

New Jersey's Clean Energy Program

LGEA Exit Meeting for: Middlesex County Vocational School District

TRC Energy Services

August 20, 2018

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Introductions



- <u>Middlesex County Vocational School District</u>
 - Karl Knehr Business Administrator
 - Francis Cap Director of Buildings & Grounds
- <u>SSP Architects</u>
 - Scott Mihalick Principal & COO
- NJ Clean Energy Program
 - Brian DeLuca Program Manager
 - Alex Klieverik Auditor
 - Sarah Walters Account Manager
 - Mike Thulen ESIP Coordinator





- The audit process overview
- Energy use & existing conditions
- Review of Energy Conservation Measures (ECMs) identified
- Questions or concerns regarding the draft audit report
- Overview of NJCEP equipment incentives
- Next steps for Middlesex County Vocational School District

LGEA Process



Application Approval

Scheduling Call

Audit

Benchmarking & Analysis

Draft Report

Exit Meeting Presentation

Final Report

Site Visit and Utility Analysis



Overview of Systems, Baseline & Existing Conditions:

- Building Envelope
- Lighting System
- HVAC and Mechanical Systems

Utility Consumption:

- Electric Consumption and Costs
- Natural Gas Consumption and Costs

Sites Visited/Analyzed

- Woodbridge Campus
- Perth Amboy Campus
- Edison Campus



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	406,044	82.2	0.0	\$52,878.19	\$288,989.10	\$35,700.00	\$253,289.10	4.8	408,883
Install LED Fixtures	62,846	11.4	0.0	\$8,259.86	\$62,360.05	\$575.00	\$61,785.05	7.5	63,286
Retrofit Fixtures with LED Lamps	343,049	70.8	0.0	\$44,598.47	\$226,521.49	\$35,125.00	\$191,396.49	4.3	345,448
Install LED Exit Signs	149	0.0	0.0	\$19.86	\$107.56	\$0.00	\$107.56	5.4	150
Lighting Control Measures	97,472	20.3	0.0	\$12,687.85	\$108,556.00	\$11,630.00	\$96,926.00	7.6	98,154
Install Occupancy Sensor Lighting Controls	82,254	17.0	0.0	\$10,713.19	\$95,556.00	\$11,630.00	\$83,926.00	7.8	82,829
Install High/Low Lighitng Controls	15,218	3.3	0.0	\$1,974.66	\$13,000.00	\$0.00	\$13,000.00	6.6	15,325
Motor Upgrades	1,728	2.2	0.0	\$263.21	\$3,404.63	\$0.00	\$3,404.63	12.9	1,740
Premium Efficiency Motors	1,728	2.2	0.0	\$263.21	\$3,404.63	\$0.00	\$3,404.63	12.9	1,740
Variable Frequency Drive (VFD) Measures	22,843	3.1	0.0	\$3,046.97	\$16,379.25	\$0.00	\$16,379.25	5.4	23,002
Install VFDs on Chilled Water Pumps	9,137	1.3	0.0	\$1,218.79	\$6,551.70	\$0.00	\$6,551.70	5.4	9,201
Install VFDs on Hot Water Pumps	13,706	1.9	0.0	\$1,828.18	\$9,827.55	\$0.00	\$9,827.55	5.4	13,801
Electric Unitary HVAC Measures	136,248	90.7	0.0	\$17,446.73	\$1,656,665.29	\$22,760.58	\$1,633,904.71	93.7	137,200
Install High Efficiency Electric AC	111,379	74.3	0.0	\$14,322.37	\$1,473,290.32	\$16,535.75	\$1,456,754.57	101.7	112,157
Install High Efficiency Packaged Terminal AC/HP	24,869	16.4	0.0	\$3,124.36	\$183,374.97	\$6,224.83	\$177,150.14	56.7	25,043
Electric Chiller Replacement	56,355	34.7	0.0	\$7,517.24	\$110,913.95	\$11,700.00	\$99,213.95	13.2	56,749
Install High Efficiency Chillers	56,355	34.7	0.0	\$7,517.24	\$110,913.95	\$11,700.00	\$99,213.95	13.2	56,749
Gas Heating (HVAC/Process) Replacement	0	0.0	3 53.9	\$3,146.80	\$88,686.11	\$6,912.00	\$81,774.11	26.0	41,437
Install High Efficiency Hot Water Boilers	0	0.0	61.5	\$550.85	\$23,043.29	\$2,112.00	\$20,931.29	38.0	7,201
Install High Efficiency Furnaces	0	0.0	292.4	\$2,595.95	\$65,642.82	\$4,800.00	\$60,842.82	23.4	34,235
Domestic Water Heating Upgrade	0	0.0	12.3	\$107.69	\$200.76	\$0.00	\$200.76	1.9	1,439
Install Low-Flow Domestic Hot Water Devices	0	0.0	12.3	\$107.69	\$200.76	\$0.00	\$200.76	1.9	1,439
Plug Load Equipment Control - Vending Machine	9,087	0.0	0.0	\$1,215.35	\$1,840.00	\$0.00	\$1,840.00	1.5	9,150
Vending Machine Control	9,087	0.0	0.0	\$1,215.35	\$1,840.00	\$0.00	\$1,840.00	1.5	9,150
TOTALS	729,777	233.3	366.2	\$98,310.03	\$2,275,635.09	\$88,702.58	\$2,186,932.51	22.2	777,756

* - 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.

Cost Effective Opportunities*



*Opportunities considered cost effective have a payback period less than the expedited life of the measure

		Peak Demand	Annual Fuel	Annual Energy Cost	Estimated	Estimated	Estimated Net	Simple Payback	CO ₂ e Emissions
Energy Conservation Measure	Savings	Savings	Savings	Savings		Incentive (¢)*	COSI	Period	Reduction
	(kWh)	(kW)	(MMBtu)	(\$)	(Þ)	(4)	(Þ)	(yrs)**	(lbs)
Lighting Upgrades	406,044	82.2	0.0	\$52,878.19	\$288,989.10	\$35,700.00	\$253,289.10	4.8	408,883
ECM 1 Install LED Fixtures	62,846	11.4	0.0	\$8,259.86	\$62,360.05	\$575.00	\$61,785.05	7.5	63,286
ECM 2 Retrofit Fixtures with LED Lamps	343,049	70.8	0.0	\$44,598.47	\$226,521.49	\$35,125.00	\$191,396.49	4.3	345,448
ECM 3 Install LED Exit Signs	149	0.0	0.0	\$19.86	\$107.56	\$0.00	\$107.56	5.4	150
Lighting Control Measures	97,472	20.3	0.0	\$12,687.85	\$108,556.00	\$11,630.00	\$96,926.00	7.6	98,154
ECM 4 Install Occupancy Sensor Lighting Controls	82,254	17.0	0.0	\$10,713.19	\$95,556.00	\$11,630.00	\$83,926.00	7.8	82,829
ECM 5 Install High/Low Lighitng Controls	15,218	3.3	0.0	\$1,974.66	\$13,000.00	\$0.00	\$13,000.00	6.6	15,325
Motor Upgrades	1,728	2.2	0.0	\$263.21	\$3,404.63	\$0.00	\$3,404.63	12.9	1,740
ECM 6 Premium Efficiency Motors	1,728	2.2	0.0	\$263.21	\$3,404.63	\$0.00	\$3,404.63	12.9	1,740
Variable Frequency Drive (VFD) Measures	22,843	3.1	0.0	\$3,046.97	\$16,379.25	\$0.00	\$16,379.25	5.4	23,002
ECM 7 Install VFDs on Chilled Water Pumps	9,137	1.3	0.0	\$1,218.79	\$6,551.70	\$0.00	\$6,551.70	5.4	9,201
ECM 8 Install VFDs on Hot Water Pumps	13,706	1.9	0.0	\$1,828.18	\$9,827.55	\$0.00	\$9,827.55	5.4	13,801
Electric Chiller Replacement	56,355	34.7	0.0	\$7,517.24	\$110,913.95	\$11,700.00	\$99,213.95	13.2	56,749
ECM 9 Install High Efficiency Chillers	56,355	34.7	0.0	\$7,517.24	\$110,913.95	\$11,700.00	\$99,213.95	13.2	56,749
Domestic Water Heating Upgrade	0	0.0	12.3	\$107.69	\$200.76	\$0.00	\$200.76	1.9	1,439
ECM 10 Install Low-Flow Domestic Hot Water Devices	0	0.0	12.3	\$107.69	\$200.76	\$0.00	\$200.76	1.9	1,439
Plug Load Equipment Control - Vending Machine	9,087	0.0	0.0	\$1,215.35	\$1,840.00	\$0.00	\$1,840.00	1.5	9,150
ECM 11 Vending Machine Control	9,087	0.0	0.0	\$1,215.35	\$1,840.00	\$0.00	\$1,840.00	1.5	9,150
TOTALS	593,530	142.6	12.3	\$77,716.50	\$530,283.69	\$59,030.00	\$471,253.69	6.1	599,119

* - 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.

Benchmarking



Edison Campus

LEARN MORE AT energystar.gov	GY STAR [®] Si rmance	atement o	of Energy	
40	Edison Campu Primary Property Typ Gross Floor Area (ft ²) Built: 2000 For Year Ending: April Date Generated: March	s e: K-12 School : 15,200 30, 2017 28, 2018		
Score ¹				
1. The ENERGY STAR score is a 1-100 a climate and business activity.	ssessment of a building's energ	y efficiency as compare	ed with similar buildings natio	nwide, adjusting for
Property & Contact Informatio	n I			
Property Address Edison Campus 100 Technology Drive Edison, New Jersey 08837	Property Owner Middlesex County V District 1011 Route 22 Wes Suite 203 Bridgewater, NC 08	ocational School t 807	Primary Contact Karl Knehr 1011 Route 22 West Suite 203 Bridgewater, NC 06807 732-257-3300 x1952 Knehrk@mail.mcvts.net	
Property ID: 6260844				
Energy Consumption and Ene	rgy Use Intensity (EUI)			
Site EUI Annual Energy 139.7 kBtu/ft ² Electric - Grid (Natural Gas (kE Source EUI 273.4 kBtu/ft ²	by Fuel KBtu) 921,245 (43%) Stu) 1,202,883 (57%)	National Median S National Median S National Median S % Diff from Nation Annual Emission Greenhouse Gas	Comparison Site EUI (kBtwft*) Source EUI (kBtwft*) aal Median Source EUI S Emissions (Metric Tons	128.5 251.4 9%
Signature & Stamp of Ver	rifying Professional	CO2e/year)		
I(Name) ve	enty that the above information	on is true and correct	to the best of my knowledg	je.
Signature:	Date:			
Licensed Professional		Brofessie	nsi Englinan Atomo	

Building Name	ENERGY STAR Score
Woodbridge Campus	25
Perth Amboy Campus	20
Edison Campus	40

ENERGY STAR Scores are percentile ranking from 1 to 100. It compares your building's energy performance to similar buildings nationwide.



Woodbridge Campus

	Energy Conservation Measure	Recommend?	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 (Ibs)
	Lighting Upgrades		79,175	14.1	0.0	\$10,561.14	\$47,012.11	\$6,415.00	\$40,597.11	3.8	79,729
ECM 1	Install LED Fixtures	Yes	7,292	1.3	0.0	\$972.64	\$10,345.86	\$85.00	\$10,260.86	10.5	7,343
ECM 2	Retrofit Fixtures with LED Lamps	Yes	71,734	12.8	0.0	\$9,568.64	\$36,558.69	\$6,330.00	\$30,228.69	3.2	72,236
ECM 3	Install LED Exit Signs	Yes	149	0.0	0.0	\$19.86	\$107.56	\$0.00	\$107.56	5.4	150
	Lighting Control Measures		18,076	3.2	0.0	\$2,411.22	\$21,048.00	\$2,545.00	\$18,503.00	7.7	18,203
ECM 4	Install Occupancy Sensor Lighting Controls	Yes	17,853	3.2	0.0	\$2,381.41	\$20,648.00	\$2,545.00	\$18,103.00	7.6	17,978
ECM 5	Install High/Low Lighting Controls	Yes	223	0.0	0.0	\$29.81	\$400.00	\$0.00	\$400.00	13.4	225
	Variable Frequency Drive (VFD) Measures		22,843	3.1	0.0	\$3,046.97	\$16,379.25	\$0.00	\$16,379.25	5.4	23,002
ECM 6	Install VFDs on Chilled Water Pumps	Yes	9,137	1.3	0.0	\$1,218.79	\$6,551.70	\$0.00	\$6,551.70	5.4	9,201
ECM 7	Install VFDs on Hot Water Pumps	Yes	13,706	1.9	0.0	\$1,828.18	\$9,827.55	\$0.00	\$9,827.55	5.4	13,801
	Electric Unitary HVAC Measures		10,871	8.0	0.0	\$1,450.05	\$64,900.61	\$3,402.46	\$ <mark>61,498</mark> .15	42.4	10,947
	Install High Efficiency Electric AC	No	10,871	8.0	0.0	\$1,450.05	\$64,900.61	\$3,402.46	\$61,498.15	42.4	10,947
	Electric Chiller Replacement		56,355	34.7	0.0	\$7,517.24	\$110,913.95	\$11,700.00	\$99,213.95	13.2	56,749
ECM 8	Install High Efficiency Chillers	Yes	56,355	34.7	0.0	\$7,517.24	\$110,913.95	\$11,700.00	\$99,213.95	13.2	56,749
	Domestic Water Heating Upgrade		0	0.0	4.7	\$40.02	\$21.51	\$0.00	\$21.51	0.5	554
ECM 9	Install Low-Flow Domestic Hot Water Devices	Yes	0	0.0	4.7	\$40.02	\$21.51	\$0.00	\$21.51	0.5	554
	Plug Load Equipment Control - Vending Machine		1,612	0.0	0.0	\$215.00	\$230.00	\$0.00	\$230.00	1.1	1,623
ECM 10	Vending Machine Control	Yes	1,612	0.0	0.0	\$215.00	\$230.00	\$0.00	\$230.00	1.1	1,623
	TOTALS FOR HIGH PRIORITY MEASURES		178,061	55.1	4.7	\$23,791.61	\$195,604.81	\$20,660.00	\$174,944.81	7.4	179,861
	TOTALS FOR ALL EVALUATED MEASURES		188,932	63.2	4.7	\$25,241.66	\$260,505.42	\$24,062.46	\$236,442.97	9.4	190,807

* - 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.



Perth Amboy Campus

	Energy Conservation Measure	Recommend?	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 (Ibs)
	Lighting Upgrades		279,933	54.8	0.0	\$35,168.62	\$204,967.71	\$24,530.00	\$180,437.71	5.1	281,890
ECM 1	Install LED Fixtures	Yes	44,013	6.8	0.0	\$5,529.42	\$47,134.08	\$400.00	\$46,734.08	8.5	44,321
ECM 2	Retrofit Fixtures with LED Lamps	Yes	235,920	48.0	0.0	\$29,639.20	\$157,833.63	\$24,130.00	\$133,703.63	4.5	237,570
	Lighting Control Measures		68,074	13.9	0.0	\$8,552.23	\$71,808.00	\$7,475.00	\$64,333.00	7.5	68,550
ECM 3	Install Occupancy Sensor Lighting Controls	Yes	55,367	11.3	0.0	\$6,955.85	\$61,408.00	\$7,475.00	\$53,933.00	7.8	55,754
ECM 4	Install High/Low Lighitng Controls	Yes	12,707	2.6	0.0	\$1,596.38	\$10,400.00	\$0.00	\$10,400.00	6.5	12,796
	Install High Efficiency Electric AC	No	91,310	60.1	0.0	\$11,471.48	\$1,186,792.54	\$13,133.29	\$1,173,659.24	102.3	91,948
6	Install High Efficiency Packaged Terminal AC/HP	No	24,869	16.4	0.0	\$3,124.36	\$183,374.97	\$6,224.83	\$177,150.14	56.7	25,043
	Gas Heating (HVAC/Process) Replacement		0	0.0	242.4	\$2,148.24	\$50,960.87	\$4,000.00	\$46,960.87	21.9	28,382
	Install High Efficiency Furnaces	No	0	0.0	242.4	\$2,148.24	\$50,960.87	\$4,000.00	\$46,960.87	21.9	28,382
	Plug Load Equipment Control - Vending Machine		5,178	0.0	0.0	\$650.53	\$920.00	\$0.00	\$920.00	1.4	5,214
ECM 5	Vending Machine Control	Yes	5,178	0.0	0.0	\$650.53	\$920.00	\$0.00	\$920.00	1.4	5,214
	Custom Measures		0	0.0	0.0	\$0.00	\$0.00	\$0.00	\$0.00	0.0	0
TOTALS FOR HIGH PRIORITY MEASURES			353,185	68.7	0.0	\$44,371.38	\$277,695.71	\$32,005.00	\$245,690.71	5.5	355,654
	TOTALS FOR ALL EVALUATED MEASURES		469,364	145.2	242.4	\$61,115.46	\$1,698,824.09	\$55,363.13	\$1,643,460.96	26.9	501,028

* - 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.

Edison Campus



Energy Conservation Measure	Recommend?	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 (Ibs)
Lighting Upgrades		46,936	13.4	0.0	\$7,148.42	\$37,009.28	\$4,755.00	\$32,254.28	4.5	47,264
ECM 1 Install LED Fixtures	Yes	11,542	3.3	0.0	\$1,757.80	\$4,880.11	\$90.00	\$4,790.11	2.7	11,622
ECM 2 Retrofit Fixtures with LED Lamps	Yes	35,395	10.1	0.0	\$5,390.63	\$32,129.17	\$4,665.00	\$27,464.17	5.1	35,642
Lighting Control Measures		11,322	3.2	0.0	\$1,724.41	\$15,700.00	\$1,610.00	\$14,090.00	8.2	11,402
ECM 3 Install Occupancy Sensor Lighting Controls	Yes	9,034	2.6	0.0	\$1,375.93	\$13,500.00	\$1,610.00	\$11,890.00	8.6	9,097
ECM 4 Install High/Low Lighitng Controls	Yes	2,288	0.7	0.0	\$348.47	\$2,200.00	\$0.00	\$2,200.00	6.3	2,304
Motor Upgrades		1,728	2.2	0.0	\$263.21	\$3,404.63	\$0.00	\$3,404.63	12.9	1,740
ECM 5 Premium Efficiency Motors	Yes	1,728	2.2	0.0	\$263.21	\$3,404.63	\$0.00	\$3,404.63	12.9	1,740
Electric Unitary HVAC Measures		9,198	6.2	0.0	\$1,400.84	\$221,597.17	\$0.00	\$221,597.17	158.2	9,262
Install High Efficiency Electric AC	No	9,198	6.2	0.0	\$1,400.84	\$221,597.17	\$0.00	\$221,597.17	158.2	9,262
Gas Heating (HVAC/Process) Replacement		0	0.0	111.5	\$998.56	\$37,725.24	\$2,912.00	\$34,813.24	34.9	13,054
Install High Efficiency Hot Water Boilers	No	0	0.0	61.5	\$550.85	\$23,043.29	\$2,112.00	\$20,931.29	38.0	7,201
Install High Efficiency Furnaces	No	0	0.0	50.0	\$447.71	\$14,681.95	\$800.00	\$13,881.95	31.0	5,853
Domestic Water Heating Upgrade		0	0.0	7.6	\$67.67	\$179.25	\$0.00	\$179.25	2.6	885
ECM 6 Install Low-Flow Domestic Hot Water Devices	Yes	0	0.0	7.6	\$67.67	\$179.25	\$0.00	\$179.25	2.6	885
Plug Load Equipment Control - Vending Machine		2,297	0.0	0.0	\$349.82	\$690.00	\$0.00	\$690.00	2.0	2,313
ECM 7 Vending Machine Control	Yes	2,297	0.0	0.0	\$349.82	\$690.00	\$0.00	\$690.00	2.0	2,313
TOTALS FOR HIGH PRIORITY MEASURES		62,284	18.8	7.6	\$9,553.53	\$56,983.16	\$6,365.00	\$50,618.16	5.3	63,604
TOTALS FOR ALL EVALUATED MEASURES		71,481	25.0	119.0	\$11,952.92	\$316,305.56	\$9,277.00	\$307,028.56	25.7	85,920

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Solar Energy Generation Potential

	Woodbridge Campus	Perth Amboy Campus	Edison Campus
Potential:	HIGH	HIGH	HIGH
System Potential:	187 kW	215 kW	80 kW
Electric Generation:	140,707 kWh per year	256,145 kWh per year	95,310 kWh per year
Displaced Cost:	\$12,240 per year	\$22,280 per year	\$8,290 per year

For more information on the SREC Registration Program (SRP) please visit:

http://www.njcleanenergy.com/renewable-energy/programs/solar-renewable-energy-certificates-srec/newjersey-solar-renewable-energy

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

Clean Energy Program Portfolio





SmartStart: Overview



• Two types of incentives for high efficiency equipment installation:

- Prescriptive
- Custom
- Project Categories:
 - New Construction
 - Renovation
 - Remodeling
 - Equipment Replacement
- Project pre-approval required for certain equipment
- Incentives up to \$500,000 per electric account & \$500,000 per natural gas account
- Specific incentives and individual applications for Lighting, HVAC, VFDs, Refrigeration, Controls and more!

SmartStart: Financing Option



- NJNG provides 0% financing options for SmartStart 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.



Direct Install: Overview



- Turn-key retrofit program to replace outdated and inefficient equipment, including lighting, HVAC, refrigeration, etc.
- Open to Small to Mid-Sized Commercial and Industrial facilities with an average electric demand ≤ 200 kW
- Provides incentives of up to 70% of the installed cost
- Incentives are paid directly to the contractor
 - Customer only pays remaining 30% of installed cost
 - \$125,000 project/building cap
 - \$250,000 per entity cap (up to \$500,000 if using ESIP)
- Participating contractors provide support and process all paperwork
- Fast turnaround time: Average length of time for job completion (4-6 months)

Direct Install:



Participating Contractor

Willdan Energy Solutions

Robert Vidaurre 908-337-8477

rvidaurre@willdan.com

Recommended NJCEP Incentives per Building



Middlesex County Vocational SD	SmartStart	Direct Install	SREC Registration Program (SRP) for potential Solar Projects*		
Woodbridge Campus+	Х	Х	Х		
Perth Amboy Campus	Х		Х		
Edison Campus	Х	Х	Х		

* These sites have a *high potential* for the implementation of a PV system. The SREC registration program is provided to register produced SRECs and is not an incentive or rebate program.



Energy Savings Improvement Program (ESIP)

- Provides alternative financing for energy savings projects at public institutions. Value of energy savings leveraged to pay for cost of EE projects over a 15 year contract. Does not count as debt/require voter approval.
- Requires an audit as 1st step (LGEA satisfies requirement)
- ESIP participation question on LGEA application
- Program administered directly by BPU





FOR MORE INFORMATION

ESIP

Mike Thulen ESIP Coordinator Office: 609-777-3338 Cell: 732-330-2419 ESIP@bpu.nj.gov

Questions



NJCleanEnergy.com



FOR MORE INFORMATION

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