



LGEA Presentation Burlington County Bridge Commission

June 6, 2022

New Jersey's Clean Energy Program

Lighting the way to New Jersey's Clean Energy Future

Introductions

- Burlington County Bridge Commission
 - Steven Rathgeb Sustainability Coordinator
 - Mike Ott Senior Engineer
 - Sascha Harding Resident Engineer
 - Christine Nociti CFO/Chief Compliance Officer
 - John Moore Director of PCNP
- NJ Clean Energy Program
 - Sarah Walters LGEA Project Manager
 - Moussa Traore LGEA Lead Auditor
 - Ryan Knippenberg LGEA Project Auditor
 - Meredith Coley LGEA Account Manager
 - Michelle Rossi ESIP Coordinator (BPU)
 - Arif Welcher Government/Business Manager (BPU)

AGENDA

- The audit process overview
- Energy use & existing conditions
- Review of Energy Conservation Measures (ECMs) identified
 & other recommendations
- Energy Savings Improvement Program (ESIP)
- C&I Transition of EE Programs
- Questions regarding the draft audit report
- Next steps for Burlington County Bridge Commission



LGEA PROCESS

- Application Approval
- Initial Call
- Facility Interviews
- Audit
- Benchmarking & Analysis
- Draft Reports
- LGEA Presentation
- Final Reports



SITE VISIT & UTILITY ANALYSIS

Overview of Systems, Baseline & Existing Conditions:

- Lighting System
- HVAC and Mechanical Systems
- Plug Load Equipment
- Bridge Equipment

Utility Consumption:

- Electric Consumption and Costs
- Natural Gas Consumption and Costs

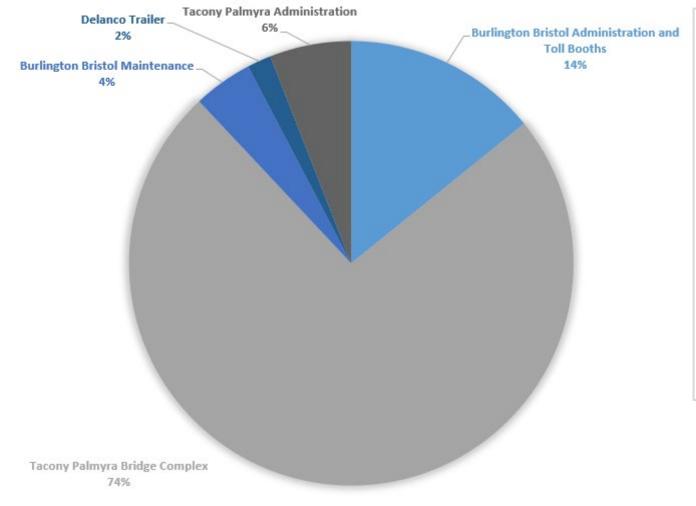
Sites Visited/Analyzed

- Talcony Palmyra Administration
- Talcony Palmyra Toll Building
- Talcony Palmyra Police
- Talcony Palmyra Maintenance
- Talcony Palmyra Cove
- Delanco Trailer
- Burlington Bristol Administration
- Burlington Bristol Maintenance
- Talcony Palmyra Toll Booths
- Burlington Bristol Toll Booths

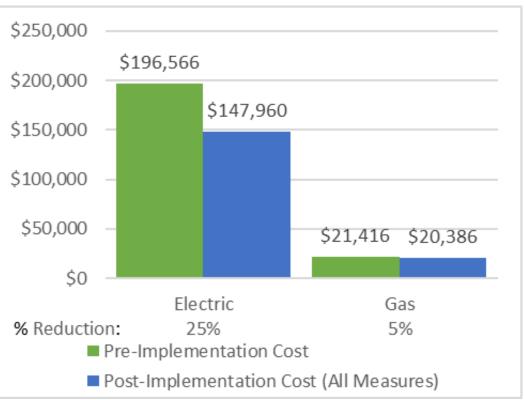


UTILITY BREAKOUT

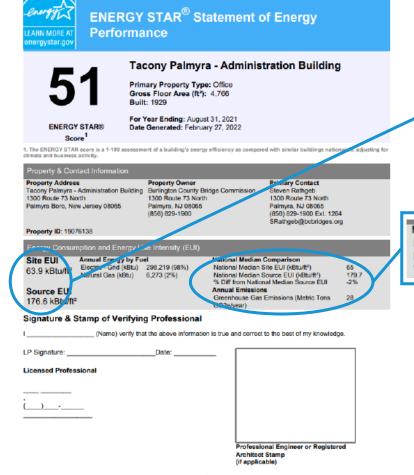
Percent of Total Annual Energy Costs



Pre & Post Implementation Cost

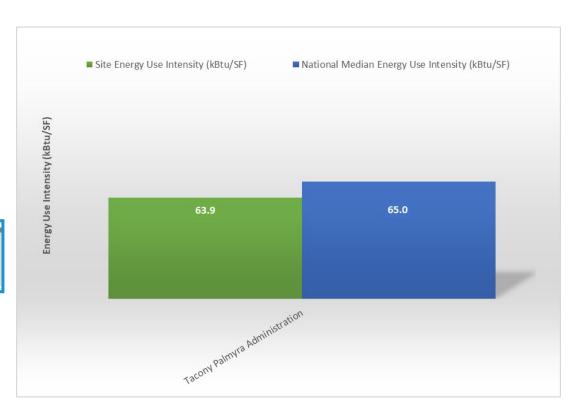


BENCHMARKING



Site EUI 63.9 kBtu/ft² Source EUI 176.6 kBtu/ft²

National Median Comparison
National Median Site EUI (kBtu/ft²) 65
National Median Source EUI (kBtu/ft²) 179.7
% Diff from National Median Source EUI -2%

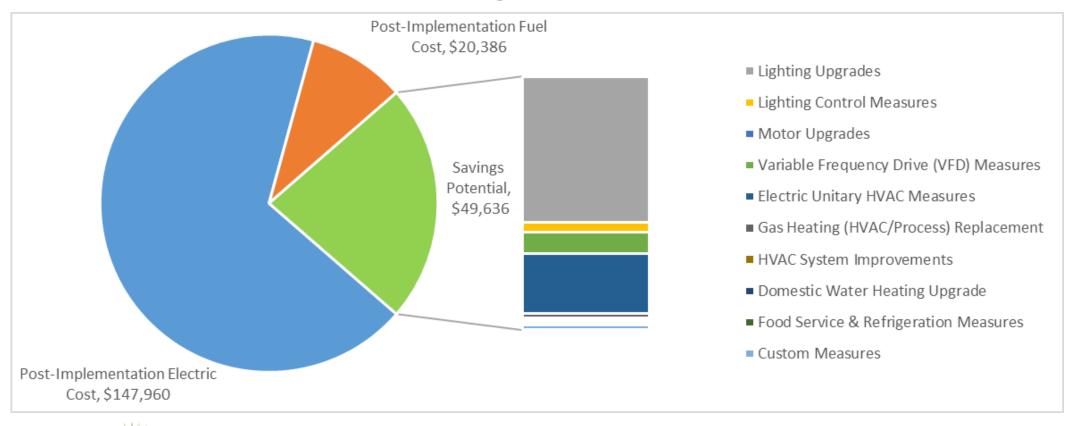


ENERGY STAR® scores are percentile ranking from 1 (least efficient) to 100 (most efficient). It compares your building's energy performance to similar buildings nationwide.



ALL OPPORTUNITIES

Savings Potential





ALL OPPORTUNITIES

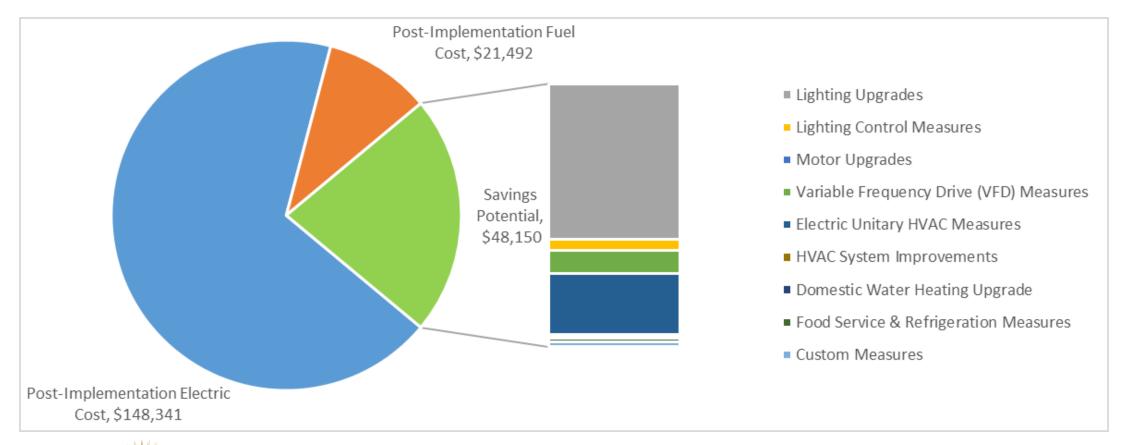
#	Energy Conservation Measure	Annual Electric Savings (kWh)	Peak Demand Savings (kW)	Annual Fuel Savings (MMBtu)	Annual Energy Cost Savings (\$)	Estimated M&L Cost (\$)	Estimated Incentive (\$)*	Estimated Net M&L Cost (\$)	Simple Payback Period (yrs)**	CO₂e Emissions Reduction (lbs)
Lighting	Upgrades	243,072	21.3	-13.9	\$28,519	\$79,913	\$15,947	\$63,966	2.2	243,149
ECM 1	Install LED Fixtures	72,406	0.0	0.0	\$8,645	\$22,108	\$3,200	\$18,908	2.2	72,912
	Retrofit Fluorescent Fixtures with LED Lamps and Drivers	127	0.1	0.0	\$14	\$138	\$20	\$118	8.3	125
ECM 3	Retrofit Fixtures with LED Lamps	170,539	21.2	-13.8	\$19,860	\$57,667	\$12,727	\$44,940	2.3	170,112
Lighting	Control Measures	17,248	4.0	-3.5	\$1,943	\$16,637	\$5,125	\$11,512	5.9	16,963
ECM 4	Install Occupancy Sensor Lighting Controls	11,832	3.1	-2.4	\$1,333	\$11,687	\$1,555	\$10,132	7.6	11,635
ECM 5	Install High/Low Lighting Controls	5,416	0.9	-1.1	\$610	\$4,950	\$3,570	\$1,380	2.3	5,327
Motor U	pgrades	328	0.1	0.0	\$36	\$413	\$0	\$413	11.5	330
ECM 6	Premium Efficiency Motors	328	0.1	0.0	\$36	\$413	\$0	\$413	11.5	330
Variable	Frequency Drive (VFD) Measures	35,626	7.7	0.0	\$4,227	\$45,503	\$2,200	\$43,303	10.2	35,875
ECM 7	Install VFDs on Constant Volume (CV) Fans	35,626	7.7	0.0	\$4,227	\$45,503	\$2,200	\$43,303	10.2	35,875
Electric (Jnitary HVAC Measures	103,676	10.3	8.7	\$11,653	\$37,374	\$1,700	\$35,674	3.1	105,416
ECM 8	Install High Efficiency Air Conditioning Units	3,100	1.4	8.7	\$434	\$18,713	\$1,700	\$17,013	39.2	4,137
ECM 9	Install High Efficiency Heat Pumps	100,576	8.9	0.0	\$11,219	\$18,661	\$0	\$18,661	1.7	101,279
Gas Hea	ting (HVAC/Process) Replacement	0	0.0	100.2	\$977	\$42,002	\$2,700	\$39,302	40.2	11,732
ECM 10	Install High Efficiency Hot Water Boilers	0	0.0	41.6	\$405	\$24,511	\$1,200	\$23,311	57.5	4,867
ECM 11	Install High Efficiency Furnaces	0	0.0	58.6	\$571	\$17,491	\$1,500	\$15,991	28.0	6,865
HVAC Sy	stem Improvements	2,233	0.0	7.7	\$348	\$454	\$36	\$418	1.2	3,154
ECM 12	Install Programmable Thermostats	540	0.0	5.4	\$130	\$330	\$0	\$330	2.5	1,172
ECM 13	Install Pipe Insulation	1,693	0.0	2.4	\$218	\$124	\$36	\$88	0.4	1,982
Domesti	c Water Heating Upgrade	2,884	0.0	3.5	\$371	\$3,504	\$298	\$3,206	8.6	3,310
ECM 14	Install High Efficiency Gas-Fired Water Heater	0	0.0	1.4	\$15	\$2,757	\$140	\$2,617	176.6	165
ECM 15	Install Low-Flow DHW Devices	2,884	0.0	2.1	\$356	\$747	\$158	\$589	1.7	3,145
Food Se	vice & Refrigeration Measures	5,863	0.7	0.0	\$655	\$1,380	\$150	\$1,230	1.9	5,904
ECM 16	Vending Machine Control	5,863	0.7	0.0	\$655	\$1,380	\$150	\$1,230	1.9	5,904
Custom	Measures	7,948	0.0	0.0	\$909	\$7,463	\$0	\$7,463	8.2	8,004
ECM 17	Install Heat Pump Water Heater	7,948	0.0	0.0	\$909	\$7,463	\$0	\$7,463	8.2	8,004
	TOTALS	418,878	44.0	102.7	\$49,636	\$234,642	\$28,156	\$206,486	4.2	433,837

^{* -} All incentives presented in this table are included as placesholders and are based on previously run state rebate programs. Contact your utility provider for details on current programs

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

COST EFFECTIVE OPPORTUNITIES

Savings Potential





COST EFFECTIVE OPPORTUNITIES

# Energy Conservation Measure	Annual Electric Savings (kWh)	Peak Demand Savings (kW)		Annual Energy Cost Savings (\$)	Estimated M&L Cost (\$)	Estimated Incentive (\$)*	Estimated Net M&L Cost (\$)		CO ₂ e Emissions Reduction (lbs)
Lighting Upgrades	243,072	21.3	-13.9	\$28,519	\$79,913	\$15,947	\$63,966	2.2	243,149
ECM 1 Install LED Fixtures	72,406	0.0	0.0	\$8,645	\$22,108	\$3,200	\$18,908	2.2	72,912
ECM 2 Retrofit Fluorescent Fixtures with LED Lamps and Drivers	127	0.1	0.0	\$14	\$138	\$20	\$118	8.3	125
ECM 3 Retrofit Fixtures with LED Lamps	170,539	21.2	-13.8	\$19,860	\$57,667	\$12,727	\$44,940	2.3	170,112
Lighting Control Measures	17,248	4.0	-3.5	\$1,943	\$16,637	\$5,125	\$11,512	5.9	16,963
ECM 4 Install Occupancy Sensor Lighting Controls	11,832	3.1	-2.4	\$1,333	\$11,687	\$1,555	\$10,132	7.6	11,635
ECM 5 Install High/Low Lighting Controls	5,416	0.9	-1.1	\$610	\$4,950	\$3,570	\$1,380	2.3	5,327
Motor Upgrades	328	0.1	0.0	\$36	\$413	\$0	\$413	11.5	330
ECM 6 Premium Efficiency Motors	328	0.1	0.0	\$36	\$413	\$0	\$413	11.5	330
Variable Frequency Drive (VFD) Measures	35,626	7.7	0.0	\$4,227	\$45,503	\$2,200	\$43,303	10.2	35,875
ECM 7 Install VFDs on Constant Volume (CV) Fans	35,626	7.7	0.0	\$4,227	\$45,503	\$2,200	\$43,303	10.2	35,875
Electric Unitary HVAC Measures	100,576	8.9	0.0	\$11,219	\$18,661	\$0	\$18,661	1.7	101,279
ECM 9 Install High Efficiency Heat Pumps	100,576	8.9	0.0	\$11,219	\$18,661	\$0	\$18,661	1.7	101,279
HVAC System Improvements	2,233	0.0	7.7	\$348	\$454	\$36	\$418	1.2	3,154
ECM 12 Install Programmable Thermostats	540	0.0	5.4	\$130	\$330	\$0	\$330	2.5	1,172
ECM 13 Install Pipe Insulation	1,693	0.0	2.4	\$218	\$124	\$36	\$88	0.4	1,982
Domestic Water Heating Upgrade	2,884	0.0	2.1	\$356	\$747	\$158	\$589	1.7	3,145
ECM 15 Install Low-Flow DHW Devices	2,884	0.0	2.1	\$356	\$747	\$158	\$589	1.7	3,145
Food Service & Refrigeration Measures	5,863	0.7	0.0	\$655	\$1,380	\$150	\$1,230	1.9	5,904
ECM 16 Vending Machine Control	5,863	0.7	0.0	\$655	\$1,380	\$150	\$1,230	1.9	5,904
Custom Measures	7,526	0.0	0.0	\$848	\$5,080	\$0	\$5,080	6.0	7,579
ECM 17 Install Heat Pump Water Heater	7,526	0.0	0.0	\$848	\$5,080	\$0	\$5,080	6.0	7,579
TOTALS	415,356	42.6	-7.5	\$48,150	\$168,788	\$23,616	\$145,172	3.0	417,379

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TACONY PALMYRA ADMINISTRATION

#	Energy Conservation Measure	Cost Effective?	Annual Electric Savings (kWh)	Peak Demand Savings (kW)	Annual Fuel Savings (MMBtu)	Annual Energy Cost Savings (\$)	Estimated M&L Cost (\$)	Estimated Incentive (\$)*	Estimated Net M&L Cost (\$)		CO ₂ e Emissions Reduction (lbs)
Lighting	Upgrades		19,696	3.5	0	\$2,847	\$12,026	\$2,608	\$9,418	3.3	19,833
ECM 1	Install LED Fixtures	Yes	14,454	0.0	0	\$2,089	\$6,751	\$1,450	\$5,301	2.5	14,555
ECM 2	Retrofit Fixtures with LED Lamps	Yes	5,242	3.5	0	\$758	\$5,274	\$1,158	\$4,116	5.4	5,278
Lighting	Control Measures		866	0.5	0	\$125	\$2,212	\$845	\$1,367	10.9	872
ECM 3	Install Occupancy Sensor Lighting Controls	Yes	534	0.3	0	\$77	\$1,312	\$180	\$1,132	14.7	538
ECM 4	Install High/Low Lighting Controls	Yes	332	0.2	0	\$48	\$900	\$665	\$235	4.9	335
Variable	Frequency Drive (VFD) Measures		6,602	2.4	0	\$954	\$13,809	\$525	\$13,284	13.9	6,649
ECM 5	Install VFDs on Constant Volume (CV) Fans	Yes	6,602	2.4	0	\$954	\$13,809	\$525	\$13,284	13.9	6,649
HVAC Sy	stem Improvements		141	0.0	0	\$20	\$12	\$4	\$8	0.4	142
ECM 6	Install Pipe Insulation	Yes	141	0.0	0	\$20	\$12	\$4	\$8	0.4	142
Domest	ic Water Heating Upgrade		245	0.0	0	\$35	\$14	\$7	\$7	0.2	247
ECM 7	Install Low-Flow DHW Devices	Yes	245	0.0	0	\$35	\$14	\$7	\$7	0.2	247
Custom	Measures		422	0.0	0	\$61	\$2,383	\$0	\$2,383	39.1	425
ECM 8	Install Heat Pump Water Heater	No	422	0.0	0	\$61	\$2,383	\$0	\$2,383	39.1	425
	TOTALS (COST EFFECTIVE MEASURES)			6.4	0	\$3,983	\$28,073	\$3,989	\$24,084	6.0	27,743
	TOTALS (ALL MEASURES)			6.4	0	\$4,044	\$30,456	\$3,989	\$26,467	6.5	28,168

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TACONY PALMYRA BRIDGE COMPLEX

	Energy Conservation Measure	Cost Effective?	Annual Electric Savings (kWh)	Peak Demand Savings (kW)	Annual Fuel Savings (MMBtu)	Annual Energy Cost Savings (\$)	Estimated M&L Cost (\$)	Estimated Incentive (\$)*	Estimated Net M&L Cost (\$)	Simple Payback Period (yrs)**	CO ₂ e Emissions Reduction (lbs)
Lighting Upgrades			174,107	16.3	-12	\$19,510	\$55,214	\$10,490	\$44,724	2.3	173,874
ECM 1	Install LED Fixtures	Yes	56,318	0.0	0	\$6,350	\$14,386	\$1,450	\$12,936	2.0	56,712
	Retrofit Fluorescent Fixtures with LED Lamps and Drivers	Yes	127	0.1	0	\$14	\$138	\$20	\$118	8.3	125
ECM 3	Retrofit Fixtures with LED Lamps	Yes	117,661	16.2	-12	\$13,146	\$40,690	\$9,020	\$31,670	2.4	117,037
Lighting	Control Measures		13,177	3.1	-3	\$1,458	\$11,614	\$3,775	\$7,839	5.4	12,941
ECM 4	Install Occupancy Sensor Lighting Controls	Yes	8,264	2.4	-2	\$915	\$7,789	\$1,010	\$6,779	7.4	8,116
ECM 5	Install High/Low Lighting Controls	Yes	4,914	0.7	-1	\$544	\$3,825	\$2,765	\$1,060	1.9	4,826
Variable	Frequency Drive (VFD) Measures		29,024	5.4	0	\$3,272	\$31,693	\$1,675	\$30,018	9.2	29,227
ECM 6	Install VFDs on Constant Volume (CV) Fans	Yes	29,024	5.4	0	\$3,272	\$31,693	\$1,675	\$30,018	9.2	29,227
Unitary	HVAC Measures		65,990	7.3	9	\$7,525	\$32,474	\$1,700	\$30,774	4.1	67,466
ECM 7	Install High Efficiency Air Conditioning Units	No	3,100	1.4	9	\$434	\$18,713	\$1,700	\$17,013	39.2	4,137
ECM 8	Install High Efficiency Heat Pumps	Yes	62,890	5.9	0	\$7,091	\$13,761	\$0	\$13,761	1.9	63,329
Gas Hea	ting (HVAC/Process) Replacement		0	0.0	100	\$977	\$42,002	\$2,700	\$39,302	40.2	11,732
ECM 9	Install High Efficiency Hot Water Boilers	No	0	0.0	42	\$405	\$24,511	\$1,200	\$23,311	57.5	4,867
ECM 10	Install High Efficiency Furnaces	No	0	0.0	59	\$571	\$17,491	\$1,500	\$15,991	28.0	6,865
HVAC S	stem Improvements		1,552	0.0	2	\$198	\$113	\$32	\$81	0.4	1,841
ECM 11	Install Pipe Insulation	Yes	1,552	0.0	2	\$198	\$113	\$32	\$81	0.4	1,841
Domest	ic Water Heating Upgrade		2,596	0.0	0	\$293	\$608	\$121	\$486	1.7	2,614
ECM 12	Install Low-Flow DHW Devices	Yes	2,596	0.0	0	\$293	\$608	\$121	\$486	1.7	2,614
Food Se	rvice & Refrigeration Measures		3,909	0.4	0	\$441	\$920	\$100	\$820	1.9	3,936
ECM 13	Vending Machine Control	Yes	3,909	0.4	0	\$441	\$920	\$100	\$820	1.9	3,936
Custom	Measures		7,526	0.0	0	\$848	\$5,080	\$0	\$5,080	6.0	7,579
ECM 14	Install Heat Pump Water Heater	Yes	7,526	0.0	0	\$848	\$5,080	\$0	\$5,080	6.0	7,579
	TOTALS (COST EFFECTIVE MEASURES)		294,781	31.1	-13	\$33,111	\$119,002	\$16,193	\$102,809	3.1	295,341
TOTALS (ALL MEASURES)				32.5	96	\$34,521	\$179,716	\$20,593	\$159,123	4.6	311,210

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DELANCO TRAILER

*	Energy Conservation Measure	Cost Effective?	Annual Electric Savings (kWh)	_	Annual Fuel Savings (MMBtu)	Annual Energy Cost Savings (\$)		Estimated Incentive (\$)*	Estimated Net M&L Cost (\$)	Simple Payback Period (yrs)**	CO ₂ e Emissions Reduction (lbs)
Lighting	Upgrades		8,918	0.1	0	\$1,333	\$2,151	\$438	\$1,713	1.3	8,980
ECM 1	Retrofit Fixtures with LED Lamps	Yes	8,918	0.1	0	\$1,333	\$2,151	\$438	\$1,713	1.3	8,980
Lighting	Control Measures		92	0.0	0	\$14	\$270	\$35	\$235	17.1	92
ECM 2	Install Occupancy Sensor Lighting Controls	Yes	92	0.0	0	\$14	\$270	\$35	\$235	17.1	92
Domest	ic Water Heating Upgrade		43	0.0	0	\$6	\$7	\$4	\$4	0.6	43
ECM 3	Install Low-Flow DHW Devices	Yes	43	0.0	0	\$6	\$7	\$4	\$4	0.6	43
TOTALS (COST EFFECTIVE MEASURES)			9,052	0.1	0	\$1,353	\$2,429	\$477	\$1,952	1.4	9,115
TOTALS (ALL MEASURES)			9,052	0.1	0	\$1,353	\$2,429	\$477	\$1,952	1.4	9,115

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BURLINGTON BRISTOL ADMIN & TOLL BOOTHS

#	Energy Conservation Measure	Cost Effective?	Annual Electric Savings (kWh)	Peak Demand Savings (kW)	Annual Fuel Savings (MMBtu)	Annual Energy Cost Savings (\$)	Estimated M&L Cost (\$)	Estimated Incentive (\$)*	Estimated Net M&L Cost (\$)		CO ₂ e Emissions Reduction (lbs)
Lighting	Upgrades		24,387	0.6	-1	\$2,661	\$5,816	\$1,301	\$4,515	1.7	24,446
ECM 1	Install LED Fixtures	Yes	635	0.0	0	\$70	\$308	\$100	\$208	3.0	640
ECM 2	Retrofit Fixtures with LED Lamps	Yes	23,752	0.6	-1	\$2,591	\$5,508	\$1,201	\$4,307	1.7	23,806
Lighting	Control Measures		2,678	0.3	-1	\$287	\$2,001	\$400	\$1,601	5.6	2,630
ECM 3	Install Occupancy Sensor Lighting Controls	Yes	2,508	0.3	-1	\$269	\$1,776	\$260	\$1,516	5.6	2,463
ECM 4	Install High/Low Lighting Controls	Yes	170	0.0	0	\$18	\$225	\$140	\$85	4.7	167
Motor U	Jpgrades		328	0.1	0	\$36	\$413	\$0	\$413	11.5	330
ECM 5	Premium Efficiency Motors	Yes	328	0.1	0	\$36	\$413	\$0	\$413	11.5	330
Unitary	HVAC Measures		37,686	3.0	0	\$4,128	\$4,900	\$0	\$4,900	1.2	37,950
ECM 6	Install High Efficiency Heat Pumps	Yes	37,686	3.0	0	\$4,128	\$4,900	\$0	\$4,900	1.2	37,950
Domest	ic Water Heating Upgrade		0	0.0	1	\$8	\$14	\$6	\$9	1.1	88
ECM 7	Install Low-Flow DHW Devices	Yes	0	0.0	1	\$8	\$14	\$6	\$ 9	1.1	88
Food Se	rvice & Refrigeration Measures		1,954	0.2	0	\$214	\$460	\$50	\$410	1.9	1,968
ECM 8	Vending Machine Control	Yes	1,954	0.2	0	\$214	\$460	\$50	\$410	1.9	1,968
	TOTALS (COST EFFECTIVE MEASURES)		67,034	4.2	-1	\$7,334	\$13,605	\$1,757	\$11,848	1.6	67,412
	TOTALS (ALL MEASURES)		67,034	4.2	-1	\$7,334	\$13,605	\$1,757	\$11,848	1.6	67,412

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BURLINGTON BRISTOL MAINTENANCE

*	Energy Conservation Measure	Cost Effective?	Annual Electric Savings (kWh)	Peak Demand Savings (kW)	Annual Fuel Savings (MMBtu)	Annual Energy Cost Savings (\$)	Estimated M&L Cost (\$)	Estimated Incentive (\$)*	Estimated Net M&L Cost (\$)		CO ₂ e Emissions Reduction (lbs)
Lighting	Upgrades		15,965	0.7	-1	\$2,168	\$4,706	\$1,110	\$3,596	1.7	16,016
ECM 1	Install LED Fixtures	Yes	999	0.0	0	\$136	\$663	\$200	\$463	3.4	1,006
ECM 2	Retrofit Fixtures with LED Lamps	Yes	14,967	0.7	-1	\$2,032	\$4,044	\$910	\$3,134	1.5	15,010
Lighting	Control Measures		435	0.1	0	\$58	\$540	\$70	\$470	8.1	427
ECM 3	Install Occupancy Sensor Lighting Controls	Yes	435	0.1	0	\$58	\$540	\$70	\$470	8.1	427
HVAC S	ystem Improvements		540	0.0	5	\$130	\$330	\$0	\$330	2.5	1,172
ECM 4	Install Programmable Thermostats	Yes	540	0.0	5	\$130	\$330	\$0	\$330	2.5	1,172
Domest	ic Water Heating Upgrade		0	0.0	3	\$28	\$2,860	\$161	\$2,700	94.7	318
ECM 5	Install High Efficiency Gas-Fired Water Heater	No	0	0.0	1	\$15	\$2,757	\$140	\$2,617	176.5	165
ECM 6	Install Low-Flow DHW Devices	Yes	0	0.0	1	\$14	\$104	\$21	\$83	6.1	152
	TOTALS (COST EFFECTIVE MEASURES)			0.8	6	\$2,369	\$5,680	\$1,201	\$4,479	1.9	17,767
	TOTALS (ALL MEASURES)			0.8	7	\$2,384	\$8,436	\$1,341	\$7,096	3.0	17,932

^{* -} All incentives presented in this table are included as placeholders for planning purposes and are based on previously run state rebate programs. Contact your utility provider for details on current programs.

^{** -} 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

Electric Submeter

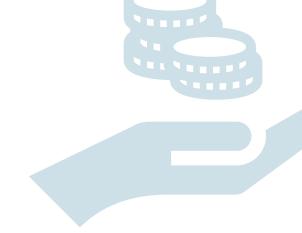




FINANCING MECHANISM: ESIP

ENERGY SAVINGS IMPROVEMENT PROGRAM (ESIP)

- Energy Performance Contracting NJ ESIP
- Financing Mechanism that allows state entities to make energy efficiency improvements without impacting their budgets
- Administered by the NJBPU
- NJBPU Approved EE Incentive Programs: NJCEP or Utility
- Project is paid for with the value of its own energy savings
- 15 or 20 year self-funding loan
- Can be combined with Federal/State Pandemic Relief Funds
- No upfront capital expenses
- No referendum is required
- No impact to taxpayers





FINANCING MECHANISM: ESIP





ENERGY SAVINGS IMPROVEMENT PROGRAM

FOR MORE INFORMATION

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ESIP Coordinator

ESIP@bpu.nj.gov

o: 609.913.6295

c: 609.915.0903



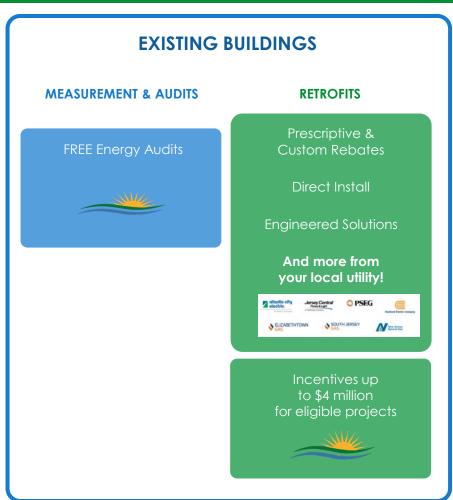
C&I Transition of Energy Efficiency Programs

https://www.njcleanenergy.com/transition

LOCAL GOVERNMENT CUSTOMERS

COMMERCIAL & INSTITUTIONAL CUSTOMERS

LARGE ENERGY CUSTOMERS

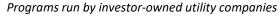
















UTILITY RUN ENERGY EFFICIENCY PROGRAMS

PRESCRIPTIVE & CUSTOM REBATES:

- Individual high efficiency equipment rebates for renovation, remodeling, and equipment replacement
- Flexibility to do a little or a lot
- No size requirement

DIRECT INSTALL:

- Turn-key retrofit program to replace outdated and inefficient equipment including, lighting, HVAC, refrigeration, etc.
- The facility must have an average electric peak demand
 <200kW in the previous year to qualify

ENGINEERED SOLUTIONS:



- Comprehensive, whole-building approach to saving energy
- The facility must have an average electric peak demand >200kW in the previous year to qualify

UTILITY RUN ENERGY EFFICIENCY PROGRAMS

PSE&G

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