# New Jersey's Clean Energy Program

LGEA Exit Meeting for:

Kenilworth Board of Education

July 22, 2019





## INTRODUCTIONS

- Kenilworth Board of Education
  - Vincent Gonnella Business Administrator
  - Christopher Caponegro Supervisor of Buildings & Grounds
- SSP Architects
  - Scott Mihalick Chief Operating Officer
- NJ Clean Energy Program
  - Aimee Lalonde TRC Auditor
  - Sarah Walters TRC Account Manager
  - Tony O'Donnell TRC Outreach Manager
  - Arif Welcher BPU Government/Business Manager



## AGENDA

- The audit process overview
- Energy use & existing conditions
- Review of Energy Conservation Measures (ECMs) identified
- Questions regarding the draft audit report
- Overview of NJCEP equipment incentives
- Next steps for Kenilworth Board of Education



# LGEA PROCESS

- Application Approval
- Scheduling Call
- Audit
- Benchmarking & Analysis
- Draft Report
- Exit Meeting Presentation
- Final Report



## SITE VISIT & UTILITY ANALYSIS

# Overview of Systems, Baseline & Existing Conditions:

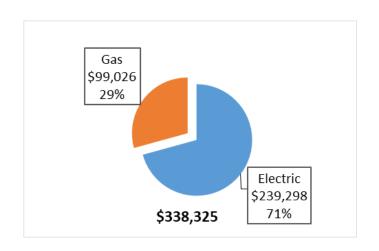
- Lighting System
- HVAC and Mechanical Systems
- Plug Load Equipment

### **Utility Consumption:**

- Electric Consumption and Costs
- Natural Gas Consumption and Costs

### Sites Visited/Analyzed

- Warren Harding Elementary School
- David Brearley Middle/High School

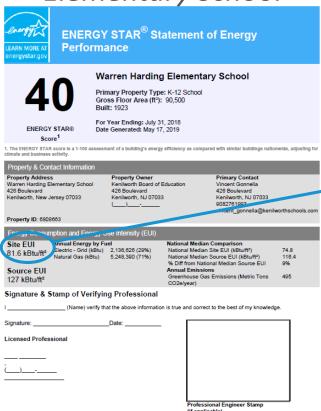




## BENCHMARKING

### Warren Harding

Elementary School





Building Name	ENERGY STAR® Score
Warren Harding Elementary School	40
David Brearley Middle/High School	57

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

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 <sub>2</sub> e Emissions Reduction (lbs)
Lighting Upgrades	284,272	87.8	-55.9	\$38,133.45	\$138,283	\$29,349	\$108,934	2.9	279,715
Install LED Fixtures	17,883	3.3	-0.6	\$2,522.54	\$22,709	\$2,135	\$20,574	8.2	17,940
Retrofit Fluorescent Fixtures with LED Lamps and Drivers	1,442	2.3	-0.3	\$190.66	\$3,316	\$550	\$2,766	14.5	1,417
Retrofit Fixtures with LED Lamps	264,946	82.1	-55.0	\$35,420.25	\$112,258	\$26,664	\$85,594	2.4	260,357
Lighting Control Measures	19,425	4.0	-4.1	\$2,599.76	\$24,918	\$1,055	\$23,863	9.2	19,085
Install Occupancy Sensor Lighting Controls	6,391	1.8	-1.3	\$851.88	\$11,418	\$1,055	\$10,363	12.2	6,280
Install High/Low Lighting Controls	13,034	2.1	-2.7	\$1,747.88	\$13,500	\$0	\$13,500	7.7	12,806
Motor Upgrades	392	0.1	0.0	\$50.84	\$1,547	\$0	\$1,547	30.4	395
Premium Efficiency Motors	392	0.1	0.0	\$50.84	\$1,547	\$0	\$1,547	30.4	395
Variable Frequency Drive (VFD) Measures	188,365	44.0	0.0	\$25,381.24	\$179,397	\$8,080	\$171,317	6.7	189,682
Install VFDs on Constant Volume (CV) Fans	106,467	30.0	0.0	\$14,088.97	\$132,025	\$8,080	\$123,945	8.8	107,212
Install VFDs on Chilled Water Pumps	27,299	7.8	0.0	\$3,764.09	\$19,457	\$0	\$19,457	5.2	27,490
Install VFDs on Heating Water Pumps	54,598	6.3	0.0	\$7,528.18	\$27,914	\$0	\$27,914	3.7	54,980
Electric Unitary HVAC Measures	20,751	21.5	0.0	\$2,873.40	\$168,909	\$10,252	\$158,657	55.2	20,896
Install High Efficiency Air Conditioning Units	20,751	21.5	0.0	\$2,873.40	\$168,909	\$10,252	\$158,657	55.2	20,896
Electric Chiller Replacement	15,935	17.8	0.0	\$2,067.01	\$145,041	\$15,640	\$129,401	62.6	16,046
Install High Efficiency Chillers	15,935	17.8	0.0	\$2,067.01	\$145,041	\$15,640	\$129,401	62.6	16,046
Gas Heating (HVAC/Process) Replacement	0	0.0	252.0	\$1,974,95	\$43,366	\$7,200	\$36,166	18.3	29,505
Install High Efficiency Furnaces	0	0.0	252.0	\$1,974.95	\$43,366	\$7,200	\$36,166	18.3	29,505
HVAC System Improvements	726	0.0	16.1	\$227.98	\$2,719	\$0	\$2,719	11.9	2,622
Implement Demand Control Ventilation (DCV)	726	0.0	16.1	\$227.98	\$2,719	\$0	\$2,719	11.9	2.622
Domestic Water Heating Upgrade	38,462	18.0	-71.2	\$4,452.30	\$25,582	\$2,669	\$22,913	5.1	30,393
Install High Efficiency Gas-Fired Water Heater	2.462	7.2	15.4	\$470.91	\$15,714	\$544	\$15,170	32.2	4,277
Install Gas-Fired Booster Water Heater	36,000	10.8	-125.0	\$3,681.19	\$9,288	\$2,125	\$7,163	1.9	21,616
Install Low-Flow DHW Devices	0	0.0	38.4	\$300.20	\$581	\$0	\$581	1.9	4.500
Food Service Equipment & Refrigeration Measures	9,962	0.8	0.0	\$1,292.25	\$4,865	\$350	\$4,515	3.5	10,032
Refrigerator/Freezer Case Electrically Commutated Motors	4,915	0.6	0.0	\$637.55	\$1,517	\$200	\$1,317	2.1	4.949
Refrigeration Controls	5,047	0.2	0.0	\$654.70	\$3,348	\$150	\$3,198	4.9	5,082
Plug Load Equipment Control - Vending Machine	4,836	0.6	0.0	\$649.37	\$690	\$150	\$540	0.8	4,869
Vending Machine Control	4,836	0.6	0.0	\$649.37	\$690	\$150	\$540	0.8	4,869
Custom Measures	40,180	0.0	628.0	\$10,293.70	\$357,615	\$100	\$357,615	34.7	113,995
Installation of an Energy Management System	40,180	0.0	628.0	\$10,293.70	\$357,615	\$0	\$357,615	34.7	113,995
TOTALS	40,180 <b>623,306</b>	194.5	765.0	\$10,293.70	\$357,615 \$1,092,932	\$74,744	\$357,615	34.7 11.3	717,235

<sup>\* -</sup> 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.

<sup>\*\* -</sup> Simple Payback Period is based on net measure costs (i.e. after incentives).



## 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)**	CO₂e Emissions Reduction (lbs)
	Lighting Upgrades	284,272	87.8	-55.9	\$38,133	\$138,283	\$29,349	\$108,934	2.9	279,715
ECM 1	Install LED Fixtures	17,883	3.3	-0.6	\$2,523	\$22,709	\$2,135	\$20,574	8.2	17,940
ECM 2	Retrofit Fluorescent Fixtures with LED Lamps and Drivers	1,442	2.3	-0.3	\$191	\$3,316	\$550	\$2,766	14.5	1,417
ECM 3	Retrofit Fixtures with LED Lamps	264,946	82.1	-55.0	\$35,420	\$112,258	\$26,664	\$85,594	2.4	260,357
	Lighting Control Measures	19,425	4.0	-4.1	\$2,600	\$24,918	\$1,055	\$23,863	92	19,085
ECM 4	Install Occupancy Sensor Lighting Controls	6,391	1.8	-1.3	\$852	\$11,418	\$1,055	\$10,363	12.2	6,280
ECM 5	Install High/Low Lighting Controls	13,034	2.1	-2.7	\$1,748	\$13,500	\$0	\$13,500	7.7	12,806
	Variable Frequency Drive (VFD) Measures	102,177	20.6	0.0	\$14,201	\$70,006	\$1,760	\$68,246	4.8	102,891
ECM 6	Install VFDs on Constant Volume (CV) Fans	20,279	6.5	0.0	\$2,909	\$22,635	\$1,760	\$20,875	7.2	20,421
ECM 7	Install VFDs on Chilled Water Pumps	27,299	7.8	0.0	\$3,764	\$19,457	\$0	\$19,457	5.2	27,490
ECM 8	Install VFDs on Heating Water Pum ps	54,598	6.3	0.0	\$7,528	\$27,914	\$0	\$27,914	3.7	54,980
	Domestic Water Heating Upgrade	36,000	10.8	-86.6	\$3,981	\$9,868	\$2,125	\$7,743	1.9	26,116
ECM 9	Install Gas-Fired Booster Water Heater	36,000	10.8	-125.0	\$3,681	\$9,288	\$2,125	\$7,163	1.9	21,616
ECM 10	Install Low-Flow DHW Devices	0	0.0	38.4	\$300	\$581	\$0	\$581	1.9	4,500
	Food Service Equipment & Refrigeration Measures	9,962	0.8	0.0	\$1,292	\$4,865	\$350	\$4,515	3.5	10,032
ECM 11	Refrigerator/Freezer Case Electrically Commutated Motors	4,915	0.6	0.0	\$638	\$1,517	\$200	\$1,317	2.1	4,949
ECM 12	Refrigeration Controls	5,047	0.2	0.0	\$655	\$3,348	\$150	\$3,198	4.9	5,082
	Plug Load Equipment Control - Vending Machine	4,836	0.6	0.0	\$649	\$690	\$150	\$540	0.8	4,869
ECM 13	Vending Machine Control	4,836	0.6	0.0	\$649	\$690	\$150	\$540	0.8	4,869
	TOTALS	456,672	124.5	-146.5	\$60,857	\$248,630	\$34,789	\$213,841	3.5	442,708

<sup>\* -</sup> 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.

<sup>\*\* -</sup> Simple Payback Period is based on net measure costs (i.e. after incentives).



Warren Harding Elementary										
#	Energy Conservation Measure	Recommend?	Annual Electric Savings (kWh)	Peak Demand Savings (kW)		Annual Energy Cost Savings (\$)	Estimated Install Cost (\$)	Estimated Incentive (\$)*		Simple Payback Period (yrs)**
Lighting	Upgrades		123,502	36.8	-23	\$17,542	\$66,186	\$13,762	\$52,424	3.0
ECM 1	Install LED Fixtures	Yes	15,106	1.5	0	\$2,167	\$18,611	\$2,000	\$16,611	7.7
ECM 2	Retrofit Fluorescent Fixtures with LED Lamps and Drivers	Yes	430	0.1	0	\$61	\$239	\$30	\$209	3.4
ECM 3	Retrofit Fixtures with LED Lamps	Yes	107,966	35.1	-23	\$15,314	\$47,337	\$11,732	\$35,605	2.3
Lighting	Control Measures		8,138	1.7	-2	\$1,154	\$9,836	\$385	\$9,451	8.2
ECM 4	Install Occupancy Sensor Lighting Controls	Yes	2,423	0.7	-1	\$344	\$4,436	\$385	\$4,051	11.8
ECM 5	Install High/Low Lighting Controls	Yes	5,716	0.9	-1	\$811	\$5,400	\$0	\$5,400	6.7
Variable	Frequency Drive (VFD) Measures		69,006	16.5	0	\$9,898	\$53,881	\$1,760	\$52,121	5.3
ECM 6	Install VFDs on Constant Volume (CV) Fans	Yes	20,279	6.5	0	\$2,909	\$22,635	\$1,760	\$20,875	7.2
ECM 7	Install VFDs on Chilled Water Pumps	Yes	16,242	5.8	0	\$2,330	\$14,082	\$0	\$14,082	6.0
ECM 8	Install VFDs on Heating Water Pumps	Yes	32,484	4.2	0	\$4,660	\$17,164	\$0	\$17,164	3.7
Electric	Unitary HVAC Measures		13,233	13.4	0	\$1,898	\$124,107	\$6,250	\$117,857	62.1
ECM 9	Install High Efficiency Air Conditioning Units	No	13,233	13.4	0	\$1,898	\$124,107	\$6,250	\$117,857	62.1
Gas Hea	ting (HVAC/Process) Replacement		0	0.0	75	\$577	\$12,126	\$2,400	\$9,726	16.9

No

No

No

Yes

Yes

No

0

726

726

2,462

2,462

1,612

1,612

13,364

13,364

202,258

232,042

ECM 10 Install High Efficiency Furnaces

ECM 13 Install Low-Flow DHW Devices

Food Service & Refrigeration Measures

ECM 11 Implement Demand Control Ventilation (DCV)

ECM 12 Install High Efficiency Gas-Fired Water Heater

ECM 15 Installation of an Energy Management System

**TOTALS (COST EFFECTIVE MEASURES)** 

**TOTALS (ALL MEASURES)** 

HVAC System Improvements

**Domestic Water Heating Upgrade** 

ECM 14 Vending Machine Control

**Custom Measures** 

75

16

16

31

15

16

0

0

287

287

-9

385

\$577

\$228

\$228

\$591

\$471

\$120

\$231

\$231

\$4,118

\$4,118

\$28,946

\$36,238

0.0

0.0

0.0

7.2

7.2

0.0

0.2

0.2

0.0

0.0

55.1

75.8

\$12,126

\$2,719

\$2,719

\$15,950

\$15,714

\$237

\$230

\$230

\$135,750

\$135,750

\$130,370

\$420,786

\$2,400

\$0

\$0

\$544

\$544

\$0

\$50

\$50

\$0

\$0

\$15,957

\$25,150

\$9,726

\$2,719

\$2,719

\$15,407

\$15,170

\$237

\$180

\$180

\$135,750

\$135,750

\$114,413

\$395,636

Emissions Reduction (lbs)

> 15,212 423 106,077 **7,996** 2,380 5,616 **69,488** 20,421 16,356 32,711 **13,325** 13,325

8,812

2,622

2,622

6,110

4,277

1,833

1,623

1,623

47,055

47,055

202,653

278,744

16.9

11.9

11.9

26.1

32.2

2.0

0.8

0.8

33.0

33.0

4.0

10.9

## DAVID BREARLEY MIDDLE/HIGH SCHOOL

#	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 <sub>2</sub> e Emissions Reduction (lbs)
Lighting	Upgrades		160,770	51.0	-33	\$20,592	\$72,097	\$15,587	\$56,510	2.7	158,003
ECM 1	Install LED Fixtures	Yes	2,777	1.8	-1	\$356	\$4,098	\$135	\$3,963	11.1	2,728
	Retrofit Fluorescent Fixtures with LED Lamps and Drivers	Yes	1,012	2.2	0	\$130	\$3,077	\$520	\$2,557	19.7	995
ECM 3	Retrofit Fixtures with LED Lamps	Yes	156,981	47.0	-32	\$20,106	\$64,922	\$14,932	\$49,990	2.5	154,280
Lighting	Control Measures		11,287	2.3	-2	\$1,445	\$15,082	\$670	\$14,412	10.0	11,089
	Install Occupancy Sensor Lighting Controls	Yes	3,969	1.1	-1	\$508	\$6,982	\$670	\$6,312	12.4	3,900
ECM 5	Install High/Low Lighting Controls	Yes	7,318	1.2	-2	\$937	\$8,100	\$0	\$8,100	8.6	7,190
Motor l	Jpgrades		392	0.1	0	\$51	\$1,547	\$0	\$1,547	30.4	395
ECM 6	Premium Efficiency Motors	No	392	0.1	0	\$51	\$1,547	\$0	\$1,547	30.4	395
Variable	Frequency Drive (VFD) Measures		119,359	27.5	0	\$15,483	\$125,515	\$6,320	\$119,195	7.7	120,193
ECM 7	Install VFDs on Constant Volume (CV) Fans	No	86,188	23.4	0	\$11,180	\$109,390	\$6,320	\$103,070	9.2	86,791
ECM 8	Install VFDs on Chilled Water Pumps	Yes	11,057	1.9	0	\$1,434	\$5,375	\$0	\$5,375	3.7	11,134
ECM 9	Install VFDs on Heating Water Pumps	Yes	22,114	2.1	0	\$2,869	\$10,750	\$0	\$10,750	3.7	22,269
Electric	Unitary HVAC Measures		7,518	8.1	0	\$975	\$44,802	\$4,002	\$40,800	41.8	7,571
ECM 10	Install High Efficiency Air Conditioning Units	No	7,518	8.1	0	\$975	\$44,802	\$4,002	\$40,800	41.8	7,571
Electric	Chiller Replacement		15,935	17.8	0	\$2,067	\$145,041	\$15,640	\$129,401	62.6	16,046
ECM 11	Install High Efficiency Chillers	No	15,935	17.8	0	\$2,067	\$145,041	\$15,640	\$129,401	62.6	16,046
Gas Hea	ting (HVAC/Process) Replacement		0	0.0	177	\$1,398	\$31,240	\$4,800	\$26,440	18.9	20,693
ECM 12	Install High Efficiency Furnaces	No	0	0.0	177	\$1,398	\$31,240	\$4,800	\$26,440	18.9	20,693
Domest	ic Water Heating Upgrade		36,000	10.8	-102	\$3,861	\$9,632	\$2,125	\$7,507	1.9	24,282
ECM 13	Install Gas-Fired Booster Water Heater	Yes	36,000	10.8	-125	\$3,681	\$9,288	\$2,125	\$7,163	1.9	21,616
ECM 14	Install Low-Flow DHW Devices	Yes	0	0.0	23	\$180	\$344	\$0	\$344	1.9	2,667
Food Se	rvice & Refrigeration Measures		13,186	1.2	0	\$1,710	\$5,325	\$450	\$4,875	2.8	13,278
ECM 15	Refrigerator/Freezer Case Electrically Commutated Motors	Yes	4,915	0.6	0	\$638	\$1,517	\$200	\$1,317	2.1	4,949
ECM 16	Refrigeration Controls	Yes	5,047	0.2	0	\$655	\$3,348	\$150	\$3,198	4.9	5,082
ECM 17	Vending Machine Control	Yes	3,224	0.4	0	\$418	\$460	\$100	\$360	0.9	3,246
Custom	Measures		26,817	0.0	341	\$6,176	\$221,865	\$0	\$221,865	35.9	66,940
	Installation of an Energy Management System	No	26,817	0.0	341	\$6,176	\$221,865	\$0	\$221,865	35.9	66,940
E	TOTALS (COST EFFECTIVE MEASURES)		254,414	69.4	-138	\$31,912	\$118,260	\$18,832	\$99,428	3.1	240,055
*	TOTALS (ALL MEASURES)		391,263	118.8	380	\$53,759	\$672,146	\$49,594	\$622,552	11.6	438,491

## Solar Energy Generation Potential

	Warren Harding Elementary School	David Brearley Middle/High School
Potential:	HIGH	HIGH
System Potential: (kW)	324	464
Electric Generation: (kWh per year)	386,004	552,796
Displaced Cost: (per year)	\$55,370	\$71,710

### **SREC Registration Program (SRP)**:

http://www.njcleanenergy.com/renewable -energy/programs/solar-renewableenergy-certificates-srec/new-jerseysolar-renewable-energy

## Community Solar Energy Pilot Program:

http://njcleanenergy.com/renewableenergy/programs/community-solar



### 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

**ELIGIBLE SECTORS** 

**INCENTIVE PROGRAMS** 

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

### **Equipment Rebates**:

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

### Whole Buildings:

Pay for Performance

### Energy Generation:

Combined Heat and Power (CHP)

### **OTHER PROGRAMS**



### Renewable Energy Generation:

SREC Registration Program (SRP)

# RECOMMENDED NJCEP INCENTIVES PER BUILDING

Entity Name	Pay For Performance*	SmartStart	СТЕЕР
Warren Harding Elementary School	Х	X	X
David Brearley High/Middle School	Х	X	Х



## 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 80% for UEZ/OZ/ MUNI/K-12 Public Schools up to \$4MM per entity annually

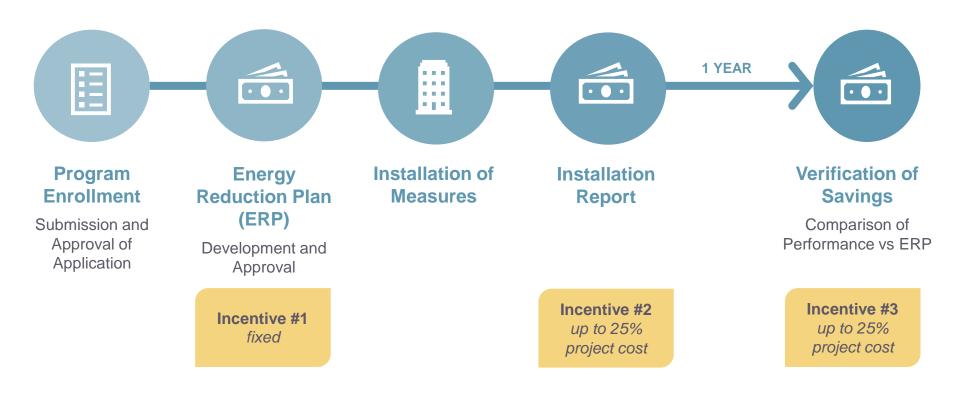
Incentive #2 & #3 are double for UEZ/OZ/ MUNI/K-12 Public

**Schools** 



## PAY FOR PERFORMANCE

NJCleanEnergy.com/P4P





### **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 <u>all</u> 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-dwon to 1 year payback based on incremental cost and savings



### **SMARTSTART**

NJCleanEnergy.com/SSB

### **Prescriptive Incentives**

- Lighting & Lighting Controls
- Packaged HVAC
- Boilers & Water Heaters
- Chillers
- VFD's
- Food Service
- Refrigeration

#### **Prescriptive Only:**

DOUBLE
INCENTIVES FOR
OZ/UEZ/ MUNI/K-12
PUBLIC SCHOOLS

### **Custom Incentives**

- New or innovative technologies proven to be cost-effective and not listed as prescriptive
- Projects must have a minimum first year energy savings of 75,000 kWh or 1,500 therms
- 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:**

- \$250,000 fiscal year entity cap
- Technical assistance incentives for custom project evaluation (up to \$10K)

SAME INCENTIVE VALUES AS SMARTSTART



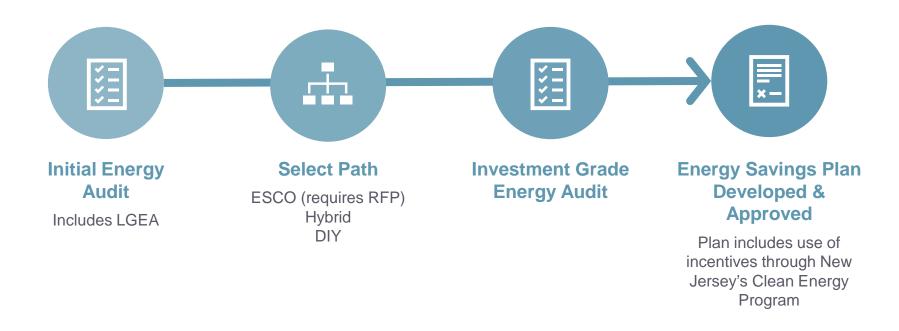
## FINANCING MECHANISM: ESIP

### **ENERGY SAVINGS IMPROVEMENT PROGRAM (ESIP)**

- Provides alternative financing for energy savings projects at public institutions
- Administered directly by the BPU
- Value of energy savings leveraged to pay for cost of EE projects over a 15 year contract
- Requires NO new bonding and is outside of capital budget
- Does not count as debt or require voter approval



## FINANCING MECHANISM: ESIP





# ENERGY SAVINGS IMPROVEMENT PROGRAM (ESIP)

### FOR MORE INFORMATION

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## FOR MORE INFORMATION

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# QUESTIONS



