Fortifying The Future & Summer Preparedness
Underground System

- Redesigning Bowling Green and Fulton networks in Lower Manhattan, and Brighton Beach network in Brooklyn
  — New design allows ability to de-energize customers in flood zones; Keeps customers on higher ground with power
- Installing remote-control “smart” switches to isolate damaged equipment
- Replacing non-submersible equipment with submersible equipment
Overhead System

• Installing hundreds of remote-control “smart” switches to reduce the number of customers affected by storm damage

• Installing stronger, tree-branch resistant aerial cable

• Installing new utility poles that are 15 percent stronger; ability to withstand wind gusts up to 110 mph

• Redesigning wires to detach more easily from customer homes, enhancing safety

• Burying 30 miles of overhead lines in NYC and Westchester County in 2015 and 2016
Gas System

- Installing special float-check valves to protect gas service from floods
- Replacing cast iron and steel pipes in flood zones
- Rebuilding tunnel openings
- Strengthening communications for gas control and monitoring systems

Gas float check valve
Steam System & Electric Substations

• Installing gates, new concrete flood walls and barriers around stations and critical equipment
• Installing new flood pumps
• Installing new expansive foam seals in conduits

Raised concrete walls protecting critical equipment

New high-powered flood pumps
Capital Expenditures on Electric System Reinforcement in 2013

• Con Edison is investing more than $1.2 billion to upgrade its electric delivery system to prepare for the summer of 2013

Capital Expenditures on Electric System in 2013: $1.2 billion

• $951 million on the distribution system for cables, transformers, and network protectors

• $49 million on transmission upgrades and system reliability

• $208 million on substation-related equipment

$93.5 million on storm protection measures for Summer 2013
Preparation for Summer Use

- Replaced 12 miles of underground and aerial feeder cables
- Established 6 new feeders
- Relieved 44 feeders
- Installed 31 network transformers
- Monthly helicopter inspections
- 4 Demand Response and Contingency Shaving programs
- 13 Energy Efficiency Electric and Gas programs
- 1 new Targeted Demand Side Management (DSM) program
Electric Power Outlook in Megawatts

System-wide Forecasted Peak Demand: 13,200 MW

- NYC In-City Demand: 11,485 MW
- Capacity Requirements: 9,877 MW (86%)
- Existing Supply*: 10,352 MW
- New Supply: 0 MW
- Special Case Resources: 543 MW
- Import Capability**: 5,650 MW
- Westchester County Demand: 1,715 MW

*Existing Supply includes 543 MW of Special Case Resources expected by the New York ISO in 2013.

**Import Capability doesn’t include Hudson Transmission Partners’ (HTP) 660 MW non-firm capability expected to be in service in June 2013.
Residential Energy Efficiency

1 to 4 family homes
• Low-cost, home-energy surveys include on-site recommendations from our energy professionals, and free installation of energy-saving items
• Rebates up to $1,000 for installing eligible energy-efficient heating and air-conditioning equipment
• Free smart thermostats for central air-conditioning systems
• Rebates of $25 for new ENERGY STAR® window air conditioners*
• Free recycling of freezers, second refrigerators, and get rebates as a thank you

For Apartments, Condos, or Co-ops with 5 to 75 units
• Free smart thermostats for central air-conditioning systems
• Payments for reducing electricity use on the hottest days
• Incentives for lighting, heating, and cooling upgrades
• Free surveys and free upgrades, such as compact fluorescent bulbs and smart power strips
• Incentives for steam A/C chillers in neighborhoods where the electricity system is approaching its limits

For Apartments, Condos, or Co-ops with 75 or more units
• Incentives for lighting, heating, and cooling upgrades
• Free smart thermostats for central air-conditioning systems
• Incentives based on energy savings for making energy-efficient upgrades not included in other Con Edison rebate programs
• Payments for reducing electricity use on the hottest days
• Incentives for steam A/C chillers in neighborhoods where the electricity system is approaching its limits

Learn More
For more information, visit conEd.com/greenteam or call 1-877-870-6118. You can also visit getenergysmart.org or call 1-877-NYSMART for information about other rebates and tax credits.

*Seasonal program for Con Edison customers who receive a bill. Restrictions apply. Refer to program eligibility requirements and other terms and conditions
Business Energy Efficiency

- **Free surveys** to show you how to spend less and save energy
- **Free upgrades**, such as compact fluorescent bulbs
- **Incentives** for lighting, heating, and cooling upgrades
- **Free smart** thermostats for central air-conditioning systems. Business customers will receive $50

- Incentives based on energy savings for making **energy-efficient upgrades** not included in other Con Edison rebate programs
- **Payments** for reducing electricity use on the hottest days
- Incentives of up to 50 percent toward the cost of an energy efficiency technical study
- **Incentives for steam A/C chillers** in neighborhoods where the electric system is approaching its limits

Learn More

For more information, visit conEd.com/greenteam or call 1-877-870-6118. You can also visit getenergysmart.org or call 1-877-NYSMART for information about other rebates and tax credits.

*Seasonal program for Con Edison customers who receive a bill. Restrictions apply. Refer to program eligibility requirements and other terms and conditions*