LGEA Presentation

DEP – Hopatcong State Park & GCB Sites

April 4, 2024

New Jersey's
Clean Energy Program

Lighting the way to New Jersey's Clean Energy Future

INTRODUCTIONS

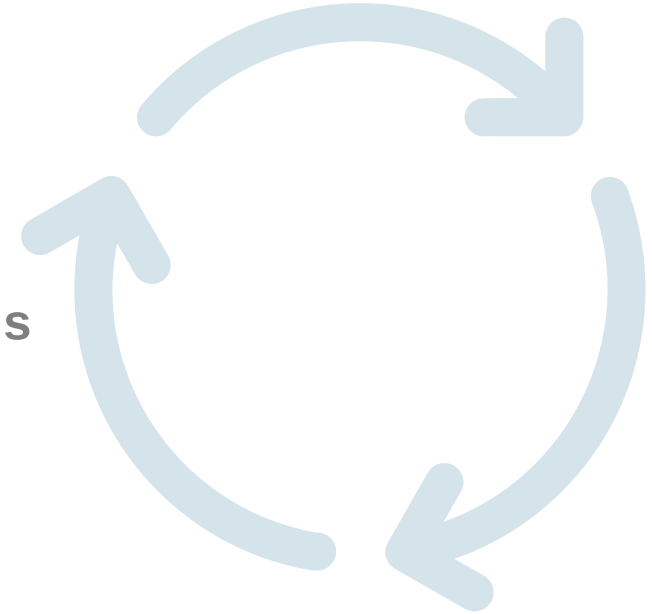
- *DEP – Hopatcong State Park*
  - Jeffrey MacMullen
  - Laura Petrangeli
  - Laura Franek
  - Patrick O'Brien
- *NJ BPU*
  - Alisia Quaccoo
- *NJ Clean Energy Program*
  - Sarah Walters – LGEA Project Manager
  - Moussa Traore – LGEA Technical Manager
  - Juno Romanick – LGEA Project Auditor
- *Utility Energy Efficiency Programs*
  - John Sousa – JCP&L
  - Andrew Doss – JCP&L

AGENDA

- The audit process overview
- Energy use & existing conditions
- Review of **E**nergy **C**onservation **M**easures (ECMs) identified & other recommendations
- Energy Savings Improvement Program (ESIP)
- Energy Efficiency Incentive Programs
- Questions regarding the draft audit report
- Next steps for Hopatcong State Park and GCB Sites

LGEA Process

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



New Jersey's cleanenergy program™

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:

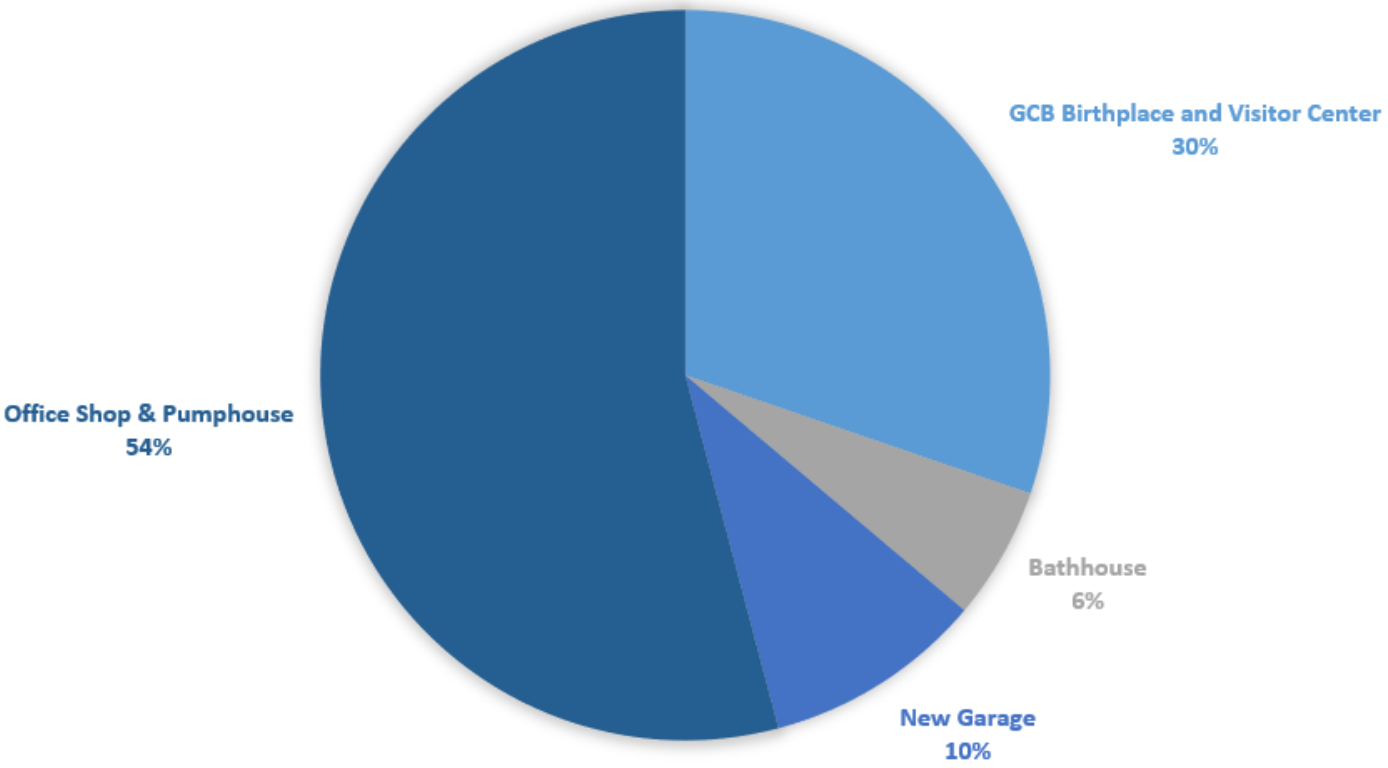
- Electric Consumption and Costs
- Natural Gas Consumption and Costs
- Fuel Oil #2 Consumption and Costs
- Propane Consumption and Costs
- Water Consumption and Costs

Sites Visited/Analyzed

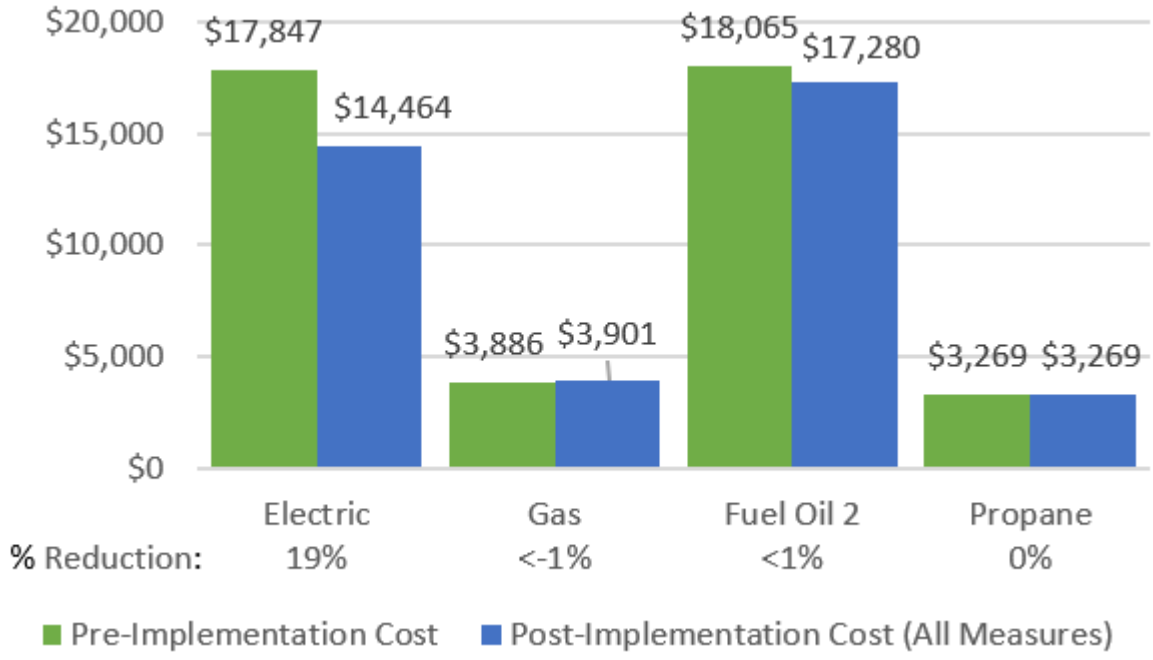
- Bathhouse
- Office/Shop
- Pumphouse / Well
- New Garage
- GCB Birthplace (Museum)
- GCB Visitor Center

Utility Breakout

Percent of Total Annual Energy Costs

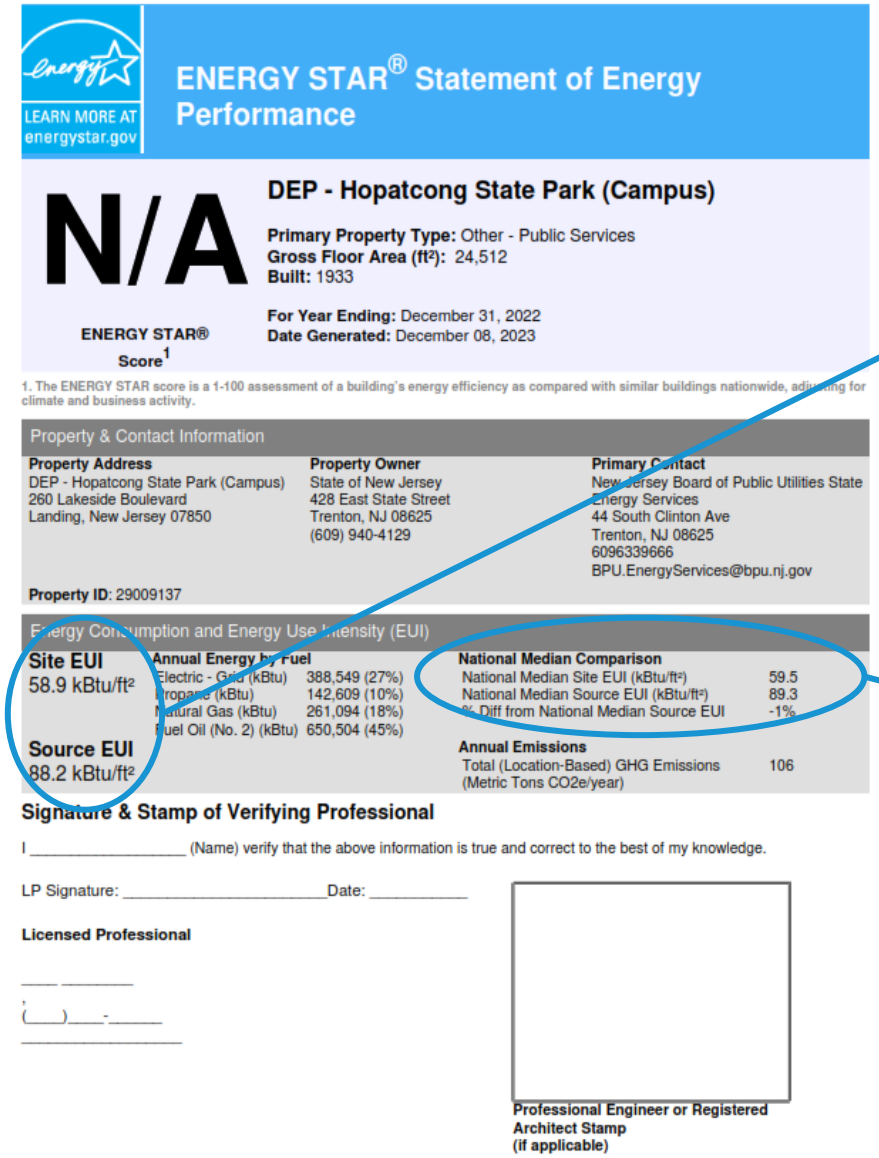


Pre & Post Implementation Cost



New Jersey's cleanenergy program™

BENCHMARKING



ENERGY STAR® Statement of Energy Performance

LEARN MORE AT energystar.gov

N/A

ENERGY STAR® Score[1]

DEP - Hopatcong State Park (Campus)

Primary Property Type: Other - Public Services
Gross Floor Area (ft²): 24,512
Built: 1933

For Year Ending: December 31, 2022
Date Generated: December 08, 2023

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
DEP - Hopatcong State Park (Campus) 260 Lakeside Boulevard Landing, New Jersey 07850	State of New Jersey 428 East State Street Trenton, NJ 08625 (609) 940-4129	New Jersey Board of Public Utilities State Energy Services 44 South Clinton Ave Trenton, NJ 08625 6096339666 BPU.EnergyServices@bpu.nj.gov

Property ID: 29009137

Energy Consumption and Energy Use Intensity (EUI)

Site EUI
58.9 kBtu/ft²

Source EUI
88.2 kBtu/ft²

Annual Energy by Fuel

Electric - Grid (kBtu)	388,549 (27%)
Propane (kBtu)	142,609 (10%)
Natural Gas (kBtu)	261,094 (18%)
Fuel Oil (No. 2) (kBtu)	650,504 (45%)

National Median Comparison

National Median Site EUI (kBtu/ft²)	59.5
National Median Source EUI (kBtu/ft²)	89.3
% Diff from National Median Source EUI	-1%

Annual Emissions

Total (Location-Based) GHG Emissions (Metric Tons CO2e/year)	106

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

___ _____
,
(___)___-____
_____

Professional Engineer or Registered Architect Stamp (if applicable)

Site EUI
58.9 kBtu/ft²

Source EUI
88.2 kBtu/ft²

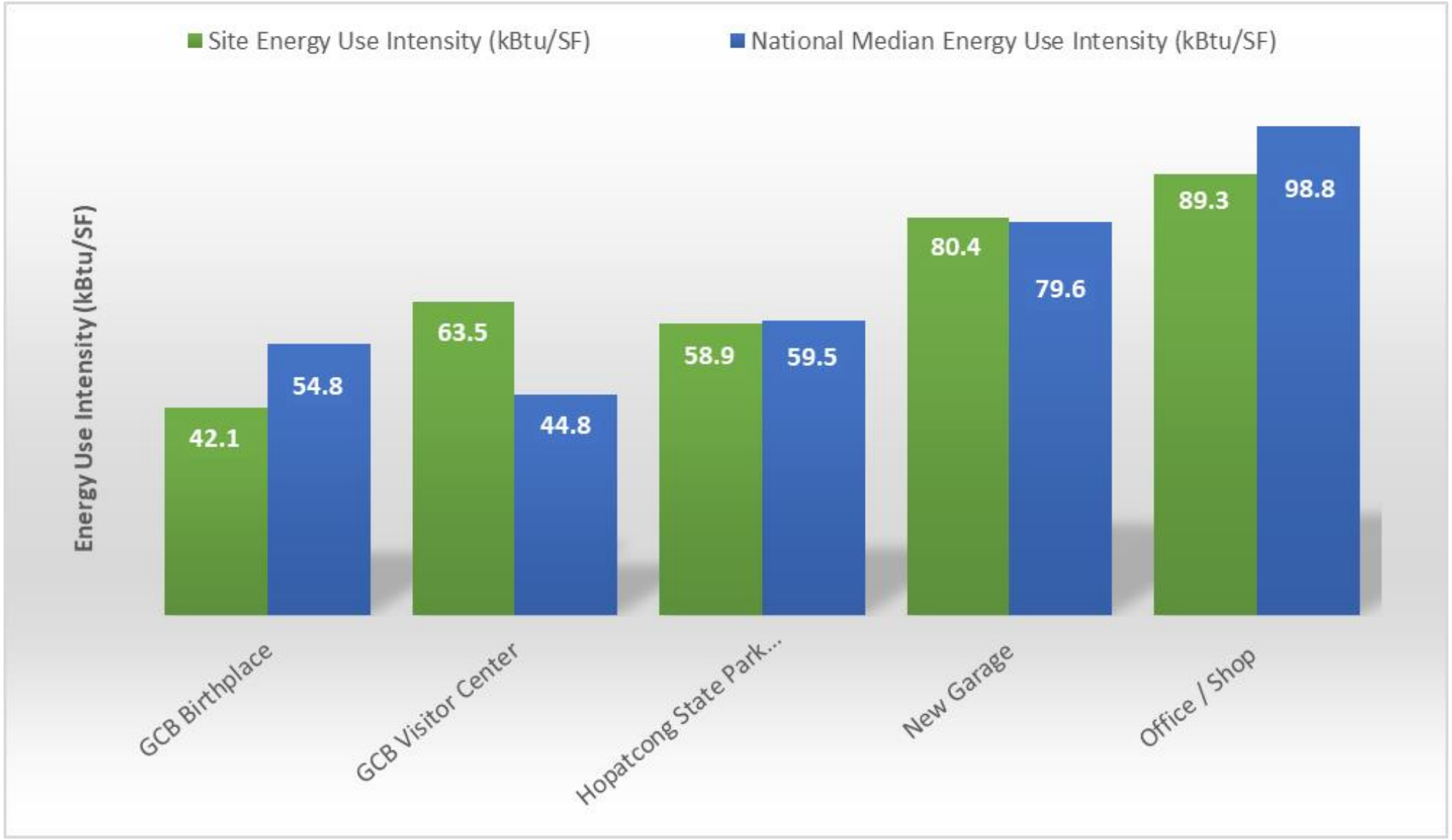
National Median Comparison

National Median Site EUI (kBtu/ft²)	59.5
National Median Source EUI (kBtu/ft²)	89.3
% Diff from National Median Source EUI	-1%

Site Name	ENERGY STAR® Score
Hopatcong State Park - Campus	N/A
Office / Shop & Pumphouse	57
New Garage	N/A
Grover Cleveland Birthplace (Museum)	N/A
Grover Cleveland Birthplace Visitor Center	N/A

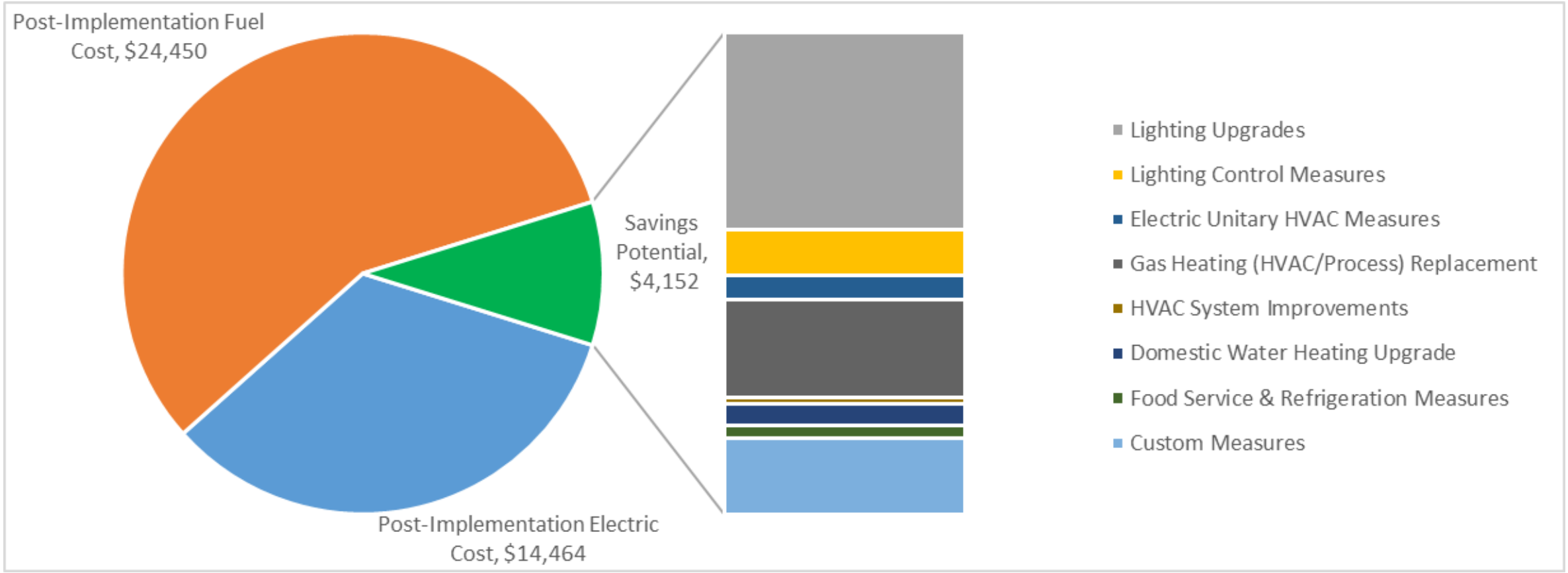
ENERGY STAR® scores are percentile ranking from 1 (least efficient) to 100 (most efficient). It compares your building's energy performance to similar buildings nationwide.

BENCHMARKING



All Opportunities

Savings Potential



ALL OPPORTUNITIES

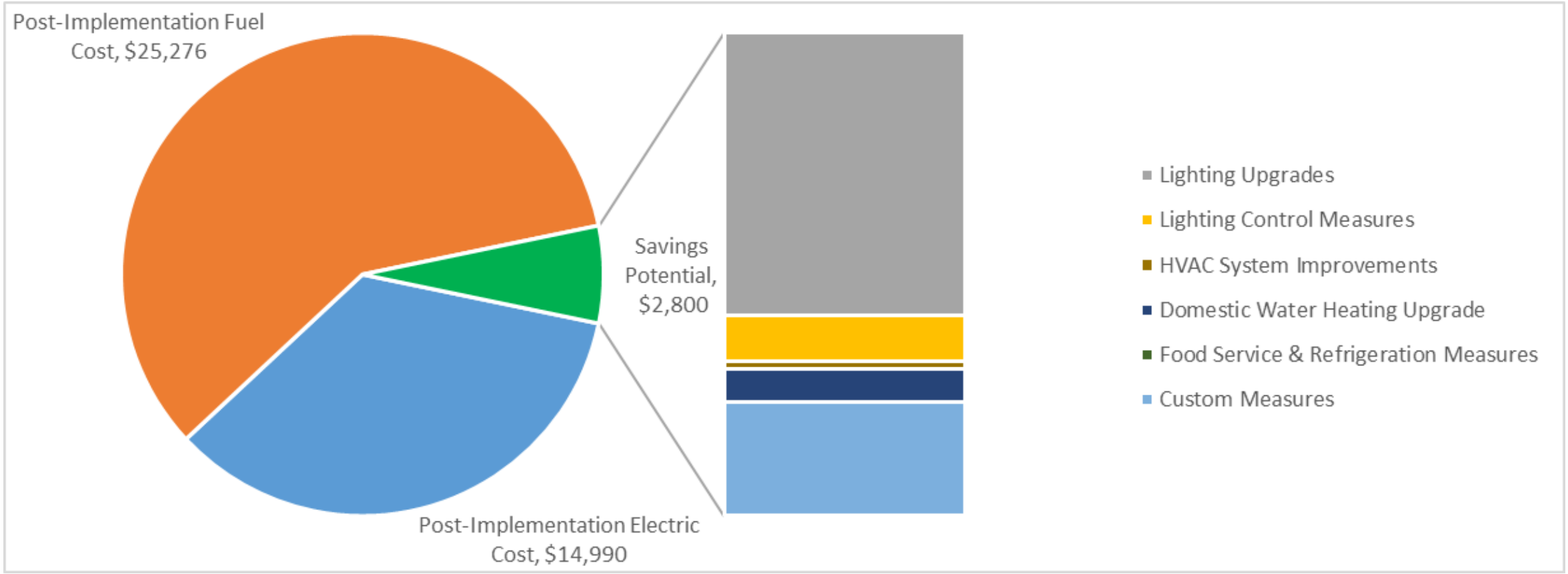
#	Energy Conservation Measure	Annual Electric Savings (kWh)	Peak Demand Savings (kW)	Annual Fuel Savings (MMBtu)	Annual Energy Cost Savings ($)	Estimated M&L Cost ($)	Estimated Incentive ($)*	Estimated Net M&L Cost ($)	Simple Payback Period (yrs)**	CO_2e Emissions Reduction (lbs)
Lighting Upgrades		**10,192**	**4.8**	**-2.2**	**$1,700**	**$10,560**	**$1,690**	**$8,870**	**5.2**	**9,941**
ECM 1	Install LED Fixtures	2,861	0.0	0.0	$497	$4,620	$700	$3,920	7.9	2,881
ECM 2	Retrofit Fluorescent Fixtures with LED Lamps and Drivers	1,315	1.3	-0.5	$218	$2,090	$320	$1,770	8.1	1,247
ECM 3	Retrofit Fixtures with LED Lamps	6,017	3.5	-1.7	$985	$3,850	$670	$3,180	3.2	5,813
Lighting Control Measures		**2,404**	**1.2**	**-0.6**	**$394**	**$9,640**	**$1,840**	**$7,800**	**19.8**	**2,330**
ECM 4	Install Occupancy Sensor Lighting Controls	1,890	1.0	-0.5	$310	$8,160	$1,100	$7,060	22.8	1,833
ECM 5	Install High/Low Lighting Controls	513	0.1	-0.1	$84	$1,480	$740	$740	8.8	497
Unitary HVAC Measures		**1,220**	**1.5**	**0.0**	**$203**	**$10,800**	**$500**	**$10,300**	**50.6**	**1,229**
ECM 6	Install High Efficiency Air Conditioning Units	1,220	1.5	0.0	$203	$10,800	$500	$10,300	50.6	1,229
Gas Heating (HVAC/Process) Replacement		**0**	**0.0**	**30.7**	**$849**	**$21,700**	**$1,000**	**$20,700**	**24.4**	**5,021**
ECM 7	Install High Efficiency Hot Water Boilers	0	0.0	30.7	$849	$21,700	$1,000	$20,700	24.4	5,021
HVAC System Improvements		**303**	**0.0**	**0.0**	**$51**	**$200**	**$30**	**$170**	**3.4**	**305**
ECM 8	Install Pipe Insulation	303	0.0	0.0	$51	$200	$30	$170	3.4	305
Domestic Water Heating Upgrade		**1,107**	**0.0**	**0.0**	**$193**	**$160**	**$40**	**$120**	**0.6**	**1,115**
ECM 9	Install Low-Flow DHW Devices	1,107	0.0	0.0	$193	$160	$40	$120	0.6	1,115
Food Service & Refrigeration Measures		**602**	**0.4**	**0.0**	**$107**	**$6,400**	**$500**	**$5,900**	**55.3**	**607**
ECM 10	Replace Refrigeration Equipment	602	0.4	0.0	$107	$6,400	$500	$5,900	55.3	607
Custom Measures		**3,720**	**0.0**	**0.0**	**$656**	**$7,800**	**$0**	**$7,800**	**11.9**	**3,746**
ECM 11	Replace Electric Water Heater with Heat Pump Water Heater	3,720	0.0	0.0	$656	$7,800	$0	$7,800	11.9	3,746
TOTALS (ALL MEASURES)		**19,549**	**7.9**	**27.8**	**$4,152**	**$67,260**	**$5,600**	**$61,660**	**14.9**	**24,295**

* - 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).

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_2e Emissions Reduction (lbs)
Lighting Upgrades		**9,844**	**4.5**	**-2.2**	**$1,638**	**$8,300**	**$1,390**	**$6,910**	**4.2**	**9,591**
ECM 1	Install LED Fixtures	2,567	0.0	0.0	$445	$2,640	$400	$2,240	5.0	2,585
ECM 2	Retrofit Fluorescent Fixtures with LED Lamps and Drivers	1,315	1.3	-0.5	$218	$2,090	$320	$1,770	8.1	1,247
ECM 3	Retrofit Fixtures with LED Lamps	5,963	3.2	-1.7	$975	$3,570	$670	$2,900	3.0	5,759
Lighting Control Measures		**1,608**	**0.5**	**-0.3**	**$263**	**$5,030**	**$890**	**$4,140**	**15.7**	**1,579**
ECM 4	Install Occupancy Sensor Lighting Controls	1,256	0.5	-0.3	$206	$4,470	$540	$3,930	19.1	1,234
ECM 5	Install High/Low Lighting Controls	352	0.1	-0.1	$58	$560	$350	$210	3.6	346
HVAC System Improvements		**303**	**0.0**	**0.0**	**$51**	**$200**	**$30**	**$170**	**3.4**	**305**
ECM 8	Install Pipe Insulation	303	0.0	0.0	$51	$200	$30	$170	3.4	305
Domestic Water Heating Upgrade		**1,107**	**0.0**	**0.0**	**$193**	**$160**	**$40**	**$120**	**0.6**	**1,115**
ECM 9	Install Low-Flow DHW Devices	1,107	0.0	0.0	$193	$160	$40	$120	0.6	1,115
Custom Measures		**3,720**	**0.0**	**0.0**	**$656**	**$7,800**	**$0**	**$7,800**	**11.9**	**3,746**
ECM 11	Replace Electric Water Heater with Heat Pump Water Heater	3,720	0.0	0.0	$656	$7,800	$0	$7,800	11.9	3,746
TOTALS		**16,583**	**5.0**	**-2.6**	**$2,800**	**$21,490**	**$2,350**	**$19,140**	**6.8**	**16,336**

* - 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).

BATHHOUSE

#	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_2e Emissions Reduction (lbs)
Lighting Upgrades			**538**	**0.7**	**0**	**$95**	**$3,040**	**$420**	**$2,620**	**27.5**	**542**
ECM 1	Install LED Fixtures	No	294	0.0	0	$52	$1,980	$300	$1,680	32.2	296
ECM 2	Retrofit Fluorescent Fixtures with LED Lamps and Drivers	Yes	190	0.5	0	$34	$780	$120	$660	19.6	192
ECM 3	Retrofit Fixtures with LED Lamps	No	54	0.3	0	$10	$280	$0	$280	29.4	54
Lighting Control Measures			**66**	**0.2**	**0**	**$12**	**$1,350**	**$200**	**$1,150**	**98.0**	**67**
ECM 4	Install Occupancy Sensor Lighting Controls	No	66	0.2	0	$12	$1,350	$200	$1,150	98.0	67
Domestic Water Heating Upgrade			**581**	**0.0**	**0**	**$103**	**$50**	**$20**	**$30**	**0.3**	**585**
ECM 5	Install Low-Flow DHW Devices	Yes	581	0.0	0	$103	$50	$20	$30	0.3	585
Food Service & Refrigeration Measures			**602**	**0.4**	**0**	**$107**	**$6,400**	**$500**	**$5,900**	**55.3**	**607**
ECM 6	Replace Refrigeration Equipment	No	602	0.4	0	$107	$6,400	$500	$5,900	55.3	607
Custom Measures			**1,779**	**0.0**	**0**	**$315**	**$5,700**	**$0**	**$5,700**	**18.1**	**1,791**
ECM 7	Replace Electric Water Heater with Heat Pump Water Heater	Yes	1,779	0.0	0	$315	$5,700	$0	$5,700	18.1	1,791
TOTALS (COST EFFECTIVE MEASURES)			**2,550**	**0.5**	**0**	**$452**	**$6,530**	**$140**	**$6,390**	**14.1**	**2,568**
TOTALS (ALL MEASURES)			**3,566**	**1.3**	**0**	**$632**	**$16,540**	**$1,140**	**$15,400**	**24.4**	**3,591**

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

OFFICE / SHOP & PUMPHOUSE-WELL

#	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_2e Emissions Reduction (lbs)
Lighting Upgrades			**4,902**	**2.0**	**-1**	**$827**	**$4,680**	**$700**	**$3,980**	**4.8**	**4,740**
ECM 1	Install LED Fixtures	Yes	1,761	0.0	0	$309	$1,840	$200	$1,640	5.3	1,773
ECM 2	Retrofit Fluorescent Fixtures with LED Lamps and Drivers	Yes	1,124	0.8	0	$184	$1,310	$200	$1,110	6.0	1,055
ECM 3	Retrofit Fixtures with LED Lamps	Yes	2,016	1.1	-1	$334	$1,530	$300	$1,230	3.7	1,912
Lighting Control Measures			**729**	**0.5**	**0**	**$120**	**$3,260**	**$750**	**$2,510**	**21.0**	**684**
ECM 4	Install Occupancy Sensor Lighting Controls	No	568	0.4	0	$93	$2,340	$360	$1,980	21.3	533
ECM 5	Install High/Low Lighting Controls	No	161	0.1	0	$26	$920	$390	$530	20.1	151
Gas Heating (HVAC/Process) Replacement			**0**	**0.0**	**31**	**$849**	**$21,700**	**$1,000**	**$20,700**	**24.4**	**5,021**
ECM 6	Install High Efficiency Hot Water Boilers	No	0	0.0	31	$849	$21,700	$1,000	$20,700	24.4	5,021
Domestic Water Heating Upgrade			**213**	**0.0**	**0**	**$37**	**$30**	**$0**	**$30**	**0.8**	**214**
ECM 7	Install Low-Flow DHW Devices	Yes	213	0.0	0	$37	$30	$0	$30	0.8	214
Custom Measures			**1,941**	**0.0**	**0**	**$341**	**$2,100**	**$0**	**$2,100**	**6.2**	**1,955**
ECM 8	Replace Electric Water Heater with Heat Pump Water Heater	Yes	1,941	0.0	0	$341	$2,100	$0	$2,100	6.2	1,955
TOTALS (COST EFFECTIVE MEASURES)			**7,055**	**2.0**	**-1**	**$1,205**	**$6,810**	**$700**	**$6,110**	**5.1**	**6,909**
TOTALS (ALL MEASURES)			**7,784**	**2.4**	**29**	**$2,173**	**$31,770**	**$2,450**	**$29,320**	**13.5**	**12,615**

* - 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).

NEW GARAGE

#	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_2e Emissions Reduction (lbs)
Lighting Upgrades			**1,612**	**0.6**	**0**	**$264**	**$1,700**	**$440**	**$1,260**	**4.8**	**1,575**
ECM 1	Install LED Fixtures	Yes	806	0.0	0	$136	$800	$200	$600	4.4	812
ECM 2	Retrofit Fixtures with LED Lamps	Yes	806	0.6	0	$128	$900	$240	$660	5.2	763
TOTALS (COST EFFECTIVE MEASURES)			**1,612**	**0.6**	**0**	**$264**	**$1,700**	**$440**	**$1,260**	**4.8**	**1,575**
TOTALS (ALL MEASURES)			**1,612**	**0.6**	**0**	**$264**	**$1,700**	**$440**	**$1,260**	**4.8**	**1,575**

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GCB Museum and Visitor Center

#	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_2e Emissions Reduction (lbs)
Lighting Upgrades			**3,140**	**1.5**	**-1**	**$514**	**$1,140**	**$130**	**$1,010**	**2.0**	**3,084**
ECM 1	Retrofit Fixtures with LED Lamps	Yes	3,140	1.5	-1	$514	$1,140	$130	$1,010	2.0	3,084
Lighting Control Measures			**1,608**	**0.5**	**0**	**$263**	**$5,030**	**$890**	**$4,140**	**15.7**	**1,579**
ECM 2	Install Occupancy Sensor Lighting Controls	Yes	1,256	0.5	0	$206	$4,470	$540	$3,930	19.1	1,234
ECM 3	Install High/Low Lighting Controls	Yes	352	0.1	0	$58	$560	$350	$210	3.6	346
Unitary HVAC Measures			**1,220**	**1.5**	**0**	**$203**	**$10,800**	**$500**	**$10,300**	**50.6**	**1,229**
ECM 4	Install High Efficiency Air Conditioning Units	No	1,220	1.5	0	$203	$10,800	$500	$10,300	50.6	1,229
HVAC System Improvements			**303**	**0.0**	**0**	**$51**	**$200**	**$30**	**$170**	**3.4**	**305**
ECM 5	Install Pipe Insulation	Yes	303	0.0	0	$51	$200	$30	$170	3.4	305
Domestic Water Heating Upgrade			**314**	**0.0**	**0**	**$52**	**$80**	**$20**	**$60**	**1.1**	**316**
ECM 6	Install Low-Flow DHW Devices	Yes	314	0.0	0	$52	$80	$20	$60	1.1	316
TOTALS (COST EFFECTIVE MEASURES)			**5,366**	**2.0**	**-1**	**$880**	**$6,450**	**$1,070**	**$5,380**	**6.1**	**5,285**
TOTALS (ALL MEASURES)			**6,586**	**3.5**	**-1**	**$1,083**	**$17,250**	**$1,570**	**$15,680**	**14.5**	**6,514**

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** - 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 Best Practices by building

BPU New Jersey's cleanenergy program™

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

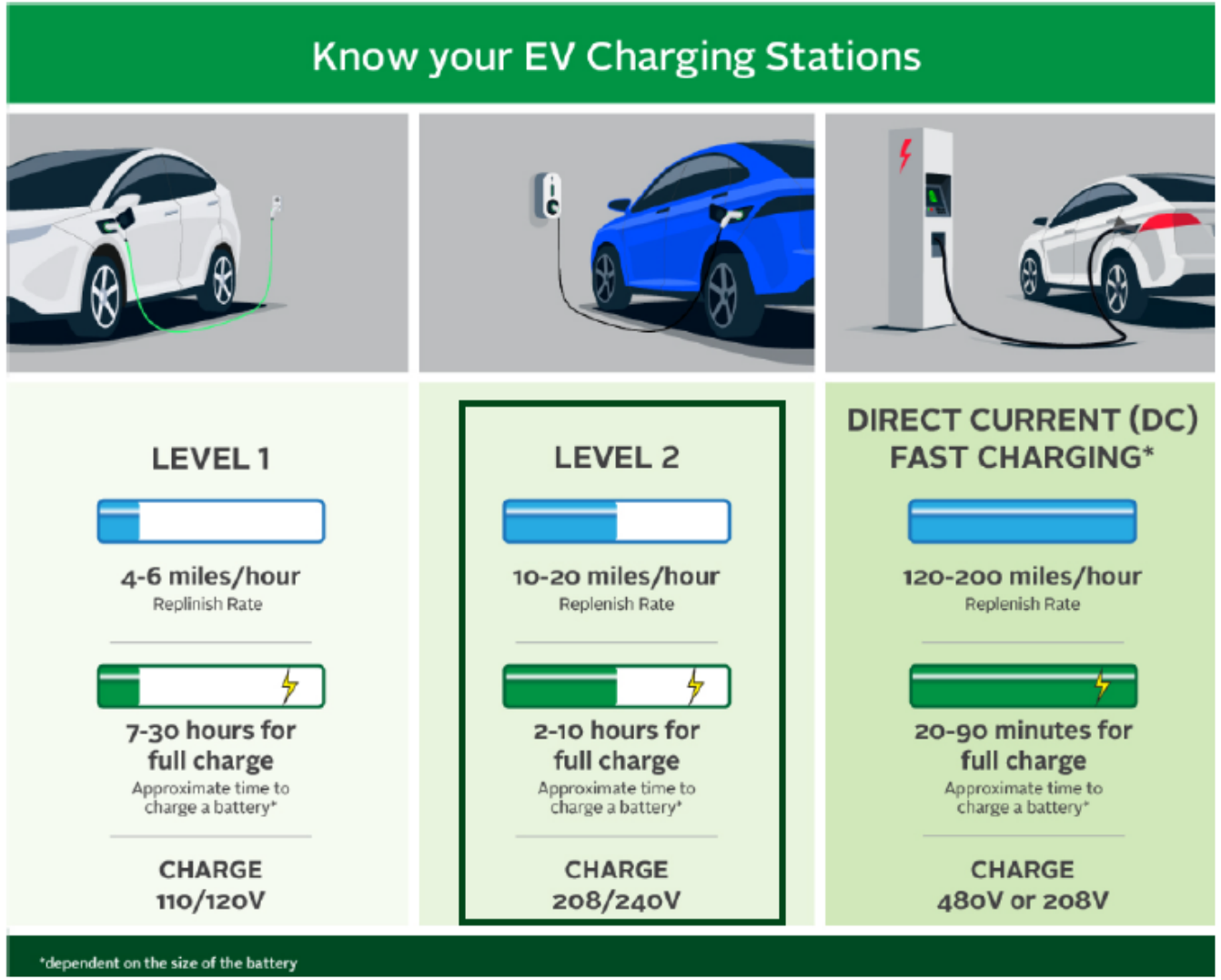
BPU New Jersey's cleanenergy program™

Measures for Future Consideration

- High Speed Insulated Overhead Doors

EV Charging Station Potential

NJCleanEnergy.com/EV



	Hopatcong State Park
Potential:	**Medium / High (Bathhouse)**

FINANCING MECHANISM: ESIP

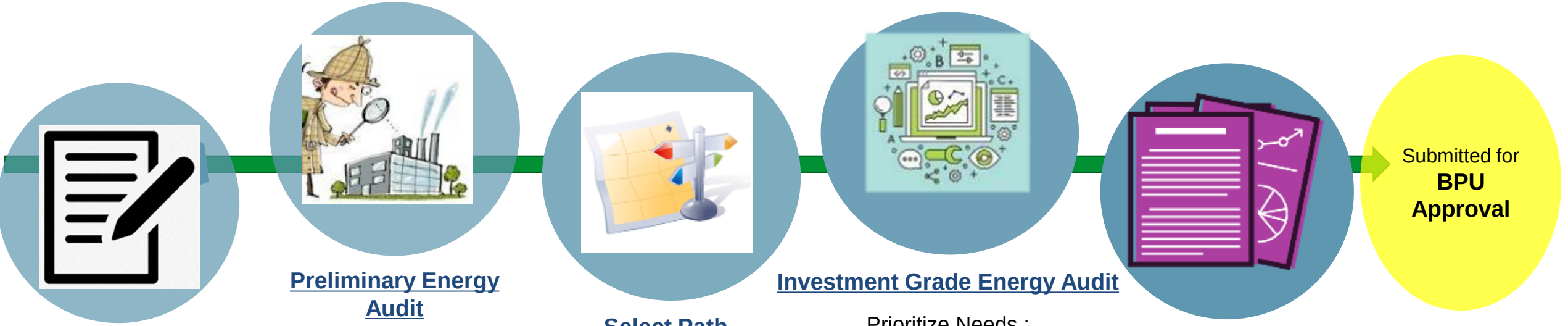
NJCleanEnergy.com/ESIP

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



ESIP Intake Form

Get informed;
Begin the process

Preliminary Energy Audit

Free LGEA
or
other ASHRAE Level II Audit

Select Path

ESCO, Hybrid or DIY Model;
Local Public Contract Law
Public School Contract Law
Compliance

Investment Grade Energy Audit

Prioritize Needs ;
Select Project's ECM's

Energy Savings Plan

Must be Cash Flow Positive;
Purchase Savings Guarantee?
Third Party Verification

Submitted for **BPU Approval**

New Jersey's cleanenergy program™

Energy Savings Improvement Program

NJCleanEnergy.com/ESIP

FOR MORE INFORMATION

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ESIP Coordinator

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o: 609.913.6295

c: 609.915.0903

State Facilities Initiative (SFI)

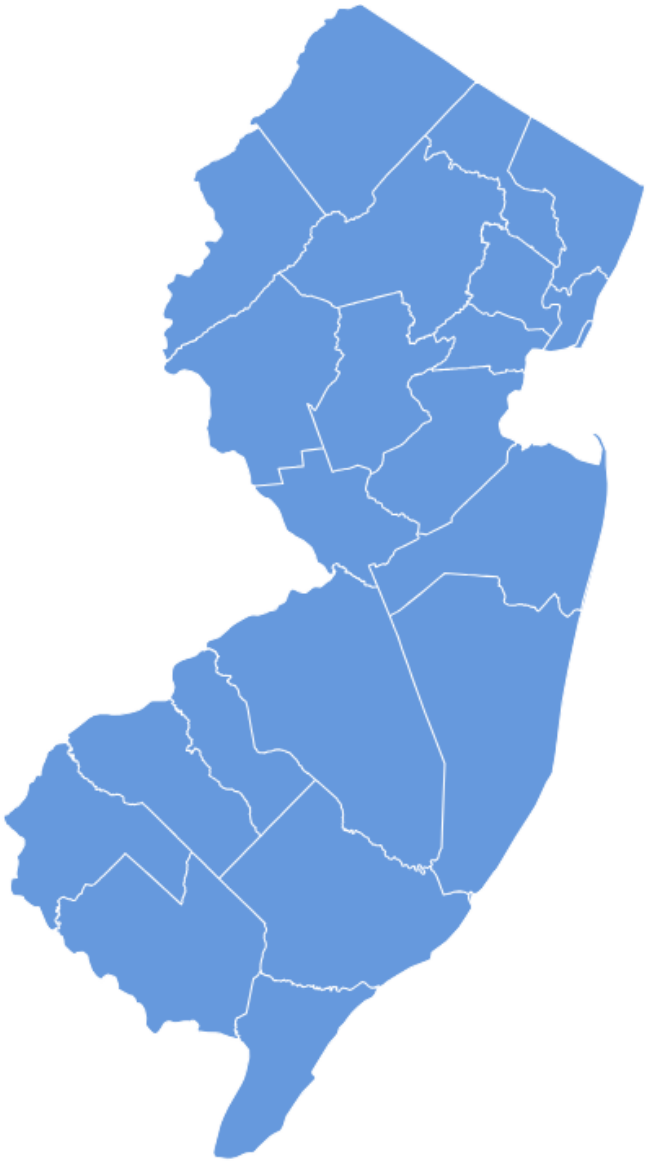
The State Facilities Initiative (SFI)

This program is for State-owned facilities.

The program identifies and implements Energy Efficiency projects in State-owned facilities or State-sponsored projects with the objective of producing energy and cost savings. The funding provided to the SFI is directly in line with EMP Goals 3.3.5 and 4.1.1.

EMP Goal 3.3.5 seeks to "[i]mprove energy efficiency in, and retrofit state buildings to, a high performance standard."

EMP Goal 4.1.1 addresses electrifying State facilities.



C&I Energy Efficiency Programs

NJCleanEnergy.com

LOCAL GOVERNMENT CUSTOMERS

COMMERCIAL & INSTITUTIONAL CUSTOMERS

LARGE ENERGY CUSTOMERS

EXISTING BUILDINGS

MEASUREMENT & AUDITS

FREE Energy Audits

RETROFITS

Prescriptive & Custom Rebates

Direct Install

Engineered Solutions

And more from your local utility!

Incentives up to $4 million for eligible projects

NEW CONSTRUCTION

Prescriptive & Custom Rebates for New Construction and Gut Rehabs

Pay for Performance incentives for buildings over 50,000 sq. ft.

DISTRIBUTED ENERGY RESOURCES

Combined Heat & Power and Fuel Cell Installation Incentives

Microgrid Development

Battery Storage

Muni EV Fleets

New Jersey's cleanenergy program™

Key:

Programs run by investor-owned utility companies

Programs run by NJCEP

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:

- 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

ENERGY MANAGEMENT :

- 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

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PSE&G

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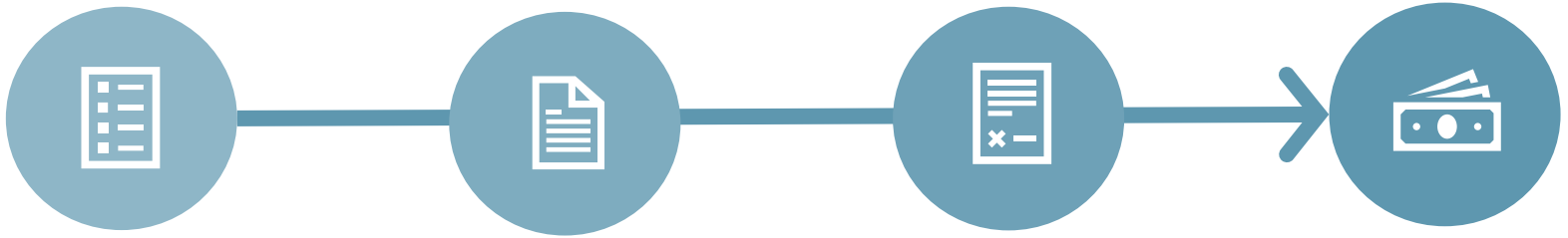
Large Energy Users

NJCleanEnergy.com/LEUP

WHO	Large C&I entities who have paid a minimum of $5,000,000 in the previous 12 months of utility bills
SIZE TO QUALIFY	The average peak demand of all facilities submitted ≥400kW and/or 4,000 DTh
ABOUT	• Encourages large C&I utility customers to self-invest in energy efficiency, combined heat & power, and fuel cell projects • Must have ability to "bank" funds for up to two fiscal years
INCENTIVE CAP	Maximum incentive per entity is the lesser of: • $4 million, • 75% of total project cost, or • 90% of NJCEP contribution or annual energy saving caps ($0.33/kWh and $3.75/therm)

Large Energy Users

NJCleanEnergy.com/LEUP



Program Enrollment

Submission and Approval of Application

Submission of Draft Energy Efficiency Plan

Reservation of Incentives (optional)

Submission of Final Energy Efficiency Plan

Commitment of Incentives

Confirmation of Installation

Incentives Paid

For More Information

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THANK YOU