

Clean Energy Future: Energy Efficiency

September 2018

- PSE&G's energy efficiency proposal would greatly reduce carbon dioxide and other emissions equivalent to removing nearly 320,000 cars from New Jersey roads for a year and would put the state on track to meet its greenhouse gas reduction goals.
- Our proposal would save 40.6 million megawatt-hours of electricity and 675 million therms of natural gas.
- The energy efficiency programs would produce \$5.7 billion in gross lifetime savings for customers who participate in the programs.
- The programs would also create about 5,000 jobs.
- Our proposal would more than triple the current, statewide electric energy efficiency savings.



A new approach is needed to move New Jersey ahead

PSE&G's Clean Energy Future energy efficiency filing is a leap forward in the effort to lower utility bills, improve New Jersey's environment and create green jobs that will help drive the economy. This proposal closely aligns with and supports state public policy, including the New Jersey Energy Master Plan, and builds on PSE&G's existing energy efficiency efforts.

PSE&G is proposing to spend nearly \$2.8 billion over six years on 22 energy efficiency programs that will reduce environmental impact and help customers reduce their energy consumption by using energy efficient equipment, technologies and strategies. PSE&G is in a unique position to spread the adoption of energy efficiency measures in New Jersey given its strong customer relationships and proven ability to operate and maintain the electric grid and gas pipelines.

- PSE&G will offer residential customers seven programs that promote the purchase and installation of high-efficiency appliances through up-front rebates and on-bill incentives; provide customers (including income-eligible residential customers) with energy audits and free installation of energy efficiency measures; educate residential builders and developers on energy efficient home design and construction; and, engage K-12 students with energy efficiency awareness education and take-home energy efficiency kits.
- PSE&G will offer commercial customers seven programs that promote the installation of energy efficient equipment; incent

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unique energy efficiency opportunities; provide businesses with opportunities to install energy efficiency measures; advance efficient design and equipment installation for new buildings; and optimize energy consumption in existing buildings. PSE&G also is proposing a high-efficiency street light replacement effort that will use LEDs to upgrade street lights in PSE&G territory and include smart controllers for the lights. The effort will encourage the adoption of a smart cities concept to a limited number of municipalities.

- Eight pilot programs will test and evaluate new energy efficiency technologies and approaches. These include: testing smart home concepts; offering business customers help with intelligent building equipment and software; assessing whether energy efficiency initiatives can alleviate the need for costly infrastructure investments; testing smart grid technology; driving energy conservation behavior and generating interest in other PSE&G efficiency programs; and implementing training programs for facility managers.

Customers
who PARTICIPATE
WILL
SAVE \$5.7
BILLION
in energy costs

A long history of promoting energy efficiency

PSE&G has been a pacesetter in helping customers reduce their bills by consuming less energy, saving millions.

- Since 2009, its energy efficiency programs have saved 250 million kilowatt hours of electricity and eight million therms of gas. The reduction in emissions from this savings is the same as removing more than 30,000 cars from the road for a year.
- Since 2009, PSE&G's energy efficiency efforts have saved customers about \$130 million in energy costs.
- 34 health care facilities have saved \$30 million in energy costs.
- 1,500 government, non-profit and small business facilities have saved \$50 million in energy costs.
- 800 multifamily buildings with 20,000 apartments have saved \$5 million in energy costs.
- Our Smart Thermostat Rebate Program offers PSE&G customers a \$150 discount on popular smart thermostats.
- Our MyEnergy reports use a variety of data to analyze residential customers' energy consumption, identify energy savings opportunities and provide customized recommendations to lower their energy bills.
- PSE&G also helps low income households become more energy efficient by teaming with the New Jersey Board of Public Utilities to administer its free energy saving and energy education Comfort Partners Program.