

# New Jersey's Clean Energy Program

### LGEA Exit Meeting for:

Atlantic Highlands Board of Education

Smruti Srinivasan, TRC

May 22, 2017

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# 1) Dial the following:

#### 1-877-304-9323

### 2) When prompted, enter the code below:

5391398#

## Introductions



- <u>Atlantic Highlands Board of Education</u>
  - Janet Sherlock Business Administrator
- <u>NJ Clean Energy Program TRC</u>
  - Smruti Srinivasan Auditor
  - Jim Friedl Outreach Manager





- Overview of LGEA process (application to deliverable)
- 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 Atlantic Highlands Board of Education



#### **Overview of Systems, Baseline & Existing Conditions:**

- Building Envelope
- Lighting System
- HVAC and Mechanical Systems
- Solar PV

#### **Utility Consumption:**

- Electric Consumption and Costs
- Natural Gas Consumption and Costs

### Atlantic Highlands Elementary School



\* - 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.

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

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#### Some Energy Efficient Practices

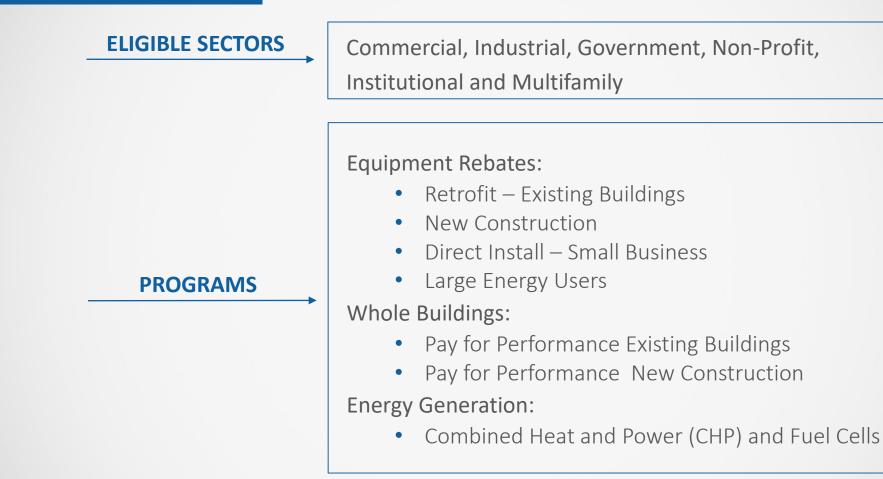
- Reduce Air Leakage
- Close Doors and Windows
- Use Window Treatments/Coverings
- Ensure Lighting Controls Are Operating Properly
- Practice Use of Thermostat Schedules and Temperature Resets
- Perform Proper Water Heater Maintenance
- Install Plug Load Controls
- Water Conservation

See individual reports for specific EE practices by building.

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# **PROGRAM PORTFOLIO**







**Recommended NJCEP Incentives** 

### Direct Install

#### Hutchinson Mechanical Services Ed Hutchinson 856-429-5828 x215 edhutchinson@hutchbiz.com

SmartStart Buildings (i.e Retrofit – Existing Buildings)

# **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- Turn-key retrofit program to replace outdated and inefficient equipment, including lighting, HVAC, refrigeration, etc.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 a peak 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 cap
  - \$250,000 per entity cap
- Participating contractors provide support and process all paperwork
- Fast turnaround time: Average length of time for job completion (4-6 months)

### SmartStart Prescriptive: Overview 🛞



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



### **Direct Install – Financing Option**

- Eligible NJNG customers can <u>finance</u> <u>the remaining 30 percent balance</u> at 0% APR through the "SAVEGREEN Project<sup>®</sup> On-Bill Repayment Program" (OBRP) for 36 months.
- For measures that may not qualify for Direct Install, NJNG also offers financing options for SmartStart that will cover up to \$130,000 per year.





### **Direct Install – Financing Option**

• <u>Questions? Contact Jerry at the following</u>:

#### Jerry Ryan

Energy Efficiency Operations Manager New Jersey Natural Gas 732-433-4362 (cell) 732 378 4920 (office) jryan@njng.com



### Questions



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### FOR MORE INFORMATION

Visit NJCleanEnergy.com

Call (866) NJSMART

Jim Friedl Outreach Manager 732-855-6543 jfriedl@trcsolutions.com