

2016 Energy Efficiency Annual Plan Docket No. 4580

nationalgrid



Presentation to the Rhode Island Public Utilities Commission
December 2, 2015

Customers save energy

nationalgrid



Stop & Shop in Cumberland completed retrofits in 2015. Pictures of Stop & Shop retrofits from Northeast Energy Efficiency Partnership

- Smart Lighting Demonstration Project at the PUC
- Participating in Department of Energy (DOE) funded pilot for smart lighting
- Light Emitting Diode (LED) luminaires with fully integrated controls including daylight sensors, occupancy sensors and network controls
- >40% electric energy savings projected for the building and improved quality of light



Customers save energy

nationalgrid





Get energy-saving CFL bulbs at a better price.

Compared to standard bulbs, CFLs:

- Use up to 75% less energy
- Last up to 10 times longer
- Save up to \$50 over the life of the bulb

www.ngrid.com/rilight

These programs are funded by the energy efficiency charge on all customers' gas and electric bills, in accordance with Rhode Island law.

Obtenga bombillas CFL de bajo consumo a un mejor precio.

Comparedas con las bombillas estándar, las bombillas CFL brindan los siguientes beneficios:

- Consumen 75% menos energía eléctrica
- Duran 10 veces más
- Ahorran hasta \$50 durante su vida útil

www.ngrid.com/rilight

Estos programas son financiados por el cargo de eficiencia energética en las facturas de gas y de electricidad de todos los clientes, según la ley de Rhode Island.

nationalgrid
HERE WITH YOU. HERE FOR YOU.

¡Precios desde 99¢ o menos!

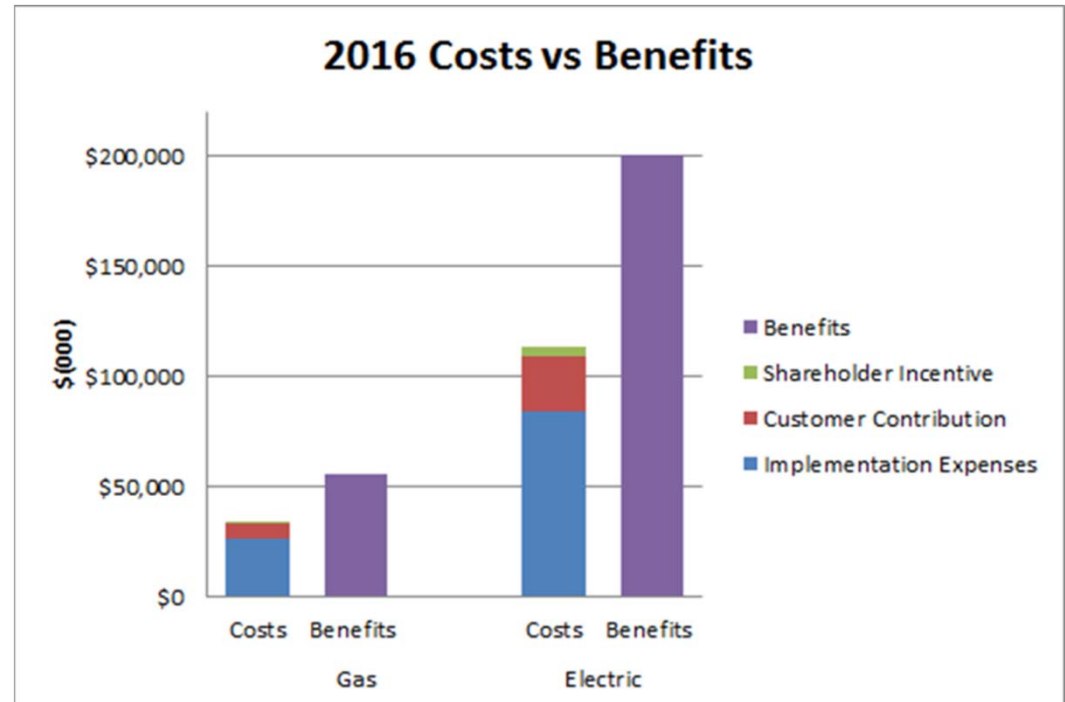
©2009 ngrid

RI Horizontal CFL Beam Sign

Shoppers at the RI Home Show where National Grid sold LEDs. A shopper at an education event at Lowes. Example of National Grid lighting marketing at retailers. Pictures from National Grid's ENERGY STAR® Lighting vendors.

Energy Efficiency creates benefits nationalgrid

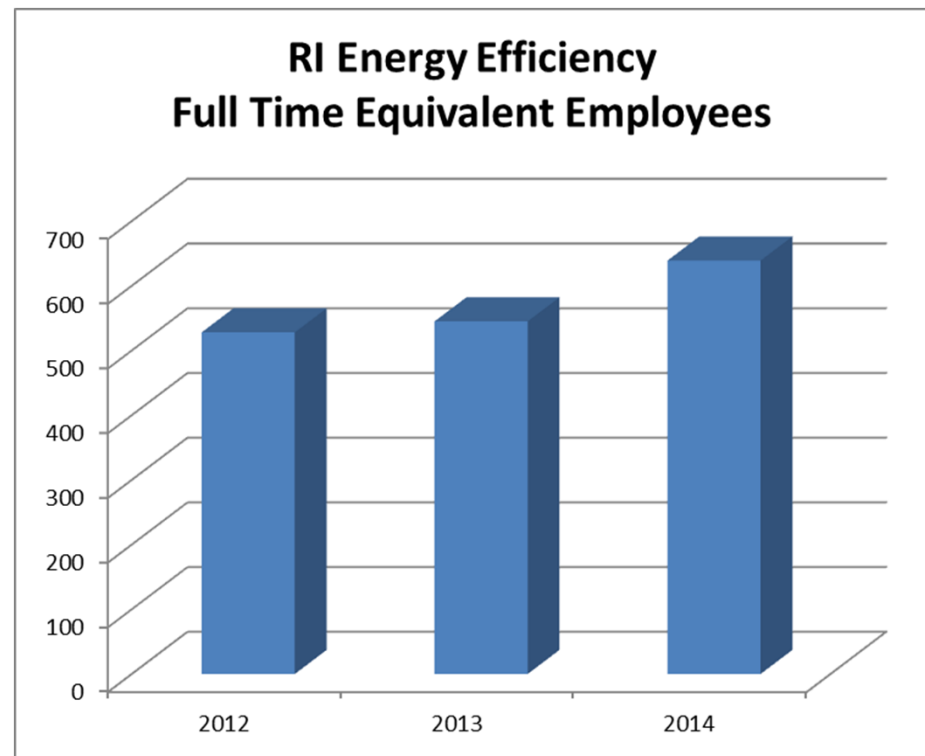
- 2016 Plan will save:
 - 1.7 million lifetime MWh
 - 4.9 million lifetime MMBtu
- Generates \$265 million in benefits
- Adds \$386 million to RI's gross state product



Energy Efficiency is a local industry

nationalgrid

- Energy Efficiency (EE) contributes to local jobs
- 2014 Jobs Report found 639 full-time equivalent workers were employed because of EE programs



Energy Efficiency is a local industry

nationalgrid

- 2014 Jobs Report found 899 businesses participated in EE; 696 in RI.
- Sample of businesses:



Continuing Successful Services

nationalgrid

- Residential
 - Comprehensive retrofits and new construction
 - Transforming the lighting market
 - Community engagement
- Commercial & Industrial (C&I)
 - RI Public Energy Partnership
 - Industrial Initiative
 - Upstream products

	<u>Electric</u> <u>Performance</u>	<u>Gas</u> <u>Performance</u>
2013	99%	108%
2014	105%	124%
2015	105%	103%



Introducing 2016 Enhancements

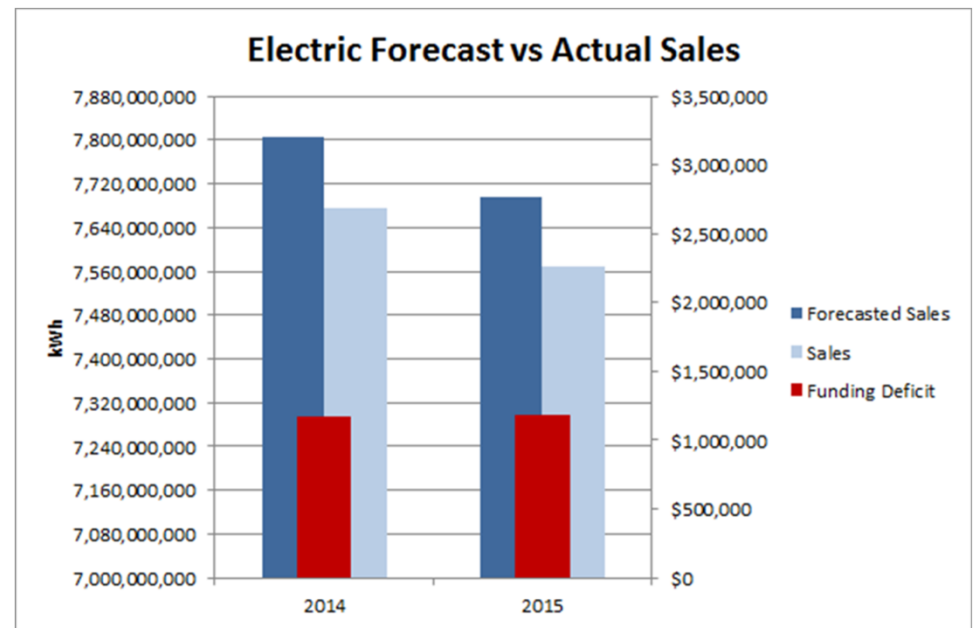
nationalgrid

- Partner with RI Infrastructure Bank
- Focus on customer experience with RE Growth
- Deliver services through vertical markets such as restaurants
- Continuously improve services

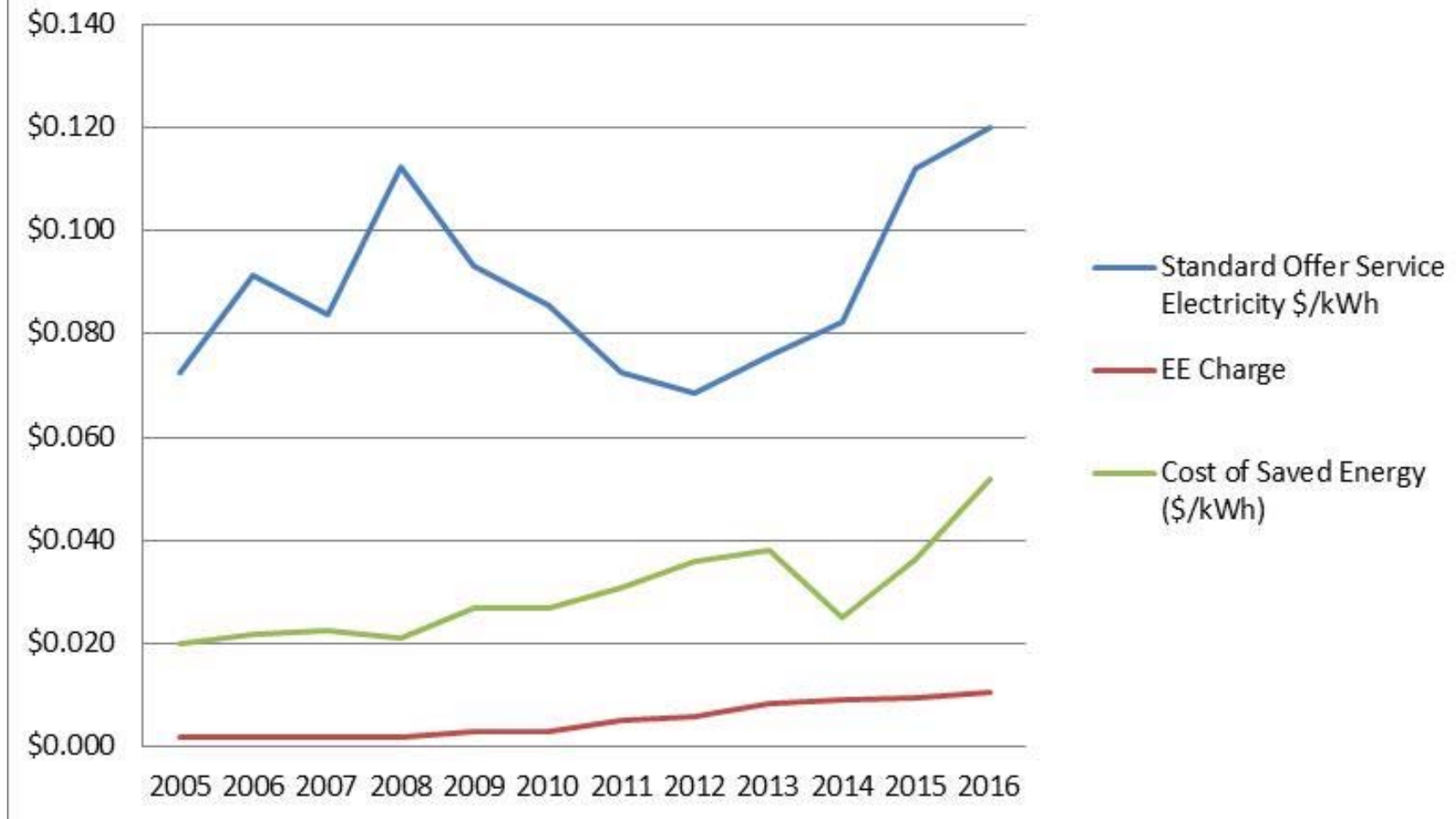


Find your Four Energy Challenge kickoff in Providence in 2015.

- 2016 budgets balance customer costs with delivering goals
- Electric customer charge increases due to under-collections and lower sales forecasts
- Gas customer charge decreases 4% for residential and 24% for C&I customers



Efficiency as a Least-Cost Resource



- EE is the first fuel and centerpiece of future policies
 - Lowest cost
 - Most Effective
 - Forthcoming policies build upon EE

The 2016 Plan is consistent with legislative and regulatory requirements of Least Cost Procurement

- Consistent with revised standards
- Cost effective
- Less expensive than supply
- Meets approved savings targets
- Responsive to customers and stakeholders

2016 Supply and EE Costs

