

New Jersey's Clean Energy Program

LGEA Presentation

Matawan-Aberdeen Regional School District

October 26, 2020

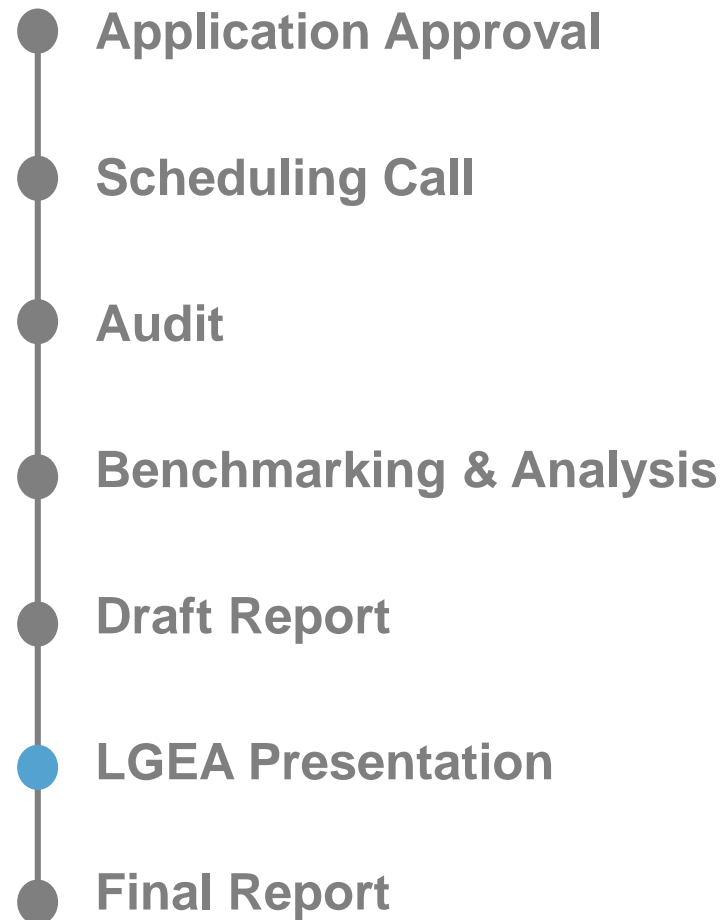
INTRODUCTIONS

- *Matawan-Aberdeen RSD*
 - Adam Nasr – Director of Facilities
 - Joseph Czimcharo – Maintenance Supervisor
 - Alex Ferreira – Business Administrator
- *NJ Clean Energy Program*
 - Aimee Lalonde – TRC Program Manager
 - Aditya Saxena – TRC Auditor
 - Sarah Walters/Amanda Muench – TRC Account Manager
 - Tony O'Donnell – TRC Outreach Manager
 - Michelle Rossi – ESIP Coordinator (BPU)

AGENDA

- The audit process overview
- Energy use & existing conditions
- Review of **E**nergy **C**onservation **M**easures (ECMs) identified
- Questions regarding the draft audit report
- Overview of NJCEP equipment incentives
- Next steps for Matawan-Aberdeen RSD

LGEA PROCESS



SITE VISIT & UTILITY ANALYSIS

Overview of Systems, Baseline & Existing Conditions:

- Lighting System
- HVAC and Mechanical Systems
- Plug Load Equipment
- Energy Management System

Utility Consumption:

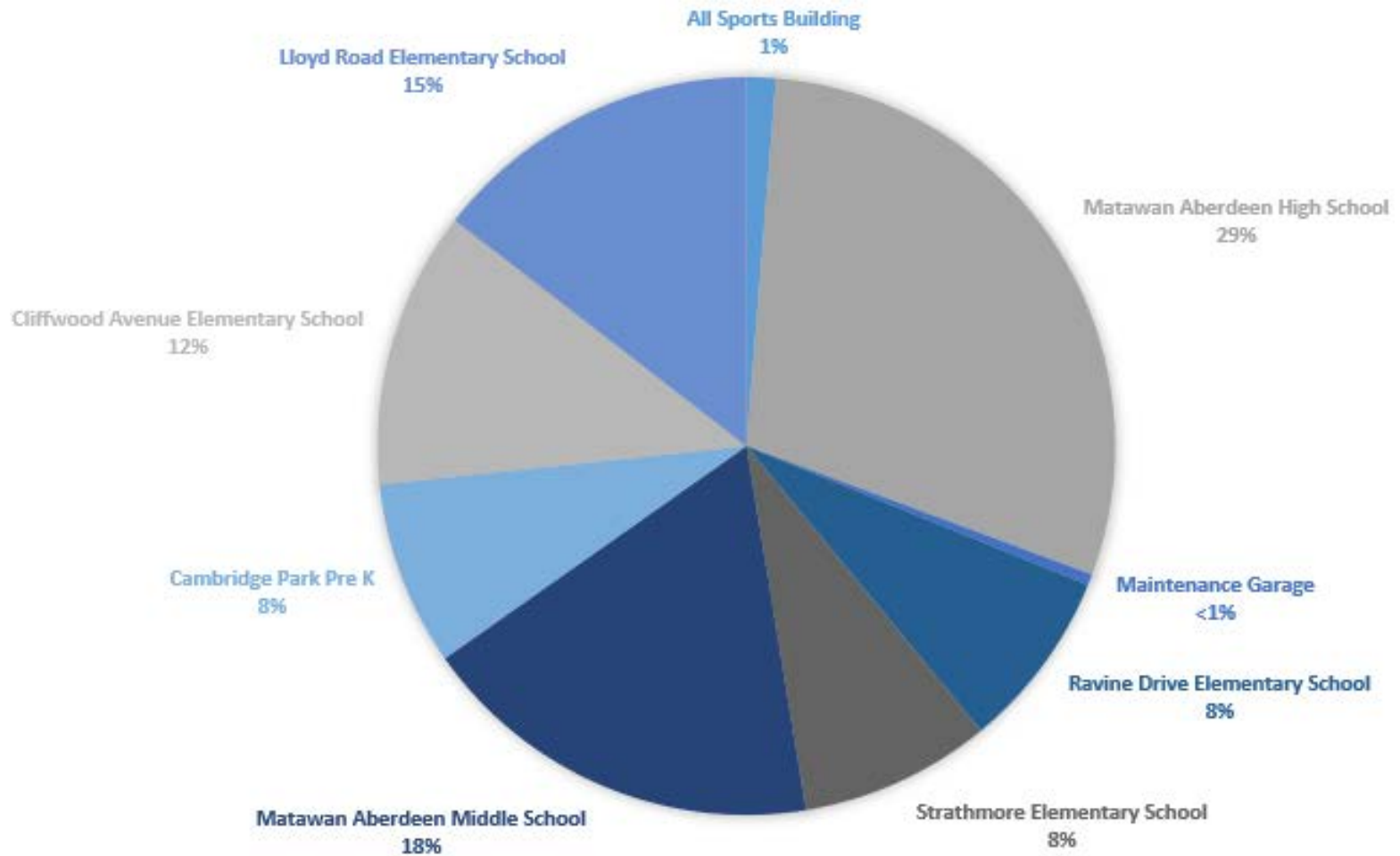
- Electric Consumption and Costs
- Natural Gas Consumption and Costs

Sites Visited/Analyzed

- Cambridge Park Pre-K & Admin Building
- Cliffwood Avenue Elementary School
- Lloyd Road Elementary School
- Matawan-Aberdeen Middle School
- Matawan Regional High School
- Ravine Drive Elementary School
- Strathmore Elementary School
- All Sports Building
- Maintenance Garage

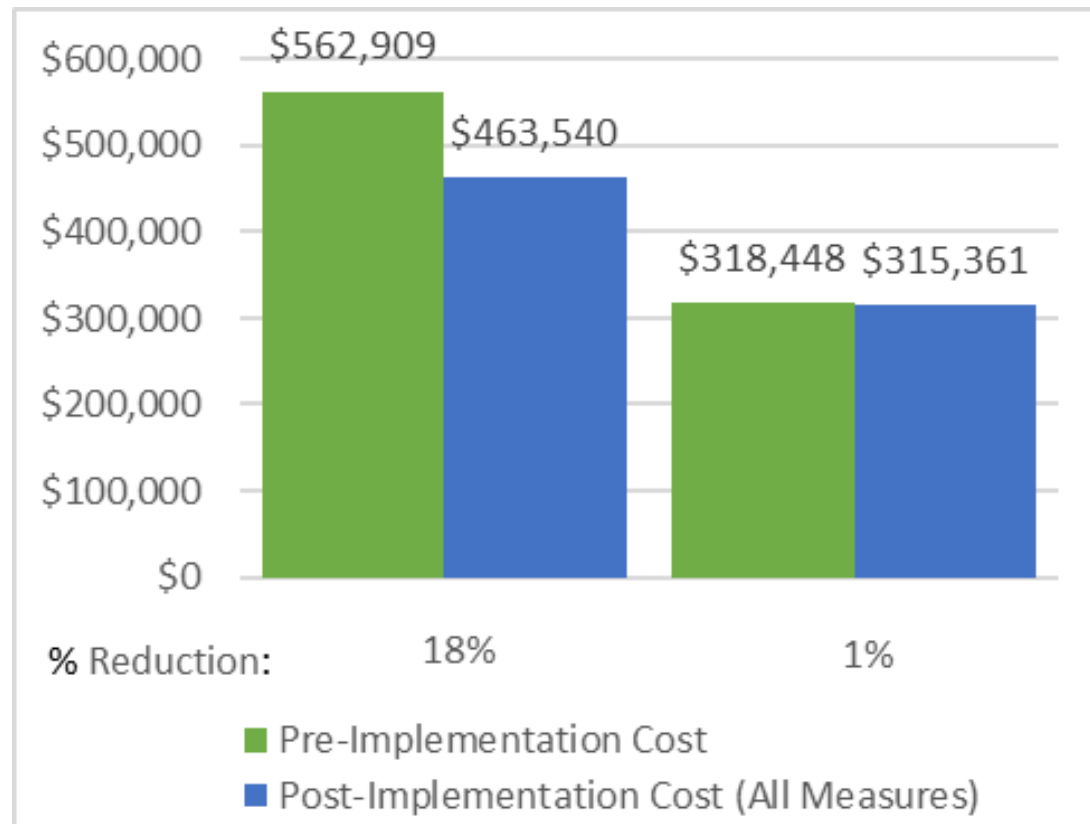
UTILITY BREAKOUT

Percent of Total Annual Energy Costs




UTILITY BREAKOUT

Pre & Post Implementation Cost



BENCHMARKING



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energystar.gov

ENERGY STAR® Statement of Energy Performance

63

ENERGY STAR® Score¹

Matawan Aberdeen Middle School

Primary Property Type: K-12 School
Gross Floor Area (ft²): 136,000
Built: 1970

For Year Ending: December 31, 2019
Date Generated: May 14, 2020

1. The ENERGY STAR score is a 1-100 assessment of a building's energy efficiency as compared with similar buildings nationwide, adjusting for climate and business activity.

Property & Contact Information		
Property Address	Property Owner	Primary Contact
Matawan Aberdeen Middle School 489 Matawan Avenue Cliffwood, New Jersey 07721	Matawan-Aberdeen Regional School District One Crest Way Aberdeen, NJ 07747 (732) 705-4018	Adam Nasr One Crest Way Aberdeen, NJ 07747 (732) 705-4013 anasr@marsd.k12.nj.us
Property ID: 3760902		

Energy Consumption and Energy Use Intensity (EUI)		
Site EUI	Annual Energy by Fuel	National Median Comparison
55.4 kBtu/ft²	Natural Gas (kBtu) 4,426,267 (59%) Electric - Grid (kBtu) 3,109,940 (41%)	National Median Site EUI (kBtu/ft²) 63.7 National Median Source EUI (kBtu/ft²) 112.8 % Diff from National Median Source EUI -13%
Source EUI		Annual Emissions
98.2 kBtu/ft²		Greenhouse Gas Emissions (Metric Tons CO2e/year) 550

Site EUI
55.4 kBtu/ft²

Source EUI
98.2 kBtu/ft²

National Median Comparison

National Median Site EUI (kBtu/ft²)	63.7
National Median Source EUI (kBtu/ft²)	112.8
% Diff from National Median Source EUI	-13%

Signature & Stamp of Verifying Professional

I _____ (Name) verify that the above information is true and correct to the best of my knowledge.

LP Signature: _____ Date: _____

Licensed Professional

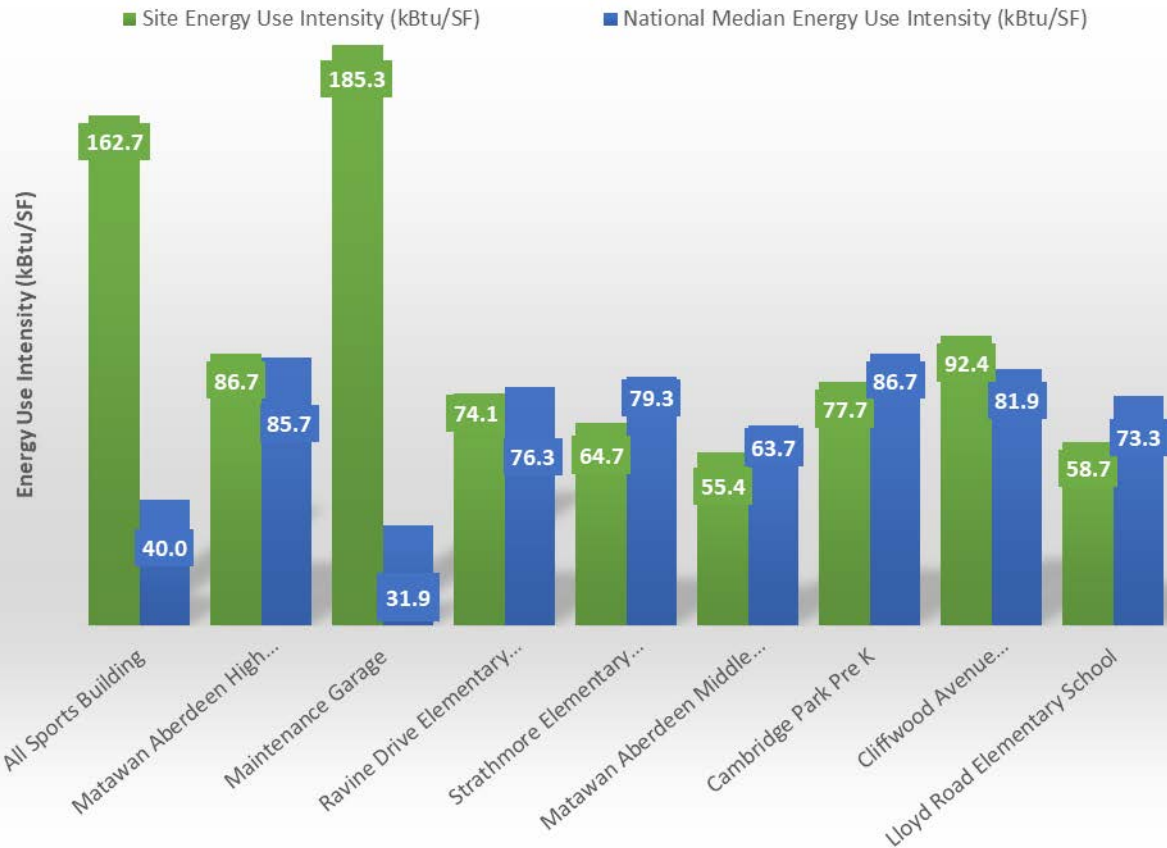
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Professional Engineer or Registered
Architect Stamp
(if applicable)

ENERGY STAR® scores are percentile ranking from 1 (least efficient) to 100 (most efficient). It compares your building's energy performance to similar buildings nationwide.

BENCHMARKING

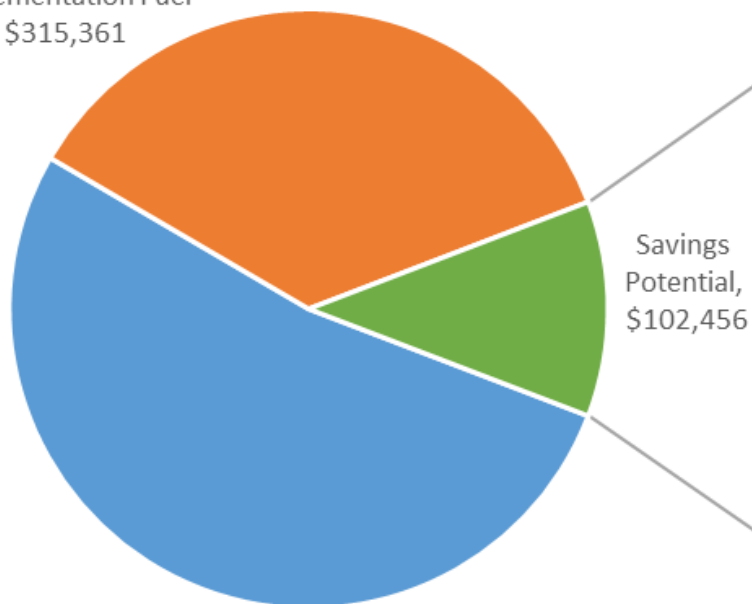


Site Name	ENERGY STAR [®] Score
All Sports Building	N/A
Matawan Regional High School	48
Maintenance Garage	N/A
Ravine Dr Elementary School	53
Strathmore Elementary School	70
Matawan-Aberdeen Middle School	63
Cambridge Park Pre-K	58
Cliffwood Ave Elementary School	37
Lloyd Rd Elementary School	71

ALL OPPORTUNITIES

Savings Potential

Post-Implementation Fuel
Cost, \$315,361



- Lighting Upgrades
- Lighting Control Measures
- Variable Frequency Drive (VFD) Measures
- Electric Unitary HVAC Measures
- Gas Heating (HVAC/Process) Replacement
- HVAC System Improvements
- Domestic Water Heating Upgrade
- Food Service & Refrigeration Measures



ALL OPPORTUNITIES

#	Energy Conservation Measure	Annual Electric Savings (kWh)	Peak Demand Savings (kW)	Annual Fuel Savings (MMBtu)	Annual Energy Cost Savings (\$)	Estimated Install Cost (\$)	Estimated Incentive (\$) *	Estimated Net Cost (\$)	Simple Payback Period (yrs)**	CO ₂ e Emissions Reduction (lbs)
Lighting Upgrades		524,013	146.1	-105.4	\$61,868	\$208,514	\$104,058	\$104,456	1.7	515,338
ECM 1	Install LED Fixtures	16,688	0.0	0.0	\$2,018	\$7,302	\$1,000	\$6,302	3.1	16,804
ECM 2	Retrofit Fluorescent Fixtures with LED Lamps and Drivers	496	0.3	-0.1	\$56	\$336	\$72	\$264	4.7	491
ECM 3	Retrofit Fixtures with LED Lamps	506,830	145.8	-105.3	\$59,794	\$200,877	\$102,986	\$97,891	1.6	498,043
Lighting Control Measures		105,645	23.0	-22.0	\$12,460	\$107,472	\$38,195	\$69,277	5.6	103,806
ECM 4	Install Occupancy Sensor Lighting Controls	75,998	17.5	-15.8	\$8,984	\$74,622	\$16,350	\$58,272	6.5	74,677
ECM 5	Install High/Low Lighting Controls	29,647	5.5	-6.2	\$3,476	\$32,850	\$21,845	\$11,005	3.2	29,129
Variable Frequency Drive (VFD) Measures		94,635	26.5	20.9	\$11,657	\$109,677	\$26,250	\$83,427	7.2	97,739
ECM 6	Install VFDs on Constant Volume (CV) Fans	80,325	24.5	0.0	\$9,696	\$88,727	\$22,150	\$66,577	6.9	80,887
ECM 7	Install VFDs on Heating Water Pumps	9,129	1.1	0.0	\$1,125	\$8,152	\$3,600	\$4,552	4.0	9,193
ECM 8	Install Boiler Draft Fan VFDs	2,882	0.9	0.0	\$355	\$7,091	\$300	\$6,791	19.1	2,902
ECM 9	Install VFDs on Kitchen Hood Fan Motors	2,299	0.0	20.9	\$482	\$5,706	\$200	\$5,506	11.4	4,756
Electric Unitary HVAC Measures		38,775	38.5	0.0	\$4,639	\$476,777	\$34,578	\$442,199	95.3	39,046
ECM 10	Install High Efficiency Air Conditioning Units	38,775	38.5	0.0	\$4,639	\$476,777	\$34,578	\$442,199	95.3	39,046

ALL OPPORTUNITIES

#	Energy Conservation Measure	Annual Electric Savings (kWh)	Peak Demand Savings (kW)	Annual Fuel Savings (MMBtu)	Annual Energy Cost Savings (\$)	Estimated Install Cost (\$)	Estimated Incentive (\$)*	Estimated Net Cost (\$)	Simple Payback Period (yrs)**	CO ₂ e Emissions Reduction (lbs)
Gas Heating (HVAC/Process) Replacement		0	0.0	59.7	\$629	\$39,718	\$4,800	\$34,918	55.5	6,994
ECM 11	Install High Efficiency Furnaces	0	0.0	59.7	\$629	\$39,718	\$4,800	\$34,918	55.5	6,994
HVAC System Improvements		15,112	0.0	243.3	\$4,430	\$51,906	\$172	\$51,734	11.7	43,706
ECM 12	Implement Demand Control Ventilation (DCV)	15,112	0.0	224.4	\$4,223	\$51,658	\$0	\$51,658	12.2	41,497
ECM 13	Install Pipe Insulation	0	0.0	18.9	\$207	\$248	\$172	\$76	0.4	2,210
Domestic Water Heating Upgrade		695	0.0	90.0	\$1,045	\$12,193	\$2,022	\$10,171	9.7	11,234
ECM 14	Install High Efficiency Gas-Fired Water Heater	0	0.0	56.3	\$602	\$11,275	\$1,366	\$9,909	16.5	6,596
ECM 15	Install Low-Flow DHW Devices	695	0.0	33.6	\$443	\$918	\$656	\$262	0.6	4,638
Food Service & Refrigeration Measures		48,228	5.1	0.0	\$5,729	\$32,242	\$2,400	\$29,842	5.2	48,566
ECM 16	Refrigerator/Freezer Case Electrically Commutated Motors	3,794	0.4	0.0	\$445	\$3,033	\$800	\$2,233	5.0	3,821
ECM 17	Refrigeration Display Case Doors or Covers	2,264	0.3	0.0	\$275	\$1,003	\$300	\$703	2.6	2,279
ECM 18	Refrigeration Controls	4,186	0.1	0.0	\$483	\$6,696	\$600	\$6,096	12.6	4,215
ECM 19	Replace Refrigeration Equipment	26,077	3.0	0.0	\$3,091	\$19,210	\$0	\$19,210	6.2	26,260
ECM 20	Vending Machine Control	11,907	1.4	0.0	\$1,435	\$2,300	\$700	\$1,600	1.1	11,991
TOTALS		827,104	239.3	286.5	\$102,456	\$1,038,499	\$212,475	\$826,025	8.1	866,429

* - All incentives presented in this table are based on NJ Smart Start Building equipment incentives and assume proposed equipment meets minimum performance criteria for that program.

** - Simple Payback Period is based on net measure costs (i.e. after incentives).

COST EFFECTIVE OPPORTUNITIES

Savings Potential

Post-Implementation Fuel
Cost, \$318,288

Post-Implementation Electric
Cost, \$471,747

Savings
Potential,
\$91,322

- Lighting Upgrades
- Lighting Control Measures
- Variable Frequency Drive (VFD) Measures
- HVAC System Improvements
- Domestic Water Heating Upgrade
- Food Service & Refrigeration Measures

COST EFFECTIVE OPPORTUNITIES

#	Energy Conservation Measure	Annual Electric Savings (kWh)	Peak Demand Savings (kW)	Annual Fuel Savings (MMBtu)	Annual Energy Cost Savings (\$)	Estimated Install Cost (\$)	Estimated Incentive (\$)*	Estimated Net Cost (\$)	Simple Payback Period (yrs)**	CO ₂ e Emissions Reduction (lbs)
Lighting Upgrades		524,013	146.1	-105.4	\$61,868	\$208,514	\$104,058	\$104,456	1.7	515,338
ECM 1	Install LED Fixtures	16,688	0.0	0.0	\$2,018	\$7,302	\$1,000	\$6,302	3.1	16,804
ECM 2	Retrofit Fluorescent Fixtures with LED Lamps and Drivers	496	0.3	-0.1	\$56	\$336	\$72	\$264	4.7	491
ECM 3	Retrofit Fixtures with LED Lamps	506,830	145.8	-105.3	\$59,794	\$200,877	\$102,986	\$97,891	1.6	498,043
Lighting Control Measures		105,417	22.9	-22.0	\$12,433	\$106,591	\$38,175	\$68,416	5.5	103,577
ECM 4	Install Occupancy Sensor Lighting Controls	75,814	17.3	-15.8	\$8,962	\$73,966	\$16,330	\$57,636	6.4	74,492
ECM 5	Install High/Low Lighting Controls	29,603	5.5	-6.2	\$3,471	\$32,625	\$21,845	\$10,780	3.1	29,085
Variable Frequency Drive (VFD) Measures		88,871	25.0	20.9	\$10,961	\$93,870	\$25,600	\$68,270	6.2	91,934
ECM 6	Install VFDs on Constant Volume (CV) Fans	78,689	24.0	0.0	\$9,499	\$82,707	\$21,850	\$60,857	6.4	79,239
ECM 7	Install VFDs on Heating Water Pumps	9,129	1.1	0.0	\$1,125	\$8,152	\$3,600	\$4,552	4.0	9,193
ECM 9	Install VFDs on Kitchen Hood Fan Motors	1,053	0.0	20.9	\$338	\$3,010	\$150	\$2,860	8.5	3,502
HVAC System Improvements		3,538	0.0	87.8	\$1,330	\$8,405	\$172	\$8,233	6.2	13,839
ECM 12	Implement Demand Control Ventilation (DCV)	3,538	0.0	68.9	\$1,123	\$8,157	\$0	\$8,157	7.3	11,629
ECM 13	Install Pipe Insulation	0	0.0	18.9	\$207	\$248	\$172	\$76	0.4	2,210
Domestic Water Heating Upgrade		695	0.0	33.6	\$443	\$918	\$656	\$262	0.6	4,638
ECM 15	Install Low-Flow DHW Devices	695	0.0	33.6	\$443	\$918	\$656	\$262	0.6	4,638
Food Service & Refrigeration Measures		35,723	4.0	0.0	\$4,285	\$16,586	\$1,800	\$14,786	3.5	35,972
ECM 16	Refrigerator/Freezer Case Electrically Commutated Motors	3,794	0.4	0.0	\$445	\$3,033	\$800	\$2,233	5.0	3,821
ECM 17	Refrigeration Display Case Doors or Covers	2,264	0.3	0.0	\$275	\$1,003	\$300	\$703	2.6	2,279
ECM 19	Replace Refrigeration Equipment	17,757	2.0	0.0	\$2,130	\$10,250	\$0	\$10,250	4.8	17,881
ECM 20	Vending Machine Control	11,907	1.4	0.0	\$1,435	\$2,300	\$700	\$1,600	1.1	11,991
TOTALS		758,257	198.1	14.9	\$91,322	\$434,883	\$170,461	\$264,423	2.9	765,299

* - All incentives presented in this table are based on NJ Smart Start Building equipment incentives and assume proposed equipment meets minimum performance criteria for that program.

** - Simple Payback Period is based on net measure costs (i.e. after incentives).

CAMBRIDGE PARK PRE-K ADMINISTRATION BUILDING



#	Energy Conservation Measure	Cost Effective?	Annual Electric Savings (kWh)	Peak Demand Savings (kW)	Annual Fuel Savings (MMBtu)	Annual Energy Cost Savings (\$)	Estimated Install Cost (\$)	Estimated Incentive (\$)*	Estimated Net Cost (\$)	Simple Payback Period (yrs)**	CO ₂ e Emissions Reduction (lbs)
Lighting Upgrades			63,072	13.9	-13	\$7,444	\$20,903	\$11,198	\$9,705	1.3	61,969
ECM 1	Retrofit Fixtures with LED Lamps	Yes	63,072	13.9	-13	\$7,444	\$20,903	\$11,198	\$9,705	1.3	61,969
Lighting Control Measures			13,012	2.4	-3	\$1,536	\$12,005	\$4,475	\$7,530	4.9	12,785
ECM 2	Install Occupancy Sensor Lighting Controls	Yes	11,447	2.2	-2	\$1,351	\$9,530	\$2,370	\$7,160	5.3	11,246
ECM 3	Install High/Low Lighting Controls	Yes	1,566	0.3	0	\$185	\$2,475	\$2,105	\$370	2.0	1,538
Variable Frequency Drive (VFD) Measures			1,636	0.6	0	\$197	\$6,020	\$300	\$5,720	29.1	1,647
ECM 4	Install VFDs on Constant Volume (CV) Fans	No	1,636	0.6	0	\$197	\$6,020	\$300	\$5,720	29.1	1,647
Electric Unitary HVAC Measures			18,058	16.4	0	\$2,172	\$67,330	\$8,280	\$59,050	27.2	18,184
ECM 5	Install High Efficiency Air Conditioning Units	No	18,058	16.4	0	\$2,172	\$67,330	\$8,280	\$59,050	27.2	18,184
Food Service & Refrigeration Measures			1,954	0.2	0	\$235	\$460	\$100	\$360	1.5	1,968
ECM 6	Vending Machine Control	Yes	1,954	0.2	0	\$235	\$460	\$100	\$360	1.5	1,968
TOTALS (COST EFFECTIVE MEASURES)			78,039	16.6	-16	\$9,215	\$33,368	\$15,773	\$17,595	1.9	76,722
TOTALS (ALL MEASURES)			97,733	33.6	-16	\$11,584	\$106,718	\$24,353	\$82,365	7.1	96,554

* - All incentives presented in this table are based on NJ SmartStart equipment incentives and assume proposed equipment meets minimum performance criteria for that program.

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CLIFFWOOD AVE ELEMENTARY SCHOOL

#	Energy Conservation Measure	Cost Effective?	Annual Electric Savings (kWh)	Peak Demand Savings (kW)	Annual Fuel Savings (MMBtu)	Annual Energy Cost Savings (\$)	Estimated Install Cost (\$)	Estimated Incentive (\$)*	Estimated Net Cost (\$)	Simple Payback Period (yrs)**	CO ₂ e Emissions Reduction (lbs)
Lighting Upgrades			82,148	17.4	-17	\$9,933	\$19,468	\$9,196	\$10,272	1.0	80,711
ECM 1	Retrofit Fixtures with LED Lamps	Yes	82,148	17.4	-17	\$9,933	\$19,468	\$9,196	\$10,272	1.0	80,711
Lighting Control Measures			25,964	5.5	-5	\$3,139	\$21,353	\$3,830	\$17,523	5.6	25,510
ECM 2	Install Occupancy Sensor Lighting Controls	Yes	21,421	4.5	-4	\$2,590	\$16,628	\$3,620	\$13,008	5.0	21,047
ECM 3	Install High/Low Lighting Controls	Yes	4,543	0.9	-1	\$549	\$4,725	\$210	\$4,515	8.2	4,463
Variable Frequency Drive (VFD) Measures			25,997	5.8	0	\$3,203	\$33,246	\$6,600	\$26,646	8.3	26,178
ECM 4	Install VFDs on Constant Volume (CV) Fans	Yes	13,985	3.8	0	\$1,723	\$18,002	\$2,700	\$15,302	8.9	14,083
ECM 5	Install VFDs on Heating Water Pumps	Yes	9,129	1.1	0	\$1,125	\$8,152	\$3,600	\$4,552	4.0	9,193
ECM 6	Install Boiler Draft Fan VFDs	No	2,882	0.9	0	\$355	\$7,091	\$300	\$6,791	19.1	2,902
Gas Heating (HVAC/Process) Replacement			0	0.0	17	\$185	\$6,231	\$800	\$5,431	29.3	1,990
ECM 7	Install High Efficiency Furnaces	No	0	0.0	17	\$185	\$6,231	\$800	\$5,431	29.3	1,990
HVAC System Improvements			369	0.0	7	\$118	\$2,719	\$0	\$2,719	23.0	1,153
ECM 8	Implement Demand Control Ventilation (DCV)	No	369	0.0	7	\$118	\$2,719	\$0	\$2,719	23.0	1,153
Domestic Water Heating Upgrade			245	0.0	1	\$39	\$86	\$48	\$38	1.0	345
ECM 9	Install Low-Flow DHW Devices	Yes	245	0.0	1	\$39	\$86	\$48	\$38	1.0	345
Food Service & Refrigeration Measures			1,612	0.2	0	\$199	\$230	\$100	\$130	0.7	1,623
ECM 10	Vending Machine Control	Yes	1,612	0.2	0	\$199	\$230	\$100	\$130	0.7	1,623
TOTALS (COST EFFECTIVE MEASURES)			133,083	27.9	-22	\$16,158	\$67,292	\$19,474	\$47,818	3.0	131,465
TOTALS (ALL MEASURES)			136,334	28.9	2	\$16,816	\$83,333	\$20,574	\$62,759	3.7	137,510

* - All incentives presented in this table are based on NJ SmartStart equipment incentives and assume proposed equipment meets minimum performance criteria for that program.

** - Simple Payback Period is based on net measure costs (i.e. after incentives).

LLOYD ROAD ELEMENTARY SCHOOL

#	Energy Conservation Measure	Cost Effective?	Annual Electric Savings (kWh)	Peak Demand Savings (kW)	Annual Fuel Savings (MMBtu)	Annual Energy Cost Savings (\$)	Estimated Install Cost (\$)	Estimated Incentive (\$)*	Estimated Net Cost (\$)	Simple Payback Period (yrs)**	CO ₂ e Emissions Reduction (lbs)
Lighting Upgrades			95,122	21.0	-18	\$11,540	\$35,303	\$17,278	\$18,025	1.6	93,644
ECM 1	Install LED Fixtures	Yes	7,021	0.0	0	\$867	\$4,653	\$1,000	\$3,653	4.2	7,070
ECM 2	Retrofit Fixtures with LED Lamps	Yes	88,101	21.0	-18	\$10,674	\$30,650	\$16,278	\$14,372	1.3	86,574
Lighting Control Measures			7,761	1.4	-2	\$940	\$12,088	\$2,270	\$9,818	10.4	7,625
ECM 3	Install Occupancy Sensor Lighting Controls	Yes	5,670	1.0	-1	\$687	\$7,138	\$1,640	\$5,498	8.0	5,571
ECM 4	Install High/Low Lighting Controls	Yes	2,091	0.4	0	\$253	\$4,950	\$630	\$4,320	17.1	2,054
Variable Frequency Drive (VFD) Measures			11,514	3.0	0	\$1,421	\$8,622	\$2,400	\$6,222	4.4	11,594
ECM 5	Install VFDs on Constant Volume (CV) Fans	Yes	11,514	3.0	0	\$1,421	\$8,622	\$2,400	\$6,222	4.4	11,594
HVAC System Improvements			2,458	0.0	67	\$1,041	\$13,594	\$0	\$13,594	13.1	10,342
ECM 6	Implement Demand Control Ventilation (DCV)	No	2,458	0.0	67	\$1,041	\$13,594	\$0	\$13,594	13.1	10,342
Domestic Water Heating Upgrade			0	0.0	9	\$98	\$237	\$224	\$13	0.1	1,046
ECM 7	Install Low-Flow DHW Devices	Yes	0	0.0	9	\$98	\$237	\$224	\$13	0.1	1,046
Food Service & Refrigeration Measures			2,432	0.2	0	\$300	\$837	\$260	\$577	1.9	2,449
ECM 8	Refrigerator/Freezer Case Electrically Commutated Motors	Yes	820	0.1	0	\$101	\$607	\$160	\$447	4.4	826
ECM 9	Vending Machine Control	Yes	1,612	0.2	0	\$199	\$230	\$100	\$130	0.7	1,623
TOTALS (COST EFFECTIVE MEASURES)			116,829	25.7	-11	\$14,300	\$57,086	\$22,432	\$34,655	2.4	116,359
TOTALS (ALL MEASURES)			119,287	25.7	56	\$15,341	\$70,681	\$22,432	\$48,249	3.1	126,701

* - All incentives presented in this table are based on NJ SmartStart equipment incentives and assume proposed equipment meets minimum performance criteria for that program.

** - Simple Payback Period is based on net measure costs (i.e. after incentives).

MATAWAN-ABERDEEN MIDDLE SCHOOL

#	Energy Conservation Measure	Cost Effective?	Annual Electric Savings (kWh)	Peak Demand Savings (kW)	Annual Fuel Savings (MMBtu)	Annual Energy Cost Savings (\$)	Estimated Install Cost (\$)	Estimated Incentive (\$) *	Estimated Net Cost (\$)	Simple Payback Period (yrs) **	CO ₂ e Emissions Reduction (lbs)
Lighting Upgrades			66,855	21.6	-12	\$7,999	\$36,999	\$17,874	\$19,125	2.4	65,862
ECM 1	Install LED Fixtures	Yes	5,788	0.0	0	\$704	\$1,700	\$0	\$1,700	2.4	5,829
ECM 2	Retrofit Fixtures with LED Lamps	Yes	61,067	21.6	-12	\$7,295	\$35,299	\$17,874	\$17,425	2.4	60,033
Lighting Control Measures			19,147	4.5	-4	\$2,286	\$18,667	\$10,745	\$7,922	3.5	18,812
ECM 3	Install Occupancy Sensor Lighting Controls	Yes	10,713	2.8	-2	\$1,279	\$10,342	\$2,420	\$7,922	6.2	10,526
ECM 4	Install High/Low Lighting Controls	Yes	8,434	1.8	-2	\$1,007	\$8,325	\$8,325	\$0	0.0	8,286
Variable Frequency Drive (VFD) Measures			12,674	3.6	0	\$1,542	\$15,536	\$1,600	\$13,936	9.0	12,763
ECM 5	Install VFDs on Constant Volume (CV) Fans	Yes	12,674	3.6	0	\$1,542	\$15,536	\$1,600	\$13,936	9.0	12,763
Electric Unitary HVAC Measures			11,015	12.2	0	\$1,340	\$302,845	\$15,522	\$287,323	214.5	11,092
ECM 6	Install High Efficiency Air Conditioning Units	No	11,015	12.2	0	\$1,340	\$302,845	\$15,522	\$287,323	214.5	11,092
HVAC System Improvements			3,287	0.0	49	\$919	\$10,875	\$0	\$10,875	11.8	9,044
ECM 7	Implement Demand Control Ventilation (DCV)	No	3,287	0.0	49	\$919	\$10,875	\$0	\$10,875	11.8	9,044
Domestic Water Heating Upgrade			0	0.0	57	\$603	\$7,236	\$1,056	\$6,180	10.2	6,655
ECM 8	Install High Efficiency Gas-Fired Water Heater	No	0	0.0	41	\$434	\$6,935	\$840	\$6,095	14.0	4,792
ECM 9	Install Low-Flow DHW Devices	Yes	0	0.0	16	\$169	\$301	\$216	\$86	0.5	1,863
Food Service & Refrigeration Measures			7,366	0.8	0	\$896	\$3,513	\$400	\$3,113	3.5	7,418
ECM 10	Refrigeration Display Case Doors or Covers	Yes	2,264	0.3	0	\$275	\$1,003	\$300	\$703	2.6	2,279
ECM 11	Replace Refrigeration Equipment	Yes	3,551	0.4	0	\$432	\$2,050	\$0	\$2,050	4.7	3,576
ECM 12	Vending Machine Control	Yes	1,551	0.2	0	\$189	\$460	\$100	\$360	1.9	1,562
TOTALS (COST EFFECTIVE MEASURES)			106,043	30.6	-1	\$12,892	\$75,016	\$30,835	\$44,182	3.4	106,717
TOTALS (ALL MEASURES)			120,344	42.9	89	\$15,585	\$395,672	\$47,197	\$348,476	22.4	131,645

* - All incentives presented in this table are based on NJ SmartStart equipment incentives and assume proposed equipment meets minimum performance criteria for that program.

** - Simple Payback Period is based on net measure costs (i.e. after incentives).

MATAWAN REGIONAL HIGH SCHOOL

#	Energy Conservation Measure	Cost Effective?	Annual Electric Savings (kWh)	Peak Demand Savings (kW)	Annual Fuel Savings (MMBtu)	Annual Energy Cost Savings (\$)	Estimated Install Cost (\$)	Estimated Incentive (\$)*	Estimated Net Cost (\$)	Simple Payback Period (yrs)**	CO ₂ e Emissions Reduction (lbs)
Lighting Upgrades			137,449	44.7	-28	\$15,579	\$54,784	\$27,108	\$27,676	1.8	135,145
ECM 1	Install LED Fixtures	Yes	3,878	0.0	0	\$448	\$949	\$0	\$949	2.1	3,906
ECM 2	Retrofit Fluorescent Fixtures with LED Lamps and Drivers	Yes	348	0.2	0	\$39	\$267	\$52	\$215	5.4	342
ECM 3	Retrofit Fixtures with LED Lamps	Yes	133,222	44.4	-28	\$15,092	\$53,568	\$27,056	\$26,512	1.8	130,897
Lighting Control Measures			27,889	6.2	-6	\$3,159	\$30,345	\$12,970	\$17,375	5.5	27,402
ECM 4	Install Occupancy Sensor Lighting Controls	Yes	16,691	4.4	-3	\$1,891	\$20,220	\$3,970	\$16,250	8.6	16,399
ECM 5	Install High/Low Lighting Controls	Yes	11,198	1.8	-2	\$1,269	\$10,125	\$9,000	\$1,125	0.9	11,002
Variable Frequency Drive (VFD) Measures			16,305	5.1	21	\$2,099	\$19,123	\$5,950	\$13,173	6.3	18,861
ECM 6	Install VFDs on Constant Volume (CV) Fans	Yes	15,252	5.1	0	\$1,761	\$16,113	\$5,800	\$10,313	5.9	15,358
ECM 7	Install VFDs on Kitchen Hood Fan Motors	Yes	1,053	0.0	21	\$338	\$3,010	\$150	\$2,860	8.5	3,502
Electric Unitary HVAC Measures			8,020	8.6	0	\$926	\$94,964	\$9,316	\$85,648	92.5	8,076
ECM 8	Install High Efficiency Air Conditioning Units	No	8,020	8.6	0	\$926	\$94,964	\$9,316	\$85,648	92.5	8,076
Gas Heating (HVAC/Process) Replacement			0	0.0	43	\$444	\$33,488	\$4,000	\$29,488	66.5	5,004
ECM 9	Install High Efficiency Furnaces	No	0	0.0	43	\$444	\$33,488	\$4,000	\$29,488	66.5	5,004
HVAC System Improvements			3,538	0.0	69	\$1,123	\$8,157	\$0	\$8,157	7.3	11,629
ECM 10	Implement Demand Control Ventilation (DCV)	Yes	3,538	0.0	69	\$1,123	\$8,157	\$0	\$8,157	7.3	11,629
Domestic Water Heating Upgrade			0	0.0	5	\$51	\$129	\$72	\$57	1.1	572
ECM 11	Install Low-Flow DHW Devices	Yes	0	0.0	5	\$51	\$129	\$72	\$57	1.1	572
Food Service & Refrigeration Measures			17,434	1.6	0	\$2,013	\$18,542	\$1,340	\$17,202	8.5	17,556
ECM 12	Refrigerator/Freezer Case Electrically Commutated Motors	Yes	2,974	0.3	0	\$343	\$2,426	\$640	\$1,786	5.2	2,995
ECM 13	Refrigeration Controls	No	4,186	0.1	0	\$483	\$6,696	\$600	\$6,096	12.6	4,215
ECM 14	Replace Refrigeration Equipment	No	8,320	0.9	0	\$961	\$8,960	\$0	\$8,960	9.3	8,378
ECM 15	Vending Machine Control	Yes	1,954	0.2	0	\$226	\$460	\$100	\$360	1.6	1,968
TOTALS (COST EFFECTIVE MEASURES)			190,110	56.6	61	\$22,581	\$115,424	\$46,840	\$68,584	3.0	198,571
TOTALS (ALL MEASURES)			210,635	66.2	104	\$25,394	\$259,532	\$60,756	\$198,776	7.8	224,244

RAVINE DRIVE ELEMENTARY SCHOOL

#	Energy Conservation Measure	Cost Effective?	Annual Electric Savings (kWh)	Peak Demand Savings (kW)	Annual Fuel Savings (MMBtu)	Annual Energy Cost Savings (\$)	Estimated Install Cost (\$)	Estimated Incentive (\$)*	Estimated Net Cost (\$)	Simple Payback Period (yrs)**	CO ₂ e Emissions Reduction (lbs)
Lighting Upgrades			35,842	11.5	-7	\$4,204	\$16,769	\$8,868	\$7,901	1.9	35,215
ECM 1	Retrofit Fixtures with LED Lamps	Yes	35,842	11.5	-7	\$4,204	\$16,769	\$8,868	\$7,901	1.9	35,215
Lighting Control Measures			6,966	1.5	-1	\$817	\$6,385	\$2,555	\$3,830	4.7	6,844
ECM 2	Install Occupancy Sensor Lighting Controls	Yes	5,194	1.2	-1	\$609	\$4,360	\$980	\$3,380	5.5	5,103
ECM 3	Install High/Low Lighting Controls	Yes	1,772	0.3	0	\$208	\$2,025	\$1,575	\$450	2.2	1,741
Variable Frequency Drive (VFD) Measures			5,407	1.9	0	\$647	\$7,467	\$1,950	\$5,517	8.5	5,444
ECM 4	Install VFDs on Constant Volume (CV) Fans	Yes	5,407	1.9	0	\$647	\$7,467	\$1,950	\$5,517	8.5	5,444
Electric Unitary HVAC Measures			1,682	1.3	0	\$201	\$11,638	\$1,460	\$10,178	50.6	1,694
ECM 5	Install High Efficiency Air Conditioning Units	No	1,682	1.3	0	\$201	\$11,638	\$1,460	\$10,178	50.6	1,694
HVAC System Improvements			1,336	0.0	16	\$345	\$8,208	\$36	\$8,172	23.7	3,254
ECM 6	Implement Demand Control Ventilation (DCV)	No	1,336	0.0	12	\$300	\$8,157	\$0	\$8,157	27.2	2,792
ECM 7	Install Pipe Insulation	Yes	0	0.0	4	\$45	\$52	\$36	\$16	0.4	463
Domestic Water Heating Upgrade			0	0.0	3	\$28	\$122	\$68	\$54	1.9	294
ECM 8	Install Low-Flow DHW Devices	Yes	0	0.0	3	\$28	\$122	\$68	\$54	1.9	294
Food Service & Refrigeration Measures			5,163	0.6	0	\$618	\$2,280	\$100	\$2,180	3.5	5,199
ECM 9	Replace Refrigeration Equipment	Yes	3,551	0.4	0	\$425	\$2,050	\$0	\$2,050	4.8	3,576
ECM 10	Vending Machine Control	Yes	1,612	0.2	0	\$193	\$230	\$100	\$130	0.7	1,623
TOTALS (COST EFFECTIVE MEASURES)			53,377	15.5	-2	\$6,359	\$33,075	\$13,577	\$19,498	3.1	53,459
TOTALS (ALL MEASURES)			56,396	16.8	10	\$6,861	\$52,869	\$15,037	\$37,832	5.5	57,945

* - All incentives presented in this table are based on NJ SmartStart equipment incentives and assume proposed equipment meets minimum performance criteria for that program.

** - Simple Payback Period is based on net measure costs (i.e. after incentives).

STRATHMORE ELEMENTARY SCHOOL

#	Energy Conservation Measure	Cost Effective?	Annual Electric Savings (kWh)	Peak Demand Savings (kW)	Annual Fuel Savings (MMBtu)	Annual Energy Cost Savings (\$)	Estimated Install Cost (\$)	Estimated Incentive (\$)*	Estimated Net Cost (\$)	Simple Payback Period (yrs)**	CO ₂ e Emissions Reduction (lbs)
Lighting Upgrades			42,362	15.4	-9	\$5,035	\$22,871	\$12,146	\$10,725	2.1	41,621
ECM 1	Retrofit Fixtures with LED Lamps	Yes	42,362	15.4	-9	\$5,035	\$22,871	\$12,146	\$10,725	2.1	41,621
Lighting Control Measures			4,572	1.2	-1	\$543	\$5,703	\$1,260	\$4,443	8.2	4,492
ECM 2	Install Occupancy Sensor Lighting Controls	Yes	4,527	1.2	-1	\$538	\$5,478	\$1,260	\$4,218	7.8	4,448
ECM 3	Install High/Low Lighting Controls	No	45	0.0	0	\$5	\$225	\$0	\$225	42.4	44
Variable Frequency Drive (VFD) Measures			19,857	6.5	0	\$2,405	\$16,967	\$7,400	\$9,567	4.0	19,996
ECM 4	Install VFDs on Constant Volume (CV) Fans	Yes	19,857	6.5	0	\$2,405	\$16,967	\$7,400	\$9,567	4.0	19,996
ECM 5	Implement Demand Control Ventilation (DCV)	No	4,124	0.0	20	\$721	\$8,157	\$0	\$8,157	11.3	6,536
ECM 6	Install Pipe Insulation	Yes	0	0.0	15	\$162	\$196	\$136	\$60	0.4	1,747
Domestic Water Heating Upgrade			0	0.0	16	\$174	\$4,354	\$540	\$3,814	22.0	1,870
ECM 7	Install High Efficiency Gas-Fired Water Heater	No	0	0.0	15	\$168	\$4,340	\$526	\$3,814	22.8	1,804
ECM 8	Install Low-Flow DHW Devices	Yes	0	0.0	1	\$6	\$14	\$14	\$0	0.0	65
Food Service & Refrigeration Measures			9,240	1.1	0	\$1,119	\$4,480	\$100	\$4,380	3.9	9,305
ECM 9	Replace Refrigeration Equipment	Yes	7,629	0.9	0	\$924	\$4,250	\$0	\$4,250	4.6	7,682
ECM 10	Vending Machine Control	Yes	1,612	0.2	0	\$195	\$230	\$100	\$130	0.7	1,623
TOTALS (COST EFFECTIVE MEASURES)			75,987	24.1	6	\$9,266	\$50,007	\$21,056	\$28,950	3.1	77,183
TOTALS (ALL MEASURES)			80,155	24.2	41	\$10,160	\$62,728	\$21,582	\$41,146	4.0	85,567

* - All incentives presented in this table are based on NJ SmartStart equipment incentives and assume proposed equipment meets minimum performance criteria for that program.

** - Simple Payback Period is based on net measure costs (i.e. after incentives).

ALL SPORTS BUILDING

#	Energy Conservation Measure	Cost Effective?	Annual Electric Savings (kWh)	Peak Demand Savings (kW)	Annual Fuel Savings (MMBtu)	Annual Energy Cost Savings (\$)	Estimated Install Cost (\$)	Estimated Incentive (\$)*	Estimated Net Cost (\$)	Simple Payback Period (yrs)**	CO ₂ e Emissions Reduction (lbs)
Lighting Upgrades			654	0.5	0	\$75	\$986	\$270	\$716	9.5	658
ECM 1	Retrofit Fixtures with LED Lamps	Yes	654	0.5	0	\$75	\$986	\$270	\$716	9.5	658
Lighting Control Measures			184	0.1	0	\$21	\$656	\$20	\$636	30.0	185
ECM 2	Install Occupancy Sensor Lighting Controls	No	184	0.1	0	\$21	\$656	\$20	\$636	30.0	185
Variable Frequency Drive (VFD) Measures			1,246	0.0	0	\$144	\$2,696	\$50	\$2,646	18.4	1,254
ECM 3	Install VFDs on Kitchen Hood Fan Motors	No	1,246	0.0	0	\$144	\$2,696	\$50	\$2,646	18.4	1,254
Domestic Water Heating Upgrade			450	0.0	0	\$52	\$29	\$14	\$15	0.3	453
ECM 4	Install Low-Flow DHW Devices	Yes	450	0.0	0	\$52	\$29	\$14	\$15	0.3	453
Food Service & Refrigeration Measures			3,026	0.3	0	\$349	\$1,900	\$0	\$1,900	5.4	3,047
ECM 5	Replace Refrigeration Equipment	Yes	3,026	0.3	0	\$349	\$1,900	\$0	\$1,900	5.4	3,047
TOTALS (COST EFFECTIVE MEASURES)			4,129	0.9	0	\$476	\$2,915	\$284	\$2,631	5.5	4,158
TOTALS (ALL MEASURES)			5,559	1.0	0	\$641	\$6,266	\$354	\$5,912	9.2	5,597

* - All incentives presented in this table are based on NJ SmartStart equipment incentives and assume proposed equipment meets minimum performance criteria for that program.

** - Simple Payback Period is based on net measure costs (i.e. after incentives).

MAINTENANCE GARAGE

#	Energy Conservation Measure	Cost Effective?	Annual Electric Savings (kWh)	Peak Demand Savings (kW)	Annual Fuel Savings (MMBtu)	Annual Energy Cost Savings (\$)	Estimated Install Cost (\$)	Estimated Incentive (\$)*	Estimated Net Cost (\$)	Simple Payback Period (yrs)**	CO ₂ e Emissions Reduction (lbs)
Lighting Upgrades			510	0.1	0	\$58	\$431	\$120	\$311	5.4	514
ECM 1	Retrofit Fluorescent Fixtures with LED Lamps and Drivers	Yes	148	0.0	0	\$17	\$69	\$20	\$49	2.9	149
ECM 2	Retrofit Fixtures with LED Lamps	Yes	363	0.1	0	\$41	\$362	\$100	\$262	6.4	365
Lighting Control Measures			150	0.0	0	\$17	\$270	\$70	\$200	11.8	151
ECM 3	Install Occupancy Sensor Lighting Controls	Yes	150	0.0	0	\$17	\$270	\$70	\$200	11.8	151
TOTALS (COST EFFECTIVE MEASURES)			660	0.2	0	\$75	\$701	\$190	\$511	6.9	665
TOTALS (ALL MEASURES)			660	0.2	0	\$75	\$701	\$190	\$511	6.9	665

* - All incentives presented in this table are based on NJ SmartStart equipment incentives and assume proposed equipment meets minimum performance criteria for that program.

** - Simple Payback Period is based on net measure costs (i.e. after incentives).

ENERGY EFFICIENT BEST PRACTICES

- Reduce Air Leakage
- Close Doors and Windows
- Develop a Lighting Maintenance Schedule
- Ensure Lighting Controls Are Operating Properly
- Use Fans to Reduce Cooling Load
- Use Window Treatments/Coverings
- Clean and/or Replace HVAC filters
- Check and Seal Duct Leakage
- Perform Proper Boiler Maintenance
- Perform Proper Water Heater Maintenance
- Plug Load Controls
- Water Conservation

See individual reports for specific EE practices by building

MEASURES FOR FUTURE CONSIDERATION

- Retro-Commissioning Study
- Expansion of Energy Management System
- Upgrade to a Heat Pump System

SOLAR ENERGY GENERATION POTENTIAL

	Cambridge	Cliffwood	Lloyd	MS	HS	Ravine	Strathmore
<i>Potential:</i>	Medium	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH
<i>System Potential: (kW)</i>	120	165	240	240	326	89	90
<i>Electric Generation: (kWh per year)</i>	90,293	196,576	289,929	285,929	388,387	106,032	107,224
<i>Displaced Cost: (per year)</i>	\$10,860	\$24,220	\$35,290	\$34,780	\$44,840	\$12,690	\$12,990

Transition Incentive (TI) Program:

<https://www.njcleanenergy.com/renewable-energy/programs/transition-incentive-program>

Community Solar Energy Pilot Program:

<http://www.NJCleanEnergy.com/CommunitySolar>

CLEAN ENERGY PROGRAM PORTFOLIO

ELIGIBLE SECTORS

Commercial, Industrial, Government, Non-Profit, Institutional and Multifamily

INCENTIVE PROGRAMS

Equipment Rebates:

- **SmartStart**
- **Customer Tailored Energy Efficiency Pilot (CTEEP)**
- **Direct Install**
- Large Energy Users

Whole Buildings:

- **Pay for Performance**

Energy Generation:

- Combined Heat and Power – Fuel Cells

OTHER PROGRAMS

Renewable Energy Generation:

- **Transition Incentive (TI) Program**
- **Community Solar**

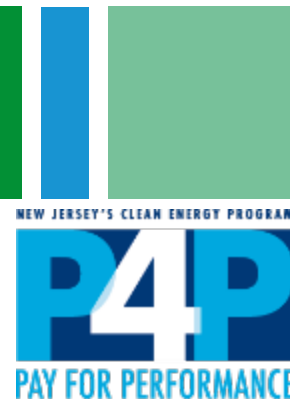
RECOMMENDED NJCEP INCENTIVES PER BUILDING

Entity Name	Pay For Performance	Direct Install	SmartStart	CTEEP
Cambridge Park Pre-K / Administration Building		X	X	X
Cliffwood Park Avenue ES		X	X	X
Lloyd Road ES	X		X	X
Matawan-Aberdeen MS	X		X	X
Matawan Regional HS	X		X	X
Ravine Drive ES		X	X	X
Strathmore ES		X	X	X
All Sports Building		X	X	X
Maintenance Garage		X	X	X

Buildings marked with a lighter X do not meet the requirements of the current P4P program. P4P should be evaluated again once project planning is underway.

PAY FOR PERFORMANCE

NJCleanEnergy.com/P4P



What is P4P: Comprehensive, whole-building approach to saving energy in existing or new facilities.

Qualifications: Annual peak demand 200 kW+ in the previous year for existing buildings

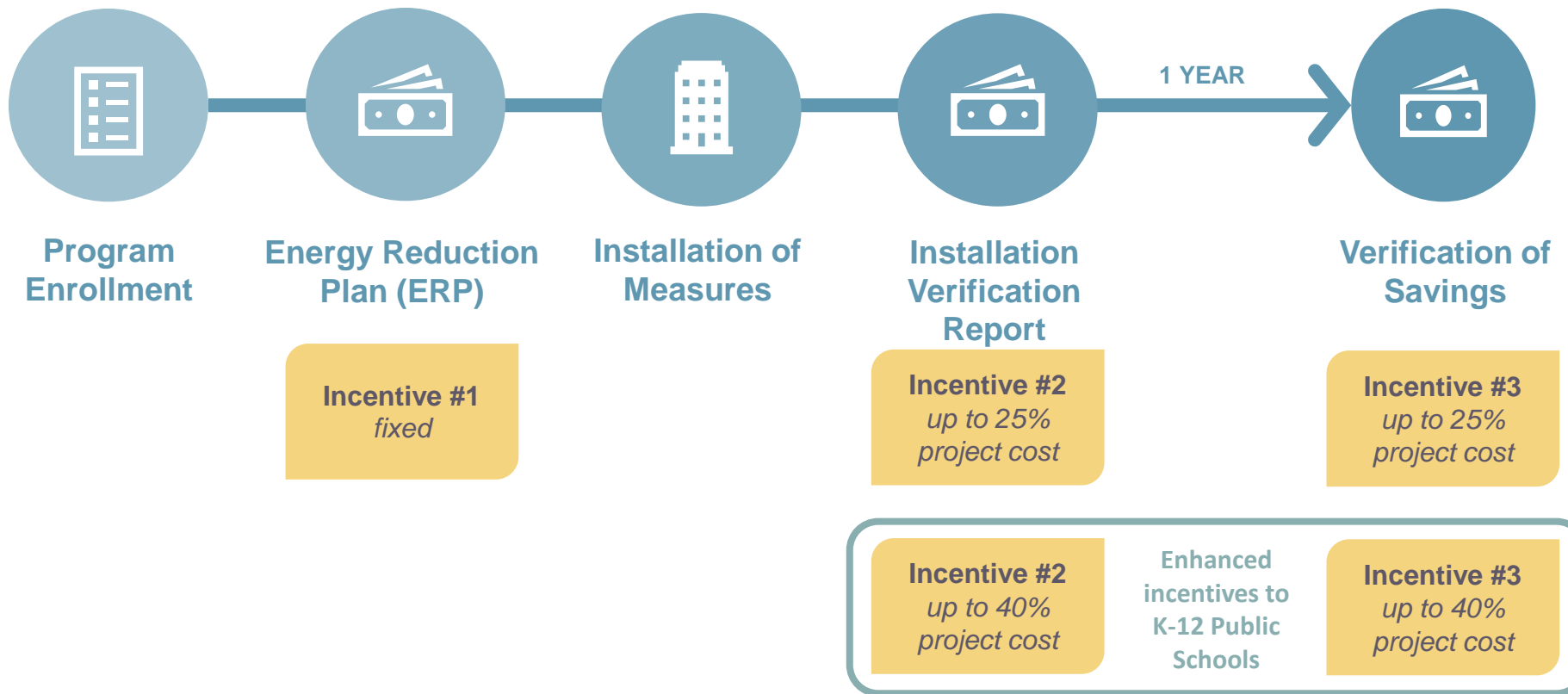
About: Customer choose from a network of pre-approved ***Participating Partners***

Incentives:

- Incentives paid in three installments
 - Up to \$2MM per project((\$4MM entity cap/year)
 - \$1 million for electric measures
 - \$1 million for gas measures
 - Up to 50% of project cost (or 80% for UEZ/OZ/Local Govt./ **K-12 Public Schools**) up to \$2MM per project / \$4MM per entity annually

PAY FOR PERFORMANCE

NJCleanEnergy.com/P4P



DIRECT INSTALL

NJCleanEnergy.com/DI



What is DI: Turn-key retrofit program to replace outdated and inefficient equipment, including lighting, HVAC, refrigeration, etc.

Qualifications: Average electric peak demand <200 kW in the previous 12 months

About:

- Pre-approved participating contractors provide support and process paperwork
- Incentives paid directly to the contractor
- Fast project turnaround time (4-6 months)

Incentives:

- \$125,000 incentive funding per project/building ([\\$250K](#) UEZ/OZ/Local Govt./[K-12 Public Schools](#)), or
- \$250,000 entity cap ([\\$4MM](#) UEZ/OZ/Local Govt./[K-12 Public Schools](#))

DIRECT INSTALL

NJCleanEnergy.com/DI

Facilities in Urban Enterprise Zones (UEZ), Opportunity Zones (OZ), Local Governments, and K-12 public schools:

INCENTIVE FUNDING

Up to **80%** of installed cost is paid directly to the contractor

CUSTOMER

20% of installed cost

All other eligible facilities:

INCENTIVE FUNDING

Up to **70%** of installed cost is paid directly to the contractor

CUSTOMER

30% of installed cost



DIRECT INSTALL

NJCleanEnergy.com/DI

Participating Contractor

Hutchinson Mechanical Services

Pete Hatton

856-429-5828 x259

petehatton@hutchbiz.com



SMARTSTART

NJCleanEnergy.com/SSB

What is SSB: Individual high efficiency equipment rebates for new construction, renovation, remodeling, equipment replacement

Qualifications: • All C&I customer types contributing into the Societal Benefits Charge (SBC)

About:

- Prescriptive and custom designed measures
- Pre-approval required only for lighting projects with incentives >\$100,000 and all custom projects
- For measures not requiring pre-approval, applications must be submitted to the program within one year of purchase.

Incentives:

- Prescriptive: \$500,000 cap for each electric or gas account
- Custom, lesser of the following:
 - \$0.16/kWh and/or \$1.60/Therm saved annually
 - 50% of incremental installed cost
 - Buy-down to 1 year payback based on incremental cost and savings



SMARTSTART

NJCleanEnergy.com/SSB



PRESCRIPTIVE INCENTIVES

- Electric Chillers
- Gas Cooling
- Electric Unitary HVAC
- Ground Source Heat Pumps
- Gas Heating
- Variable Frequency Drives
- Gas Water Heating
- Lighting/Lighting Controls
- Refrigeration Doors
- Refrigeration Controls
- Food Service Equipment
- Refrigerator/Freezer Motors

DOUBLE INCENTIVES

for OZ/UEZ, local government (munis & counties), K-12 public school, or designated as affordable housing



CUSTOM INCENTIVES

- New or innovative technologies proven to be cost-effective and not listed as prescriptive
- Must meet code for retrofit projects or exceed code for new construction
- Project pre and post inspection required



CUSTOMER TAILORED ENERGY EFFICIENCY PILOT

NJCleanEnergy.com/CTEEP

What is CTEEP: A streamlined/single application process for participants submitting multiple different technology types.

Qualifications:

- All C&I customer types contributing into the Societal Benefits Charge (SBC)

About:

- On site assistance available
- Additional technical incentive available to offset soft costs associated with developing and planning custom projects

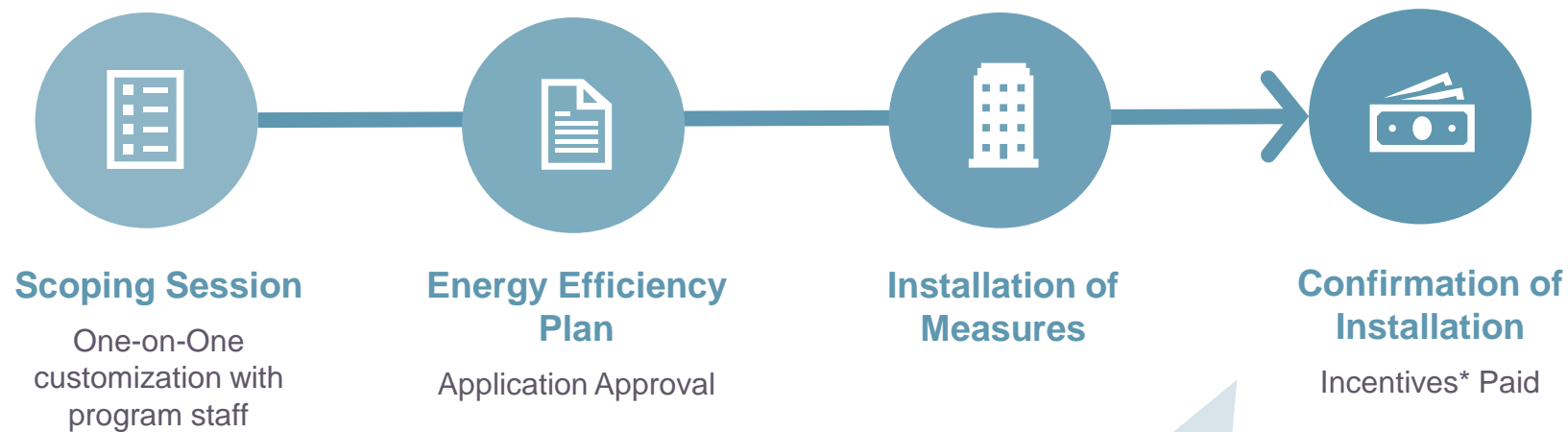
Incentives:

- Up to \$500,000 for each electric or gas account
- Technical assistance incentives for custom project evaluation (up to \$10K)

**SAME INCENTIVE
VALUES AS
SMARTSTART**

CTEEP: CUSTOMER TAILORED ENERGY EFFICIENCY PILOT

NJCleanEnergy.com/CTEEP



**SAME INCENTIVE
VALUES AS
SMARTSTART**



SMARTSTART, CTEEP, DI: FINANCING OPTION

- NJNG provides 0% financing options that will cover up to \$130,000 per year.
- 10 year term-repayments made on regular monthly gas bill
- Need to review project with NJNG to confirm project qualifies.
- The SAVEGREEN program can help with a consultation to discuss your Commercial Energy Efficiency Project.



- Questions? Contact:

Jerry Ryan

Energy Efficiency Ops. Manager
New Jersey Natural Gas
732-433-4362 (cell)
732 378 4920 (office)
jryan@njng.com

Direct Install: Eligible NJNG customers can finance the remaining 30 percent balance at 0% APR through the “SAVEGREEN Project® On-Bill Repayment Program” (OBRP) for 36 months

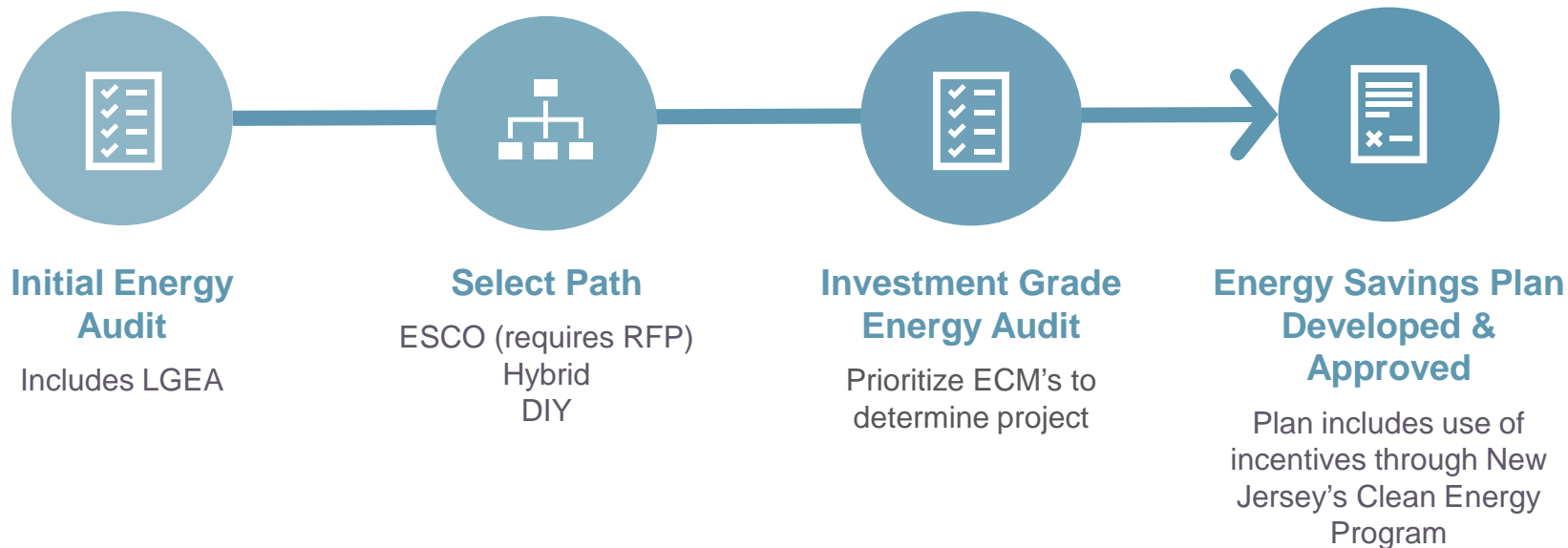
FINANCING MECHANISM: ESIP

ENERGY SAVINGS IMPROVEMENT PROGRAM (ESIP)

- Provides alternative financing for energy savings projects at public institutions
- Administered directly by the NJBPU
- Project is paid for with the value of its own energy savings
- 15 or 20-year repayment term
- NJCEP incentives/rebates are layered within an ESIP
- No upfront capital expenses
- Doesn't require voter approval



FINANCING MECHANISM: ESIP



ENERGY SAVINGS IMPROVEMENT PROGRAM (ESIP)

FOR MORE INFORMATION

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QUESTIONS

