$1,481	12%	49%	\$1,777	11%	60%	\$1,629	10%	70%	\$1,481
Londergan Hall	2505	10%	42%	\$351	12%	54%	\$421	12%	66%	\$421	9%	75%	\$316
Londergan Hall	2507	20%	82%	\$2,895	7%	89%	\$1,013	5%	94%	\$724	6%	100%	\$868
Londergan Hall	2550	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Revenue Administration - 64 South Street	2603	10%	50%	\$4,608	11%	61%	\$5,069	11%	72%	\$5,069	10%	82%	\$4,608
Revenue Administration - 64 South Street	2604	10%	37%	\$8,551	12%	49%	\$10,261	11%	60%	\$9,406	10%	70%	\$8,551
Revenue Administration - 64 South Street	2605	20%	82%	\$460	7%	89%	\$161	5%	94%	\$115	6%	100%	\$138

Exhibit B, Schedule of Values

Building	ECM#	<u>Dec 2018</u>			<u>Jan 2019</u>			<u>Feb 2019</u>			<u>Mar 2019</u>		
		Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Revenue Administration - 64 South Street	2606	10%	42%	\$116	12%	54%	\$139	12%	66%	\$139	9%	75%	\$104
Revenue Administration - 64 South Street	2607	10%	42%	\$6,051	12%	54%	\$7,261	12%	66%	\$7,261	9%	75%	\$5,446
Revenue Administration - 64 South Street	2650	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Spaulding Hall	2703	10%	50%	\$6,552	11%	61%	\$7,207	11%	72%	\$7,207	10%	82%	\$6,552
Spaulding Hall	2704	10%	37%	\$4,454	12%	49%	\$5,344	11%	60%	\$4,899	10%	70%	\$4,454
Spaulding Hall	2705	20%	82%	\$6,578	7%	89%	\$2,302	5%	94%	\$1,645	6%	100%	\$1,973
Spaulding Hall	2706	10%	42%	\$128	12%	54%	\$153	12%	66%	\$153	9%	75%	\$115
Spaulding Hall	2750	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Storrs Street Warehouse	2803	10%	50%	\$5,523	11%	61%	\$6,076	11%	72%	\$6,076	10%	82%	\$5,523
Storrs Street Warehouse	2804	10%	42%	\$97	12%	54%	\$116	12%	66%	\$116	9%	75%	\$87
Storrs Street Warehouse	2805	10%	37%	\$4,341	12%	49%	\$5,209	11%	60%	\$4,775	10%	70%	\$4,341
Storrs Street Warehouse	2850	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0

Total ECM Costs and DPW Fees
 ConEdison Construction Draws
 DPW Fee Draws

Dec 2018
\$917,832
\$10,361

Jan 2019
\$826,853
\$9,334

Feb 2019
\$770,271
\$8,695

Mar 2019
\$671,776
\$7,583

Exhibit B, Schedule of Values

Building	ECM#	Apr 2019			May 2019			Jun 2019			Jul 2019		
		Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Annex SOPS	101	8%	78%	\$1,336	8%	86%	\$1,336	7%	93%	\$1,169	7%	100%	\$1,169
Annex SOPS	102	6%	81%	\$552	6%	87%	\$552	4%	91%	\$368	4%	95%	\$368
Annex SOPS	103	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Annex SOPS	104	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Main Building	203	7%	89%	\$12,924	5%	94%	\$9,231	4%	98%	\$7,385	2%	100%	\$3,693
Main Building	206	7%	89%	\$916	5%	94%	\$654	4%	98%	\$523	2%	100%	\$262
Main Building	209	7%	89%	\$2,533	5%	94%	\$1,810	4%	98%	\$1,448	2%	100%	\$724
Main Building	210	8%	78%	\$27,823	8%	86%	\$27,823	7%	93%	\$24,345	7%	100%	\$24,345
Main Building	211	8%	78%	\$1,991	8%	86%	\$1,991	7%	93%	\$1,742	7%	100%	\$1,742
Main Building	212	6%	81%	\$14,486	6%	87%	\$14,486	4%	91%	\$9,657	4%	95%	\$9,657
Main Building	215	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Main Building	216	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Main Building	217	6%	81%	\$1,947	6%	87%	\$1,947	4%	91%	\$1,298	4%	95%	\$1,298
Main Building	220	10%	100%	\$13,875	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Main Building	221	10%	100%	\$1,386	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Main Building	222	10%	100%	\$2,774	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Main Building	225	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Main Building	226	8%	78%	\$0	8%	86%	\$0	7%	93%	\$0	7%	100%	\$0
Main Building	250	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Thayer Hall	303	7%	89%	\$7,187	5%	94%	\$5,134	4%	98%	\$4,107	2%	100%	\$2,054
Thayer Hall	304	8%	78%	\$5,627	8%	86%	\$5,627	7%	93%	\$4,924	7%	100%	\$4,924
Thayer Hall	305	6%	81%	\$6,911	6%	87%	\$6,911	4%	91%	\$4,608	4%	95%	\$4,608

Exhibit B, Schedule of Values

Building	ECM#	Apr 2019			May 2019			Jun 2019			Jul 2019		
		Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Thayer Hall	306	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Dolloff Building	403	7%	89%	\$6,289	5%	94%	\$4,492	4%	98%	\$3,594	2%	100%	\$1,797
Dolloff Building	404	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Dolloff Building	405	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Dolloff Building	406	6%	81%	\$546	6%	87%	\$546	4%	91%	\$364	4%	95%	\$364
Brown Building	507	7%	89%	\$33,125	5%	94%	\$23,660	4%	98%	\$18,928	2%	100%	\$9,464
Brown Building	508	7%	89%	\$982	5%	94%	\$701	4%	98%	\$561	2%	100%	\$280
Brown Building	509	7%	89%	\$1,255	5%	94%	\$896	4%	98%	\$717	2%	100%	\$359
Brown Building	510	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Brown Building	511	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Brown Building	513	8%	78%	\$23,073	8%	86%	\$23,073	7%	93%	\$20,189	7%	100%	\$20,189
Brown Building	514	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Brown Building	515	10%	100%	\$27,104	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
NHH Warehouse	601	7%	89%	\$59	5%	94%	\$42	4%	98%	\$34	2%	100%	\$17
Transportation Garage	703	7%	89%	\$897	5%	94%	\$641	4%	98%	\$513	2%	100%	\$256
Transportation Garage	704	7%	89%	\$1,012	5%	94%	\$723	4%	98%	\$578	2%	100%	\$289
Transportation Garage	705	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Transportation Garage	706	8%	78%	\$1,556	8%	86%	\$1,556	7%	93%	\$1,361	7%	100%	\$1,361
Transportation Garage	707	6%	81%	\$6	6%	87%	\$6	4%	91%	\$4	4%	95%	\$4
NH Hospital Laundry	804	8%	78%	\$2,516	8%	86%	\$2,516	7%	93%	\$2,201	7%	100%	\$2,201
NH Hospital Laundry	806	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Paint & Carpentry Shops	902	8%	78%	\$1,156	8%	86%	\$1,156	7%	93%	\$1,012	7%	100%	\$1,012
Paint & Carpentry Shops	904	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0

Exhibit B, Schedule of Values

Building	ECM#	Apr 2019			May 2019			Jun 2019			Jul 2019		
		Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Grounds Shop	1002	8%	78%	\$1,486	8%	86%	\$1,486	7%	93%	\$1,300	7%	100%	\$1,300
Grounds Shop	1004	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
State House	1104	8%	78%	\$3,991	8%	86%	\$3,991	7%	93%	\$3,492	7%	100%	\$3,492
State House	1106	6%	81%	\$5,494	6%	87%	\$5,494	4%	91%	\$3,662	4%	95%	\$3,662
State House	1108	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
State House	1150	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
State House Annex	1203	7%	89%	\$7,565	5%	94%	\$5,404	4%	98%	\$4,323	2%	100%	\$2,162
State House Annex	1204	7%	89%	\$12,764	5%	94%	\$9,117	4%	98%	\$7,294	2%	100%	\$3,647
State House Annex	1207	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
State House Annex	1208	8%	78%	\$13,482	8%	86%	\$13,482	7%	93%	\$11,796	7%	100%	\$11,796
State House Annex	1209	8%	78%	\$6,642	8%	86%	\$6,642	7%	93%	\$5,811	7%	100%	\$5,811
State House Annex	1210	8%	78%	\$1,106	8%	86%	\$1,106	7%	93%	\$968	7%	100%	\$968
State House Annex	1211	6%	81%	\$10,548	6%	87%	\$10,548	4%	91%	\$7,032	4%	95%	\$7,032
State House Annex	1212	6%	81%	\$123	6%	87%	\$123	4%	91%	\$82	4%	95%	\$82
State Library	1301	7%	89%	\$6,669	5%	94%	\$4,764	4%	98%	\$3,811	2%	100%	\$1,906
State Library	1304	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
State Library	1305	8%	78%	\$2,086	8%	86%	\$2,086	7%	93%	\$1,825	7%	100%	\$1,825
State Library	1306	6%	81%	\$2,610	6%	87%	\$2,610	4%	91%	\$1,740	4%	95%	\$1,740
State Library	1307	6%	81%	\$49	6%	87%	\$49	4%	91%	\$33	4%	95%	\$33
Legislative Office Building	1403	7%	89%	\$8,489	5%	94%	\$6,064	4%	98%	\$4,851	2%	100%	\$2,425
Legislative Office Building	1404	8%	78%	\$22,401	8%	86%	\$22,401	7%	93%	\$19,601	7%	100%	\$19,601
Legislative Office Building	1405	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0

Exhibit B, Schedule of Values

Building	ECM#	Apr 2019			May 2019			Jun 2019			Jul 2019		
		Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Legislative Office Building	1407	10%	100%	\$6,054	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Upham Walker House	1501	7%	89%	\$25	5%	94%	\$18	4%	98%	\$14	2%	100%	\$7
Upham Walker House	1503	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Records & Archives	1603	7%	89%	\$5,974	5%	94%	\$4,267	4%	98%	\$3,414	2%	100%	\$1,707
Records & Archives	1604	8%	78%	\$5,246	8%	86%	\$5,246	7%	93%	\$4,590	7%	100%	\$4,590
Records & Archives	1605	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Records & Archives	1606	6%	81%	\$65	6%	87%	\$65	4%	91%	\$43	4%	95%	\$43
Records & Archives	1607	10%	100%	\$3,236	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Records & Archives	1608	7%	82%	\$15,246	7%	89%	\$15,246	5%	94%	\$10,890	6%	100%	\$13,068
M&S Building	1702	7%	89%	\$12,202	5%	94%	\$8,716	4%	98%	\$6,973	2%	100%	\$3,486
M&S Building	1704	8%	78%	\$5,460	8%	86%	\$5,460	7%	93%	\$4,777	7%	100%	\$4,777
M&S Building	1705	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
M&S Building	1706	6%	81%	\$613	6%	87%	\$613	4%	91%	\$408	4%	95%	\$408
Philbrook Building	1803	7%	89%	\$3,766	5%	94%	\$2,690	4%	98%	\$2,152	2%	100%	\$1,076
Philbrook Building	1804	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Philbrook Building	1805	8%	78%	\$4,782	8%	86%	\$4,782	7%	93%	\$4,184	7%	100%	\$4,184
Philbrook Building	1850	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Department of Justice	1903	7%	89%	\$9,378	5%	94%	\$6,699	4%	98%	\$5,359	2%	100%	\$2,680
Department of Justice	1905	6%	81%	\$75	6%	87%	\$75	4%	91%	\$50	4%	95%	\$50
Department of Justice	1906	8%	78%	\$11,217	8%	86%	\$11,217	7%	93%	\$9,815	7%	100%	\$9,815
Department of Justice	1950	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Howard Recreation Building	2003	8%	78%	\$1,940	8%	86%	\$1,940	7%	93%	\$1,697	7%	100%	\$1,697
Twitchell Hall	2104	6%	81%	\$88	6%	87%	\$88	4%	91%	\$59	4%	95%	\$59

Exhibit B, Schedule of Values

Building	ECM#	Apr 2019			May 2019			Jun 2019			Jul 2019		
		Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Twitchell Hall	2105	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Twitchell Hall	2106	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Twitchell Hall	2107	2%	79%	\$6,281	6%	85%	\$18,843	5%	90%	\$15,703	5%	95%	\$15,703
Twitchell Hall	2150	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Pond Place	2202	6%	81%	\$41	6%	87%	\$41	4%	91%	\$27	4%	95%	\$27
Pond Place	2203	8%	78%	\$271	8%	86%	\$271	7%	93%	\$237	7%	100%	\$237
Liberty House	2303	7%	89%	\$136	5%	94%	\$97	4%	98%	\$78	2%	100%	\$39
Liberty House	2306	8%	78%	\$55	8%	86%	\$55	7%	93%	\$48	7%	100%	\$48
Johnson Hall	2403	7%	89%	\$2,645	5%	94%	\$1,890	4%	98%	\$1,512	2%	100%	\$756
Johnson Hall	2404	8%	78%	\$1,637	8%	86%	\$1,637	7%	93%	\$1,432	7%	100%	\$1,432
Johnson Hall	2406	6%	81%	\$124	6%	87%	\$124	4%	91%	\$83	4%	95%	\$83
Johnson Hall	2407	6%	81%	\$3,002	6%	87%	\$3,002	4%	91%	\$2,002	4%	95%	\$2,002
Johnson Hall	2408	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Johnson Hall	2450	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Londergan Hall	2503	7%	89%	\$5,815	5%	94%	\$4,153	4%	98%	\$3,323	2%	100%	\$1,661
Londergan Hall	2504	8%	78%	\$1,185	8%	86%	\$1,185	7%	93%	\$1,037	7%	100%	\$1,037
Londergan Hall	2505	6%	81%	\$210	6%	87%	\$210	4%	91%	\$140	4%	95%	\$140
Londergan Hall	2507	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Londergan Hall	2550	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Revenue Administration - 64 South Street	2603	7%	89%	\$3,226	5%	94%	\$2,304	4%	98%	\$1,843	2%	100%	\$922
Revenue Administration - 64 South Street	2604	8%	78%	\$6,841	8%	86%	\$6,841	7%	93%	\$5,986	7%	100%	\$5,986
Revenue Administration - 64 South Street	2605	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0

Exhibit B, Schedule of Values

Building	ECM#	<u>Apr 2019</u>			<u>May 2019</u>			<u>Jun 2019</u>			<u>Jul 2019</u>		
		Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Revenue Administration - 64 South Street	2606	6%	81%	\$69	6%	87%	\$69	4%	91%	\$46	4%	95%	\$46
Revenue Administration - 64 South Street	2607	6%	81%	\$3,631	6%	87%	\$3,631	4%	91%	\$2,420	4%	95%	\$2,420
Revenue Administration - 64 South Street	2650	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Spaulding Hall	2703	7%	89%	\$4,586	5%	94%	\$3,276	4%	98%	\$2,621	2%	100%	\$1,310
Spaulding Hall	2704	8%	78%	\$3,563	8%	86%	\$3,563	7%	93%	\$3,118	7%	100%	\$3,118
Spaulding Hall	2705	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0	0%	100%	\$0
Spaulding Hall	2706	6%	81%	\$77	6%	87%	\$77	4%	91%	\$51	4%	95%	\$51
Spaulding Hall	2750	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0
Storrs Street Warehouse	2803	7%	89%	\$3,866	5%	94%	\$2,762	4%	98%	\$2,209	2%	100%	\$1,105
Storrs Street Warehouse	2804	6%	81%	\$58	6%	87%	\$58	4%	91%	\$39	4%	95%	\$39
Storrs Street Warehouse	2805	8%	78%	\$3,473	8%	86%	\$3,473	7%	93%	\$3,039	7%	100%	\$3,039
Storrs Street Warehouse	2850	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0	n/a	n/a	\$0

Total ECM Costs and DPW Fees
 ConEdison Construction Draws
 DPW Fee Draws

Apr 2019
\$443,508
\$5,007

May 2019
\$357,559
\$4,036

Jun 2019
\$290,671
\$3,281

Jul 2019
\$248,767
\$2,808

Exhibit B, Schedule of Values

Building	ECM#	Aug 2019			Sep 2019		
		Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Annex SOPS	101	0%	100%	\$0	0%	100%	\$0
Annex SOPS	102	5%	100%	\$460	0%	100%	\$0
Annex SOPS	103	0%	100%	\$0	0%	100%	\$0
Annex SOPS	104	0%	100%	\$0	0%	100%	\$0
Main Building	203	0%	100%	\$0	0%	100%	\$0
Main Building	206	0%	100%	\$0	0%	100%	\$0
Main Building	209	0%	100%	\$0	0%	100%	\$0
Main Building	210	0%	100%	\$0	0%	100%	\$0
Main Building	211	0%	100%	\$0	0%	100%	\$0
Main Building	212	5%	100%	\$12,072	0%	100%	\$0
Main Building	215	0%	100%	\$0	0%	100%	\$0
Main Building	216	0%	100%	\$0	0%	100%	\$0
Main Building	217	5%	100%	\$1,623	0%	100%	\$0
Main Building	220	0%	100%	\$0	0%	100%	\$0
Main Building	221	0%	100%	\$0	0%	100%	\$0
Main Building	222	0%	100%	\$0	0%	100%	\$0
Main Building	225	0%	100%	\$0	0%	100%	\$0
Main Building	226	0%	100%	\$0	0%	100%	\$0
Main Building	250	n/a	n/a	\$0	n/a	n/a	\$0
Thayer Hall	303	0%	100%	\$0	0%	100%	\$0
Thayer Hall	304	0%	100%	\$0	0%	100%	\$0
Thayer Hall	305	5%	100%	\$5,759	0%	100%	\$0

Exhibit B, Schedule of Values

Building	ECM#	Aug 2019			Sep 2019		
		Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Thayer Hall	306	0%	100%	\$0	0%	100%	\$0
Dolloff Building	403	0%	100%	\$0	0%	100%	\$0
Dolloff Building	404	0%	100%	\$0	0%	100%	\$0
Dolloff Building	405	0%	100%	\$0	0%	100%	\$0
Dolloff Building	406	5%	100%	\$455	0%	100%	\$0
Brown Building	507	0%	100%	\$0	0%	100%	\$0
Brown Building	508	0%	100%	\$0	0%	100%	\$0
Brown Building	509	0%	100%	\$0	0%	100%	\$0
Brown Building	510	0%	100%	\$0	0%	100%	\$0
Brown Building	511	0%	100%	\$0	0%	100%	\$0
Brown Building	513	0%	100%	\$0	0%	100%	\$0
Brown Building	514	0%	100%	\$0	0%	100%	\$0
Brown Building	515	0%	100%	\$0	0%	100%	\$0
NHH Warehouse	601	0%	100%	\$0	0%	100%	\$0
Transportation Garage	703	0%	100%	\$0	0%	100%	\$0
Transportation Garage	704	0%	100%	\$0	0%	100%	\$0
Transportation Garage	705	0%	100%	\$0	0%	100%	\$0
Transportation Garage	706	0%	100%	\$0	0%	100%	\$0
Transportation Garage	707	5%	100%	\$5	0%	100%	\$0
NH Hospital Laundry	804	0%	100%	\$0	0%	100%	\$0
NH Hospital Laundry	806	0%	100%	\$0	0%	100%	\$0
Paint & Carpentry Shops	902	0%	100%	\$0	0%	100%	\$0
Paint & Carpentry Shops	904	0%	100%	\$0	0%	100%	\$0

Exhibit B, Schedule of Values

Building	ECM#	Aug 2019			Sep 2019		
		Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Grounds Shop	1002	0%	100%	\$0	0%	100%	\$0
Grounds Shop	1004	0%	100%	\$0	0%	100%	\$0
State House	1104	0%	100%	\$0	0%	100%	\$0
State House	1106	5%	100%	\$4,578	0%	100%	\$0
State House	1108	0%	100%	\$0	0%	100%	\$0
State House	1150	n/a	n/a	\$0	n/a	n/a	\$0
State House Annex	1203	0%	100%	\$0	0%	100%	\$0
State House Annex	1204	0%	100%	\$0	0%	100%	\$0
State House Annex	1207	0%	100%	\$0	0%	100%	\$0
State House Annex	1208	0%	100%	\$0	0%	100%	\$0
State House Annex	1209	0%	100%	\$0	0%	100%	\$0
State House Annex	1210	0%	100%	\$0	0%	100%	\$0
State House Annex	1211	5%	100%	\$8,790	0%	100%	\$0
State House Annex	1212	5%	100%	\$103	0%	100%	\$0
State Library	1301	0%	100%	\$0	0%	100%	\$0
State Library	1304	0%	100%	\$0	0%	100%	\$0
State Library	1305	0%	100%	\$0	0%	100%	\$0
State Library	1306	5%	100%	\$2,175	0%	100%	\$0
State Library	1307	5%	100%	\$41	0%	100%	\$0
Legislative Office Building	1403	0%	100%	\$0	0%	100%	\$0
Legislative Office Building	1404	0%	100%	\$0	0%	100%	\$0
Legislative Office Building	1405	0%	100%	\$0	0%	100%	\$0

Exhibit B, Schedule of Values

Building	ECM#	Aug 2019			Sep 2019		
		Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Legislative Office Building	1407	0%	100%	\$0	0%	100%	\$0
Upham Walker House	1501	0%	100%	\$0	0%	100%	\$0
Upham Walker House	1503	0%	100%	\$0	0%	100%	\$0
Records & Archives	1603	0%	100%	\$0	0%	100%	\$0
Records & Archives	1604	0%	100%	\$0	0%	100%	\$0
Records & Archives	1605	0%	100%	\$0	0%	100%	\$0
Records & Archives	1606	5%	100%	\$54	0%	100%	\$0
Records & Archives	1607	0%	100%	\$0	0%	100%	\$0
Records & Archives	1608	0%	100%	\$0	0%	100%	\$0
M&S Building	1702	0%	100%	\$0	0%	100%	\$0
M&S Building	1704	0%	100%	\$0	0%	100%	\$0
M&S Building	1705	0%	100%	\$0	0%	100%	\$0
M&S Building	1706	5%	100%	\$511	0%	100%	\$0
Philbrook Building	1803	0%	100%	\$0	0%	100%	\$0
Philbrook Building	1804	0%	100%	\$0	0%	100%	\$0
Philbrook Building	1805	0%	100%	\$0	0%	100%	\$0
Philbrook Building	1850	n/a	n/a	\$0	n/a	n/a	\$0
Department of Justice	1903	0%	100%	\$0	0%	100%	\$0
Department of Justice	1905	5%	100%	\$63	0%	100%	\$0
Department of Justice	1906	0%	100%	\$0	0%	100%	\$0
Department of Justice	1950	n/a	n/a	\$0	n/a	n/a	\$0
Howard Recreation Building	2003	0%	100%	\$0	0%	100%	\$0
Twitchell Hall	2104	5%	100%	\$73	0%	100%	\$0

Exhibit B, Schedule of Values

Building	ECM#	Aug 2019			Sep 2019		
		Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Twitchell Hall	2105	0%	100%	\$0	0%	100%	\$0
Twitchell Hall	2106	0%	100%	\$0	0%	100%	\$0
Twitchell Hall	2107	5%	100%	\$15,703	0%	100%	\$0
Twitchell Hall	2150	n/a	n/a	\$0	n/a	n/a	\$0
Pond Place	2202	5%	100%	\$34	0%	100%	\$0
Pond Place	2203	0%	100%	\$0	0%	100%	\$0
Liberty House	2303	0%	100%	\$0	0%	100%	\$0
Liberty House	2306	0%	100%	\$0	0%	100%	\$0
Johnson Hall	2403	0%	100%	\$0	0%	100%	\$0
Johnson Hall	2404	0%	100%	\$0	0%	100%	\$0
Johnson Hall	2406	5%	100%	\$103	0%	100%	\$0
Johnson Hall	2407	5%	100%	\$2,502	0%	100%	\$0
Johnson Hall	2408	0%	100%	\$0	0%	100%	\$0
Johnson Hall	2450	n/a	n/a	\$0	n/a	n/a	\$0
Londergan Hall	2503	0%	100%	\$0	0%	100%	\$0
Londergan Hall	2504	0%	100%	\$0	0%	100%	\$0
Londergan Hall	2505	5%	100%	\$175	0%	100%	\$0
Londergan Hall	2507	0%	100%	\$0	0%	100%	\$0
Londergan Hall	2550	n/a	n/a	\$0	n/a	n/a	\$0
Revenue Administration - 64 South Street	2603	0%	100%	\$0	0%	100%	\$0
Revenue Administration - 64 South Street	2604	0%	100%	\$0	0%	100%	\$0
Revenue Administration - 64 South Street	2605	0%	100%	\$0	0%	100%	\$0

Exhibit B, Schedule of Values

Building	ECM#	Aug 2019			Sep 2019		
		Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month	Expected Work to be Completed This Month %	Work Completed Cumulative %	Amount Due This Month
Revenue Administration - 64 South Street	2606	5%	100%	\$58	0%	100%	\$0
Revenue Administration - 64 South Street	2607	5%	100%	\$3,026	0%	100%	\$0
Revenue Administration - 64 South Street	2650	n/a	n/a	\$0	n/a	n/a	\$0
Spaulding Hall	2703	0%	100%	\$0	0%	100%	\$0
Spaulding Hall	2704	0%	100%	\$0	0%	100%	\$0
Spaulding Hall	2705	0%	100%	\$0	0%	100%	\$0
Spaulding Hall	2706	5%	100%	\$64	0%	100%	\$0
Spaulding Hall	2750	n/a	n/a	\$0	n/a	n/a	\$0
Storrs Street Warehouse	2803	0%	100%	\$0	0%	100%	\$0
Storrs Street Warehouse	2804	5%	100%	\$48	0%	100%	\$0
Storrs Street Warehouse	2805	0%	100%	\$0	0%	100%	\$0
Storrs Street Warehouse	2850	n/a	n/a	\$0	n/a	n/a	\$0

Total ECM Costs and DPW Fees
 ConEdison Construction Draws
 DPW Fee Draws

Aug 2019
\$58,475
 \$660

Sep 2019
\$0 \$7,529,807
\$0 \$85,000
\$7,614,807

Upham Walker House	1501	\$274	\$1	\$7	\$15	\$18	\$4	\$1	\$26	\$14	\$2		\$381	\$5	\$366
Upham Walker House	1503	\$1,801	\$5	\$45	\$99	\$117	\$27	\$5	\$171	\$90	\$11		\$2,372	\$36	\$2,407
Bldg Sub Total		\$2,075	\$6	\$52	\$114	\$135	\$31	\$6	\$197	\$104	\$12		\$2,732	\$41	\$2,773

Records & Archives	1603	\$64,801	\$194	\$1,620	\$3,564	\$4,212	\$972	\$194	\$6,156	\$3,240	\$389		\$85,343	\$1,280	\$86,624
Records & Archives	1604	\$49,788	\$149	\$1,245	\$2,738	\$3,236	\$747	\$149	\$4,730	\$2,489	\$299		\$65,571	\$984	\$66,554
Records & Archives	1605	\$19,278	\$58	\$482	\$1,060	\$1,253	\$289	\$58	\$1,831	\$964	\$116		\$25,389	\$381	\$25,770
Records & Archives	1606	\$823	\$2	\$21	\$45	\$54	\$12	\$2	\$78	\$41	\$5		\$1,084	\$16	\$1,100
Records & Archives	1607	\$24,567	\$74	\$614	\$1,351	\$1,597	\$369	\$74	\$2,334	\$1,228	\$147		\$32,355	\$485	\$32,841
Records & Archives	1608	\$165,375	\$496	\$4,134	\$9,096	\$10,749	\$2,481	\$496	\$15,711	\$8,269	\$992		\$217,799	\$3,267	\$221,066
Bldg Sub Total		\$324,633	\$974	\$8,116	\$17,855	\$21,101	\$4,869	\$974	\$30,840	\$16,232	\$1,948		\$427,542	\$6,413	\$433,955

M&S Building	1702	\$132,360	\$397	\$3,309	\$7,280	\$8,603	\$1,985	\$397	\$12,574	\$6,618	\$794		\$174,319	\$2,615	\$176,933
M&S Building	1705	\$6,139	\$18	\$153	\$338	\$399	\$92	\$18	\$583	\$307	\$37		\$8,086	\$121	\$8,207
M&S Building	1704	\$51,819	\$155	\$1,295	\$2,850	\$3,368	\$777	\$155	\$4,923	\$2,591	\$311		\$68,245	\$1,024	\$69,269
M&S Building	1706	\$7,753	\$23	\$194	\$426	\$504	\$116	\$23	\$737	\$388	\$47		\$10,211	\$153	\$10,365
Bldg Sub Total		\$198,072	\$594	\$4,952	\$10,894	\$12,875	\$2,971	\$594	\$18,817	\$9,904	\$1,188		\$260,861	\$3,913	\$264,774

Philbrook Building	1803	\$40,853	\$123	\$1,021	\$2,247	\$2,655	\$613	\$123	\$3,881	\$2,043	\$245		\$53,803	\$807	\$54,610
Philbrook Building	1804	\$3,859	\$12	\$96	\$212	\$251	\$58	\$12	\$367	\$193	\$23		\$5,082	\$76	\$5,158
Philbrook Building	1805	\$45,383	\$136	\$1,135	\$2,496	\$2,950	\$681	\$136	\$4,311	\$2,269	\$272		\$59,769	\$897	\$60,666
Philbrook Building	1850	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,353	\$1,353	\$0	\$1,353
Bldg Sub Total		\$90,094	\$270	\$2,252	\$4,955	\$5,856	\$1,351	\$270	\$8,559	\$4,505	\$541		\$120,007	\$1,780	\$121,787

Department of Justice	1903	\$101,729	\$305	\$2,543	\$5,595	\$6,612	\$1,526	\$305	\$9,664	\$5,086	\$610		\$133,976	\$2,010	\$135,986
Department of Justice	1905	\$953	\$3	\$24	\$52	\$62	\$14	\$3	\$91	\$48	\$6		\$1,255	\$19	\$1,274
Department of Justice	1906	\$106,464	\$319	\$2,662	\$5,856	\$6,920	\$1,597	\$319	\$10,114	\$5,323	\$639		\$140,213	\$2,103	\$142,316
Department of Justice	1950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,641	\$2,641	\$0	\$2,641
Bldg Sub Total		\$209,146	\$627	\$5,229	\$11,503	\$13,594	\$3,137	\$627	\$19,869	\$10,457	\$1,255		\$278,086	\$4,132	\$282,217

Howard Recreation Building	2003	\$18,412	\$55	\$460	\$1,013	\$1,197	\$276	\$55	\$1,749	\$921	\$110		\$24,248	\$364	\$24,612
Bldg Sub Total		\$18,412	\$55	\$460	\$1,013	\$1,197	\$276	\$55	\$1,749	\$921	\$110		\$24,248	\$364	\$24,612

Twitchell Hall	2104	\$1,112	\$3	\$28	\$61	\$72	\$17	\$3	\$106	\$56	\$7		\$1,465	\$22	\$1,487
Twitchell Hall	2105	\$3,150	\$9	\$79	\$173	\$205	\$47	\$9	\$299	\$158	\$19		\$4,149	\$62	\$4,211
Twitchell Hall	2106	\$12,395	\$37	\$310	\$682	\$806	\$186	\$37	\$1,178	\$620	\$74		\$16,325	\$245	\$16,569
Twitchell Hall	2107	\$238,462	\$715	\$5,962	\$13,115	\$15,500	\$3,577	\$715	\$22,654	\$11,923	\$1,431		\$314,055	\$4,711	\$318,766
Twitchell Hall	2150	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$700	\$700	\$0	\$700
Bldg Sub Total		\$255,120	\$765	\$6,378	\$14,032	\$16,583	\$3,827	\$765	\$24,236	\$12,756	\$1,631		\$336,693	\$5,040	\$341,732

Pond Place	2202	\$514	\$2	\$13	\$28	\$33	\$8	\$2	\$49	\$26	\$3		\$676	\$10	\$687
Pond Place	2203	\$2,576	\$8	\$64	\$142	\$167	\$39	\$8	\$245	\$129	\$15		\$3,392	\$51	\$3,443
Bldg Sub Total		\$3,089	\$9	\$77	\$170	\$201	\$46	\$9	\$293	\$154	\$19		\$4,069	\$61	\$4,130

Liberty House	2303	\$1,473	\$4	\$37	\$81	\$96	\$22	\$4	\$140	\$74	\$9		\$1,940	\$29	\$1,969
Liberty House	2306	\$525	\$2	\$13	\$29	\$34	\$8	\$2	\$50	\$26	\$3		\$691	\$10	\$702
Bldg Sub Total		\$1,998	\$6	\$50	\$110	\$130	\$30	\$6	\$190	\$100	\$12		\$2,631	\$39	\$2,671

Johnson Hall	2403	\$28,694	\$86	\$717	\$1,578	\$1,865	\$430	\$86	\$2,726	\$1,435	\$172		\$37,791	\$567	\$38,357
Johnson Hall	2404	\$15,536	\$47	\$388	\$854	\$1,010	\$233	\$47	\$1,476	\$777	\$93		\$20,461	\$307	\$20,768
Johnson Hall	2406	\$1,569	\$5	\$39	\$86	\$102	\$24	\$5	\$149	\$78	\$9		\$2,066	\$31	\$2,097
Johnson Hall	2407	\$37,994	\$114	\$950	\$2,090	\$2,470	\$570	\$114	\$3,609	\$1,900	\$228		\$50,039	\$751	\$50,789

Johnson Hall	2408	\$2,520	\$8	\$63	\$139	\$164	\$38	\$8	\$239	\$126	\$15		\$3,319	\$50	\$3,369
Johnson Hall	2450	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$796	\$796	\$0	\$796
Bldg Sub Total		\$86,314	\$259	\$2,158	\$4,747	\$5,610	\$1,295	\$259	\$8,200	\$4,316	\$518		\$114,472	\$1,705	\$116,177
Londergan Hall	2503	\$63,071	\$189	\$1,577	\$3,469	\$4,100	\$946	\$189	\$5,992	\$3,154	\$378		\$83,065	\$1,246	\$84,311
Londergan Hall	2504	\$11,246	\$34	\$281	\$619	\$731	\$169	\$34	\$1,068	\$562	\$67		\$14,811	\$222	\$15,033
Londergan Hall	2505	\$2,662	\$8	\$67	\$146	\$173	\$40	\$8	\$253	\$133	\$16		\$3,506	\$53	\$3,559
Londergan Hall	2507	\$10,990	\$33	\$275	\$604	\$714	\$165	\$33	\$1,044	\$549	\$66		\$14,473	\$217	\$14,691
Londergan Hall	2550	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$121	\$121	\$2	\$123
Bldg Sub Total		\$87,969	\$264	\$2,199	\$4,838	\$5,718	\$1,320	\$264	\$8,357	\$4,398	\$528		\$115,976	\$1,740	\$117,716
Revenue Administration - 64 South Street	2603	\$34,992	\$105	\$875	\$1,925	\$2,274	\$525	\$105	\$3,324	\$1,750	\$210		\$46,084	\$691	\$46,775
Revenue Administration - 64 South Street	2604	\$64,928	\$195	\$1,623	\$3,571	\$4,220	\$974	\$195	\$6,168	\$3,246	\$390		\$85,510	\$1,283	\$86,792
Revenue Administration - 64 South Street	2605	\$1,748	\$5	\$44	\$96	\$114	\$26	\$5	\$166	\$87	\$10		\$2,302	\$35	\$2,337
Revenue Administration - 64 South Street	2606	\$878	\$3	\$22	\$48	\$57	\$13	\$3	\$83	\$44	\$5		\$1,156	\$17	\$1,174
Revenue Administration - 64 South Street	2607	\$45,947	\$138	\$1,149	\$2,527	\$2,987	\$689	\$138	\$4,365	\$2,297	\$276		\$60,512	\$908	\$61,419
Revenue Administration - 64 South Street	2650	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,230	\$2,230	\$0	\$2,230
Bldg Sub Total		\$148,492	\$445	\$3,712	\$8,167	\$9,652	\$2,227	\$445	\$14,107	\$7,425	\$891		\$197,794	\$2,933	\$200,728
Spaulding Hall	2703	\$49,749	\$149	\$1,244	\$2,736	\$3,234	\$746	\$149	\$4,726	\$2,487	\$298		\$65,520	\$983	\$66,502
Spaulding Hall	2704	\$33,817	\$101	\$845	\$1,860	\$2,198	\$507	\$101	\$3,213	\$1,691	\$203		\$44,537	\$668	\$45,205
Spaulding Hall	2705	\$24,974	\$75	\$624	\$1,374	\$1,623	\$375	\$75	\$2,373	\$1,249	\$150		\$32,891	\$493	\$33,384
Spaulding Hall	2706	\$969	\$3	\$24	\$53	\$63	\$15	\$3	\$92	\$48	\$6		\$1,277	\$19	\$1,296
Spaulding Hall	2750	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,145	\$1,145	\$0	\$1,145
Bldg Sub Total		\$109,510	\$329	\$2,738	\$6,023	\$7,118	\$1,643	\$329	\$10,403	\$5,475	\$657		\$145,369	\$2,163	\$147,532
Storrs Street Warehouse	2803	\$41,939	\$126	\$1,048	\$2,307	\$2,726	\$629	\$126	\$3,984	\$2,097	\$252		\$55,234	\$829	\$56,063
Storrs Street Warehouse	2804	\$734	\$2	\$18	\$40	\$48	\$11	\$2	\$70	\$37	\$4		\$967	\$15	\$981
Storrs Street Warehouse	2805	\$32,961	\$99	\$824	\$1,813	\$2,142	\$494	\$99	\$3,131	\$1,648	\$198		\$43,409	\$651	\$44,060
Storrs Street Warehouse	2850	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$636	\$636	\$0	\$636
Bldg Sub Total		\$75,634	\$227	\$1,891	\$4,160	\$4,916	\$1,135	\$227	\$7,185	\$3,782	\$454		\$100,246	\$1,494	\$101,740
Project Totals		\$5,717,392	\$17,152	\$142,935	\$314,457	\$371,630	\$85,761	\$17,152	\$543,152	\$285,870	\$34,304	\$85,000	\$7,614,807	\$112,948	\$7,727,755

Exhibit C

Special Provisions

1. Delete Paragraph 8 Event of Default/Remedies and replace it in its entirety with the following:

8. Event of Default/Remedies.

8.1 Default by the Contractor. Any one or more of the following acts or omissions of the Contractor shall constitute an event of default unless the Contractor's actions are caused by Force Majeure hereunder ("Event of Default"):

8.1.1 Failure to produce the Guaranteed Energy Savings and failure to pay the State the Guarantee Payment as set forth in Section 9 and Exhibit 2, and the failure continues for a period of 30 days after the State gives Contractor written notice of the failure.

8.1.2 Failure to maintain the Standards of Service and Comfort set forth in Section 10 due to failure of the Contractor to properly design, install, maintain, repair, or adjust FFECMs, and said failure continues for 30 days after the State gives written notice to the Contractor, or if a remedy cannot be effected in such 30 days, without a good faith effort by Contractor to perform in that period and diligent subsequent performance to ameliorate the problem as soon as possible.

8.1.3 Failure to perform or comply with any material obligation imposed upon Contractor by this Agreement, and the failure continues for a period of 30 days after the State gives Contractor written notice of the failure, provided that such failure continues for thirty (30) days after notice to the Contractor demanding that such failure to perform be cured or if such cure cannot be effected in such thirty (30) days, the Contractor shall be deemed to have cured default upon the commencement of a cure within such thirty (30) days and diligent subsequent completion thereof.

8.1.4 The Contractor provides, or has provided, false or misleading information to the State in Contractor's proposal, during negotiations, or in documents provided pursuant to this Agreement and the State has relied upon this information in entering into this Agreement and Contractor fails to correct or retract such false or misleading information and take the steps reasonably required by the State to mitigate the effects of the false or misleading information within 30 days of written notice thereof.

8.1.5 Contractor fails to perform satisfactorily or on schedule.

8.1.6 Contractor fails to submit any report required hereunder.

8.1.7 Contractor fails to perform any other covenant or condition of this Agreement.

8.2 Default by the State. The occurrence of one or more of the following is an Event of Default by the State unless the State's actions are caused by a Force Majeure, an Event of Default by Contractor (Section 8.1), or a breach by Contractor of this Agreement.

8.2.1 The State fails to perform or comply with any material obligation imposed upon the State by this Agreement, including breach of any covenant contained herein, provided that such failure continues for thirty (30) days after notice to the State demanding that such failure to perform be cured or if such cure cannot be effected in such thirty (30) days, the State shall be deemed to have cured default upon the commencement of a cure within such thirty (30) days and diligent subsequent completion thereof.

8.2.2 The State fails to make any payment or payments required under this Agreement when due and the failure continues for a period of 30 days after Contractor gives the State written notice of failure.

8.2.3 The State made any representation or warranty in this Agreement that was false or misleading in any material respect when made.

8.3. Remedies upon Default; Liquidated Damages. Upon occurrence of a Default by the Contractor, the State may take one, or more, or all of the following actions:

8.3.1 If the Event of Default is not timely remedied, as provided in Section 8.1.3 above, terminate this Agreement, effective two (2) business days after giving the Contractor written notice of termination.

8.3.2 Give the Contractor a written notice specifying the Event of Default and suspending all payments to be made under this Agreement and ordering that the portion of the Agreement price which would otherwise accrue to the Contractor during the period from the date of such notice until such time as the State determines that the Contractor has cured the Event of Default shall not be paid to the Contractor.

8.3.3 Set off against any other obligations the State may owe to the Contractor any damages the State suffers by reason of any Event of Default.

8.3.4 Treat the Agreement as breached and pursue any of its remedies at law and in equity.

8.3.5 Upon occurrence of a Default by the State, the Contractor may, exercise any and all remedies at law and in equity, as well as terminating this Agreement,

if the Event of Default is not timely remedied, as provided in 8.2.1 above, effective two (2) business days after giving the State written notice of termination.

8.3.6 Liquidated Damages. The Contractor and the State recognize that the State will suffer damages in the event the Contractor fails to complete the project in accordance with the project schedule submitted by the Contractor and attached to the Agreement as Exhibit 4. However, it is difficult to determine the actual damages that will result. Therefore, the Contractor and the State agree that if Substantial Completion has not occurred within thirty days of the date scheduled for Substantial Completion, as shown in Exhibit 4, then the Contractor shall pay the State, as liquidated damages and not as penalty, an amount equal to one twelfth of the guaranteed annual energy cost savings attributed to the portion of the FFECMs not yet completed as of the date scheduled for Substantial Completion. Payments for liquidated damages are due within 30 days following each 30 day time period for which Substantial Completion has exceeded the scheduled Substantial Completion date.

2. Delete Paragraph 10 Termination and replace it in its entirety with the following:

10. Termination of Agreement

10.1 The State may, by written notice, terminate (without prejudice to any right or remedy of the State) performance of work under this Agreement, in whole or in part, whenever the State determines that such termination is in its best interest. The State may terminate without regard to fault and is not liable in any manner for termination. Any termination shall be effected by a notice in writing to the Contractor specifying the date upon which such termination shall become effective and the extent to which performance of the Agreement shall be terminated. Such termination shall be effective on the date and to the extent specified in said notice.

10.2 In the event of an early termination of this Agreement for any reason other than the completion to the Services, the Contractor, after receipt of a written notice of termination and except as otherwise directed in writing by the State, shall:

- a) deliver to the Contracting Officer, not later than (15) days after the date of termination, a report ("the Termination Report") describing in detail all Services performed, and the Agreement Price earned, to and including the date of termination. To the extent possible, the form, subject matter, content, and number of copies of the Termination Report shall be identical to those of any Final Report described in EXHIBITS 1 through 5.

- b) stop performing work on the date and as specified in the notice of termination;
- c) place no further orders or subcontracts for materials, equipment, services, or facilities;
- d) cancel all orders or subcontracts, upon terms acceptable to the State, to the extent they relate to the performance of work terminated,
- e) assign to the State all right, title, and interest of Contractor in all orders and subcontracts;
- f) take such action as may be necessary or as directed by the State to preserve and protect the work, project site, and any other property related to this project in which the State has an interest; and
- g) continue performance only to the extent not terminated.

10.3 Notwithstanding the foregoing, should the notice of termination relate to only a portion of the work covered by the Agreement, The Contractor shall proceed with the completion of such portions of the work as are not terminated. The State will pay and the Contractor will accept, in full consideration for the performance and completion of the portions of the work as are not terminated.

10.4 Upon compliance by the Contractor with the foregoing provisions of this Section and subject to deductions for payments previously made, the State, for the portions of work terminated, shall compensate the Contractor as follows:

- a) By reimbursing Contractor for actual expenditures made with respect only to completion of Project work, including expenditures made in connection with any portion thereof that was completed prior to termination, as well as expenditures made after termination in completing those portions of the work covered by the Agreement which the Contractor was required by the notice of termination to complete. The State shall determine the allocation and amount of such expenditures.
- b) By reimbursing the Contractor for all actual Project expenditures made, with the prior written approval of the State or pursuant to a court judgment.
- c) By reimbursing the Contractor for all actual Project expenditures made after the effective date of the notice of termination resulting from or caused by the Contractor taking necessary and

approved action or action prescribed by the State.

- d) By paying the Contractor a markup, not to exceed 10 percent, which markup is to cover the Contractor's overhead, supervision and profit for work directly performed by the Contractor and 10 percent for Contractor's overhead and profit for work directly performed by a subcontractor under this Agreement.

10.5 The sum of all amounts payable under this Section, plus the sum of all amounts previously paid by the State under the provisions of the Agreement, shall not exceed the amount due the Contractor as set forth in Exhibit B, Payment Terms. In no event shall the Contractor be entitled to any payment for loss of anticipated profits on uncompleted work and the State shall not be liable for same.

10.6 Termination by the State under the provisions of this Section shall be without prejudice to any claims or rights which the State may have against the Contractor. The State may retain from the amount due to the Contractor under the provisions of this Section such monies as may be necessary to satisfy any claim which the State may have against the Contractor in connection with the Agreement, provided, however, that the State's failure to retain such monies shall not be deemed a waiver of any of its rights or claims against the Contractor.

10.7 Notwithstanding the foregoing, where the Contractor and the State can agree upon another method of determining the amount of the consideration to be paid to the Contractor under the provisions of this Section, such method, subject to the approval of the State, may, at the option of the State, be substituted for the method set forth above.

- 3. Delete Paragraph 14 Insurance and replace it in its entirety with the following:

14. Insurance.

14.1 The Contractor shall, at its sole expense, obtain and maintain in force, and shall require any subcontractor or assignee to obtain and maintain in force, the following insurance:

14.1.1 Commercial General Liability Insurance:

Occurrence Form Policy: Include full Contractual Liability, Explosion, Collapse, and Underground coverage's:

Limit of Liability:

- a. \$1,000,000 Each Occurrence Bodily Injury and Property Damage.
- b. \$2,000,000 General Aggregate – Include per Project Aggregate Endorsement.

c. \$2,000,000 Products/Completed Operations Aggregate.

d. State shall be named as an additional named insured.

14.1.2 If blasting and/or demolition is required by the Contract, the Contractor or subcontractor shall obtain the respective coverage for those activities, and shall furnish to the Commissioner a Certificate of Insurance evidencing the required coverages prior to commencement of any operations involving blasting and or demolition.

14.1.3 Owner's Protective Liability coverage for the benefit of the State of New Hampshire Department of Administrative Services.

Limits of Liability:

\$2,000,000 Each Occurrence

\$3,000,000 Aggregate

14.1.4 Commercial Automobile Liability covering all motor vehicles including owned, hired, borrowed, and auto-owned vehicles.

Limits of Liability:

\$1,000,000 Each Occurrence

\$1,000,000 Aggregate

14.1.5 Builders' Risk Insurance (Fire and Extended Coverage):

The Contractor shall insure the work included in the Contract, including extras and change orders, on an "All Risk" basis, on one hundred percent (100% completed value basis of the Contract , as modified, Builder's Risk coverage shall include materials located at the Contractor' premises, on-site, in-transit, and at any temporary site. The policy by its own terms or by endorsement shall specifically permit partial or beneficiary occupancy prior to completion of acceptance of the entire work. The policies shall be in the name of the State Department of Administrative Services and the Contractors, Subcontractors, and others employed on the premises as insureds. The policies shall stipulate that the insurance companies shall have no right of subrogation against any Contractor, Subcontractors or other parties employed on the premises.

14.1.6 Workers' Compensation Insurance: In accordance with RSA 281-A.

Employers Liability:

\$100,000 each accident.

\$500,000 Disease-policy limit.

\$100,000 Disease-each employee.

14.1.7 Professional Liability Insurance

The Designer/Contractor Team, or the Designer shall purchase and maintain professional liability coverage for this project. The coverage shall provide the State of New Hampshire with protection against design errors and omissions and shall have an annual aggregate limit of no less than \$2,000,000. The coverage shall be maintained through the legal stature of repose period, currently stipulated to be three (3) years from the date of Substantial Completion. If the professional liability coverage is maintained by other than the Contractor for this Project, the Contractor shall provide evidence of indemnifications, approved by the State of New Hampshire, that indicate that this insurance coverage is in place and available for the

protection of the State. The indemnification may not create a re-assignment of contractual responsibilities between the State and the Contractor.

14.1.8 General Insurance Conditions

Each policy shall contain a clause prohibiting cancellation or modifications of the policy earlier than thirty (30) days or ten (10) days in cases of non-payment of premium after written notice thereof has been received by the State.

The policies described in subparagraph 14.1 herein shall be on policy forms and endorsements approved for use in the State of New Hampshire by the N.H. Department of Insurance, and issued by insurers licensed in the State of New Hampshire.

4. Delete Paragraph 18 Amendment and replace it in its entirety with the following:

18. Amendment; Modification

18.1 This Agreement may be amended, waived or discharged only by an instrument in writing signed by the parties hereto and only after approval of such amendment, waiver or discharge by the Governor and Council of the State of New Hampshire.

18.2 The State may at any time, by written change order to the Contractor, adjust pricing and direct additions, deletions, and revisions to the Project work as may be necessary to ensure the continuity and purposes set forth in RSA 21-1:19a-e. If the Contractor determines that such changes affect the cost, safety, performance, efficiency, time of performance, or any other terms of this Agreement, the Contractor shall provide the State with written notice requesting an appropriate adjustment and the parties shall negotiate the terms of the change order to the Agreement.

18.3 The Contractor may, with at least seven (7) calendar days prior written notice, and with the approval of the State, change the installed Equipment, revise procedures, or implement other energy saving action in the facilities, provided that the standards of service set forth in the Agreement shall not be reduced. All replacement, deletions, alterations, or additions of Equipment or revisions to the procedures, including an estimated time of completion, as agreed to by the State shall be described in a supplemental schedule or schedules to be provided in writing to and approved by the State, and upon approval shall be attached to this Agreement and shall become a part hereof. Replacement, substitutions alterations or additions of Equipment shall become a part of the installed Equipment pursuant to the terms of this Agreement and must be practical and

necessary to meet applicable legal standards as set forth in RSA 19-I:21 a-e.
Disposition of Equipment that was replaced shall be mutually agreed to by the
State and the Contractor.

5. There are no other special provisions of this contract.

ConEdison Exhibit C

RFP 2016-185, Energy Performance Contracting Services for 28 Facilities in Concord, NH: Attachment A - Building Summary

Department	Building Name	Address	FY15	FY15	FY15	FY15	FY15	FY15	FY15	FY15	FY15	FY15	FY15	FY15	FY15	baseline	baseline	baseline	baseline	baseline
			Annual Steam Usage (MMBtu)	Equivalent NG (therm)	Annual Steam Cost	Equivalent NG Cost	Annual Electric Usage (kWh)	Peak Demand (kW)	Annual Electric Cost	Natural Gas Usage (therm)	Natural Gas Cost	Annual Water Only Usage (ccf)	Annual Water Only Cost	Annual Water/Sewer Usage (ccf)	Annual Water/Sewer Cost	rate - electricity (\$/kWh)	rate - electric demand (\$/kW)	rate - natural gas (\$/therm)	rate - water (\$/ccf)	rate - water and sewer (\$/ccf)
DAS, General Services	Department of Justice	33 Capitol Street	1,523	20,429	\$ 71,241	\$ 20,429	467,520	213.6	\$ 62,598	-	\$ -	-	\$ -	302	\$ 4,822	\$ 0.10547	\$ 7.00	\$ 0.941	n/a	\$ 6.92
DAS, General Services	Johnson Hall	107 Pleasant Street	1,079	15,352	\$ 50,686	\$ 15,352	132,720	52	\$ 17,903	-	\$ -	-	\$ -	192	\$ 2,139	\$ 0.10547	\$ 10.35	\$ 0.941	n/a	\$ 6.92
DAS, General Services	Legislative Office Building	33 North State Street	2,753	36,924	\$ 128,403	\$ 36,924	291,146	180.6	\$ 21,266	-	\$ -	276	\$ 1,353	395	\$ 8,592	\$ 0.10547	\$ 10.35	\$ 0.941	\$ 2.15	\$ 6.92
DAS, General Services	Londergan Hall	101 Pleasant Street	1,426	20,289	\$ 67,418	\$ 20,289	209,580	95.2	\$ 27,815	-	\$ -	-	\$ -	460	\$ 4,905	\$ 0.10547	\$ 10.35	\$ 0.941	n/a	\$ 6.65
DAS, General Services	M&S Building	109 Pleasant Street	2,072	29,488	\$ 96,338	\$ 29,488	751,800	294	\$ 99,841	-	\$ -	-	\$ -	300	\$ 4,225	\$ 0.10547	\$ 10.35	\$ 0.941	n/a	\$ 6.92
DAS, General Services	Records & Archives	71 South Fruit Street	-	n/a	\$ -	n/a	300,080	98	\$ 38,548	22,362	\$ 22,698	-	\$ -	73	\$ 1,075	\$ 0.10547	\$ 10.35	\$ 0.941	n/a	\$ 6.92
DAS, General Services	Revenue Administration - 64 South Street	64 South Street	369	5,257	\$ 17,501	\$ 5,257	218,820	97.6	\$ 30,202	-	\$ -	-	\$ -	271	\$ 2,956	\$ 0.10547	\$ 10.35	\$ 0.941	n/a	\$ 6.92
DAS, General Services	Spaulding Hall	95 Pleasant Street	435	5,835	\$ 20,895	\$ 5,835	276,720	89.4	\$ 36,380	-	\$ -	-	\$ -	267	\$ 2,461	\$ 0.10547	\$ 10.35	\$ 0.941	n/a	\$ 6.92
DAS, General Services	State House	107 North Main Street	3,153	44,873	\$ 146,771	\$ 44,873	Secondary to Statehouse Annex	Secondary to Statehouse Annex	Secondary to Statehouse Annex	-	\$ -	3,751	\$ 7,914	443	\$ 5,704	\$ 0.10547	\$ 7.00	\$ 0.941	\$ 1.93	\$ 6.65
DAS, General Services	State House Annex	25 Capitol Street	4,481	63,775	\$ 207,166	\$ 63,775	1,147,384	431.98	\$ 142,932	438	\$ 946	-	\$ -	507	\$ 8,003	\$ 0.10547	\$ 7.00	\$ 0.941	n/a	\$ 6.65

DAS, General Services	State Library	20 Park Street	1,500	21,348	\$ 12,149	\$ 21,348	94,080	36.1	\$ 13,710	-	\$ -	230	\$ 698	60	\$ 2,155	\$ 0.10547	\$ 10.35	\$ 0.941	\$ 2.15	\$ 6.92
DAS, General Services	Storrs Street Warehouse	12 Hills Ave	575	8,185	\$ 27,195	\$ 8,185	357,600	110.1	\$ 47,020	3,948	\$ 4,257	-	\$ -	101	\$ 1,345	\$ 0.10547	\$ 10.35	\$ 0.941	n/a	\$ 6.92
DAS, General Services	Upham Walker House	18 Park Street	138	1,852	\$ 6,579	\$ 1,852	8,604	6.9	\$ 1,781	-	\$ -	50	\$ 246	51	\$ 944	\$ 0.10547	\$ 10.35	\$ 0.941	\$ 2.42	\$ 6.92
DAS, BFAM	Annex - SOPS	105½ Pleasant Street	187	7,000	\$ 9,061	\$ 7,000	Secondary to Main Building	Secondary to Main Building	Secondary to Main Building	-	\$ -	-	\$ -	Secondary to Main Building	Secondary to Main Building	\$ 0.10547	\$ 7.00	\$ 0.941	n/a	\$ 6.65
DAS, BFAM	Brown Building	129 Pleasant Street	-	n/a	\$ -	n/a	1,863,000	687.3	\$ 233,376	59,572	\$ 56,721	-	\$ -	697	\$ 6,207	\$ 0.10547	\$ 7.00	\$ 0.941	n/a	\$ 6.65
DAS, BFAM	Dolloff Building	117 Pleasant Street	2,337	33,265	\$ 109,335	\$ 33,265	150,000	53.1	\$ 19,833	43	\$ 572	-	\$ -	222	\$ 3,889	\$ 0.10547	\$ 10.35	\$ 0.941	n/a	\$ 6.92
DAS, BFAM	Grounds Shop	79 South Fruit Street	1,713	24,376	\$ 80,290	\$ 24,376	-	-	\$ -	-	\$ -	-	\$ -	-	\$ -	\$ 0.10547	\$ 7.00	\$ 0.941	n/a	n/a
DAS, BFAM	Main Building	105 Pleasant Street	18,228	259,408	\$ 834,938	\$ 259,408	849,600	308.8	\$ 106,629	-	\$ -	-	\$ -	2786	\$ 56,891	\$ 0.10547	\$ 7.00	\$ 0.941	n/a	\$ 6.65
DAS, BFAM	NH Hospital Laundry	127 Pleasant Street	2,909	33,945	\$ 137,025	\$ 33,945	-	-	\$ -	9,090	\$ 8,000	-	\$ -	2476	\$ 16,059	\$ 0.10547	\$ 10.35	\$ 0.941	n/a	\$ 6.65
DAS, BFAM	NHH Warehouse	Pleasant Street	574	6,694	\$ 27,105	\$ 6,694	5,243	8	\$ 1,487	-	\$ -	-	\$ -	18	\$ 927	\$ 0.10547	\$ 10.35	\$ 0.941	n/a	n/a
DAS, BFAM	Paint & Carpentry Shops	Pleasant Street	588	8,067	\$ 28,252	\$ 8,067	-	-	\$ -	-	\$ -	-	\$ -	109	\$ 810	\$ 0.10547		\$ 0.941	n/a	\$ 6.92
DAS, BFAM	Philbrook Building	121 South Fruit Street	796	10,680	\$ 37,959	\$ 10,680	282,700	88	\$ 38,196	435	\$ 934	-	\$ -	228	\$ 3,048	\$ 0.10547	\$ 10.35	\$ 0.941	n/a	\$ 6.92
DAS, BFAM	Thayer Hall	97 Pleasant Street	5,399	75,837	\$ 249,806	\$ 76,837	270,720	126.9	\$ 36,537	-	\$ -	-	\$ -	588	\$ 5,467	\$ 0.10547	\$ 10.35	\$ 0.941	n/a	\$ 6.65
DAS, BFAM	Transportation Garage	127A Pleasant Street	1,858	21,682	\$ 86,752	\$ 21,682	104,272	74.08	\$ 18,314	-	\$ -	-	\$ -	0	\$ -	\$ 0.10547	\$ 10.35	\$ 0.941	n/a	n/a
DHHS, NH Hospital	Howard Recreation Building	99 Pleasant Street	976	13,884	\$ 45,837	\$ 13,884	Secondary to Main Building	Secondary to Main Building	Secondary to Main Building	-	\$ -	-	\$ -	274	\$ 2,489	\$ 0.10547	\$ 7.00	\$ 0.941	n/a	\$ 6.92

DHHS, NH Hospital	Liberty House	119 Pleasant Street	-	n/a	\$ -	n/a	4,184	4	\$ 995	1,428	\$ 2,156	-	\$ -	24	\$ 267	\$ 0.10547	\$ 10.35	\$ 0.941	n/a	n/a
DHHS, NH Hospital	Pond Place	125 Pleasant Street	121	1,618	\$ 5,767	\$ 1,618	-	-	\$ -	-	\$ -	-	\$ -	307	\$ 2,040	\$ 0.10547	n/a	\$ 0.941	n/a	\$ 6.92
DHHS, NH Hospital	Twitchell Hall	111 Pleasant Street	1,240	17,650	\$ 58,188	\$ 17,650	70,695	25	\$ 4,320	387	\$ 847	-	\$ -	659	\$ 4,452	\$ 0.10547	n/a	\$ 0.941	n/a	\$ 6.65
Total Square Feet			56,428	788,714	\$ 2,562,675	\$ 788,714	7,855,468	3,081	\$ 999,082	97,703	\$ 97,131	4,307	\$ 10,211	11,810	\$ 151,265					
Mibs							kWh	kW		therms		ccf		ccf						
Assumptions:						Conversion (Efficiency) Factor from Steam to NG:						Total Cost FY15			\$ 3,820,364					
For buildings where a steam boiler will likely be used for heat						82%						Baseline Cost			\$ 2,046,403					
For buildings where a hydronic boiler will likely be used for heat						87%														
For buildings with other proposed heating systems						100%														



New Hampshire Hospital / State Office Park South

CAMPUS POLICE

36 Clinton Street Concord, NH 03301 Phone (603) 271-5555 Fax (603) 271-5333

NHH Contractor Safety Guidelines

Safety/ Security:

- *Keep positive control of all belongings: tools, keys, etc.
- *Your personal/ work vehicles are required to be locked with windows up at all times and never left running unattended.
- *Alcohol, drugs and weapons are not allowed on the campus at any time.
- * Never allow anyone onto or off a secured unit if you do not see a NHH employee identification.

Patient Rights:

- *Every Patient has the right to confidentiality, guaranteed by law. While you are working on the Campus, please be mindful of this.
- *On the off chance you recognize someone here, please keep it to yourself.
- *You may see something that concerns you. If that happens, contact a staff member identified by NHH ID or seek an Officer in Campus Police.

Lending/Giving Away Personal Property:

At times, someone will approach you to give them money, cigarettes, a ride, etc. You should decline tactfully and let a staff member know. This practice is against NHH policy. All NHH clients are aware of this. They will test any new faces they encounter in the building.

EMERGENCIES:

There are several types of emergencies you may see at NHH. You will hear an overhead announcement indicating the unit/area of situation and what type of situation is occurring. Our staff are trained to respond to these. We ask that you exit an area where one may be occurring and proceed to Campus Police. Be sure to secure all your belongings before clearing your work area.

***MED STAT**

Medical emergency. If one occurs in your work area, we ask that you please stay out of the way when rescue personnel arrive.

***CODE GREEN**

Personal Safety Emergency. You will see a lot of movement between the units. It would be best to collect your tools and exit a unit where this might be happening.

***FIRE ALARM**

You will hear an overhead announcement indicating location of alarm. You should secure your belongings and head to the nearest exit. If unsure of where to go, follow the crowd as the area you are in is evacuated. If you happen to be outdoors when an alarm sounds, please stay out of the building until the "ALL CLEAR" is given via overhead announcement.

Parking in the Fire Lane located directly outside the APC (the circle) is prohibited. If you need to unload items there please be sure that someone remains with the vehicle at all times in the event that fire/emergency apparatus needs to use it. Only active loading/unloading is allowed.

At any time if you have any questions regarding any of these or any other procedures, please feel free to ask us.

Company Name/ Type of work

Contractor- Print/Sign

Date

Campus Police Officer/NHH Staff- Print/ Sign/Date

NEW HAMPSHIRE HOSPITAL

STATEMENT OF CONFIDENTIALITY

Each patient at New Hampshire Hospital has a right to confidentiality and the privacy of their clinical information. That right extends to the fact of their hospitalization. Oral and/or written information that identifies or potentially identifies or is about a specific patient may be shared among individuals that have a need to know and only insofar as it is necessary for the patient's treatment or in the course of professional education. In addition, this information must be kept secure at all times, may not be placed in or recorded by personal electronic hardware or software, and shall be protected from any potential breach. Under no other circumstances may information be shared unless an authorization is given by law, by the patient/legal representative or when a clear medical emergency exists.

All those having a relationship with New Hampshire Hospital (students, consultants, contractors and volunteers) are under equal obligation to treat as confidential and to use safeguards to keep secure, any information they may have access to or acquire, by any means, about a patient or former patient. Any breach of confidentiality is a serious offense, violates the federal Health Insurance Portability and Accountability Act of 1996 (Public Law 104-191) and may be grounds for legal action or termination of a business relationship.

I, _____, have read, understand and
(Print name)
agree to abide by the provisions of this statement.

Signature

Date signed

Office Use Only
(DSFM 106 rev 2/2017)
Date Rev: _____

Rcv By: _____

Amount: _____

CK #: _____

AU: _____

STATE OF NEW HAMPSHIRE DEPARTMENT OF SAFETY

John J. Barthelmes

Division of Fire Safety

Office of the State Fire Marshal

J. William Degnan, State Fire Marshal

Mailing Address: 33 Hazen Drive Concord NH 03305

603-223-4289, Fax 603-223-4294

TDD Access: Relay NH 1-800-735-2964 Arson Hotline 1-800-400-3526



STATE BUILDING PERMIT APPLICATION

Submit a separate application per permit

APPLICATION

Applicant Information (Property Owner)

Property Information

Name: Charles M. Arlinghaus

Building Name: _____

Title: Commissioner-Dept of Administrative Services

Map/Lot#: _____

Address: 25 Capitol Street

Address: _____

City: Concord State: NH Zip: 03301

City: Concord State: NH Zip: 03301

Email: Charles.arlinghaus@nh.gov

Telephone #: 603-271-3201

APPLICATION INFORMATION

Permit Type (Check One):

- Building Construction Mechanical (Fuel Gas/Equipment)
 Fire Protection Mechanical (Non-Fuel gas portion of work)
 Electrical Plumbing

Construction Type:

- New Construction
 Addition
 Renovation

IBC Use Group: _____ Building Area: _____ SF

CONTRACTOR INFORMATION

General Contractor Name: _____ Email: _____

Company Name: _____ Telephone #: _____

Address: _____

City: _____ State: _____ Zip: _____

LICENSING INFORMATION

Please provide a copy of applicable license for electrical, plumbing or mechanical applications

- Electrical Fire Protection Mechanical (Fuel Gas) Plumbing

NH License #: _____ Exp. Date: _____ Email: _____

Name: _____ Telephone #: _____

Company: _____

Address: _____

City: _____ State: _____ Zip: _____

RESPONSIBLE DESIGN PROFESSIONAL (IF APPLICABLE)

Name: _____ NH License # & Exp. Date: _____

Company: _____

Address: _____

City: _____ State: _____ Zip: _____

Brief Description:

Owner's Signature _____ Date: _____

I hereby certify, subject to the penalties of unsworn falsification pursuant to RSA 641:3, that all statements made on this application are true to the best of my knowledge and that I am responsible to ensure that all construction work will be completed in accordance with all Federal, State and local laws and ordinances, including local Zoning Ordinances as applicable and the State of NH Building Code, and that I further authorize employees and or agents of the NH Fire Marshal's Office to enter this property for purposes of inspections.

PERMIT FEES PURSUANT TO NH CODE OF ADMINISTRATIVE RULES Saf-C 8105

*Please make checks payable to "Treasurer, State of New Hampshire"

Calculations: (Electrical/Mechanical/Plumbing)

Total cost of construction for permit calculation :\$ _____ (electrical/mechanical/plumbing only)

JOB COST	PROJECT AMOUNT	MULTIPLY	TOTAL INSP. FEE MIN \$75.00
1 st 100,000 0.01-100,000		1.2%	
2 nd 100,000 100,000.01-300,000		0.5%	
3 rd 100,000 300,000.01 +		0.3%	
Total Amount:			

Re-Inspection Fee (Electrical/Mechanical /Plumbing)

10% Re-inspection Fee: 10% of the fee calculated, provided that the fee shall not be less than \$100.00 nor more than \$500.00.

New Commercial Permit Fee (Building)

FEE TYPE	SQUARE FOOTAGE	FEE AMOUNT	TOTAL INSP. FEE
BUILDING PERMIT		0.30	
OTHER STRUCTURES min. \$35.00		1.00	

New Commercial Renovation Permit Fee (Building)

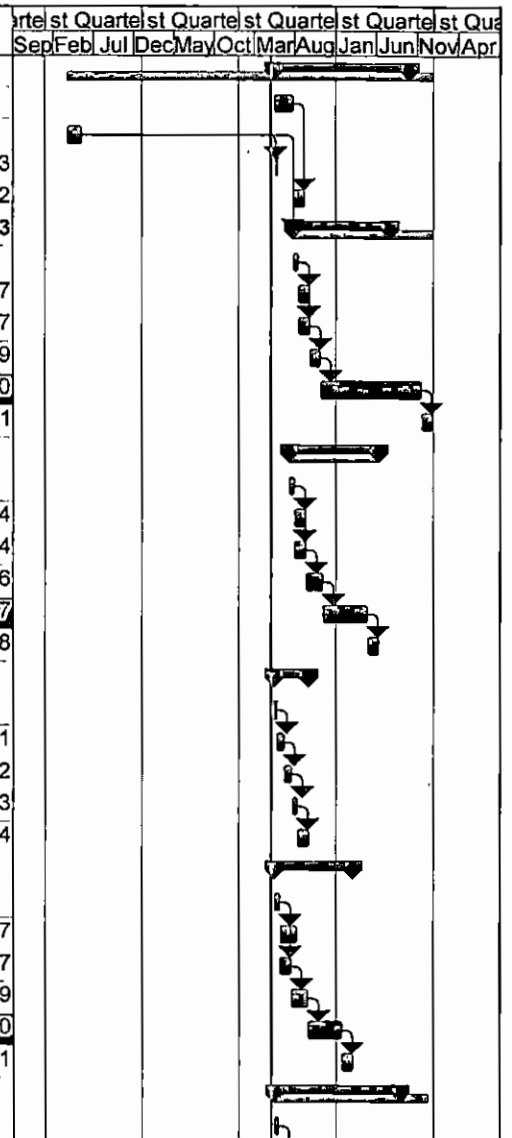
FEE TYPE	SQUARE FOOTAGE	FEE AMOUNT	TOTAL INSP. FEE
BUILDING PERMIT		0.15	
OTHER STRUCTURES min. \$35.00		\$1.00	

New Commercial Permit & Renovation Permit Fee (Fire Protection)

FEE TYPE	# OF DEVICES	FEE AMOUNT EACH	TOTAL INSP. FEE MIN \$35.00
FIRE PROTECTION		1.00	

Re-Inspection fee for Building, Fire Protection and Other; Permit fee is \$100.00 per inspection

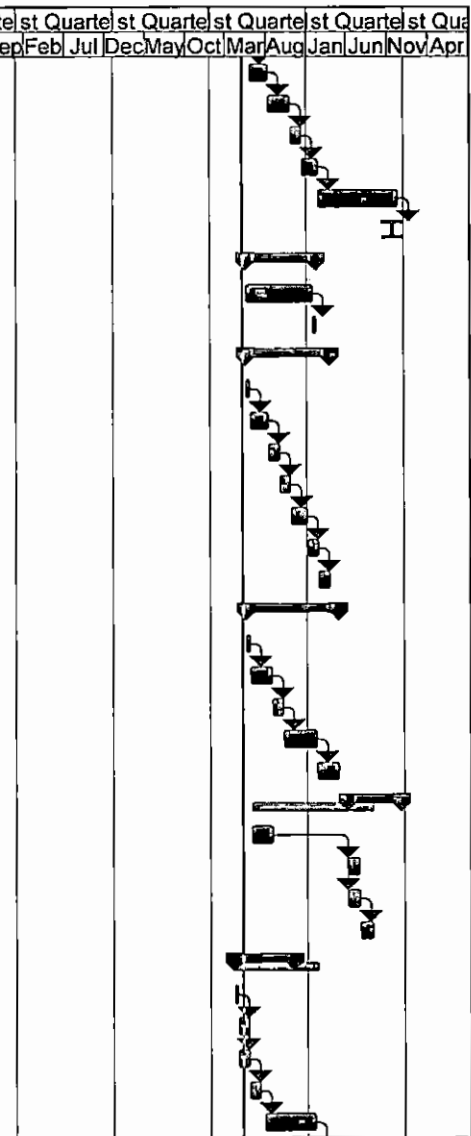
ID	Task Name	Duration	Start	Finish	Predecessors	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	
						Sep	Feb	Jul	Dec	May	Oct
1	Construction	362 days	Thu 5/17/18	Fri 10/4/19							
2	Design Specifications and Drawings	10 wks	Thu 5/17/18	Wed 7/25/18							
3	Administrative Submittal Reviews	8 wks	Wed 3/23/16	Tue 5/17/16							
4	Project Implementation Kick-Off and Mobilization	5 days	Mon 5/21/18	Fri 5/25/18	3						
5	Permits	30 days	Thu 7/26/18	Wed 9/5/18	2						
6	Lighting and Lighting Controls	259 days	Thu 7/26/18	Tue 7/23/19	3						
7	Scope Verifications	14 days	Thu 7/26/18	Tue 8/14/18							
8	Product Submittals	30 days	Wed 8/15/18	Tue 9/25/18	7						
9	Permits	30 days	Wed 8/15/18	Tue 9/25/18	7						
10	Order & Receive Materials	28 days	Wed 9/26/18	Fri 11/2/18	9						
11	Installations	270 days	Mon 11/5/18	Fri 11/15/19	10						
12	Closeout	30 days	Mon 11/18/19	Fri 12/27/19	11						
13	Window Installation	239 days	Wed 7/11/18	Mon 6/10/19							
14	Scope Verifications	14 days	Wed 7/11/18	Mon 7/30/18							
15	Product Submittals	30 days	Tue 7/31/18	Mon 9/10/18	14						
16	Permits	30 days	Tue 7/31/18	Mon 9/10/18	14						
17	Order & Receive Materials	45 days	Tue 9/11/18	Mon 11/12/18	16						
18	Installations	120 days	Tue 11/13/18	Mon 4/29/19	17						
19	Closeout	30 days	Tue 4/30/19	Mon 6/10/19	18						
20	Kitchen Exhaust Speed Controls	91 days	Thu 5/17/18	Thu 9/20/18							
21	Scope Verifications	5 days	Thu 5/17/18	Wed 5/23/18							
22	Product Submittals	21 days	Thu 5/24/18	Thu 6/21/18	21						
23	Order & Receive Materials	21 days	Fri 6/22/18	Fri 7/20/18	22						
24	Installations	14 days	Mon 7/23/18	Thu 8/9/18	23						
25	Closeout	30 days	Fri 8/10/18	Thu 9/20/18	24						
26	Transformers	209 days	Thu 5/17/18	Tue 3/5/19							
27	Scope Verifications	14 days	Thu 5/17/18	Tue 6/5/18							
28	Product Submittals	45 days	Wed 6/6/18	Tue 8/7/18	27						
29	Permits	30 days	Wed 6/6/18	Tue 7/17/18	27						
30	Order & Receive Materials	45 days	Wed 7/18/18	Tue 9/18/18	29						
31	Installations	90 days	Wed 9/19/18	Tue 1/22/19	30						
32	Closeout	30 days	Wed 1/23/19	Tue 3/5/19	31						
33	HVAC Controls	337 days	Thu 5/17/18	Fri 8/30/19							
34	Scope Verifications	10 days	Thu 5/17/18	Wed 5/30/18							



Project: DAS2 IGA Schedule
Date: Fri 5/4/18

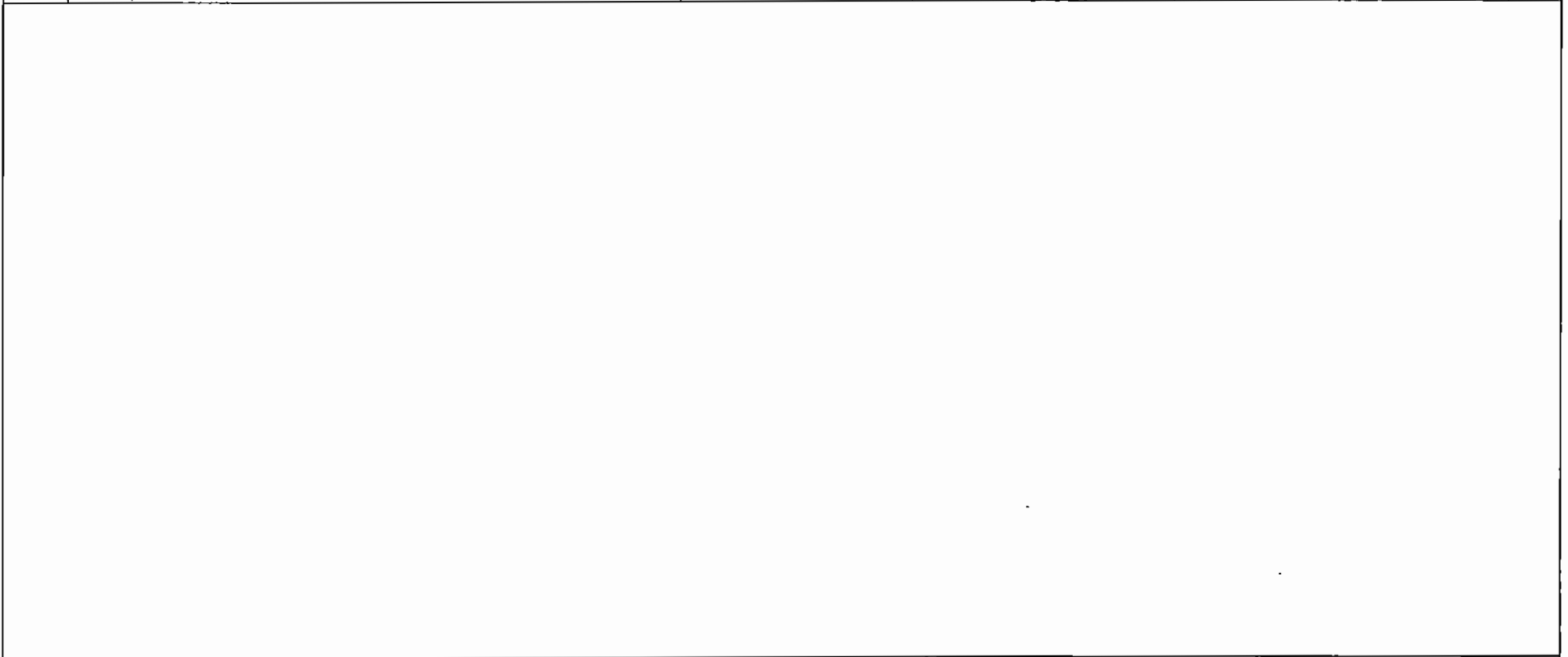
Task		External Milestone		Manual Summary Rollup	
Split		Inactive Task		Manual Summary	
Milestone		Inactive Milestone		Start-only	
Summary		Inactive Summary		Finish-only	
Project Summary		Manual Task		Progress	
External Tasks		Duration-only		Deadline	

ID	Task Name	Duration	Start	Finish	Predecessors	Quarter												
						Sep	Feb	Jul	Dec	May	Oct	Mar	Aug	Jan	Jun	Nov	Apr	
35	Design Specifications and Drawings	10 wks	Thu 5/31/18	Wed 8/8/18	34													
36	Product Submittals	60 days	Thu 8/9/18	Wed 10/31/18	35													
37	Permits	30 days	Thu 11/1/18	Wed 12/12/18	36													
38	Order & Receive Materials	45 days	Thu 12/13/18	Wed 2/13/19	37													
39	Installations & Controls	43 wks	Thu 2/14/19	Wed 12/11/19	38													
40	Closeout	7 days	Fri 11/15/19	Tue 11/26/19	39													
41	Recommissioning HVAC	190 days	Thu 5/17/18	Wed 2/6/19														
42	Recommissioning HVAC Equipment	180 days	Thu 5/17/18	Wed 1/23/19														
43	Final Cleanup and Demobilization	10 days	Thu 1/24/19	Wed 2/6/19	42													
44	Solar PV	225 days	Thu 5/17/18	Wed 3/27/19														
45	Scope Verifications	10 days	Thu 5/17/18	Wed 5/30/18														
46	Design Specifications and Drawings	10 wks	Thu 5/31/18	Wed 8/8/18	45													
47	Product Submittals	30 days	Thu 8/9/18	Wed 9/19/18	46													
48	Permits	30 days	Thu 9/20/18	Wed 10/31/18	47													
49	Order & Receive Materials	45 days	Thu 11/1/18	Wed 1/2/19	48													
50	Installations	30 days	Thu 1/3/19	Wed 2/13/19	49													
51	Closeout	30 days	Thu 2/14/19	Wed 3/27/19	50													
52	Water Conservation and Steam Traps	250 days	Thu 5/17/18	Wed 5/1/19														
53	Scope Verifications	10 days	Thu 5/17/18	Wed 5/30/18														
54	Product Submittals	60 days	Thu 5/31/18	Wed 8/22/18	53													
55	Order & Receive Materials	30 days	Thu 8/23/18	Wed 10/3/18	54													
56	Installations	90 days	Thu 10/4/18	Wed 2/6/19	55													
57	Closeout	60 days	Thu 2/7/19	Wed 5/1/19	56													
58	Twitel Building	144 days	Mon 6/3/19	Thu 12/19/19														
59	Design Review & Acceptance	60 days	Mon 6/4/18	Fri 8/24/18														
60	Piping Rough (Distribution)	32 days	Mon 6/3/19	Tue 7/16/19	59													
61	First Floor Fin Tube	34 days	Mon 6/3/19	Thu 7/18/19	59													
62	Second Floor Fin Tube	36 days	Fri 7/19/19	Fri 9/6/19	61													
63	Building Shell (Insulation & Weaterstripping)	161 days	Mon 4/2/18	Mon 11/12/18														
64	Scope Verifications	10 days	Mon 4/2/18	Fri 4/13/18														
65	Product Submittals	30 days	Mon 4/16/18	Fri 5/25/18	64													
66	Permits	30 days	Mon 4/16/18	Fri 5/25/18	64													
67	Order & Receive Materials	30 days	Mon 5/28/18	Fri 7/6/18	66													
68	Installations	139 days	Mon 7/23/18	Thu 1/31/19	67													



Project: DAS2 IGA Schedule Date: Fri 5/4/18	Task		External Milestone		Manual Summary Rollup	
	Split		Inactive Task		Manual Summary	
	Milestone		Inactive Milestone		Start-only	
	Summary		Inactive Summary		Finish-only	
	Project Summary		Manual Task		Progress	
	External Tasks		Duration-only		Deadline	

ID	Task Name	Duration	Start	Finish	Predecessors	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter									
						Sep	Feb	Jul	Dec	May	Oct	Mar	Aug	Jan	Jun	Nov	Apr		
69	Closeout	7 days	Fri 2/1/19	Mon 2/11/19	68														
70	Commissioning	276 days	Tue 9/4/18	Tue 9/24/19															
71	Commissioning of Equipment and Systems	2 wks	Mon 8/19/19	Fri 8/30/19															
72	Training of Facility Personnel	1 wk	Mon 9/2/19	Fri 9/6/19	71														
73	Completion of Construction and Training	1 wk	Tue 9/4/18	Mon 9/10/18															
74	Close-Out, record docs, post installation submittals	9 days	Mon 9/2/19	Thu 9/12/19	71														
75	Closeout Submittals O&Ms	7 days	Mon 9/2/19	Tue 9/10/19															
76	Project Acceptance	1 day	Wed 9/11/19	Wed 9/11/19	75														
77	Project Completion	1 day	Thu 9/12/19	Thu 9/12/19	76														



Project: DAS2 IGA Schedule Date: Fri 5/4/18	Task		External Milestone		Manual Summary Rollup	
	Split		Inactive Task		Manual Summary	
	Milestone		Inactive Milestone		Start-only	
	Summary		Inactive Summary		Finish-only	
	Project Summary		Manual Task		Progress	
	External Tasks		Duration-only		Deadline	

Installation Scheduling Assumptions

The HVAC Installation dates are based on assumptions including the following:

- At least one floor of one wing will be turned over to CES at a time.
- Staff and furniture relocation will be performed by others.
- All field work will be conducted during normal business hours.

Yellow highlighted Tasks: Are assumed to be partially completed during off hours.

LOB and State House work assumed to be completed during the months of July through September only.

Building shell work may require some off-hours work depending on the application and location.

Group ID: Group A Facility Name: Main Building ECM No: 203 Energy Project Category: Lighting Systems and Controls

Measure Description: Lighting: Upgrade Main Bldg lighting with retrofit LED systems and install additional occupancy controls

ECM Cost: \$184,628 M/V Cost: \$2,769 Total Cost: \$187,397 Simple Payback (Yrs): 9.56

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	174,950	597,104	\$18,457	0	0	\$0	174,950	597,104	\$18,457	849,600	20.59%	\$106,629	20.95%
kW	555		\$3,885	0		\$0	555		\$3,885	3,148	17.63%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	2,786	0.00%	\$56,891	0.00%
NG Therms	0	0	\$0	2,901	290,100	\$2,730	-2,901	-290,100	(\$2,730)	259,408	-1.12%	\$259,408	-1.05%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		597,104	\$22,342		290,100	\$2,730		307,004	\$19,612				

Group ID: Group A Facility Name: Main Building ECM No: 206 Energy Project Category: Lighting Systems and Controls

Measure Description: Lighting: Upgrade T8 lighting in Annex 1 with retrofit LED systems and install additional occupancy controls

ECM Cost: \$13,085 M/V Cost: \$196 Total Cost: \$13,281 Simple Payback (Yrs): 8.68

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	13,990	47,748	\$1,476	0	0	\$0	13,990	47,748	\$1,476	849,600	1.65%	\$106,629	1.65%
kW	41		\$287	0		\$0	41		\$287	3,148	1.30%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	2,786	0.00%	\$56,891	0.00%
NG Therms	0	0	\$0	247	24,700	\$232	-247	-24,700	(\$232)	259,408	-0.10%	\$259,408	-0.09%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		47,748	\$1,763		24,700	\$232		23,048	\$1,531				

Form E2 by Group ID

ESCO Name: ConEdison Solutions

Group ID	Group A	Facility Name	Main Building			ECM No	209	Energy Project Category	Lighting Systems and Controls				
Measure Description	Lighting: Upgrade T8 lighting in Howard Rec with retrofit LED systems and install additional occupancy controls												
ECM Cost	\$36,192	M/V Cost	\$543	Total Cost	\$36,735	Simple Payback (Yrs)				11.66			
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	28,345	96,741	\$2,990	0	0	\$0	28,345	96,741	\$2,990	849,600	3.34%	\$106,629	3.35%
kW	83		\$581	0		\$0	83		\$581	3,148	2.64%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	2,786	0.00%	\$56,891	0.00%
NG Therms	0	0	\$0	447	44,700	\$421	-447	-44,700	(\$421)	259,408	-0.17%	\$259,408	-0.16%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		96,741	\$3,571		44,700	\$421		52,041	\$3,151				

Group ID	Group A	Facility Name	Main Building			ECM No	210	Energy Project Category	Building Automated Control Systems				
Measure Description	Zone temp. ctrl with limited setback of existing steam, electric and heat pump heating; schedule ctrl of (4) restroom exh fans., ctrl split DX/Heat Pump systems in S. Pavilion and N. Pavilion Wing.												
ECM Cost	\$347,784	M/V Cost	\$5,217	Total Cost	\$353,001	Simple Payback (Yrs)				39.85			
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	8,239	28,120	\$869	0	0	\$0	8,239	28,120	\$869	849,600	0.97%	\$106,629	0.82%
kW	0		\$0	0		\$0	0		\$0	3,148	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	2,786	0.00%	\$56,891	0.00%
NG Therms	8,489	848,900	\$7,988	0	0	\$0	8,489	848,900	\$7,988	259,408	3.27%	\$259,408	3.08%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		877,020	\$8,857		0	\$0		877,020	\$8,857				

Form E2 by Group ID **ESCO Name: ConEdison Solutions**

Group ID Group A **Facility Name** Main Building **ECM No.** 211 **Energy Project Category** Building Automated Control Systems

Measure Description BMS: Howard Rec HVAC controls associated with electric savings (On Main Bldg Meter)

ECM Cost \$24,891 **M/V Cost** \$373 **Total Cost** \$25,264 **Simple Payback (Yrs)** 11.43

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	20,943	71,478	\$2,209	0	0	\$0	20,943	71,478	\$2,209	849,600	2.47%	\$106,629	2.07%
kW	0		\$0	0		\$0	0		\$0	3,148	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	2,786	0.00%	\$56,891	0.00%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	259,408	0.00%	\$259,408	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		71,478	\$2,209		0	\$0		71,478	\$2,209				

Group ID Group A **Facility Name** Main Building **ECM No.** 212 **Energy Project Category** Heating, Ventilation, and Air Conditioning

Measure Description HVAC: Steam trap survey, and repairs. Insulate exposed steam & DHW piping in basement level excluding campus steam mains / future boiler room.

ECM Cost \$241,436 **M/V Cost** \$3,622 **Total Cost** \$245,058 **Simple Payback (Yrs)** 12.89

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	849,600	0.00%	\$106,629	0.00%
kW	0		\$0	0		\$0	0		\$0	3,148	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	2,786	0.00%	\$56,891	0.00%
NG Therms	20,196	2,019,600	\$19,004	0	0	\$0	20,196	2,019,600	\$19,004	259,408	7.79%	\$259,408	7.33%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		2,019,600	\$19,004		0	\$0		2,019,600	\$19,004				

Form E2 by Group ID

ESCO Name: ConEdison Solutions

Group ID	Group A	Facility Name	Main Building	ECM No	215	Energy Project Category	Building Envelope
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Measure Description: Bldg Envelope: Install blown-in cellulose insulation in/on attic floors; seal attic penetrations. Relocate Admin attic water pipe to 5th flr ceiling; close and weatherstrip 5th floor door to attic.

ECM Cost	\$379,276	M/V Cost	\$5,689	Total Cost	\$384,965	Simple Payback (Yrs)	9.10
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	28,362	96,800	\$2,992	0	0	\$0	28,362	96,800	\$2,992	849,600	3.34%	\$106,629	2.81%
kW	0		\$0	0		\$0	0		\$0	3,148	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	2,786	0.00%	\$56,891	0.00%
NG Therms	41,760	4,176,000	\$39,296	0	0	\$0	41,760	4,176,000	\$39,296	259,408	16.10%	\$259,408	15.15%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		4,272,800	\$42,288		0	\$0		4,272,800	\$42,288				

Group ID	Group A	Facility Name	Main Building	ECM No	216	Energy Project Category	Building Envelope
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Measure Description: Bldg Envelope: Replace Windows at rear of Admin wing and stairwell/connector that were not part of recent window projects. Excludes Chapel windows.

ECM Cost	\$282,522	M/V Cost	\$4,238	Total Cost	\$286,760	Simple Payback (Yrs)	111.99
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	2,339	7,983	\$247	0	0	\$0	2,339	7,983	\$247	849,600	0.28%	\$106,629	0.23%
kW	0		\$0	0		\$0	0		\$0	3,148	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	2,786	0.00%	\$56,891	0.00%
NG Therms	2,459	245,900	\$2,314	0	0	\$0	2,459	245,900	\$2,314	259,408	0.95%	\$259,408	0.89%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		253,883	\$2,561		0	\$0		253,883	\$2,561				

Group ID: Group A Facility Name: Main Building ECM No: 217 Energy Project Category: Water Conservation

Measure Description: Water Conservation; low-flow fixtures in Main Building

ECM Cost: \$32,451 M/V Cost: \$487 Total Cost: \$32,938 Simple Payback (Yrs): 11.28

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct.			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	3,859	13,171	\$407	0	0	\$0	3,859	13,171	\$407	849,600	0.45%	\$106,629	0.38%
kW	0		\$0	0		\$0	0		\$0	3,148	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	378		\$2,514	0		\$0	378		\$2,514	2,786	13.57%	\$56,891	4.42%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	259,408	0.00%	\$259,408	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		13,171	\$2,921		0	\$0		13,171	\$2,921				

Group ID: Group A Facility Name: Main Building ECM No: 220 Energy Project Category: Electric Distribution System/Transformers

Measure Description: Install (9) high efficiency electric transformers in Main building

ECM Cost: \$138,754 M/V Cost: \$2,081 Total Cost: \$140,835 Simple Payback (Yrs): 19.35

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct.			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	63,287	215,999	\$6,677	0	0	\$0	63,287	215,999	\$6,677	849,600	7.45%	\$106,629	6.83%
kW	86		\$602	0		\$0	86		\$602	3,148	2.73%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	2,786	0.00%	\$56,891	0.00%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	259,408	0.00%	\$259,408	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		215,999	\$7,279		0	\$0		215,999	\$7,279				

Form E2 by Group ID

ESCO Name: **ConEdison Solutions**

Group ID: **Group A** Facility Name: **Main Building** ECM No: **221** Energy Project Category: **Electric Distribution System/Transformers**

Measure Description: **Install (1) high efficiency electric transformer in Annex 1 which is on the Main electric meter.**

ECM Cost: **\$13,863** M/V Cost: **\$208** Total Cost: **\$14,071** Simple Payback (Yrs): **19.30**

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	6,314	21,550	\$666	0	0	\$0	6,314	21,550	\$666	849,600	0.74%	\$106,629	0.68%
kW	9		\$63	0		\$0	9		\$63	3,148	0.29%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	2,786	0.00%	\$56,891	0.00%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	259,408	0.00%	\$259,408	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		21,550	\$729		0	\$0		21,550	\$729				

Group ID: **Group A** Facility Name: **Main Building** ECM No: **222** Energy Project Category: **Electric Distribution System/Transformers**

Measure Description: **Install (1) high efficiency electric transformer in Howard Rec which is on the Main electric meter.**

ECM Cost: **\$27,736** M/V Cost: **\$416** Total Cost: **\$28,152** Simple Payback (Yrs): **18.99**

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	12,861	43,895	\$1,357	0	0	\$0	12,861	43,895	\$1,357	849,600	1.51%	\$106,629	1.39%
kW	18		\$126	0		\$0	18		\$126	3,148	0.57%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	2,786	0.00%	\$56,891	0.00%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	259,408	0.00%	\$259,408	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		43,895	\$1,483		0	\$0		43,895	\$1,483				

Form E2, by Group ID

ESCO Name: **ConEdison Solutions**

Group ID	Group A	Facility Name	Main Building	ECM No	225	Energy Project Category	Building Envelope
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Measure Description: Bldg Envelope: Install attic insulation and roof slope insulation in Annex SOPS. Air seal building shell. Install doors to block air flow from cold steam tunnels from Bancroft and Thayer. Electric savings component.

ECM Cost	\$0	M/V Cost	\$0	Total Cost	\$0	Simple Payback (Yrs)	0.00
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	1,209	4,126	\$128	0	0	\$0	1,209	4,126	\$128	849,600	0.14%	\$106,629	0.12%
kW	0		\$0	0		\$0	0		\$0	3,148	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	2,786	0.00%	\$56,891	0.00%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	259,408	0.00%	\$259,408	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		4,126	\$128		0	\$0		4,126	\$128				

Group ID	Group A	Facility Name	Main Building	ECM No	226	Energy Project Category	Building Automated Control Systems
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Measure Description: BMS: Add (2) steam control valves and (2) temp sensors in Annex SOPS to new Building Automation Control System proposed for Main Building. Electric savings component.

ECM Cost	\$0	M/V Cost	\$0	Total Cost	\$0	Simple Payback (Yrs)	0.00
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	352	1,201	\$37	0	0	\$0	352	1,201	\$37	849,600	0.04%	\$106,629	0.03%
kW	0		\$0	0		\$0	0		\$0	3,148	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	2,786	0.00%	\$56,891	0.00%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	259,408	0.00%	\$259,408	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		1,201	\$37		0	\$0		1,201	\$37				

Form E2 by Group ID

ESCO Name: **ConEdison Solutions**

Group ID	Group A	Facility Name	Main Building	ECM No	250	Energy Project Category	Additional Measures						
Measure Description		DPW fee, Group A											
ECM Cost	\$31,348	M/V Cost	\$0	Total Cost	\$31,348	Simple Payback (Yrs)			#Div/0!				
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	849,600	0.00%	\$106,629	0.00%
kW	0		\$0	0		\$0	0		\$0	3,148	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	2,786	0.00%	\$56,891	0.00%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	259,408	0.00%	\$259,408	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		0	\$0		0	\$0		0	\$0				

Group ID	Group A	Facility Name	Annex - SOPS	ECM No	101	Energy Project Category	Building Automated Control Systems						
Measure Description		BMS: Add (2) steam control valves and (2) temp sensors to new Building Automation Control System proposed for Main Building. Provide N4 network controller.											
ECM Cost	\$16,700	M/V Cost	\$251	Total Cost	\$16,951	Simple Payback (Yrs)			27.29				
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
kW	0		\$0	0		\$0	0		\$0	0	#Num!		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
NG Therms	660	66,000	\$621	0	0	\$0	660	66,000	\$621	7,000	9.43%	\$7,000	8.87%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		66,000	\$621		0	\$0		66,000	\$621				

Group ID: **Group A** Facility Name: **Annex - SOPS** ECM No: **102** Energy Project Category: **Heating, Ventilation, and Air Conditioning**

Measure Description: **Steam trap survey, and repairs. Improve steam / HW pipe and valve/fitting insulation.**

ECM Cost: **\$9,201** M/V Cost: **\$138** Total Cost: **\$9,339** Simple Payback (Yrs): **11.04**

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
kW	0		\$0	0		\$0	0		\$0	0	#Num!		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
NG Therms	899	89,900	\$846	0	0	\$0	899	89,900	\$846	7,000	12.84%	\$7,000	12.09%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		89,900	\$846		0	\$0		89,900	\$846				

Group ID: **Group A** Facility Name: **Annex - SOPS** ECM No: **103** Energy Project Category: **Building Envelope**

Measure Description: **Bldg Envelope: Install attic insulation and roof slope insulation. Air seal building shell. Install doors to block air flow from cold steam tunnels to Bancroft and Thayer.**

ECM Cost: **\$39,576** M/V Cost: **\$594** Total Cost: **\$40,170** Simple Payback (Yrs): **21.79**

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
kW	0		\$0	0		\$0	0		\$0	0	#Num!		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
NG Therms	1,959	195,900	\$1,843	0	0	\$0	1,959	195,900	\$1,843	7,000	27.99%	\$7,000	26.33%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		195,900	\$1,843		0	\$0		195,900	\$1,843				

Form E2 by Group ID

ESCO Name: **ConEdison Solutions**

Group ID	Group A	Facility Name	Annex - SOPS	ECM No	104	Energy Project Category	Building Envelope
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Measure Description Bldg Envelope: Replace all windows with historically appropriate new windows and install door weatherstrip. Excludes decorative windows at entrance and stairwell.

ECM Cost	\$201,740	M/V Cost	\$3,026	Total Cost	\$204,766	Simple Payback (Yrs)	268.65
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
kW	0		\$0	0		\$0	0		\$0	0	#Num!		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
NG Therms	810	81,000	\$762	0	0	\$0	810	81,000	\$762	7,000	11.57%	\$7,000	10.89%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		81,000	\$762		0	\$0		81,000	\$762				

Group ID	Group A	Facility Name	Thayer Hall	ECM No	303	Energy Project Category	Lighting Systems and Controls
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Measure Description Lighting: Upgrade T8 lighting with retrofit LED systems and install additional occupancy controls

ECM Cost	\$102,675	M/V Cost	\$1,540	Total Cost	\$104,215	Simple Payback (Yrs)	6.09
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	138,988	474,366	\$14,663	0	0	\$0	138,988	474,366	\$14,663	270,720	51.34%	\$36,537	53.25%
kW	463		\$4,792	0		\$0	463		\$4,792	939	49.31%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	588	0.00%	\$5,467	0.00%
NG Therms	0	0	\$0	2,483	248,300	\$2,337	-2,483	-248,300	(\$2,337)	76,837	-3.23%	\$76,837	-3.04%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		474,366	\$19,455		248,300	\$2,337		226,066	\$17,119				

Group ID: Group A Facility Name: Thayer Hall ECM No: 304 Energy Project Category: Building Automated Control Systems

Measure Description: BMS: Add network Tstat control of (6) steam zone control valves to HVAC control system. Add additional DDC sensors per floor for each zone to improve temperature control accuracy.

ECM Cost: \$70,341 M/V Cost: \$1,055 Total Cost: \$71,396 Simple Payback (Yrs): 52.53

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	984	3,358	\$104	0	0	\$0	984	3,358	\$104	270,720	0.36%	\$36,537	0.28%
kW	0		\$0	0		\$0	0		\$0	939	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	588	0.00%	\$5,467	0.00%
NG Therms	1,334	133,400	\$1,255	0	0	\$0	1,334	133,400	\$1,255	76,837	1.74%	\$76,837	1.63%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		136,758	\$1,359		0	\$0		136,758	\$1,359				

Group ID: Group A Facility Name: Thayer Hall ECM No: 305 Energy Project Category: Heating, Ventilation, and Air Conditioning

Measure Description: Steam trap survey, and repairs. Insulate exposed steam piping in basement level excluding DAS permanent heating scope areas.

ECM Cost: \$115,190 M/V Cost: \$1,728 Total Cost: \$116,918 Simple Payback (Yrs): 15.67

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	270,720	0.00%	\$36,537	0.00%
kW	0		\$0	0		\$0	0		\$0	939	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	588	0.00%	\$5,467	0.00%
NG Therms	7,930	793,000	\$7,462	0	0	\$0	7,930	793,000	\$7,462	76,837	10.32%	\$76,837	9.71%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		793,000	\$7,462		0	\$0		793,000	\$7,462				

Form E2 by Group ID

ESCO Name: ConEdison Solutions

Group ID	Group A	Facility Name	Thayer Hall	ECM No	306	Energy Project Category	Building Envelope
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Measure Description: Bldg Envelope: Install attic insulation and air seal abandoned risers and other vertical basement / attic penetrations.

ECM Cost	\$154,872	M/V Cost	\$2,323	Total Cost	\$157,195	Simple Payback (Yrs)	15.37
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	5,875	20,051	\$620	0	0	\$0	5,875	20,051	\$620	270,720	2.17%	\$36,537	1.70%
kW	0		\$0	0		\$0	0		\$0	939	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	588	0.00%	\$5,467	0.00%
NG Therms	10,210	1,021,000	\$9,608	0	0	\$0	10,210	1,021,000	\$9,608	76,837	13.29%	\$76,837	12.50%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		1,041,051	\$10,227		0	\$0		1,041,051	\$10,227				

Group ID	Group A	Facility Name	Brown Building	ECM No	507	Energy Project Category	Lighting Systems and Controls
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Measure Description: Lighting: Upgrade T8 lighting with retrofit LED systems and install additional occupancy controls

ECM Cost	\$473,209	M/V Cost	\$7,098	Total Cost	\$480,307	Simple Payback (Yrs)	9.33
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	459,545	1,568,427	\$48,482	0	0	\$0	459,545	1,568,427	\$48,482	1,863,000	24.67%	\$233,376	24.08%
kW	1,102		\$7,714	0		\$0	1,102		\$7,714	7,033	15.67%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	697	0.00%	\$6,207	0.00%
NG Therms	0	0	\$0	4,994	499,400	\$4,699	-4,994	-499,400	(\$4,699)	59,572	-8.38%	\$56,721	-8.29%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		1,568,427	\$56,196		499,400	\$4,699		1,069,027	\$51,497				

Form E2 by Group ID **ESCO Name: ConEdison Solutions**

Group ID: Group A **Facility Name:** Brown Building **ECM No.:** 508 **Energy Project Category:** Lighting Systems and Controls

Measure Description: Lighting: Retrofit T8 & T12 lighting in Grounds Garage with LED; Retrofit high bay INC & HID with LED

ECM Cost: \$14,021 **M/V Cost:** \$210 **Total Cost:** \$14,231 **Simple Payback (Yrs):** 9.85

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct.			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	12,489	42,625	\$1,318	0	0	\$0	12,489	42,625	\$1,318	1,863,000	0.67%	\$233,376	0.69%
kW	41		\$287	0		\$0	41		\$287	7,033	0.58%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	697	0.00%	\$6,207	0.00%
NG Therms	0	0	\$0	170	17,000	\$160	-170	-17,000	(\$160)	59,572	-0.29%	\$56,721	-0.28%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		42,625	\$1,605		17,000	\$160		25,625	\$1,445				

Group ID: Group A **Facility Name:** Brown Building **ECM No.:** 509 **Energy Project Category:** Lighting Systems and Controls

Measure Description: Lighting: Upgrade T8 lighting in Paint and Carpentry Building with retrofit LED systems and install additional occupancy controls

ECM Cost: \$17,928 **M/V Cost:** \$269 **Total Cost:** \$18,197 **Simple Payback (Yrs):** 9.29

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct.			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	15,959	54,468	\$1,684	0	0	\$0	15,959	54,468	\$1,684	1,863,000	0.86%	\$233,376	0.93%
kW	70		\$490	0		\$0	70		\$490	7,033	1.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	697	0.00%	\$6,207	0.00%
NG Therms	0	0	\$0	228	22,800	\$215	-228	-22,800	(\$215)	59,572	-0.38%	\$56,721	-0.38%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		54,468	\$2,174		22,800	\$215		31,668	\$1,959				

Form E2 by Group ID

ESCO Name: ConEdison Solutions

Group ID	Group A	Facility Name	Brown Building	ECM No	510	Energy Project Category	Building Envelope
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Measure Description	Envelope improvements: Weatherstripping & door sweeps; OH doors / dock weatherstrip; seal roof/wall joint at dock						
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ECM Cost	\$8,240	M/V Cost	\$124	Total Cost	\$8,364	Simple Payback (Yrs)	24.05
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	86	294	\$9	0	0	\$0	86	294	\$9	1,863,000	0.00%	\$233,376	0.00%
kW	0		\$0	0		\$0	0		\$0	7,033	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	697	0.00%	\$6,207	0.00%
NG Therms	360	36,000	\$339	0	0	\$0	360	36,000	\$339	59,572	0.60%	\$56,721	0.60%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		36,294	\$348		0	\$0		36,294	\$348				

Group ID	Group A	Facility Name	Brown Building	ECM No	511	Energy Project Category	Building Envelope
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Measure Description	Attic insulation in Paint & Carpentry bldg.; allocation based on electric savings on Brown bldg meter.						
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ECM Cost	\$1,383	M/V Cost	\$21	Total Cost	\$1,404	Simple Payback (Yrs)	17.67
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	753	2,570	\$79	0	0	\$0	753	2,570	\$79	1,863,000	0.04%	\$233,376	0.03%
kW	0		\$0	0		\$0	0		\$0	7,033	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	697	0.00%	\$6,207	0.00%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	59,572	0.00%	\$56,721	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		2,570	\$79		0	\$0		2,570	\$79				

Form E2 by Group ID ESCO Name: **ConEdison Solutions**

Group ID: **Group A** Facility Name: **Brown Building** ECM No.: **513** Energy Project Category: **Building Automated Control Systems**

Measure Description: **HW temp reset and pump ctrl. Network stats for perim htg. Install 3-way HW vlv in blr room and HW supply temp reset ctrl. Install 3-way glycol loop vlv in blr room and glycol supply temp reset ctrl. VFD ctrl; RTUs and Pumps. RTU ReCx.**

ECM Cost: **\$288,413** M/V Cost: **\$4,326** Total Cost: **\$292,739** Simple Payback (Yrs): **7.73**

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	207,289	707,477	\$21,869	0	0	\$0	207,289	707,477	\$21,869	1,863,000	11.13%	\$233,376	9.37%
kW	0		\$0	0		\$0	0		\$0	7,033	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	697	0.00%	\$6,207	0.00%
NG Therms	16,991	1,699,100	\$15,989	0	0	\$0	16,991	1,699,100	\$15,989	59,572	28.52%	\$56,721	28.19%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		2,406,577	\$37,858		0	\$0		2,406,577	\$37,858				

Group ID: **Group A** Facility Name: **Brown Building** ECM No.: **514** Energy Project Category: **Premium Efficiency Motors and VFDs**

Measure Description: **Motors & Drives: Install kitchen exhaust speed controls based on heat / smoke level**

ECM Cost: **\$23,976** M/V Cost: **\$360** Total Cost: **\$24,336** Simple Payback (Yrs): **25.12**

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	2,930	10,000	\$309	0	0	\$0	2,930	10,000	\$309	1,863,000	0.16%	\$233,376	0.13%
kW	0		\$0	0		\$0	0		\$0	7,033	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	697	0.00%	\$6,207	0.00%
NG Therms	701	70,100	\$660	0	0	\$0	701	70,100	\$660	59,572	1.18%	\$56,721	1.16%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		80,100	\$969		0	\$0		80,100	\$969				

Form E-2 by Group ID

ESCO Name: **ConEdison Solutions**

Group ID	Group A	Facility Name	Brown Building	ECM No	515	Energy Project Category	Electric Distribution System/Transformers
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Measure Description Replace (8) electric distribution transformers

ECM Cost	\$271,041	M/V Cost	\$4,066	Total Cost	\$275,107	Simple Payback (Yrs)	20.79
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	114,925	392,239	\$12,125	0	0	\$0	114,925	392,239	\$12,125	1,863,000	6.17%	\$233,376	5.67%
kW	158		\$1,106	0		\$0	158		\$1,106	7,033	2.25%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	697	0.00%	\$6,207	0.00%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	59,572	0.00%	\$56,721	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		392,239	\$13,231		0	\$0		392,239	\$13,231				

Group ID	Group A	Facility Name	Dolloff Building	ECM No	403	Energy Project Category	Lighting Systems and Controls
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Measure Description Lighting: Upgrade T8 lighting with retrofit LED systems and install additional occupancy controls

ECM Cost	\$89,847	M/V Cost	\$1,348	Total Cost	\$91,195	Simple Payback (Yrs)	12.53
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	57,004	194,555	\$6,014	0	0	\$0	57,004	194,555	\$6,014	150,000	38.00%	\$19,833	41.44%
kW	213		\$2,205	0		\$0	213		\$2,205	472	45.13%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	222	0.00%	\$3,889	0.00%
NG Therms	0	0	\$0	1,002	100,200	\$943	-1,002	-100,200	(\$943)	43	#####	\$572	-164.84%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	202	0.00%	\$52,049	0.00%
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		194,555	\$8,218		100,200	\$943		94,355	\$7,276				

Form E2 by Group ID ESCO Name: **ConEdison Solutions**

Group ID: **Group A** Facility Name: **Dolloff Building** ECM No.: **404** Energy Project Category: **Building Envelope**

Measure Description: **Envelope improvements: Weatherstripping & door sweeps.**

ECM Cost: **\$2,213** M/V Cost: **\$33** Total Cost: **\$2,246** Simple Payback (Yrs): **25.82**

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	13	44	\$1	0	0	\$0	13	44	\$1	150,000	0.01%	\$19,833	0.01%
kW	0		\$0	0		\$0	0		\$0	472	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	222	0.00%	\$3,889	0.00%
NG Therms	91	9,100	\$86	0	0	\$0	91	9,100	\$86	43	211.63%	\$572	14.97%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	202	0.00%	\$52,049	0.00%
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		9,144	\$87		0	\$0		9,144	\$87				

Group ID: **Group A** Facility Name: **Dolloff Building** ECM No.: **405** Energy Project Category: **Building Automated Control Systems**

Measure Description: **Provide Cx of BMS after DAS converts to Boiler/HW: reset HW supply temp, VFD pump control. Modify sequence of prop. blr to operate at high eff in spring and fall low-load conditions; operate prop. pellet blr. in winter high-load conditions.**

ECM Cost: **\$34,658** M/V Cost: **\$520** Total Cost: **\$35,178** Simple Payback (Yrs): **4.98**

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	505	1,724	\$53	0	0	\$0	505	1,724	\$53	150,000	0.34%	\$19,833	0.27%
kW	0		\$0	0		\$0	0		\$0	472	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	222	0.00%	\$3,889	0.00%
NG Therms	0	0	\$0	6,543	654,300	\$6,157	-6,543	-654,300	(\$6,157)	43	#####	\$572	#####
Pellets Tons	51	841,500	\$13,167	0	0	\$0	51	841,500	\$13,167	202	25.25%	\$52,049	25.30%
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		843,224	\$13,220		654,300	\$6,157		188,924	\$7,063				

Form E-2 by Group ID

ESCO Name: ConEdison Solutions

Group ID	Group A	Facility Name	Dolloff Building	ECM No	406	Energy Project Category	Water Conservation
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Measure Description Water Conservation: low-flow fixtures

ECM Cost	\$9,100	M/V Cost	\$137	Total Cost	\$9,237	Simple Payback (Yrs)	39.93
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	815	2,782	\$86	0	0	\$0	815	2,782	\$86	150,000	0.54%	\$19,833	0.43%
kW	0		\$0	0		\$0	0		\$0	472	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	21		\$145	0		\$0	21		\$145	222	9.46%	\$3,889	3.74%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	43	0.00%	\$572	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	202	0.00%	\$52,049	0.00%
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		2,782	\$231		0	\$0		2,782	\$231				

Group ID	Group A	Facility Name	Grounds Shop	ECM No	1002	Energy Project Category	Building Automated Control Systems
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Measure Description BMS: Interface with proposed gas-fired IR heaters and UH's, and heat pump. Install network Tstats. Schedule all to match occupancy.

ECM Cost	\$18,572	M/V Cost	\$279	Total Cost	\$18,851	Simple Payback (Yrs)	14.12
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
kW	0		\$0	0		\$0	0		\$0	0	#Num!		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
NG Therms	1,419	141,900	\$1,335	0	0	\$0	1,419	141,900	\$1,335	8,637	16.43%	\$8,637	15.46%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		141,900	\$1,335		0	\$0		141,900	\$1,335				

Group ID: Group A Facility Name: Grounds Shop ECM No: 1004 Energy Project Category: Building Envelope

Measure Description: Bldg Envelope: Weatherstripping & door sweeps (including overhead doors). Air sealing. Materials allowance only; DAS to self-install.

ECM Cost: \$4,293 M/V Cost: \$64 Total Cost: \$4,357 Simple Payback (Yrs): 12.51

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
kW	0		\$0	0		\$0	0		\$0	0	#Num!		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
NG Therms	370	37,000	\$348	0	0	\$0	370	37,000	\$348	8,637	4.28%	\$8,637	4.03%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		37,000	\$348		0	\$0		37,000	\$348				

Group ID: Group A Facility Name: NH Hospital Laundry ECM No: 804 Energy Project Category: Building Automated Control Systems

Measure Description: BMS: Install network thermostats for all heating units. Schedule all to match occupancy. Identify UH adjacent to main overhead door and interlock. Install DDC control of exhaust fans.

ECM Cost: \$31,444 M/V Cost: \$472 Total Cost: \$31,916 Simple Payback (Yrs): 6.26

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
kW	0		\$0	0		\$0	0		\$0	0	#Num!		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	2,476	0.00%	\$16,059	0.00%
NG Therms	5,414	541,400	\$5,095	0	0	\$0	5,414	541,400	\$5,095	43,035	12.58%	\$41,945	12.15%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		541,400	\$5,095		0	\$0		541,400	\$5,095				

Form E2 by Group ID

ESCO Name: ConEdison Solutions

Group ID	Group A	Facility Name NH Hospital Laundry	ECM No 806	Energy Project Category Building Envelope
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Measure Description: Weatherstripping & door sweeps (including OHDs). Roof/wall joint sealing. Insulate perimeter foundation. Insulation panels for clerestory windows. Insulation panels over painted windows. Exterior storm windows over main floor-level windows.

ECM Cost \$48,842	M/V Cost \$733	Total Cost \$49,575	Simple Payback (Yrs) 14.01
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(1) Annual Energy Reductions				(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
kW	0		\$0	0		\$0	0		\$0	0	#Num!		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	2,476	0.00%	\$16,059	0.00%
NG Therms	3,761	376,100	\$3,539	0	0	\$0	3,761	376,100	\$3,539	43,035	8.74%	\$41,945	8.44%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		376,100	\$3,539		0	\$0		376,100	\$3,539				

Group ID	Group A	Facility Name NHH Warehouse	ECM No 601	Energy Project Category Lighting Systems and Controls
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Measure Description: Lighting: Upgrade T8 lighting with retrofit LED lamps; re-use existing ballasts due to low operating hours. DAS to provide lamps and self install.

ECM Cost \$843	M/V Cost \$13	Total Cost \$856	Simple Payback (Yrs) 0.87
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(1) Annual Energy Reductions				(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	2,353	8,031	\$248	0	0	\$0	2,353	8,031	\$248	5,243	44.88%	\$1,487	67.50%
kW	73		\$756	0		\$0	73		\$756	73	100.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	18	0.00%	\$327	0.00%
NG Therms	0	0	\$0	19	1,900	\$18	-19	-1,900	(\$18)	6,694	-0.28%	\$6,694	-0.27%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		8,031	\$1,004		1,900	\$18		6,131	\$986				

Group ID: Group A Facility Name: Paint & Carpentry Shops ECM No: 902 Energy Project Category: Building Automated Control Systems

Measure Description: Interface with proposed biodiesel steam boiler & terminal units. Install additional network Tstats and implement setback and scheduling. Install aquastat control of existing UH. Eliminate htg in attic over Carpentry; RCx steam distribution.

ECM Cost: \$14,455 M/V Cost: \$217 Total Cost: \$14,672 Simple Payback (Yrs): 6.19

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
kW	0		\$0	0		\$0	0		\$0	0	#Num!		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	109	0.00%	\$810	0.00%
NG Therms	2,518	251,800	\$2,369	0	0	\$0	2,518	251,800	\$2,369	10,729	23.47%	\$10,729	22.08%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		251,800	\$2,369		0	\$0		251,800	\$2,369				

Group ID: Group A Facility Name: Paint & Carpentry Shops ECM No: 904 Energy Project Category: Building Envelope

Measure Description: Weatherstripping and door sweeps; attic insulation over carpentry wing only; roof/wall joint sealing; DAS to keep basement sliding door closed. DAS has replaced roofing and will repair carpentry roof structure.

ECM Cost: \$24,228 M/V Cost: \$363 Total Cost: \$24,591 Simple Payback (Yrs): 13.95

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
kW	0		\$0	0		\$0	0		\$0	0	#Num!		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	109	0.00%	\$810	0.00%
NG Therms	1,873	187,300	\$1,762	0	0	\$0	1,873	187,300	\$1,762	10,729	17.46%	\$10,729	16.43%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		187,300	\$1,762		0	\$0		187,300	\$1,762				

Form E2 by Group ID

ESCO Name: ConEdison Solutions

Group ID	Group A	Facility Name	Transportation Garage	ECM No	703	Energy Project Category	Lighting Systems and Controls						
Measure Description	Lighting: Upgrade T8 lighting with retrofit LED systems and install additional occupancy controls												
ECM Cost	\$12,814	M/V Cost	\$192	Total Cost	\$13,006	Simple Payback (Yrs)	9.22						
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct.				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	11,147	38,045	\$1,176	0	0	\$0	11,147	38,045	\$1,176	104,272	10.69%	\$18,314	8.46%
kW	36		\$373	0		\$0	36		\$373	789	4.56%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
NG Therms	0	0	\$0	146	14,600	\$137	-146	-14,600	(\$137)	8,190	-1.78%	\$8,190	-1.68%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		38,045	\$1,549		14,600	\$137		23,445	\$1,411				

Group ID	Group A	Facility Name	Transportation Garage	ECM No	704	Energy Project Category	Lighting Systems and Controls						
Measure Description	Lighting: Upgrade T8 lighting in NHH Laundry Bldg with retrofit LED systems and install additional occupancy controls												
ECM Cost	\$14,451	M/V Cost	\$217	Total Cost	\$14,668	Simple Payback (Yrs)	8.69						
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct.				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	13,561	46,284	\$1,431	0	0	\$0	13,561	46,284	\$1,431	104,272	13.01%	\$18,314	10.13%
kW	41		\$424	0		\$0	41		\$424	789	5.20%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
NG Therms	0	0	\$0	178	17,800	\$167	-178	-17,800	(\$167)	8,190	-2.17%	\$8,190	-2.05%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		46,284	\$1,855		17,800	\$167		28,484	\$1,688				

Group ID: Group A Facility Name: Transportation Garage ECM No: 705 Energy Project Category: Building Envelope

Measure Description: Bldg Envelope: Weatherstripping & door sweeps (including overhead doors). Roof/wall joint sealing. Materials allowance only; DAS to self install.

ECM Cost: \$4,495 M/V Cost: \$67 Total Cost: \$4,562 Simple Payback (Yrs): 13.89

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	104,272	0.00%	\$18,314	0.00%
kW	0		\$0	0		\$0	0		\$0	789	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
NG Therms	349	34,900	\$328	0	0	\$0	349	34,900	\$328	8,190	4.26%	\$8,190	4.01%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		34,900	\$328		0	\$0		34,900	\$328				

Group ID: Group A Facility Name: Transportation Garage ECM No: 706 Energy Project Category: Building Automated Control Systems

Measure Description: BMS: Install network Tstats for proposed gas-fired IR heaters, Unit heaters, and AHU for office. Schedule all to match occupancy. Control setpoints for equipment in garage bay served by waste oil heater to be less than waste oil heater setpoint.

ECM Cost: \$19,449 M/V Cost: \$292 Total Cost: \$19,741 Simple Payback (Yrs): 11.25

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	104,272	0.00%	\$18,314	0.00%
kW	0		\$0	0		\$0	0		\$0	789	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
NG Therms	1,865	186,500	\$1,755	0	0	\$0	1,865	186,500	\$1,755	8,190	22.77%	\$8,190	21.43%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		186,500	\$1,755		0	\$0		186,500	\$1,755				

Form E2 by Group ID

ESCO Name: ConEdison Solutions

Group ID	Group A	Facility Name	Transportation Garage	ECM No	707	Energy Project Category	Water Conservation
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Measure Description
Water Conservation: low-flow fixtures

ECM Cost	\$96	M/V Cost	\$1	Total Cost	\$97	Simple Payback (Yrs)	13.93
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	66	225	\$7	0	0	\$0	66	225	\$7	104,272	0.06%	\$18,314	0.04%
kW	0		\$0	0		\$0	0		\$0	789	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	8,190	0.00%	\$8,190	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		225	\$7		0	\$0		225	\$7				

FORM E2 - GROUP ID TOTALS Group A

ECM Cost: \$3,892,272 M/A Cost: \$57,916 Total Cost: \$3,950,188 Simple Payback (Yrs): 13.40

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Grand Total Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	#####	4,813,480	\$148,791	0	0	\$0	#####	4,813,480	\$148,791	7,785,773	18.11%	\$994,762	17.34%
kW	2,989		\$23,690	0		\$0	2,989		\$23,690	28,991	10.31%		
Water Ccf	0		\$0	0		\$0	0		\$0	4,307	0.00%	\$10,211	0.00%
W/S Ccf	399		\$2,659	0		\$0	399		\$2,659	11,810	3.38%	\$151,265	1.76%
NG Therm	132,418	13,241,800	\$124,605	19,358	1,935,800	\$18,216	113,060	11,306,000	\$106,389	828,797	13.64%	\$828,225	12.85%
Pellets Tons	51	841,500	\$13,167	0	0	\$0	51	841,500	\$13,167	381	13.39%	\$98,186	13.41%
NA	0	0.00	\$0	0	0	\$0	0	0	\$0				
NA	0	0.00	\$0	0	0	\$0	0	0	\$0				
Annual Totals		18,896,780	\$312,912		1,935,800	\$18,216		16,960,980	\$294,696				

Group ID Total Cost	Percent of Total	Project Term	Interest Rate	Project Interest	Group ID Total Cost-Interest	Net Reductions	Payback Years
\$3,950,188	51.12%	20	3.000%	\$1,863,047	\$5,813,235	\$294,696	19.73

PAYBACK YEARS MUST BE 20 YEARS OR LESS

Form E2 by Group ID

ESCO Name: ConEdison Solutions

Group ID	Group B	Facility Name	State House	ECM No	1104	Energy Project Category	Building Automated Control Systems
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Measure Description: BMS: ReCx Building Automation Control System and local heating/cooling/ventilation controls. Install DDC exhaust fan controls.

ECM Cost	\$49,889	M/V Cost	\$748	Total Cost	\$50,637	Simple Payback (Yrs)	7.70
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
kW	0		\$0	0		\$0	0		\$0	0	#Num!		
Water Ccf	0		\$0	0		\$0	0		\$0	3,751	0.00%	\$7,914	0.00%
W/S Ccf	0		\$0	0		\$0	0		\$0	443	0.00%	\$5,704	0.00%
NG Therms	6,987	698,700	\$6,575	0	0	\$0	6,987	698,700	\$6,575	44,873	15.57%	\$44,873	14.65%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		698,700	\$6,575		0	\$0		698,700	\$6,575				

Group ID	Group B	Facility Name	State House	ECM No	1106	Energy Project Category	Heating, Ventilation, and Air Conditioning
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Measure Description: Steam trap survey, and repairs. Includes insulation improvements for steam pipe and valves/fittings.

ECM Cost	\$91,558	M/V Cost	\$1,373	Total Cost	\$92,931	Simple Payback (Yrs)	19.35
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
kW	0		\$0	0		\$0	0		\$0	0	#Num!		
Water Ccf	0		\$0	0		\$0	0		\$0	3,751	0.00%	\$7,914	0.00%
W/S Ccf	0		\$0	0		\$0	0		\$0	443	0.00%	\$5,704	0.00%
NG Therms	5,104	510,400	\$4,803	0	0	\$0	5,104	510,400	\$4,803	44,873	11.37%	\$44,873	10.70%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		510,400	\$4,803		0	\$0		510,400	\$4,803				

Group ID: Group B Facility Name: State House ECM No: 1108 Energy Project Category: Building Envelope

Measure Description: Bldg Envelope: Air seal penetrations from conditioned space into attic.

ECM Cost: \$8,166 M/V Cost: \$122 Total Cost: \$8,288 Simple Payback (Yrs): 11.48

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
kW	0		\$0	0		\$0	0		\$0	0	#Num!		
Water Ccf	0		\$0	0		\$0	0		\$0	3,751	0.00%	\$7,914	0.00%
W/S Ccf	0		\$0	0		\$0	0		\$0	443	0.00%	\$5,704	0.00%
NG Therms	767	76,700	\$722	0	0	\$0	767	76,700	\$722	44,873	1.71%	\$44,873	1.61%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		76,700	\$722		0	\$0		76,700	\$722				

Group ID: Group B Facility Name: State House ECM No: 1150 Energy Project Category: Additional Measures

Measure Description: DPW fee, Group B

ECM Cost: \$44,030 M/V Cost: \$0 Total Cost: \$44,030 Simple Payback (Yrs): #Div/0!

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
kW	0		\$0	0		\$0	0		\$0	0	#Num!		
Water Ccf	0		\$0	0		\$0	0		\$0	3,751	0.00%	\$7,914	0.00%
W/S Ccf	0		\$0	0		\$0	0		\$0	443	0.00%	\$5,704	0.00%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	44,873	0.00%	\$44,873	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		0	\$0		0	\$0		0	\$0				

Form E2 by Group ID

ES&D Name: ConEdison Solutions

Group ID	Group B	Facility Name	State House Annex			ECM No	1203	Energy Project Category	Lighting Systems and Controls				
Measure Description		Lighting: Upgrade T8 lighting with retrofit LED systems and install additional occupancy controls											
ECM Cost	\$108,076	M/V Cost	\$1,621	Total Cost	\$109,697	Simple Payback (Yrs)				8.80			
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	111,491	380,519	\$11,762	0	0	\$0	111,491	380,519	\$11,762	1,147,384	9.72%	\$142,332	10.06%
kW	366		\$2,562	0		\$0	366		\$2,562	4,383	8.35%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	507	0.00%	\$8,003	0.00%
NG Therms				1,969	196,900	\$1,853	-1,969	-196,900	(\$1,853)	64,213	-3.07%	\$64,721	-2.86%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		380,519	\$14,324		196,900	\$1,853		183,619	\$12,471				

Group ID	Group B	Facility Name	State House Annex			ECM No	1204	Energy Project Category	Lighting Systems and Controls				
Measure Description		Lighting: Upgrade State House T8 lighting with retrofit / new LED systems and install additional occupancy controls											
ECM Cost	\$182,349	M/V Cost	\$2,735	Total Cost	\$185,084	Simple Payback (Yrs)				16.57			
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	101,888	347,744	\$10,749	0	0	\$0	101,888	347,744	\$10,749	1,147,384	8.88%	\$142,332	8.91%
kW	276		\$1,932	0		\$0	276		\$1,932	4,383	6.30%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	507	0.00%	\$8,003	0.00%
NG Therms	0	0	\$0	1,604	160,400	\$1,509	-1,604	-160,400	(\$1,509)	64,213	-2.50%	\$64,721	-2.33%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		347,744	\$12,681		160,400	\$1,509		187,344	\$11,172				

Group ID: Group B Facility Name: State House Annex ECM No: 1207 Energy Project Category: Building Envelope

Measure Description: Building Envelope: Weatherstripping and air sealing.

ECM Cost: \$9,687 M/V Cost: \$145 Total Cost: \$9,832 Simple Payback (Yrs): 29.03

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	88	300	\$9	0	0	\$0	88	300	\$9	1,147,384	0.01%	\$142,332	0.01%
kW	0		\$0	0		\$0	0		\$0	4,383	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	507	0.00%	\$8,003	0.00%
NG Therms	350	35,000	\$329	0	0	\$0	350	35,000	\$329	64,213	0.55%	\$64,721	0.51%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		35,300	\$339		0	\$0		35,300	\$339				

Group ID: Group B Facility Name: State House Annex ECM No: 1208 Energy Project Category: Building Automated Control Systems

Measure Description: BMS: Schedule control via relays on window A/C circuits at (15) electrical panel locations

ECM Cost: \$168,519 M/V Cost: \$2,528 Total Cost: \$171,047 Simple Payback (Yrs): 15.18

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	106,805	364,525	\$11,268	0	0	\$0	106,805	364,525	\$11,268	1,147,384	9.31%	\$142,332	7.92%
kW	0		\$0	0		\$0	0		\$0	4,383	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	507	0.00%	\$8,003	0.00%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	64,213	0.00%	\$64,721	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		364,525	\$11,268		0	\$0		364,525	\$11,268				

Form E2 by Group ID

ESCO Name: ConEdison Solutions

Group ID | **Group B** | **Facility Name** | **State House Annex** | **ECM No** | **1209** | **Energy Project Category** | **Building Automated Control Systems**

Measure Description | BMS: Retrocommission Building Automation Control System and local heating controls; repair leaking valves to reduce overheating. Add exhaust fan controls. Upgrade from R2 to N4 controller.

ECM Cost | \$83,021 | **M/V Cost** | \$1,245 | **Total Cost** | \$84,266 | **Simple Payback (Yrs)** | 33.70

(1)			(2)			(3)			(4)				
Annual Energy Reductions			Annual Energy Additions			Net Reductions			2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	1,147,384	0.00%	\$142,332	0.00%
kW	0		\$0	0		\$0	0		\$0	4,383	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	507	0.00%	\$8,003	0.00%
NG Therms	2,657	265,700	\$2,500	0	0	\$0	2,657	265,700	\$2,500	64,213	4.14%	\$64,721	3.86%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		265,700	\$2,500		0	\$0		265,700	\$2,500				

Group ID | **Group B** | **Facility Name** | **State House Annex** | **ECM No** | **1210** | **Energy Project Category** | **Building Automated Control Systems**

Measure Description | BMS: Electric savings component of Statehouse BMS ECM (meter located in State House Annex)

ECM Cost | \$13,829 | **M/V Cost** | \$207 | **Total Cost** | \$14,036 | **Simple Payback (Yrs)** | 3.05

(1)			(2)			(3)			(4)				
Annual Energy Reductions			Annual Energy Additions			Net Reductions			2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	43,597	148,797	\$4,599	0	0	\$0	43,597	148,797	\$4,599	1,147,384	3.80%	\$142,332	3.23%
kW	0		\$0	0		\$0	0		\$0	4,383	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	507	0.00%	\$8,003	0.00%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	64,213	0.00%	\$64,721	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		148,797	\$4,599		0	\$0		148,797	\$4,599				

Form E2 by Group ID

ESCO Name: **ConEdison Solutions**

Group ID: **Group B** Facility Name: **State House Annex** ECM No: **1211** Energy Project Category: **Heating, Ventilation, and Air Conditioning**

Measure Description: **Steam trap survey, and repairs. Includes insulation improvements for steam piping and valves/fittings.**

ECM Cost: **\$175,794** M/V Cost: **\$2,637** Total Cost: **\$178,431** Simple Payback (Yrs): **43.70**

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	1,147,384	0.00%	\$142,332	0.00%
kW	0		\$0	0		\$0	0		\$0	4,383	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	507	0.00%	\$8,003	0.00%
NG Therms	4,339	433,900	\$4,083	0	0	\$0	4,339	433,900	\$4,083	64,213	6.76%	\$64,721	6.31%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		433,900	\$4,083		0	\$0		433,900	\$4,083				

Group ID: **Group B** Facility Name: **State House Annex** ECM No: **1212** Energy Project Category: **Water Conservation**

Measure Description: **Water Conservation; low-flow fixtures**

ECM Cost: **\$2,056** M/V Cost: **\$31** Total Cost: **\$2,087** Simple Payback (Yrs): **4.11**

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	1,477	5,041	\$156	0	0	\$0	1,477	5,041	\$156	1,147,384	0.13%	\$142,332	0.11%
kW	0		\$0	0		\$0	0		\$0	4,383	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	53		\$352	0		\$0	53		\$352	507	10.45%	\$8,003	4.40%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	64,213	0.00%	\$64,721	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		5,041	\$508		0	\$0		5,041	\$508				

Form E2 by Group ID

ESCO Name: ConEdison Solutions

Group ID Group B **Facility Name** State Library **ECM No** 1301 **Energy Project Category** Lighting Systems and Controls

Measure Description Lighting: Upgrade T8 lighting with retrofit / new LED systems and install additional occupancy controls

ECM Cost \$95,276 **M/V Cost** \$1,429 **Total Cost** \$96,705 **Simple Payback (Yrs)** 13.22

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	45,793	156,292	\$4,831	0	0	\$0	45,793	156,292	\$4,831	94,080	48.67%	\$13,710	59.09%
kW	316		\$3,271	0		\$0	316		\$3,271	411	76.89%		
Water Ccf	0		\$0	0		\$0	0		\$0	230	0.00%	\$698	0.00%
W/S Ccf	0		\$0	0		\$0	0		\$0	60	0.00%	\$2,155	0.00%
NG Therms	0	0	\$0	837	83,700	\$788	-837	-83,700	(\$788)	21,348	-3.92%	\$21,348	-3.69%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		156,292	\$8,102		83,700	\$788		72,592	\$7,314				

Group ID Group B **Facility Name** State Library **ECM No** 1304 **Energy Project Category** Building Envelope

Measure Description Bldg Envelope: Weatherstrip doors; Seal chimney flues (with badges noting closure); cover/seal OA damper for abandoned bsmt AHU; upgrade roof vent damper seals; seal vertical chases to roof.

ECM Cost \$6,396 **M/V Cost** \$96 **Total Cost** \$6,492 **Simple Payback (Yrs)** 33.68

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	34	116	\$4	0	0	\$0	34	116	\$4	94,080	0.04%	\$13,710	0.03%
kW	0		\$0	0		\$0	0		\$0	411	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	230	0.00%	\$698	0.00%
W/S Ccf	0		\$0	0		\$0	0		\$0	60	0.00%	\$2,155	0.00%
NG Therms	201	20,100	\$189	0	0	\$0	201	20,100	\$189	21,348	0.94%	\$21,348	0.89%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		20,216	\$193		0	\$0		20,216	\$193				

Group ID: Group B Facility Name: State Library EGM No: 1305 Energy Project Category: Building Automated Control Systems

Measure Description: BMS: Retrocommission DDC and local steam heating system controls. Upgrade from R2 to N4 controller.

ECM Cost: \$26,072 M/V Cost: \$391 Total Cost: \$26,463 Simple Payback (Yrs): 17.91

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	546	1,863	\$58	0	0	\$0	546	1,863	\$58	94,080	0.58%	\$13,710	0.42%
kW	0		\$0	0		\$0	0		\$0	411	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	230	0.00%	\$698	0.00%
W/S Ccf	0		\$0	0		\$0	0		\$0	60	0.00%	\$2,155	0.00%
NG Therms	1,509	150,900	\$1,420	0	0	\$0	1,509	150,900	\$1,420	21,348	7.07%	\$21,348	6.65%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		152,763	\$1,478		0	\$0		152,763	\$1,478				

Group ID: Group B Facility Name: State Library EGM No: 1306 Energy Project Category: Heating, Ventilation, and Air Conditioning

Measure Description: Steam trap survey, and repairs. Includes pipe and valve/fitting insulation upgrades.

ECM Cost: \$43,496 M/V Cost: \$652 Total Cost: \$44,148 Simple Payback (Yrs): 19.20

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	94,080	0.00%	\$13,710	0.00%
kW	0		\$0	0		\$0	0		\$0	411	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	230	0.00%	\$698	0.00%
W/S Ccf	0		\$0	0		\$0	0		\$0	60	0.00%	\$2,155	0.00%
NG Therms	2,443	244,300	\$2,299	0	0	\$0	2,443	244,300	\$2,299	21,348	11.44%	\$21,348	10.77%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		244,300	\$2,299		0	\$0		244,300	\$2,299				

Form E-2 by Group ID

ESCO Name: **ConEdison Solutions**

Group ID	Group B	Facility Name	State Library	ECM No	1307	Energy Project Category	Water Conservation						
Measure Description	Water Conservation; low-flow fixtures												
ECM Cost	\$824	M/V Cost	\$12	Total Cost	\$836	Simple Payback (Yrs)	15.57						
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	181	618	\$19	0	0	\$0	181	618	\$19	94,080	0.19%	\$13,710	0.14%
kW	0		\$0	0		\$0	0		\$0	411	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	230	0.00%	\$698	0.00%
W/S Ccf	5		\$35	0		\$0	5		\$35	60	8.33%	\$2,155	1.61%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	21,348	0.00%	\$21,348	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		618	\$54		0	\$0		618	\$54				

Group ID	Group B	Facility Name	Department of Justice	ECM No	1903	Energy Project Category	Lighting Systems and Controls						
Measure Description	Lighting: Upgrade T8 and CFL lighting with retrofit LED systems and install additional occupancy controls												
ECM Cost	\$133,976	M/V Cost	\$2,010	Total Cost	\$135,986	Simple Payback (Yrs)	10.04						
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	119,892	409,191	\$12,649	0	0	\$0	119,892	409,191	\$12,649	467,520	25.64%	\$62,598	24.61%
kW	394		\$2,758	0		\$0	394		\$2,758	2,218	17.76%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	302	0.00%	\$4,822	0.00%
NG Therms	0	0	\$0	1,978	197,800	\$1,861	-1,978	-197,800	(\$1,861)	20,429	-9.68%	\$20,429	-9.11%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		409,191	\$15,407		197,800	\$1,861		211,391	\$13,545				

Group ID: Group B Facility Name: Department of Justice ECM No: 1905 Energy Project Category: Water Conservation

Measure Description: Water Conservation; low-flow fixtures

ECM Cost: \$1,255 M/V Cost: \$19 Total Cost: \$1,274 Simple Payback (Yrs): 9.55

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	477	1,628	\$50	0	0	\$0	477	1,628	\$50	467,520	0.10%	\$62,598	0.08%
kW	0		\$0	0		\$0	0		\$0	2,218	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	12		\$83	0		\$0	12		\$83	302	3.97%	\$4,822	1.72%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	20,429	0.00%	\$20,429	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		1,628	\$133		0	\$0		1,628	\$133				

Group ID: Group B Facility Name: Department of Justice ECM No: 1906 Energy Project Category: Building Automated Control Systems

Measure Description: Add VFD to AHU-1&4 supply fans, and HWPs. Install VAV & CO2 control of AHU-1&4 (existing DDC). ReCx AHU sequences. Add (3) exh fans to BMS & schedule to match occupancy. ReCx VAV / baseboard heat sequences. Expand zone temperature control.

ECM Cost: \$140,213 M/V Cost: \$2,103 Total Cost: \$142,316 Simple Payback (Yrs): 18.96

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	55,728	190,200	\$5,879	0	0	\$0	55,728	190,200	\$5,879	467,520	11.92%	\$62,598	9.39%
kW	0		\$0	0		\$0	0		\$0	2,218	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	302	0.00%	\$4,822	0.00%
NG Therms	1,729	172,900	\$1,627	0	0	\$0	1,729	172,900	\$1,627	20,429	8.46%	\$20,429	7.96%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		363,100	\$7,506		0	\$0		363,100	\$7,506				

Form E2 by Group ID

ESCO Name: **ConEdison Solutions**

Group ID	Group B	Facility Name	Department of Justice	ECM No	1950	Energy Project Category	Additional Measures
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Measure Description	DPW fee, Group D						
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ECM Cost	\$2,641	M/V Cost	\$0	Total Cost	\$2,641	Simple Payback (Yrs)	#Div/0!
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	467,520	0.00%	\$62,598	0.00%
kW	0		\$0	0		\$0	0		\$0	2,218	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	302	0.00%	\$4,822	0.00%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	20,429	0.00%	\$20,429	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		0	\$0		0	\$0		0	\$0				

Group ID	Group B	Facility Name	Legislative Office Building	ECM No	1403	Energy Project Category	Lighting Systems and Controls
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Measure Description	Lighting: Upgrade T8 lighting with retrofit LED systems and install additional occupancy controls						
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ECM Cost	\$121,273	M/V Cost	\$1,819	Total Cost	\$123,092	Simple Payback (Yrs)	9.83
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	87,837	299,788	\$9,267	0	0	\$0	87,837	299,788	\$9,267	291,146	30.17%	\$21,266	65.96%
kW	460		\$4,761	0		\$0	460		\$4,761	1,274	36.11%		
Water Ccf	0		\$0	0		\$0	0		\$0	276	0.00%	\$1,353	0.00%
W/S Ccf	0		\$0	0		\$0	0		\$0	395	0.00%	\$8,592	0.00%
NG Therms	0	0	\$0	1,595	159,500	\$1,501	-1,595	-159,500	(\$1,501)	36,924	-4.32%	\$36,924	-4.06%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		299,788	\$14,028		159,500	\$1,501		140,288	\$12,527				

Form E2 by Group ID

ESCO Name: ConEdison Solutions

Group ID: Group B Facility Name: Legislative Office Building ECM No: 1404 Energy Project Category: Building Automated Control Systems

Measure Description: BMS: Install VFDs on exh fans for AHUs 1&2. Install DCV based on RA CO2 level and econo ctrl sequence. Improve CHW VFD ctrl; install DDC 2-way CHW valve ctrl. RCx existing ctrls. Install bathroom exh ctrl. Expand DDC zone temp ctrls.

ECM Cost: \$280,011 M/V Cost: \$4,200 Total Cost: \$284,211 Simple Payback (Yrs): 17.56

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	41,018	139,994	\$4,327	0	0	\$0	41,018	139,994	\$4,327	291,146	14.09%	\$21,266	20.35%
kW	0		\$0	0		\$0	0		\$0	1,274	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	276	0.00%	\$1,353	0.00%
W/S Ccf	0		\$0	0		\$0	0		\$0	395	0.00%	\$8,592	0.00%
NG Therms	12,598	1,259,800	\$11,855	0	0	\$0	12,598	1,259,800	\$11,855	36,924	34.12%	\$36,924	32.11%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		1,399,794	\$16,182		0	\$0		1,399,794	\$16,182				

Group ID: Group B Facility Name: Legislative Office Building ECM No: 1405 Energy Project Category: Building Envelope

Measure Description: Bldg Envelope: Install blown-in cellulose insulation in sloping ceilings below main ceiling. Insulate knee walls below slopes. Air seal all electrical and plumbing penetrations in attic floor.

ECM Cost: \$20,943 M/V Cost: \$314 Total Cost: \$21,257 Simple Payback (Yrs): 15.69

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	88	300	\$9	0	0	\$0	88	300	\$9	291,146	0.03%	\$21,266	0.04%
kW	0		\$0	0		\$0	0		\$0	1,274	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	276	0.00%	\$1,353	0.00%
W/S Ccf	0		\$0	0		\$0	0		\$0	395	0.00%	\$8,592	0.00%
NG Therms	1,430	143,000	\$1,346	0	0	\$0	1,430	143,000	\$1,346	36,924	3.87%	\$36,924	3.64%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		143,300	\$1,355		0	\$0		143,300	\$1,355				

Form E2 by Group ID

ESCO Name: **ConEdison Solutions**

Group ID	Group B	Facility Name	Legislative Office Building	ECM No	1407	Energy Project Category	Electric Distribution System/Transformers						
Measure Description		Replace (6) electrical distribution transformers with high efficiency units.											
ECM Cost	\$60,544	M/V Cost	\$908	Total Cost	\$61,452	Simple Payback (Yrs)	19.98						
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	25,719	87,779	\$2,713	0	0	\$0	25,719	87,779	\$2,713	291,146	8.83%	\$21,266	14.46%
kW	35		\$362	0		\$0	35		\$362	1,274	2.75%		
Water Ccf	0		\$0	0		\$0	0		\$0	276	0.00%	\$1,353	0.00%
W/S Ccf	0		\$0	0		\$0	0		\$0	395	0.00%	\$8,592	0.00%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	36,924	0.00%	\$36,924	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		87,779	\$3,076		0	\$0	87,779	\$3,076					

Group ID	Group B	Facility Name	M&S Building	ECM No	1702	Energy Project Category	Lighting Systems and Controls						
Measure Description		Lighting: Upgrade T8 and T5 lighting with retrofit & limited new LED systems and install additional occupancy controls											
ECM Cost	\$174,319	M/V Cost	\$2,615	Total Cost	\$176,934	Simple Payback (Yrs)	15.31						
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines+ ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	89,478	305,388	\$9,440	0	0	\$0	89,478	305,388	\$9,440	751,800	11.90%	\$99,841	12.84%
kW	327		\$3,384	0		\$0	327		\$3,384	2,491	13.13%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	300	0.00%	\$4,225	0.00%
NG Therms	0	0	\$0	1,348	134,800	\$1,268	-1,348	-134,800	(\$1,268)	0	#Div/0!	\$0	#Div/0!
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	179	0.00%	\$46,137	0.00%
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		305,388	\$12,824		134,800	\$1,268	170,588	\$11,556					

Form E2 by Group ID

ESCO Name: **ConEdison Solutions**

Group ID	Group B	Facility Name	M&S Building	ECM No	1704	Energy Project Category	Building Automated Control Systems
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Measure Description: Gen ReCx: setback and scheduling, elim. Simult. Htg. and clg. Modify ctrl sequence of prop. Cond. blr to operate at high eff in spring and fall low-load conditions, and operate proposed pellet blr in winter high-load conditions

ECM Cost	\$68,245	M/V Cost	\$1,024	Total Cost	\$69,269	Simple Payback (Yrs)	2.22
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	220,904	753,945	\$23,305	0	0	\$0	220,904	753,945	\$23,305	751,800	29.38%	\$99,841	23.34%
kW	0		\$0	0		\$0	0		\$0	2,491	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	300	0.00%	\$4,225	0.00%
NG Therms	0	0	\$0	2,101	210,100	\$1,977	-2,101	-210,100	(\$1,977)	0	#Div/0!	\$0	#Div/0!
Pellets Tons	38	627,000	\$9,811	0	0	\$0	38	627,000	\$9,811	179	21.23%	\$46,137	21.26%
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		1,380,945	\$33,116		210,100	\$1,977		1,170,845	\$31,139				

Group ID	Group B	Facility Name	M&S Building	ECM No	1705	Energy Project Category	Building Envelope
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Measure Description: Bldg Envelope: Weatherstripping & door sweeps

ECM Cost	\$8,086	M/V Cost	\$121	Total Cost	\$8,207	Simple Payback (Yrs)	15.68
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	66	225	\$7	0	0	\$0	66	225	\$7	751,800	0.01%	\$99,841	0.01%
kW	0		\$0	0		\$0	0		\$0	2,491	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	300	0.00%	\$4,225	0.00%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
Pellets Tons	2	33,000	\$516	0	0	\$0	2	33,000	\$516	179	1.12%	\$46,137	1.12%
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		33,225	\$523		0	\$0		33,225	\$523				

Form E2 by Group ID

ESCO Name: ConEdison Solutions

Group ID	Group B	Facility Name	M&S Building	ECM No	1706	Energy Project Category	Water Conservation						
Measure Description	Water Conservation; low-flow fixtures												
ECM Cost	\$10,211	M/V Cost	\$153	Total Cost	\$10,364	Simple Payback (Yrs)	20.19						
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	1,651	5,635	\$174	0	0	\$0	1,651	5,635	\$174	751,800	0.22%	\$99,841	0.17%
kW	0		\$0	0		\$0	0		\$0	2,491	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	49		\$339	0		\$0	49		\$339	300	16.33%	\$4,225	8.03%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	179	0.00%	\$46,137	0.00%
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		5,635	\$513		0	\$0		5,635	\$513				

Group ID	Group B	Facility Name	Records & Archives	ECM No	1603	Energy Project Category	Lighting Systems and Controls						
Measure Description	Lighting: Upgrade T8 lighting with retrofit LED systems and install additional occupancy controls. Photocell control for exterior fixtures.												
ECM Cost	\$85,343	M/V Cost	\$1,280	Total Cost	\$86,623	Simple Payback (Yrs)	10.13						
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	68,041	232,224	\$7,178	0	0	\$0	68,041	232,224	\$7,178	300,080	22.67%	\$38,548	25.15%
kW	243		\$2,515	0		\$0	243		\$2,515	857	28.35%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	73	0.00%	\$1,075	0.00%
NG Therms	0	0	\$0	1,210	121,000	\$1,139	-1,210	-121,000	(\$1,139)	22,362	-5.41%	\$22,698	-5.02%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		232,224	\$9,693		121,000	\$1,139		111,224	\$8,555				

Form E2 by Group ID

ESCO Name: ConEdison Solutions

Group ID	Group B	Facility Name	Records & Archives	ECM No	1604	Energy Project Category	Building Automated Control Systems						
Measure Description	BMS: Add (2) exhaust fans to BMS. Add (1) ERV to BMS and verify sequences / add or convert to 2-way valves. ReCx SHWP control sequences. General ReCx: implement/verify temp setback and equipment scheduling. Upgrade from R2 to N4 controller.												
ECM Cost	\$65,571	M/V Cost	\$984	Total Cost	\$66,555			Simple Payback (Yrs)	7.92				
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	36,417	124,291	\$3,842	0	0	\$0	36,417	124,291	\$3,842	300,080	12.14%	\$38,548	9.97%
kW	0		\$0	0		\$0	0		\$0	857	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	73	0.00%	\$1,075	0.00%
NG Therms	4,843	484,300	\$4,557	0	0	\$0	4,843	484,300	\$4,557	22,362	21.66%	\$22,698	20.08%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		608,591	\$8,399		0	\$0		608,591	\$8,399				

Group ID	Group B	Facility Name	Records & Archives	ECM No	1605	Energy Project Category	Building Envelope						
Measure Description	Bldg Envelope: roof/wall joint sealing, weatherstripping & door sweeps (including overhead doors)												
ECM Cost	\$25,389	M/V Cost	\$381	Total Cost	\$25,770			Simple Payback (Yrs)	21.37				
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	237	809	\$25	0	0	\$0	237	809	\$25	300,080	0.08%	\$38,548	0.06%
kW	0		\$0	0		\$0	0		\$0	857	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	73	0.00%	\$1,075	0.00%
NG Therms	1,255	125,500	\$1,181	0	0	\$0	1,255	125,500	\$1,181	22,362	5.61%	\$22,698	5.20%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		126,309	\$1,206		0	\$0		126,309	\$1,206				

Form E2 by Group ID

ESCO Name: **ConEdison Solutions**

Group ID: **Group B** Facility Name: **Records & Archives** ECM No: **1606** Energy Project Category: **Water Conservation**

Measure Description: **Water Conservation; low-flow fixtures**

ECM Cost: **\$1,084** M/V Cost: **\$16** Total Cost: **\$1,100** Simple Payback (Yrs): **28.69**

(1)			(2)			(3)			(4)				
Annual Energy Reductions			Annual Energy Additions			Net Reductions			2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	101	345	\$11	0	0	\$0	101	345	\$11	300,080	0.03%	\$38,548	0.03%
kW	0		\$0	0		\$0	0		\$0	857	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	4		\$28	0		\$0	4		\$28	73	5.48%	\$1,075	2.58%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	22,362	0.00%	\$22,698	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		345	\$38		0	\$0		345	\$38				

Group ID: **Group B** Facility Name: **Records & Archives** ECM No: **1607** Energy Project Category: **Electric Distribution System/Transformers**

Measure Description: **Replace (2) dry type low voltage transformers**

ECM Cost: **\$32,355** M/V Cost: **\$485** Total Cost: **\$32,840** Simple Payback (Yrs): **19.93**

(1)			(2)			(3)			(4)				
Annual Energy Reductions			Annual Energy Additions			Net Reductions			2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	13,751	46,932	\$1,451	0	0	\$0	13,751	46,932	\$1,451	300,080	4.58%	\$38,548	4.27%
kW	19		\$197	0		\$0	19		\$197	857	2.22%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	73	0.00%	\$1,075	0.00%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	22,362	0.00%	\$22,698	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		46,932	\$1,647		0	\$0		46,932	\$1,647				

Form E2 by Group ID

ESCO Name: **ConEdison Solutions**

Group ID: **Group B** Facility Name: **Records & Archives** ECM No: **1608** Energy Project Category: **Renewable Energy**

Measure Description: **Renewable Energy: Install 45 kW Solar PV systems to generate renewable electricity. Locate on roof of new addition being installed in 2018 and coordinate with 15kW PV being installed as part of addition scope.**

ECM Cost: **\$217,799** M/V Cost: **\$3,267** Total Cost: **\$221,066** Simple Payback (Yrs): **44.25**

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	47,354	161,619	\$4,996	0	0	\$0	47,354	161,619	\$4,996	300,080	15.78%	\$38,548	12.96%
kW	0		\$0	0		\$0	0		\$0	857	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	73	0.00%	\$1,075	0.00%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	22,362	0.00%	\$22,698	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		161,619	\$4,996		0	\$0		161,619	\$4,996				

Group ID: **Group B** Facility Name: **Upham Walker House** ECM No: **1501** Energy Project Category: **Lighting Systems and Controls**

Measure Description: **Lighting: Upgrade T8/CFL lighting with retrofit LED systems and install additional occupancy controls. Self perform by DA5.**

ECM Cost: **\$361** M/V Cost: **\$5** Total Cost: **\$366** Simple Payback (Yrs): **0.33**

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	4,693	16,017	\$495	0	0	\$0	4,693	16,017	\$495	8,604	54.54%	\$1,781	65.57%
kW	65		\$673	0		\$0	65		\$673	69	94.20%		
Water Ccf	0		\$0	0		\$0	0		\$0	50	0.00%	\$246	0.00%
W/S Ccf	0		\$0	0		\$0	0		\$0	51	0.00%	\$944	0.00%
NG Therms	0	0	\$0	57	5,700	\$54	-57	-5,700	(\$54)	1,852	-3.08%	\$1,852	-2.90%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		16,017	\$1,168		5,700	\$54		10,317	\$1,114				

Form E2 by Group ID

ESCO Name: ConEdison Solutions

Group ID	Group B	Facility Name Upham Walker House	ECM No 1503	Energy Project Category Building Envelope
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Measure Description Bldg Envelope: Weatherstrip doors; Seal chimney flues (with badges noting closure); cover/seal basement door.

ECM Cost	\$2,372	M/V Cost	\$36	Total Cost	\$2,408	Simple Payback (Yrs)	24.61
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	8,604	0.00%	\$1,781	0.00%
kW	0		\$0	0		\$0	0		\$0	69	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	50	0.00%	\$246	0.00%
W/S Ccf	0		\$0	0		\$0	0		\$0	51	0.00%	\$944	0.00%
NG Therms	104	10,400	\$98	0	0	\$0	104	10,400	\$98	1,852	5.62%	\$1,852	5.28%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		10,400	\$98		0	\$0		10,400	\$98				

FORM E2 - GROUP ID TOTALS Group B

ECM Cost \$2,561,029 M/V Cost \$37,712 Total Cost \$2,598,741 Simple Payback (Yrs) 13.36

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Grand Total Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	#####	4,182,126	\$129,275	0	0	\$0	#####	4,182,126	\$129,275	7,785,773	15.74%	\$994,762	15.25%
kW	2,501		\$22,415	0		\$0	2,501		\$22,415	28,991	8.63%		
Water Ccf	0		\$0	0		\$0	0		\$0	4,307	0.00%	\$10,211	0.00%
W/S Ccf	123		\$837	0		\$0	123		\$837	11,810	1.04%	\$151,265	0.55%
NG Therm	46,316	4,631,600	\$43,583	12,699	1,269,900	\$11,950	33,617	3,361,700	\$31,634	828,797	4.06%	\$828,225	3.82%
Pellets Tons	40	660,000	\$10,327	0	0	\$0	40	660,000	\$10,327	381	10.50%	\$98,186	10.52%
NA	0	0.00	\$0	0	0	\$0	0	0	\$0				
NA	0	0.00	\$0	0	0	\$0	0	0	\$0				
Annual Totals		9,473,726	\$206,437		1,269,900	\$11,950		8,203,826	\$194,487				

Group ID Total Cost	Percent of Total	Project Term	Interest Rate	Project Interest	Group ID Total Cost Interest	Net Reductions	Payback Years
\$2,598,741	33.63%	20	3.000%	\$1,225,657	\$3,824,398	\$194,487	19.66

PAYBACK YEARS MUST BE 20 YEARS OR LESS

Form E2 by Group ID

ESCO Name: **ConEdison Solutions**

Group ID	Group C	Facility Name	Philbrook Building	ECM No	1803	Energy Project Category	Lighting Systems and Controls						
Measure Description		Lighting: Upgrade T8 lighting with retrofit LED systems and install additional occupancy controls											
ECM Cost	\$53,803	M/V Cost	\$807	Total Cost	\$54,610			Simple Payback (Yrs)	8.30				
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	51,494	175,749	\$5,433	0	0	\$0	51,494	175,749	\$5,433	282,700	18.22%	\$38,196	19.45%
kW	193		\$1,998	0		\$0	193		\$1,998	853	22.63%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	228	0.00%	\$3,048	0.00%
NG Therms	0	0	\$0	908	90,800	\$854	-908	-90,800	(\$854)	11,115	-8.17%	\$11,614	-7.36%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		175,749	\$7,430		90,800	\$854		84,949	\$6,576				

Group ID	Group C	Facility Name	Philbrook Building	ECM No	1804	Energy Project Category	Building Envelope						
Measure Description		Bldg Envelope: Weatherstripping & door sweeps.											
ECM Cost	\$5,082	M/V Cost	\$76	Total Cost	\$5,158			Simple Payback (Yrs)	23.00				
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	56	191	\$6	0	0	\$0	56	191	\$6	282,700	0.02%	\$38,196	0.02%
kW	0		\$0	0		\$0	0		\$0	853	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	228	0.00%	\$3,048	0.00%
NG Therms	232	23,200	\$218	0	0	\$0	232	23,200	\$218	11,115	2.09%	\$11,614	1.88%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		23,391	\$224		0	\$0		23,391	\$224				

Form E2 by Group ID

ESCO Name: **ConEdison Solutions**

Group ID: **Group C** Facility Name: **Philbrook Building** ECM No: **1805** Energy Project Category: **Building Automated Control Systems**

Measure Description: **BMS: Interface with new condensing boiler & HWPs; OAT reset (180 to 160) and OAT lockout. ReCx ERV-1B schedule control. ReCx control of heat pumps as first stage of heating followed by perimeter HW radiation.**

ECM Cost: **\$59,769** M&V Cost: **\$897** Total Cost: **\$60,666** Simple Payback (Yrs): **25.41**

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	7,219	24,638	\$762	-7,219	-24,638	(\$762)	282,700	-2.55%	\$38,196	-1.99%
kW	0		\$0	0		\$0	0		\$0	853	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	228	0.00%	\$3,048	0.00%
NG Therms	3,347	334,700	\$3,150	0	0	\$0	3,347	334,700	\$3,150	11,115	30.11%	\$11,614	27.12%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		334,700	\$3,150		24,638	\$762		-310,062	\$2,388				

Group ID: **Group C** Facility Name: **Philbrook Building** ECM No: **1850** Energy Project Category: **Additional Measures**

Measure Description: **DPW fee, Group C**

ECM Cost: **\$1,353** M&V Cost: **\$0** Total Cost: **\$1,353** Simple Payback (Yrs): **#Div/0!**

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	282,700	0.00%	\$38,196	0.00%
kW	0		\$0	0		\$0	0		\$0	853	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	228	0.00%	\$3,048	0.00%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	11,115	0.00%	\$11,614	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		0	\$0		0	\$0		0	\$0				

FORM E2 - GROUP ID TOTALS **Group C**

ECM Cost	\$120,007	M/V Cost	\$1,780	Total Cost	\$121,787	Simple Payback (Yrs)	13.26
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Grand Total Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	51,550	175,940	\$5,439	7,219	24,638	\$762	44,331	151,302	\$4,677	7,785,773	0.57%	\$994,762	0.67%
kW	193		\$1,998	0		\$0	193		\$1,998	28,991	0.67%		
Water Ccf	0		\$0	0		\$0	0		\$0	4,307	0.00%	\$10,211	0.00%
W/S Ccf	0		\$0	0		\$0	0		\$0	11,810	0.00%	\$151,265	0.00%
NG Therm	3,579	357,900	\$3,368	908	90,800	\$854	2,671	267,100	\$2,513	828,797	0.32%	\$828,225	0.30%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	381	0.00%	\$98,186	0.00%
NA	0	0.00	\$0	0	0	\$0	0	0	\$0				
NA	0	0.00	\$0	0	0	\$0	0	0	\$0				
Annual Totals		533,840	\$10,804		115,438	\$1,616		418,402	\$9,188				

Group ID Total Cost	Percent of Total	Project Term	Interest Rate	Project Interest	Group ID Total Cost Interest	Net Reductions	Payback Years
\$121,787	1.58%	20	3.000%	\$57,439	\$179,226	\$9,188	19.51

PAYBACK YEARS MUST BE 20 YEARS OR LESS

Form E-2 by Group ID

ESCO Name: ConEdison Solutions

Group ID: Group E Facility Name: Howard Recreation ECM No: 2003 Energy Project Category: Building Automated Control Systems

Measure Description: BMS: Optimize setback ctrl of HW heat zones, maintain setback temp with heat pumps above 45 F. Install VFDs and CO2 control for (2) AHUs. Provide DDC temp, CO2 and damper control for EF in aud/gym.

ECM Cost: \$24,248 M/V Cost: \$364 Total Cost: \$24,612 Simple Payback (Yrs): 3.66

(1) Annual Energy Reductions				(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
kW	0		\$0	0		\$0	0		\$0	0	#Num!		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	274	0.00%	\$2,489	0.00%
NG Therms	7,155	715,500	\$6,733	0	0	\$0	7,155	715,500	\$6,733	21,299	33.59%	\$21,299	31.61%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		715,500	\$6,733		0	\$0		715,500	\$6,733				

Group ID: Group E Facility Name: Liberty House ECM No: 2303 Energy Project Category: Lighting Systems and Controls

Measure Description: Lighting: Upgrade T8, CFL and incandescent lighting with retrofit LED systems and install additional occupancy controls

ECM Cost: \$1,940 M/V Cost: \$29 Total Cost: \$1,969 Simple Payback (Yrs): 11.25

(1) Annual Energy Reductions				(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	1,329	4,536	\$140	0	0	\$0	1,329	4,536	\$140	4,184	31.76%	\$995	18.25%
kW	4		\$41	0		\$0	4		\$41	35	11.43%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	24	0.00%	\$267	0.00%
NG Therms	0	0	\$0	7	700	\$7	-7	-700	(\$7)	1,428	-0.49%	\$2,156	-0.31%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		4,536	\$182		700	\$7		3,836	\$175				

Form E2 by Group ID

ESCO Name: ConEdison Solutions

Group ID	Group E	Facility Name Liberty House	ECM No 2306	Energy Project Category Building Automated Control Systems
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Measure Description: BMS: ReCx; verify setback on (3) existing digital programmable stats & reprogram as necessary.

ECM Cost	\$691	M/V Cost	\$10	Total Cost	\$701	Simple Payback (Yrs)	4.97
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(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	4,184	0.00%	\$995	0.00%
kW	0		\$0	0		\$0	0		\$0	35	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	24	0.00%	\$267	0.00%
NG Therms	150	15,000	\$141	0	0	\$0	150	15,000	\$141	1,428	10.50%	\$2,156	6.55%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		15,000	\$141		0	\$0		15,000	\$141				

Group ID	Group E	Facility Name Pond Place	ECM No 2202	Energy Project Category Water Conservation
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Measure Description: Water Conservation: low-flow fixtures

ECM Cost	\$676	M/V Cost	\$10	Total Cost	\$686	Simple Payback (Yrs)	11.01
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(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
kW	0		\$0	0		\$0	0		\$0	0	#Num!		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	9		\$62	0		\$0	9		\$62	307	2.93%	\$2,040	3.05%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	4,224	0.00%	\$4,224	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		0	\$62		0	\$0		0	\$62				

Form E2 by Group ID

ESCO Name: **ConEdison Solutions**

Group ID	Group E	Facility Name	Pond Place	ECM No	2203	Energy Project Category	Building Automated Control Systems
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Measure Description: BMS: Optimize sequences of new DDC heating system controls: (5) zone temp controls, setpoint control and setback (to extent possible) to match occupancy. Optimize DDC control of new boiler and pumps, OAT reset, boiler lockout >= 65 OAT.

ECM Cost	\$3,392	M/V Cost	\$51	Total Cost	\$3,443	Simple Payback (Yrs)	7.92
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(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
kW	0		\$0	0		\$0	0		\$0	0	#Num!		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	307	0.00%	\$2,040	0.00%
NG Therms	462	46,200	\$435	0	0	\$0	462	46,200	\$435	4,224	10.94%	\$4,224	10.29%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		46,200	\$435		0	\$0		46,200	\$435				

Group ID	Group E	Facility Name	Twitchell Hall	ECM No	2104	Energy Project Category	Water Conservation
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Measure Description: Water Conservation; low-flow fixtures

ECM Cost	\$1,465	M/V Cost	\$22	Total Cost	\$1,487	Simple Payback (Yrs)	13.98
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(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
kW	0		\$0	0		\$0	0		\$0	0	#Num!		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	16		\$106	0		\$0	16		\$106	659	2.43%	\$4,452	2.39%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	27,670	0.00%	\$28,130	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		0	\$106		0	\$0		0	\$106				

Form E2 by Group ID

ES&CO Name: ConEdison Solutions

Group ID	Group E	Facility Name	Twitchell Hall			ECM No	2105	Energy Project Category	Building Envelope				
Measure Description	Bldg Envelope: Air seal all plumbing penetrations. Insulate and weatherstrip door to attic. Insulate and seal basement door to bulkhead. DAS to maintain storm sashes closed.												
ECM Cost	\$4,149	M/V Cost	\$62	Total Cost	\$4,211	Simple Payback (Yrs)				4.24			
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
kW	0		\$0	0		\$0	0		\$0	0	#Num!		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	659	0.00%	\$4,452	0.00%
NG Therms	1,056	105,600	\$994	0	0	\$0	1,056	105,600	\$994	27,670	3.82%	\$28,130	3.53%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		105,600	\$994		0	\$0		105,600	\$994				

Group ID	Group E	Facility Name	Twitchell Hall			ECM No	2106	Energy Project Category	Building Envelope				
Measure Description	Bldg Envelope: Insulate attic floor and skylight shaft.												
ECM Cost	\$16,325	M/V Cost	\$245	Total Cost	\$16,570	Simple Payback (Yrs)				6.19			
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
kW	0		\$0	0		\$0	0		\$0	0	#Num!		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	659	0.00%	\$4,452	0.00%
NG Therms	2,847	284,700	\$2,679	0	0	\$0	2,847	284,700	\$2,679	27,670	10.29%	\$28,130	9.52%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		284,700	\$2,679		0	\$0		284,700	\$2,679				

Form E2 by Group ID

ESCO Name: **ConEdison Solutions**

Group ID: **Group E** Facility Name: **Twitchell Hall** ECM No: **2107** Energy Project Category: **Heating, Ventilation, and Air Conditioning**

Measure Description: **HVAC: Install new hot water supply/return distribution. DAS installing (2) condensing HW boilers. Install new commercial grade fin-tube radiation in each room; include zone temp control. Install mechanical OA ventilation.**

ECM Cost: **\$314,055** M/W Cost: **\$4,711** Total Cost: **\$318,766** Simple Payback (Yrs): **19.29**

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
kW	0		\$0	0		\$0	0		\$0	0	#Num!		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	659	0.00%	\$4,452	0.00%
NG Therms	17,562	1,756,200	\$16,526	0	0	\$0	17,562	1,756,200	\$16,526	27,670	63.47%	\$28,130	58.75%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		1,756,200	\$16,526		0	\$0		1,756,200	\$16,526				

Group ID: **Group E** Facility Name: **Twitchell Hall** ECM No: **2150** Energy Project Category: **Additional Measures**

Measure Description: **DPW fee, Group E**

ECM Cost: **\$700** M/W Cost: **\$0** Total Cost: **\$700** Simple Payback (Yrs): **#Div/0!**

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
kW	0		\$0	0		\$0	0		\$0	0	#Num!		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	659	0.00%	\$4,452	0.00%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	27,670	0.00%	\$28,130	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		0	\$0		0	\$0		0	\$0				

FORM E2 - GROUP ID TOTALS **Group E**

ECM Cost	\$367,641	M/V Cost	\$5,504	Total Cost	\$373,145	Simple Payback (Yrs)	13.40
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Grand Total Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	1,329	4,536	\$140	0	0	\$0	1,329	4,536	\$140	7,785,773	0.02%	\$994,762	0.02%
kW	4		\$41	0		\$0	4		\$41	28,991	0.01%		
Water Ccf	0		\$0	0		\$0	0		\$0	4,307	0.00%	\$10,211	0.00%
W/S Ccf	25		\$169	0		\$0	25		\$169	11,810	0.21%	\$151,265	0.11%
NG Therm	29,232	2,923,200	\$27,507	7	700	\$7	29,225	2,922,500	\$27,501	828,797	3.53%	\$828,225	3.32%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	381	0.00%	\$98,186	0.00%
NA	0	0.00	\$0	0	0	\$0	0	0	\$0				
NA	0	0.00	\$0	0	0	\$0	0	0	\$0				
Annual Totals		2,927,736	\$27,858		700	\$7		2,927,036	\$27,851				

Group ID Total Cost	Percent of Total	Project Term	Interest Rate	Project Interest	Group ID Total Cost Interest	Net Reductions	Payback Years
\$373,145	4.83%	20	3.000%	\$175,988	\$549,133	\$27,851	19.72

PAYBACK YEARS MUST BE 20 YEARS OR LESS

Form E2 by Group ID

ESCO Name: **ConEdison Solutions**

Group ID: **Group F** Facility Name: **Johnson Hall** ECM No: **2403** Energy Project Category: **Lighting Systems and Controls**

Measure Description: **Lighting: Upgrade T8 lighting with retrofit LED systems and install additional occupancy controls**

ECM Cost: **\$37,791** M/V Cost: **\$567** Total Cost: **\$38,358** Simple Payback (Yrs): **10.88**

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	28,847	98,455	\$3,043	0	0	\$0	28,847	98,455	\$3,043	132,720	21.74%	\$17,903	21.97%
kW	86		\$890	0		\$0	86		\$890	449	19.15%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	192	0.00%	\$2,133	0.00%
NG Therms	0	0	\$0	433	43,300	\$407	-433	-43,300	(\$407)	15,352	-2.82%	\$15,352	-2.65%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		98,455	\$3,933		43,300	\$407		55,155	\$3,526				

Group ID: **Group F** Facility Name: **Johnson Hall** ECM No: **2404** Energy Project Category: **Building Automated Control Systems**

Measure Description: **Add zn temp sensors to improve ctrl of 2 existing steam vlvs. ReCx and repair radiator vlvs. Install schedule ctrls on RR exh fans. DAS to operate HPs in clg only; no existing heat source.**

ECM Cost: **\$20,461** M/V Cost: **\$307** Total Cost: **\$20,768** Simple Payback (Yrs): **28.64**

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	1,896	6,471	\$200	0	0	\$0	1,896	6,471	\$200	132,720	1.43%	\$17,903	1.12%
kW	0		\$0	0		\$0	0		\$0	449	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	192	0.00%	\$2,133	0.00%
NG Therms	558	55,800	\$525	0	0	\$0	558	55,800	\$525	15,352	3.63%	\$15,352	3.42%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		62,271	\$725		0	\$0		62,271	\$725				

Form E2 by Group ID

ESCO Name: ConEdison Solutions

Group ID	Group F	Facility Name	Johnson Hall	ECM No	2406	Energy Project Category	Water Conservation						
Measure Description	Water Conservation; low-flow fixtures												
ECM Cost	\$2,066	M/V Cost	\$31	Total Cost	\$2,097	Simple Payback (Yrs)	10.01						
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions		(4) 2015 Facility Level Baselines + ECM % Reduct					
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	739	2,522	\$78	0	0	\$0	739	2,522	\$78	132,720	0.56%	\$17,903	0.44%
kW	0		\$0	0		\$0	0		\$0	449	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	19		\$131	0		\$0	19		\$131	192	9.90%	\$2,133	6.16%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	15,352	0.00%	\$15,352	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		2,522	\$209		0	\$0		2,522	\$209				

Group ID	Group F	Facility Name	Johnson Hall	ECM No	2407	Energy Project Category	Heating, Ventilation, and Air Conditioning						
Measure Description	Steam trap survey and repairs. Upgrade pipe and valve/fitting insulation.												
ECM Cost	\$50,039	M/V Cost	\$751	Total Cost	\$50,790	Simple Payback (Yrs)	12.40						
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions		(4) 2015 Facility Level Baselines + ECM % Reduct					
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	132,720	0.00%	\$17,903	0.00%
kW	0		\$0	0		\$0	0		\$0	449	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	192	0.00%	\$2,133	0.00%
NG Therms	4,354	435,400	\$4,097	0	0	\$0	4,354	435,400	\$4,097	15,352	28.36%	\$15,352	26.69%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		435,400	\$4,097		0	\$0		435,400	\$4,097				

Form E2 by Group ID

ESCO Name: **ConEdison Solutions**

Group ID: **Group F** Facility Name: **Johnson Hall** ECM No: **2408** Energy Project Category: **Building Envelope**

Measure Description: **Bldg Envelope: Install door weatherstrips. Close all storm window sashes properly. Seal penetrations in attic. Seal and insulate (2) attic access hatches.**

ECM Cost: **\$3,319** M/V Cost: **\$50** Total Cost: **\$3,369** Simple Payback (Yrs): **20.64**

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	31	106	\$3	0	0	\$0	31	106	\$3	132,720	0.02%	\$17,903	0.02%
kW	0		\$0	0		\$0	0		\$0	449	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	192	0.00%	\$2,133	0.00%
NG Therms	170	17,000	\$160	0	0	\$0	170	17,000	\$160	15,352	1.11%	\$15,352	1.04%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		17,106	\$163		0	\$0		17,106	\$163				

Group ID: **Group F** Facility Name: **Johnson Hall** ECM No: **2450** Energy Project Category: **Additional Measures**

Measure Description: **DPW fee, Group F**

ECM Cost: **\$796** M/V Cost: **\$0** Total Cost: **\$796** Simple Payback (Yrs): **#Div/0!**

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	132,720	0.00%	\$17,903	0.00%
kW	0		\$0	0		\$0	0		\$0	449	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	192	0.00%	\$2,133	0.00%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	15,352	0.00%	\$15,352	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		0	\$0		0	\$0		0	\$0				

FORM E2 - GROUP ID TOTALS Group F

ECM Cost	\$114,472	M/V Cost	\$1,706	Total Cost	\$116,178	Simple Payback (Yrs)	13.32
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Grand Total Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	31,513	107,554	\$3,325	0	0	\$0	31,513	107,554	\$3,325	7,785,773	0.40%	\$994,762	0.42%
kW	86		\$890	0		\$0	86		\$890	28,991	0.30%		
Water Ccf	0		\$0	0		\$0	0		\$0	4,307	0.00%	\$10,211	0.00%
W/S Ccf	19		\$131	0		\$0	19		\$131	11,810	0.16%	\$151,265	0.09%
NG Therm	5,082	508,200	\$4,782	433	43,300	\$407	4,649	464,900	\$4,375	828,797	0.56%	\$828,225	0.53%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	381	0.00%	\$98,186	0.00%
NA	0	0.00	\$0	0	0	\$0	0	0	\$0				
NA	0	0.00	\$0	0	0	\$0	0	0	\$0				
Annual Totals		615,754	\$9,128		43,300	\$407		572,454	\$8,721				

Group ID Total Cost	Percent of Total	Project Term	Interest Rate	Project Interest	Group ID Total Cost Interest	Net Reductions	Payback Years
\$116,178	1.50%	20	3.000%	\$54,794	\$170,972	\$8,721	19.60

PAYBACK YEARS MUST BE 20 YEARS OR LESS

Form E2 by Group ID

ESCO Name: **ConEdison Solutions**

Group ID: **Group G** Facility Name: **Londergan Hall** ECM No: **2503** Energy Project Category: **Lighting Systems and Controls**

Measure Description: **Lighting: Upgrade T8 lighting with retrofit LED systems and install additional occupancy controls**

ECM Cost: **\$83,065** M/V Cost: **\$1,246** Total Cost: **\$84,311** Simple Payback (Yrs): **13.45**

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	49,877	170,230	\$5,262	0	0	\$0	49,877	170,230	\$5,262	209,580	23.80%	\$27,815	24.65%
kW	154		\$1,594	0		\$0	154		\$1,594	678	22.71%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	460	0.00%	\$4,905	0.00%
NG Therms	0	0	\$0	623	62,300	\$586	-623	-62,300	(\$586)	20,289	-3.07%	\$20,289	-2.89%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		170,230	\$6,856		62,300	\$586		107,930	\$6,270				

Group ID: **Group G** Facility Name: **Londergan Hall** ECM No: **2504** Energy Project Category: **Building Automated Control Systems**

Measure Description: **BMS: Install DDC fan schedule control for (2) central exhaust fans. ReCx radiator control valves and replace as necessary. Install steam radiator control valve and Tstat set to 50F in 4th floor storage room.**

ECM Cost: **\$14,811** M/V Cost: **\$222** Total Cost: **\$15,033** Simple Payback (Yrs): **11.72**

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	7,229	24,673	\$763	0	0	\$0	7,229	24,673	\$763	209,580	3.45%	\$27,815	2.74%
kW	0		\$0	0		\$0	0		\$0	678	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	460	0.00%	\$4,905	0.00%
NG Therms	553	55,300	\$520	0	0	\$0	553	55,300	\$520	20,289	2.73%	\$20,289	2.56%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		79,973	\$1,283		0	\$0		79,973	\$1,283				

Form E2 by Group ID

ESCO Name: ConEdison Solutions

Group ID	Group G	Facility Name	Londergan Hall			ECM No	2505	Energy Project Category	Water Conservation				
Measure Description	Water Conservation; low-flow fixtures												
ECM Cost	\$3,506	M/V Cost	\$53	Total Cost	\$3,559	Simple Payback (Yrs)				15.64			
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct.				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	833	2,843	\$88	0	0	\$0	833	2,843	\$88	209,580	0.40%	\$27,815	0.32%
kW	0		\$0	0		\$0	0		\$0	678	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	21		\$140	0		\$0	21		\$140	460	4.57%	\$4,905	2.85%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	20,289	0.00%	\$20,289	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		2,843	\$228		0	\$0		2,843	\$228				

Group ID	Group G	Facility Name	Londergan Hall			ECM No	2507	Energy Project Category	Building Envelope				
Measure Description	Bldg Envelope: Air seal penetrations in attic. Seal and insulate (1) attic access hatch. Seal laundry chute at each floor and at basement. Seal on half-round 4th flr window (storage area). Close all existing storm windows properly.												
ECM Cost	\$14,473	M/V Cost	\$217	Total Cost	\$14,690	Simple Payback (Yrs)				14.52			
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct.				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	270	922	\$28	0	0	\$0	270	922	\$28	209,580	0.13%	\$27,815	0.10%
kW	0		\$0	0		\$0	0		\$0	678	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	460	0.00%	\$4,905	0.00%
NG Therms	1,045	104,500	\$983	0	0	\$0	1,045	104,500	\$983	20,289	5.15%	\$20,289	4.85%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		105,422	\$1,012		0	\$0		105,422	\$1,012				

Form E2 by Group ID

ESCO Name: ConEdison Solutions

Group ID: Group G Facility Name: Londergan Hall ECM No: 2550 Energy Project Category: Additional Measures

Measure Description: DPW fee, Group G

EGM Cost: \$121 M/V Cost: \$0 Total Cost: \$121 Simple Payback (Yrs): #Div/0!

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	209,580	0.00%	\$27,815	0.00%
kW	0		\$0	0		\$0	0		\$0	678	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	460	0.00%	\$4,905	0.00%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	20,289	0.00%	\$20,289	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		0	\$0		0	\$0		0	\$0				

FORM E2 - GROUP ID TOTALS Group G

ECM Cost	\$115,976	M/V Cost	\$1,738	Total Cost	\$117,714	Simple Payback (Yrs)	13.39
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Grand Total Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	58,209	198,667	\$6,141	0	0	\$0	58,209	198,667	\$6,141	7,785,773	0.75%	\$994,762	0.78%
kW	154		\$1,594	0		\$0	154		\$1,594	28,991	0.53%		
Water Ccf	0		\$0	0		\$0	0		\$0	4,307	0.00%	\$10,211	0.00%
W/S Ccf	21		\$140	0		\$0	21		\$140	11,810	0.18%	\$151,265	0.09%
NG Therm	1,598	159,800	\$1,504	623	62,300	\$586	975	97,500	\$917	828,797	0.12%	\$828,225	0.11%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	381	0.00%	\$98,186	0.00%
NA	0	0.00	\$0	0	0	\$0	0	0	\$0				
NA	0	0.00	\$0	0	0	\$0	0	0	\$0				
Annual Totals		358,467	\$9,378		62,300	\$586		296,167	\$8,792				

Group ID Total Cost	Percent of Total	Project Term	Interest Rate	Project Interest	Group ID Total Cost - Interest	Net Reductions	Payback Years
\$117,714	1.52%	20	3.000%	\$55,518	\$173,232	\$8,792	19.70

PAYBACK YEARS MUST BE 20 YEARS OR LESS

Form E2 by Group ID

ESCO Name: **ConEdison Solutions**

Group ID	Group H	Facility Name	Revenue Administration - 64 Sou	ECM No	2603	Energy Project Category	Lighting Systems and Controls
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Measure Description Lighting: Upgrade T8 lighting with retrofit LED systems and install additional occupancy controls

ECM Cost	\$46,084	M/V Cost	\$691	Total Cost	\$46,775	Simple Payback (Yrs)	8.36
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	43,488	148,425	\$4,588	0	0	\$0	43,488	148,425	\$4,588	218,820	19.87%	\$30,202	21.05%
kW	171		\$1,770	0		\$0	171		\$1,770	820	20.85%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	271	0.00%	\$2,956	0.00%
NG Therms	0	0	\$0	811	81,100	\$763	-811	-81,100	(\$763)	17,306	-4.69%	\$17,306	-4.41%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		148,425	\$6,358		81,100	\$763		67,325	\$5,595				

Group ID	Group H	Facility Name	Revenue Administration - 64 Sou	ECM No	2604	Energy Project Category	Building Automated Control Systems
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Measure Description Eliminate simult htg and clg. Implement setback and scheduling. ReCx existing ctrls for 4 RTUs including replacement of local controller. Install VFDs on 4 RTUs. Provide neutral air temp in winter; radiators to be main source of heat.

ECM Cost	\$85,510	M/V Cost	\$1,283	Total Cost	\$86,793	Simple Payback (Yrs)	14.26
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	56,184	191,756	\$5,927	0	0	\$0	56,184	191,756	\$5,927	218,820	25.68%	\$30,202	19.63%
kW	0		\$0	0		\$0	0		\$0	820	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	271	0.00%	\$2,956	0.00%
NG Therms	168	16,800	\$158	0	0	\$0	168	16,800	\$158	17,306	0.97%	\$17,306	0.91%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		208,556	\$6,086		0	\$0		208,556	\$6,086				

Form E-2 by Group ID

ESCO Name: ConEdison Solutions

Group ID	Group H	Facility Name	Revenue Administration - 64 Sou	ECM No	2605	Energy Project Category	Building Envelope						
Measure Description	Bldg Envelope: Weatherstripping & door sweeps												
ECM Cost	\$2,302	M/W Cost	\$35	Total Cost	\$2,337	Simple Payback (Yrs)	30.36						
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	16	55	\$2	0	0	\$0	16	55	\$2	218,820	0.01%	\$30,202	0.01%
kW	0		\$0	0		\$0	0		\$0	820	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	271	0.00%	\$2,956	0.00%
NG Therms	80	8,000	\$75	0	0	\$0	80	8,000	\$75	17,306	0.46%	\$17,306	0.43%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		8,055	\$77		0	\$0		8,055	\$77				

Group ID	Group H	Facility Name	Revenue Administration - 64 Sou	ECM No	2606	Energy Project Category	Water Conservation						
Measure Description	Water Conservation; low-flow fixtures												
ECM Cost	\$1,156	M/W Cost	\$17	Total Cost	\$1,173	Simple Payback (Yrs)	3.44						
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	1,201	4,099	\$127	0	0	\$0	1,201	4,099	\$127	218,820	0.55%	\$30,202	0.42%
kW	0		\$0	0		\$0	0		\$0	820	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	31		\$215	0		\$0	31		\$215	271	11.44%	\$2,956	7.26%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	17,306	0.00%	\$17,306	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		4,099	\$341		0	\$0		4,099	\$341				

Form E2 by Group ID

ESCO Name: ConEdison Solutions

Group ID: Group H **Facility Name:** Revenue Administration - 64 Sou **ECM No:** 2607 **Energy Project Category:** Heating, Ventilation, and Air Conditioning

Measure Description: Steam trap survey and repairs

ECM Cost: \$60,512 **M/V Cost:** \$908 **Total Cost:** \$61,420 **Simple Payback (Yrs):** 20.95

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	218,820	0.00%	\$30,202	0.00%
kW	0		\$0	0		\$0	0		\$0	820	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	271	0.00%	\$2,956	0.00%
NG Therms	3,116	311,600	\$2,932	0	0	\$0	3,116	311,600	\$2,932	17,306	18.01%	\$17,306	16.94%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		311,600	\$2,932		0	\$0		311,600	\$2,932				

Group ID: Group H **Facility Name:** Revenue Administration - 64 Sou **ECM No:** 2650 **Energy Project Category:** Additional Measures

Measure Description: DPW fee, Group H

ECM Cost: \$2,230 **M/V Cost:** \$0 **Total Cost:** \$2,230 **Simple Payback (Yrs):** #Div/0!

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	218,820	0.00%	\$30,202	0.00%
kW	0		\$0	0		\$0	0		\$0	820	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	271	0.00%	\$2,956	0.00%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	17,306	0.00%	\$17,306	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		0	\$0		0	\$0		0	\$0				

FORM E2 - GROUP ID TOTALS Group H

ECM Cost	\$197,794	M/V Cost	\$2,934	Total Cost	\$200,728	Simple Payback (Yrs)	13.35
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Grand Total Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	100,889	344,334	\$10,644	0	0	\$0	100,889	344,334	\$10,644	7,785,773	1.30%	\$994,762	1.25%
kW	171		\$1,770	0		\$0	171		\$1,770	28,991	0.59%		
Water Ccf	0		\$0	0		\$0	0		\$0	4,307	0.00%	\$10,211	0.00%
W/S Ccf	31		\$215	0		\$0	31		\$215	11,810	0.26%	\$151,265	0.14%
NG Therm	3,364	336,400	\$3,166	811	81,100	\$763	2,553	255,300	\$2,402	828,797	0.31%	\$828,225	0.29%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	381	0.00%	\$98,186	0.00%
NA	0	0.00	\$0	0	0	\$0	0	0	\$0				
NA	0	0.00	\$0	0	0	\$0	0	0	\$0				
Annual Totals		680,734	\$15,794		81,100	\$763		599,634	\$15,031				

Group ID Total Cost	Percent of Total	Project Term	Interest Rate	Project Interest	Group ID Total Cost Interest	Net Reductions	Payback Years
\$200,728	2.60%	20	3.000%	\$94,670	\$295,398	\$15,031	19.65

PAYBACK YEARS MUST BE 20 YEARS OR LESS

Form E2 by Group ID

ESCO Name: ConEdison Solutions

Group ID	Group I	Facility Name	Spaulding Hall	ECM No	2703	Energy Project Category	Lighting Systems and Controls
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Measure Description: Lighting: Upgrade T8 lighting with retrofit LED systems and install additional occupancy controls

ECM Cost	\$65,520	M/V Cost	\$983	Total Cost	\$66,503	Simple Payback (Yrs)	10.15
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	51,641	176,251	\$5,448	0	0	\$0	51,641	176,251	\$5,448	276,720	18.66%	\$36,380	20.07%
kW	179		\$1,853	0		\$0	179		\$1,853	869	20.60%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	267	0.00%	\$2,461	0.00%
NG Therms	0	0	\$0	795	79,500	\$748	-795	-79,500	(\$748)	5,835	-13.62%	\$5,835	-12.82%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		176,251	\$7,301		79,500	\$748		96,751	\$6,553				

Group ID	Group I	Facility Name	Spaulding Hall	ECM No	2704	Energy Project Category	Building Automated Control Systems
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Measure Description: ReCx ht pump glycol loop ctrls. Replace (3) ht pump wall stats with network stats. Install VFDs for HW pumps. Repair and RCx OA preheat coil ctrl vlv for (3) ht pumps.

ECM Cost	\$44,537	M/V Cost	\$668	Total Cost	\$45,205	Simple Payback (Yrs)	32.22
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	13,299	45,389	\$1,403	0	0	\$0	13,299	45,389	\$1,403	276,720	4.81%	\$36,380	3.86%
kW	0		\$0	0		\$0	0		\$0	869	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	267	0.00%	\$2,461	0.00%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	5,835	0.00%	\$5,835	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		45,389	\$1,403		0	\$0		45,389	\$1,403				

Form E2 by Group ID

ESCO Name: **ConEdison Solutions**

Group ID	Group I	Facility Name	Spaulding Hall	ECM No	2705	Energy Project Category	Building Envelope						
Measure Description	Bldg Envelope: Seal wiring and plumbing penetrations. Install insulating covers over light fixtures open to attic. Rearrange existing dislodged / damaged existing batt insulation in attic. Close all storm window sashes properly.												
ECM Cost	\$32,891	M/V Cost	\$493	Total Cost	\$33,384	Simple Payback (Yrs)	10.98						
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	20,009	68,291	\$2,111	0	0	\$0	20,009	68,291	\$2,111	276,720	7.23%	\$36,380	5.80%
kW	0		\$0	0		\$0	0		\$0	869	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	267	0.00%	\$2,461	0.00%
NG Therms	989	98,900	\$931	0	0	\$0	989	98,900	\$931	5,835	16.95%	\$5,835	15.95%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		167,191	\$3,042		0	\$0		167,191	\$3,042				

Group ID	Group I	Facility Name	Spaulding Hall	ECM No	2706	Energy Project Category	Water Conservation						
Measure Description	Water Conservation; low-flow fixtures												
ECM Cost	\$1,277	M/V Cost	\$19	Total Cost	\$1,296	Simple Payback (Yrs)	24.67						
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	170	580	\$18	0	0	\$0	170	580	\$18	276,720	0.06%	\$36,380	0.05%
kW	0		\$0	0		\$0	0		\$0	869	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	5		\$35	0		\$0	5		\$35	267	1.87%	\$2,461	1.41%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	5,835	0.00%	\$5,835	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		580	\$53		0	\$0		580	\$53				

Form E2 by Group ID

ESCO Name: **ConEdison Solutions**

Group ID: **Group I** Facility Name: **Spaulding Hall** ECM No: **2750** Energy Project Category: **Additional Measures**

Measure Description: **DPW fee, Group I**

ECM Cost: **\$1,145** M/V Cost: **\$0** Total Cost: **\$1,145** Simple Payback (Yrs): #Div/0!

Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	276,720	0.00%	\$36,380	0.00%
kW	0		\$0	0		\$0	0		\$0	869	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	267	0.00%	\$2,461	0.00%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	5,835	0.00%	\$5,835	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		0	\$0		0	\$0		0	\$0				

FORM E2 - GROUP ID TOTALS Group I

ECM Cost	\$145,370	M/W Cost	\$2,163	Total Cost	\$147,533	Simple Payback (Yrs)	13.35
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Grand Total Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	85,119	290,511	\$8,980	0	0	\$0	85,119	290,511	\$8,980	7,785,773	1.09%	\$994,762	1.09%
kW	179		\$1,853	0		\$0	179		\$1,853	28,991	0.62%		
Water Ccf	0		\$0	0		\$0	0		\$0	4,307	0.00%	\$10,211	0.00%
W/S Ccf	5		\$35	0		\$0	5		\$35	11,810	0.04%	\$151,265	0.02%
NG Therm	989	98,900	\$931	795	79,500	\$748	194	19,400	\$183	828,797	0.02%	\$828,225	0.02%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	381	0.00%	\$98,186	0.00%
NA	0	0.00	\$0	0	0	\$0	0	0	\$0				
NA	0	0.00	\$0	0	0	\$0	0	0	\$0				
Annual Totals		389,411	\$11,798		79,500	\$748		309,911	\$11,050				

Group ID Total Cost	Percent of Total	Project Term	Interest Rate	Project Interest	Group ID Total Cost Interest	Net Reductions	Payback Years
\$147,533	1.91%	20	3.000%	\$69,582	\$217,115	\$11,050	19.65

PAYBACK YEARS MUST BE 20 YEARS OR LESS

Form E2 by Group ID

ESCO Name: **ConEdison Solutions**

Group ID	Group J	Facility Name	Storrs Street Warehouse	ECM No	2803	Energy Project Category	Lighting Systems and Controls
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Measure Description Lighting: Retrofit T8 & T12 lighting with LED; Install additional lighting occupancy sensors

ECM Cost	\$55,234	M/V Cost	\$829	Total Cost	\$56,063	Simple Payback (Yrs)	9.34
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	43,284	147,728	\$4,566	0	0	\$0	43,284	147,728	\$4,566	357,600	12.10%	\$47,020	13.45%
kW	170		\$1,760	0		\$0	170		\$1,760	1,131	15.03%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	101	0.00%	\$1,345	0.00%
NG Therms	0	0	\$0	341	34,100	\$321	-341	-34,100	(\$321)	12,133	-2.81%	\$12,442	-2.58%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		147,728	\$6,326		34,100	\$321		113,628	\$6,005				

Group ID	Group J	Facility Name	Storrs Street Warehouse	ECM No	2804	Energy Project Category	Water Conservation
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Measure Description Water Conservation; low-flow fixtures

ECM Cost	\$967	M/V Cost	\$15	Total Cost	\$982	Simple Payback (Yrs)	12.64
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	277	945	\$29	0	0	\$0	277	945	\$29	357,600	0.08%	\$47,020	0.06%
kW	0		\$0	0		\$0	0		\$0	1,131	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	7		\$48	0		\$0	7		\$48	101	6.93%	\$1,345	3.60%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	12,133	0.00%	\$12,442	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		945	\$78		0	\$0		945	\$78				

Group ID	Group J	Facility Name	Storrs Street Warehouse	ECM No	2805	Energy Project Category	Building Automated Control Systems						
Measure Description	BMS: Interface with prop. equipment (UH & elec. heaters). Maintain 24/7 setback in food storage and handling areas. Occ. areas: avoid overheating and limited unocc. setback. Replace local stats with network stats; RCx existing DDC controls.												
ECM Cost	\$43,409	M/V Cost	\$651	Total Cost	\$44,060	Simple Payback (Yrs)	28.85						
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	239	816	\$25	0	0	\$0	239	816	\$25	357,600	0.07%	\$47,020	0.05%
kW	0		\$0	0		\$0	0		\$0	1,131	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	101	0.00%	\$1,345	0.00%
NG Therms	1,596	159,600	\$1,502	0	0	\$0	1,596	159,600	\$1,502	12,133	13.15%	\$12,442	12.07%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		160,416	\$1,527		0	\$0		160,416	\$1,527				

Group ID	Group J	Facility Name	Storrs Street Warehouse	ECM No	2850	Energy Project Category	Additional Measures						
Measure Description	DPW fee, Group J												
ECM Cost	\$636	M/V Cost	\$0	Total Cost	\$636	Simple Payback (Yrs)	#Div/0!						
(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Facility Level Baselines + ECM % Reduct				
Category	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	0	0	\$0	0	0	\$0	0	0	\$0	357,600	0.00%	\$47,020	0.00%
kW	0		\$0	0		\$0	0		\$0	1,131	0.00%		
Water Ccf	0		\$0	0		\$0	0		\$0	0	#Num!	\$0	#Num!
W/S Ccf	0		\$0	0		\$0	0		\$0	101	0.00%	\$1,345	0.00%
NG Therms	0	0	\$0	0	0	\$0	0	0	\$0	12,133	0.00%	\$12,442	0.00%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	0	#Num!	\$0	#Num!
NA	0	0	\$0	0	0	\$0	0	0	\$0				
NA	0	0	\$0	0	0	\$0	0	0	\$0				
Annual Totals		0	\$0		0	\$0		0	\$0				

FORM E2 - GROUP ID TOTALS Group J

ECM Cost	\$100,246	M/V Cost	\$1,495	Total Cost	\$101,741	Simple Payback (Yrs)	13.37
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Category	(1) Annual Energy Reductions			(2) Annual Energy Additions			(3) Net Reductions			(4) 2015 Grand Total Baselines + ECM % Reduct			
	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	kBtus	\$\$	Units	% Reduct	\$\$	% Reduct
kWh	43,800	149,489	\$4,621	0	0	\$0	43,800	149,489	\$4,621	7,785,773	0.56%	\$994,762	0.64%
kW	170		\$1,760	0		\$0	170		\$1,760	28,991	0.59%		
Water Ccf	0		\$0	0		\$0	0		\$0	4,307	0.00%	\$10,211	0.00%
W/S Ccf	7		\$48	0		\$0	7		\$48	11,810	0.06%	\$151,265	0.03%
NG Therm	1,596	159,600	\$1,502	341	34,100	\$321	1,255	125,500	\$1,181	828,797	0.15%	\$828,225	0.14%
Pellets Tons	0	0	\$0	0	0	\$0	0	0	\$0	381	0.00%	\$98,186	0.00%
NA	0	0.00	\$0	0	0	\$0	0	0	\$0				
NA	0	0.00	\$0	0	0	\$0	0	0	\$0				
Annual Totals		309,089	\$7,931		34,100	\$321		274,989	\$7,610				

Group ID Total Cost	Percent of Total	Project Term	Interest Rate	Project Interest	Group ID Total Cost Interest	Net Reductions	Payback Years
\$101,741	1.32%	20	3.000%	\$47,985	\$149,726	\$7,610	19.68

PAYBACK YEARS MUST BE 20 YEARS OR LESS

FORM E2 - GRAND TOTAL COST, INTEREST, AND PAYBACK YEARS

PAYBACK YEARS MUST BE 20 YEARS OR LESS

Simple Payback in Years	Grand Total Cost	Percent of Total	Project Term	Interest Rate	Project Interest	Grand Total Cost, Interest	Net Reductions	Payback Years
13.38	\$7,727,755	100.00%	20	3.000%	\$3,644,680	\$11,372,435	\$577,425	19.70

Annual Net Reduction kBtus	30,563,400
Grand Total Baseline kBtus	115,739,043
kBtu Percent Reduction	26.41%

CONSOLIDATED EDISON SOLUTIONS, INC.

SECRETARY'S CERTIFICATE

I, Paul F. Mapelli, do hereby certify that I am the Secretary of Consolidated Edison Solutions, Inc. ("Company"), and that I am authorized to provide this certificate.

I further certify that the undersigned officer has been at all times since a date prior to the date of this certificate duly elected or appointed to the office set forth opposite his name, that the signature of such officer shown below is his true and correct signature, and that he is authorized to execute energy services contracts in amounts not to exceed \$15,000,000 in the name of and on behalf of the Company, including, but not limited to, the Guaranteed Energy Performance Contract between the Company and the State of New Hampshire Department of Administrative Services.

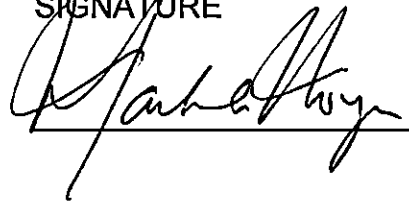
NAME

TITLE

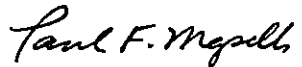
SIGNATURE

Mark Noyes

President and Chief
Executive Officer



IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed the seal of the Company this 10th day of May, 2018.



Paul F. Mapelli
Secretary

State of New Hampshire

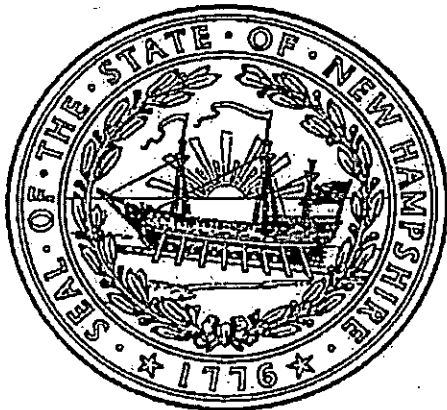
Department of State

CERTIFICATE

I, William M. Gardner, Secretary of State of the State of New Hampshire, do hereby certify that CON EDISON CLEAN ENERGY BUSINESSES, INC. is a New York Profit Corporation registered to transact business in New Hampshire on October 17, 2017. I further certify that all fees and documents required by the Secretary of State's office have been received and is in good standing as far as this office is concerned.

Business ID: 780840

Certificate Number : 0004095664



IN TESTIMONY WHEREOF,

I hereto set my hand and cause to be affixed
the Seal of the State of New Hampshire,
this 10th day of May A.D. 2018.

A handwritten signature in black ink, appearing to read "William M. Gardner".

William M. Gardner
Secretary of State

Business Information

Business Details

Business Name:	CONSOLIDATED EDISON SOLUTIONS, INC.	Business ID:	428014
Business Type:	Foreign Profit Corporation	Business Status:	Good Standing
Business Creation Date:	02/06/2003	Name in State of Incorporation:	CONSOLIDATED EDISON SOLUTIONS, INC.
Date of Formation in Jurisdiction:	02/06/2003		
Principal Office Address:	100 Summit Lake Drive, Valhalla, NY, 10595, USA	Mailing Address:	100 Summit Lake Drive, Valhalla, NY, 10595, USA
Citizenship / State of Incorporation:	Foreign/New York		
		Last Annual Report Year:	2018
		Next Report Year:	2019
Duration:	Perpetual		
Business Email:	NONE	Phone #:	NONE
Notification Email:	NONE	Fiscal Year End Date:	NONE

Principal Purpose

S.No	NAICS Code	NAICS Subcode
1	OTHER / TO PROVIDE WHOLESALE AND RETAIL ENERGY AND RELATED SERVICES	

Page 1 of 1, records 1 to 1 of 1

Registered Agent Information

Name:	CORPORATION SERVICE COMPANY
Registered Office Address:	10 Ferry Street S313, Concord, NH, 03301, USA
Registered Mailing Address:	10 Ferry Street S313, Concord, NH, 03301, USA

AGENCY CUSTOMER ID: 104247

LOC #: New York



ADDITIONAL REMARKS SCHEDULE

Page 2 of 2

AGENCY Marsh USA, Inc.		NAMED INSURED Consolidated Edison Solutions, Inc. 100 Summit Lake Drive Suite 210 Valhalla, NY 10595	
POLICY NUMBER		EFFECTIVE DATE:	
CARRIER	NAIC CODE		

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: 25 FORM TITLE: Certificate of Liability Insurance

Deductible
\$10,000: Per Occurrence, except:
\$25,000: Flood,
\$25,000: Earthquake, except 5% of values exposed subject to a minimum deductible of \$100,000 for Earthquake in California,
5% of values exposed subject to a minimum deductible of \$25,000: For Wind in Florida and all Tier 1 Counties in Alabama, Georgia, Louisiana, Mississippi, North Carolina, South Carolina, and Texas,
\$ 1,000: Tools of the Insured.