



LGEA Presentation Manchester Township

January 9, 2025

New Jersey's Clean Energy Program

Lighting the way to New Jersey's Clean Energy Future

INTRODUCTIONS

- Manchester Township
 - Joseph Veni

- NJ Clean Energy Program
 - Sarah Walters LGEA Project Manager
 - Moussa Traore LGEA Technical Manager
 - Sabin Wagle LGEA Project Auditor
 - Amanda Muench LGEA Account Manager



Agenda

- The audit process overview
- Energy use & existing conditions
- Review of Energy Conservation Measures (ECMs) identified & other recommendations
- Energy Savings Improvement Program (ESIP)
- Energy Efficiency Incentive Programs
- Questions regarding the draft audit report
- Next steps for Manchester Township



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:

- Building Envelope
- Lighting System
- HVAC and Mechanical Systems
- Plug Load Equipment
- Process Equipment

Utility Consumption:

- Electric Consumption and Costs
- Natural Gas Consumption and Costs
- Fuel Oil Consumption and Costs
- Water Consumption and Costs



Sites Visited/Analyzed

- Municipal Building
- Treatment Facility 3 & 6
- Well 11, 6, 7
- Treatment Facility Plant 7
- Water Treatment Plant 5
- Operations Dept.
- Well 12, 10, 11,
- Public Works Main Building
- Pole Barn 1, 2, 4, and 4

UTILITY BREAKOUT

Percent of Total Annual Energy Costs

Pre & Post Implementation Cost





Benchmarking



Site Name	Energy Star Score
Municipal Building	N/A
Treatment Facility 7	N/A
Treatment Plant 3 & 6	N/A
Operations Office and Treatment 5 (Wells 10, 11, 12)	N/A
Public Works and Pole Barn 1,2,3,4	N/A

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.

Professional Engineer or Registered Architect Stamp (if applicable)

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)**	CO ₂ e Emissions Reduction (Ibs)
Lighting	Upgrades	40,690	9.9	-3.5	\$5,284	\$26,140	\$3,690	\$22,450	4.2	40,464
ECM 1	Install LED Fixtures	13,638	0.4	-0.4	\$1,814	\$7,190	\$910	\$6,280	3.5	13,692
ECM 2	Retrofit Fluorescent Fixtures with LED Lamps and Drivers	6,897	2.6	-1.2	\$878	\$4,820	\$340	\$4,480	5.1	6,762
ECM 3	Retrofit Fixtures with LED Lamps	20,155	6.9	-2.0	\$2,593	\$14,130	\$2,440	\$11,690	4.5	20,009
Lighting	Control Measures	37,598	8.0	-7.7	\$4,673	\$31,050	\$6,490	\$24,560	5.3	36,917
ECM 4	Install Occupancy Sensor Lighting Controls	32,468	7.0	-6.6	\$4,039	\$25,430	\$3,180	\$22,250	5.5	31,883
ECM 5	Install High/Low Lighting Controls	5,131	1.0	-1.1	\$634	\$5,620	\$3,310	\$2,310	3.6	5,034
Variable	Frequency Drive (VFD) Measures	319,345	59.8	0.0	\$41,462	\$288,700	\$8,200	\$280,500	6.8	321,578
ECM 6	Install VFD on Variable Air Volume (VAV) Fans	47,895	9.0	0.0	\$6,227	\$48,700	\$2,800	\$45,900	7.4	48,230
ECM 7	Install VFDs on Process Pumps	271,450	50.8	0.0	\$35,235	\$240,000	\$5,400	\$234,600	6.7	273,347
Unitary	HVAC Measures	26,053	17.3	0.0	\$3,323	\$161,900	\$6,900	\$155,000	46.6	26,235
ECM 8	Install High Efficiency Air Conditioning Units	21,612	13.3	0.0	\$2,759	\$133,500	\$5,900	\$127,600	46.2	21,764
ECM 9	Install High Efficiency Heat Pumps	4,441	3.9	0.0	\$563	\$28,400	\$1,000	\$27,400	48.6	4,472
HVAC S	ystem Improvements	0	0.0	72.1	\$1,207	\$2,010	\$220	\$1,790	1.5	8,439
ECM 10	Install Pipe Insulation	0	0.0	72.1	\$1,207	\$2,010	\$220	\$1,790	1.5	8,439
Domest	ic Water Heating Upgrade	1,562	0.0	13.7	\$463	\$470	\$200	\$270	0.6	3,174
ECM 11	Install Low-Flow DHW Devices	1,562	0.0	13.7	\$463	\$470	\$200	\$270	0.6	3,174
Food Se	rvice & Refrigeration Measures	3,034	0.3	0.0	\$385	\$4,670	\$250	\$4,420	11.5	3,055
ECM 12	Replace Refrigeration Equipment	1,422	0.2	0.0	\$180	\$4,400	\$200	\$4,200	23.3	1,432
ECM 13	Vending Machine Control	1,612	0.2	0.0	\$204	\$270	\$50	\$220	1.1	1,623
	TOTALS (ALL MEASURES)	428,282	95.3	74.5	\$56,798	\$514,940	\$25,950	\$488,990	8.6	439,861

* - 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.

COST EFFECTIVE OPPORTUNITIES

Savings Potential





COST EFFECTIVE 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)**	CO ₂ e Emissions Reduction (Ibs)
Lighting	Upgrades	40,690	9.9	-3.5	\$5,284	\$26,140	\$3,690	\$22,450	4.2	40,464
ECM 1	Install LED Fixtures	13,638	0.4	-0.4	\$1,814	\$7,190	\$910	\$6,280	3.5	13,692
ECM 2	Retrofit Fluorescent Fixtures with LED Lamps and Drivers	6,897	2.6	-1.2	\$878	\$4,820	\$340	\$4,480	5.1	6,762
ECM 3	Retrofit Fixtures with LED Lamps	20,155	6.9	-2.0	\$2,593	\$14,130	\$2,440	\$11,690	4.5	20,009
Lighting	Control Measures	37,506	8.0	-7.7	\$4,662	\$30,770	\$6,420	\$24,350	5.2	36,824
ECM 4	Install Occupancy Sensor Lighting Controls	32,468	7.0	-6.6	\$4,039	\$25,430	\$3,180	\$22,250	5.5	31,883
ECM 5	Install High/Low Lighting Controls	5,038	1.0	-1.1	\$623	\$5,340	\$3,240	\$2,100	3.4	4,941
Variable	Frequency Drive (VFD) Measures	319,345	59.8	0.0	\$41,462	\$288,700	\$8,200	\$280,500	6.8	321,578
ECM 6	Install VFD on Variable Air Volume (VAV) Fans	47,895	9.0	0.0	\$6,227	\$48,700	\$2,800	\$45,900	7.4	48,230
ECM 7	Install VFDs on Process Pumps	271,450	50.8	0.0	\$35,235	\$240,000	\$5,400	\$234,600	6.7	273,347
HVAC Sy	rstem Improvements	0	0.0	72.1	\$1,207	\$2,010	\$220	\$1,790	1.5	8,439
ECM 10	Install Pipe Insulation	0	0.0	72.1	\$1,207	\$2,010	\$220	\$1,790	1.5	8,439
Domest	ic Water Heating Upgrade	1,562	0.0	13.7	\$463	\$470	\$200	\$270	0.6	3,174
ECM 11	Install Low-Flow DHW Devices	1,562	0.0	13.7	\$463	\$470	\$200	\$270	0.6	3,174
Food Se	rvice & Refrigeration Measures	1,612	0.2	0.0	\$204	\$270	\$50	\$220	1.1	1,623
ECM 13	Vending Machine Control	1,612	0.2	0.0	\$204	\$270	\$50	\$220	1.1	1,623
	TOTALS	400,715	77.9	74.5	\$53,283	\$348,360	\$18,780	\$329,580	6.2	412,101

* - 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

MUNICIPAL BUILDING & POLICE

#	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		10,397	2.1	-1	\$1,294	\$6,740	\$750	\$5,990	4.6	10,295
ECM 1	Install LED Fixtures	Yes	4,515	0.4	0	\$567	\$2,860	\$300	\$2,560	4.5	4,505
ECM 2	Retrofit Fluorescent Fixtures with LED Lamps and Drivers	Yes	1,386	0.3	0	\$171	\$650	\$70	\$580	3.4	1,362
ECM 3	Retrofit Fixtures with LED Lamps	Yes	4,496	1.4	-1	\$556	\$3,230	\$380	\$2,850	5.1	4,429
Lighting	Control Measures		31,705	6.0	-7	\$3,912	\$21,660	\$5,350	\$16,310	4.2	31,150
ECM 4	Install Occupancy Sensor Lighting Controls	Yes	26,878	5.0	-6	\$3,316	\$16,600	\$2,180	\$14,420	4.3	26,408
ECM 5	Install High/Low Lighting Controls	Yes	4,827	0.9	-1	\$596	\$5,060	\$3,170	\$1,890	3.2	4,743
Variable	Frequency Drive (VFD) Measures		34,211	4.6	0	\$4,340	\$35,300	\$800	\$34,500	8.0	34,451
ECM 6	Install VFD on Variable Air Volume (VAV) Fans	Yes	34,211	4.6	0	\$4,340	\$35,300	\$800	\$34,500	8.0	34,451
Unitary	HVAC Measures		24,434	16.4	0	\$3,099	\$151,100	\$6,400	\$144,700	46.7	24,605
ECM 7	Install High Efficiency Air Conditioning Units	No	19,993	12.5	0	\$2,536	\$122,700	\$5,400	\$117,300	46.3	20,133
ECM 8	Install High Efficiency Heat Pumps	No	4,441	3.9	0	\$563	\$28,400	\$1,000	\$27,400	48.6	4,472
HVAC S	ystem Improvements		0	0.0	71	\$1,182	\$1,870	\$200	\$1,670	1.4	8,360
ECM 9	Install Pipe Insulation	Yes	0	0.0	71	\$1,182	\$1,870	\$200	\$1,670	1.4	8,360
Domest	ic Water Heating Upgrade		875	0.0	12	\$311	\$370	\$170	\$200	0.6	2,299
ECM 10	Install Low-Flow DHW Devices	Yes	875	0.0	12	\$311	\$370	\$170	\$200	0.6	2,299
Food Se	rvice & Refrigeration Measures		3,034	0.3	0	\$385	\$4,670	\$250	\$4,420	11.5	3,055
ECM 11	Replace Refrigeration Equipment	No	1,422	0.2	0	\$180	\$4,400	\$200	\$4,200	23.3	1,432
ECM 12	Vending Machine Control	Yes	1,612	0.2	0	\$204	\$270	\$50	\$220	1.1	1,623
	TOTALS (COST EFFECTIVE MEASURES)		78,800	12.8	75	\$11,243	\$66,210	\$7,320	\$58,890	5.2	88,179
	TOTALS (ALL MEASURES)		104,656	29.4	75	\$14,523	\$221,710	\$13,920	\$207,790	14.3	114,215

* - 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.

TREATMENT FACILITY 3, 6, 7

#	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 (Ibs)
Lighting	Upgrades		8,189	1.7	0	\$1,093	\$6,250	\$1,120	\$5,130	4.7	8,247
ECM 1	Install LED Fixtures	Yes	2,575	0.0	0	\$344	\$1,970	\$300	\$1,670	4.9	2,593
ECM 2	Retrofit Fluorescent Fixtures with LED Lamps and Drivers	Yes	491	0.2	0	\$66	\$330	\$40	\$290	4.4	494
ECM 3	Retrofit Fixtures with LED Lamps	Yes	5,123	1.5	0	\$684	\$3,950	\$780	\$3,170	4.6	5,159
Lighting	Control Measures		1,511	0.5	0	\$202	\$2,490	\$290	\$2,200	10.9	1,521
ECM 4	Install Occupancy Sensor Lighting Controls	Yes	1,511	0.5	0	\$202	\$2,490	\$290	\$2,200	10.9	1,521
Variable	e Frequency Drive (VFD) Measures		96,241	12.4	0	\$12,845	\$77,800	\$5,400	\$72,400	5.6	96,914
ECM 5	Install VFDs on Process Pumps	Yes	96,241	12.4	0	\$12,845	\$77,800	\$5,400	\$72,400	5.6	96,914
Domest	ic Water Heating Upgrade		687	0.0	0	\$92	\$60	\$20	\$40	0.4	692
ECM 6	Install Low-Flow DHW Devices	Yes	687	0.0	0	\$92	\$60	\$20	\$40	0.4	692
	TOTALS (COST EFFECTIVE MEASURES)		106,628	14.6	0	\$14,232	\$86,600	\$6,830	\$79,770	5.6	107,373
	TOTALS (ALL MEASURES)		106,628	14.6	0	\$14,232	\$86,600	\$6,830	\$79,770	5.6	107,373

* - 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.

TREATMENT FACILITY 5, 6, OPERATIONS OFFICE

#	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		10,107	4.5	0	\$1,292	\$7,220	\$1,260	\$5,960	4.6	10,177
ECM 1	Retrofit Fluorescent Fixtures with LED Lamps and Drivers	Yes	2,884	1.3	0	\$368	\$2,040	\$230	\$1,810	4.9	2,904
ECM 2	Retrofit Fixtures with LED Lamps	Yes	7,223	3.2	0	\$923	\$5,180	\$1,030	\$4,150	4.5	7,273
Lighting	Control Measures		1,966	0.9	0	\$251	\$4,180	\$500	\$3,680	14.6	1,980
ECM 3	Install Occupancy Sensor Lighting Controls	Yes	1,873	0.8	0	\$239	\$3,900	\$430	\$3,470	14.5	1,887
ECM 4	Install High/Low Lighting Controls	No	92	0.0	0	\$12	\$280	\$70	\$210	17.8	93
Variable	Frequency Drive (VFD) Measures		175,209	38.4	0	\$22,390	\$162,200	\$0	\$162,200	7.2	176,434
ECM 5	Install VFDs on Process Pumps	Yes	175,209	38.4	0	\$22,390	\$162,200	\$0	\$162,200	7.2	176,434
HVAC Sy	stem Improvements		0	0.0	1	\$26	\$140	\$20	\$120	4.7	79
ECM 6	Install Pipe Insulation	Yes	0	0.0	1	\$26	\$140	\$20	\$120	4.7	79
Domest	c Water Heating Upgrade		0	0.0	2	\$60	\$40	\$10	\$30	0.5	183
ECM 7	Install Low-Flow DHW Devices	Yes	0	0.0	2	\$60	\$40	\$10	\$30	0.5	183
	TOTALS (COST EFFECTIVE MEASURES)		187,189	43.7	2	\$24,006	\$173,500	\$1,720	\$171,780	7.2	188,759
	TOTALS (ALL MEASURES)		187,281	43.8	2	\$24,018	\$173,780	\$1,790	\$171,990	7.2	188,852

* - 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.

PUBLIC WORKS & POLE BARNS

#	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		11,998	1.6	-2	\$1,606	\$5,930	\$560	\$5,370	3.3	11,745
ECM 1	Install LED Fixtures	Yes	6,548	0.0	0	\$903	\$2,360	\$310	\$2 <i>,</i> 050	2.3	6,594
ECM 2	Retrofit Fluorescent Fixtures with LED Lamps and Drivers	Yes	2,136	0.8	-1	\$273	\$1,800	\$0	\$1,800	6.6	2,002
ECM 3	Retrofit Fixtures with LED Lamps	Yes	3,313	0.7	-1	\$430	\$1,770	\$250	\$1,520	3.5	3,149
Lighting	Control Measures		2,417	0.7	-1	\$309	\$2,720	\$350	\$2,370	7.7	2,265
ECM 4	Install Occupancy Sensor Lighting Controls	Yes	2,206	0.7	-1	\$282	\$2,440	\$280	\$2,160	7.7	2,067
ECM 5	Install High/Low Lighting Controls	Yes	211	0.0	0	\$27	\$280	\$70	\$210	7.8	198
Variable	Frequency Drive (VFD) Measures		13,684	4.5	0	\$1,888	\$13,400	\$2,000	\$11,400	6.0	13,780
ECM 6	Install VFD on Variable Air Volume (VAV) Fans	Yes	13,684	4.5	0	\$1,888	\$13,400	\$2,000	\$11,400	6.0	13,780
Unitary	HVAC Measures		1,619	0.9	0	\$223	\$10,800	\$500	\$10,300	46.1	1,631
ECM 7	Install High Efficiency Air Conditioning Units	No	1,619	0.9	0	\$223	\$10,800	\$500	\$10,300	46.1	1,631
	TOTALS (COST EFFECTIVE MEASURES)		28,098	6.7	-3	\$3,802	\$22,050	\$2,910	\$19,140	5.0	27,790
	TOTALS (ALL MEASURES)		29,718	7.6	-3	\$4,025	\$32,850	\$3,410	\$29,440	7.3	29,420

* - 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.

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 Best Practices by building



WATER BEST PRACTICES





- Leak Detection and Repair
- Toilets and Urinals
- Faucets and Showerheads
- Commercial Kitchen
 Equipment
- Laundry Equipment
- Cooling Towners
- Steam Boiler System
- Pools and Spas

- Laboratory and Medical Equipment
- Water Metering and Submetering
- Vehicle Washing
- Single Pass Cooling System
- Landscaping and Irrigation
- On-Site Alternative Water Sources

See individual reports for specific Water Best Practices by building



MEASURES FOR FUTURE CONSIDERATION

- Replace Building Automation System
- Upgrade to a Heat Pump System
- VRF Systems
- Replace Smooth V-Belts with Notched or Synchronous Belts



EV CHARGING STATION POTENTIAL

NJCleanEnergy.com/EV



Manchester Township

Existing EV Charging Stations

- -

SOLAR ENERGY GENERATION POTENTIAL

NJCleanEnergy.com/renewable-energy

	Municipal Bldg
Potential:	HIGH
System Potential: (kW)	133
Electric Generation: (kWh per year)	158,452
Displaced Cost: (per year)	\$20,100



FINANCING MECHANISM: ESIP

NJCleanEnergy.com/ESIP

ENERGY SAVINGS IMPROVEMENT PROGRAM (ESIP)

- Energy Performance Contracting = NJ ESIP Program
- A creative tool and financing mechanism that allows public entities to make energy efficiency improvements without impacting their budgets
- Administered by the NJBPU
- Project is paid for with the value of its own energy savings
- 2 Options: Lease Purchase Loan or Bond
- 15 or 20 year pay back term
- NJBPU Approved Incentive Programs
 - Utility or NJCEP
- Can be combined with Federal/State Grants
- No upfront capital expenses
- No referendum or impact to tax payers



ENERGY SAVINGS IMPROVEMENT PROGRAM

NJCleanEnergy.com/ESIP





ENERGY SAVINGS IMPROVEMENT PROGRAM

NJCleanEnergy.com/ESIP

FOR MORE INFORMATION

Michelle Rossi ESIP Coordinator ESIP@bpu.nj.gov o: 609.913.6295 c: 609.915.0903



SUSTAINABLE JERSEY – DIRECT PAY



Combining NJBPU Incentives with Direct Pay

Direct Pay (Elective Pay), part of Inflation Reduction Act (IRA), allows tax-exempt entities, including municipalities and school districts, to receive tax credits for clean energy projects.

About Direct Pay

- All eligible projects receive tax credits (not competitive)
- Currently authorized for 10 years
- Projects completed in 2023 are eligible for tax credits until Nov 15 For local governments filing on a calendar year, fiscal year deadline is May 15

Eligible Projects Include

- Renewables solar, geothermal, wind, etc.
- Electric vehicles
- Electric vehicle charging infrastructure (limited)
- · Combined heat and power; Electric storage

Full list of Direct Pay eligible tax credits at https://www.irs.gov/pub/irs-pdf/p5817a.pdf

Direct Pay can be used in other funding sources like	combination with NJBPU incentives.
Example	9
Lightweight EV	\$24,000
NJBPU Clean Fleet Grant	-\$4,000
Direct Pay Tax Credit	-\$7,500
Total cost to entity	\$12,500
Note: Total incentive can not exceed tot	tal project cost.

For more information, visit Sustainable Jersey's <u>Direct Pay Tax Credits page</u>.

C&I ENERGY EFFICIENCY PROGRAMS

NJCleanEnergy.com



UTILITY RUN ENERGY EFFICIENCY PROGRAMS*

NJCleanEnergy.com/Transition

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:

ENERGY MANAGEMENT :

- 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
- Includes the Building Tune-up (BT), Retro-commissioning (RCx), and Strategic Energy Management (SEM) subprograms. These subprograms offer a comprehensive mix of custom energy-savings measures such as basic HVAC tune-ups, building systems tune-ups, controls' calibration, diagnostic testing, and installation of measures to enhance your building's energy performance and savings.

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

*Other programs may be available to you. Check with your Utility Provider to see a full list of offering and what you may be qualified for.

UTILITY RUN ENERGY EFFICIENCY PROGRAMS

JCP&L

Sirajuddin Shaikh - sirshaikh@firstenergycorp.com Tiffany Lewis - TLewis@trccompanies.com

NJNG

Jen Gorka - JGorka@njng.com Michael Mandzik - MMandzik@njng.com



FOR MORE INFORMATION

Sarah Walters – LGEA Project Manager

SWalters@trccompanies.com (732) 589-7372

Moussa Traore – LGEA Technical Manager

MTraore@trccompanies.com (732) 902-1797

Amanda Muench – LGEA Account Manager

AMuench@trccompanies.com (732) 612-9381

Sabin Wagle – LGEA Energy Auditor

SWagle@trccompanies.com (908) 514-2475





THANK YOU

