Continuously Improving – Preparing Through Our Plans, People, and Partners

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Agenda

• Overview

• Events

• Preparing through our:
  – Plans
  – People
  – Partners

• Summary
Corporate Overview

Con Edison, Inc.
Assets: $44 billion; 2014 Operating Revenue: $12.9 billion; 2014 Net Income: $1.1 billion

Con Edison Company of NY
- Electric
- Gas
- Steam
(New York City & Westchester County)

Regulated Utilities

Orange & Rockland
- Electric
- Gas
(7 counties in NY, Northern NJ, Northeastern PA)

Competitive Energy Businesses

- Con Edison Solutions (Retail)
- Con Edison Energy (Wholesale)
- Con Edison Development (Asset Ownership & Operation)
Overview

Con Edison Service Territory

Con Edison Co. of New York

- 3.3 million electric customers
- 1.0 million gas customers
- 1,700 steam customers
- 700 MW of regulated generation

Orange & Rockland

- 300,000 electric customers
- 130,000 gas customers
Overview
Con Edison Service Territory

US Population and Growth Trends
Change in county population, 1970-2030

Projected change in county population (percent), 1970 to 2030

- >+250% (highest +3,877%)
- +50% to +250%
- +5% to +50%
- -5% to +5%
- -20% to -5%
- -40% to -20%
- <-40% (lowest -60%)

Each block on the map illustrates one county in the US. The height of each block is proportional to that county’s population density in the year 2000, so the volume of the block is proportional to the county’s total population. The color of each block shows the county’s projected change in population between 1970 and 2030, with shades of orange denoting increases and blue denoting decreases. The patterns of recent population change, with growth concentrated along the coasts, in cities, and in the South and West, are projected to continue.
Impactful Events

- Flooding
- Tornados & Macroburst
- Snow
- Ice
- Coastal Storms
- Heat Wave
- System Failure
- Security, Terrorist Attack
- Other
Preparing Through our Plans, People, and Partners
Plans
Response & Recovery

Risk

Pre-Event
Prevent Mitigate

Post-Event
Response Recovery
Plans
Prevention and Mitigation

• System hardening examples:
  – Overhead electrical system upgrades
  – Underground electrical system upgrades
  – Network reconfiguration
  – Infrastructure flood protection
Plans
Response & Recovery Plans

Con Edison Company of New York
Corporate Governance

Operations Specific
- Electric ERP
- Gas ERP
- Steam Distribution ERP
- Power Generation ERP

Event Specific
- Business Continuity Plans
- Workforce Depletion
- Technology / System Disruption
Plans
Response - ICS Framework

Incident Commander

- EH&S Officer
- Information Officer
- Energy Services Officer
- Liaison Officer
- Customer Operations Officer
- Law Officer
- IMAT

Operations Section Chief
Planning Section Chief
Logistics Section Chief
Admin/Finance Section Chief

PSC/ regulators
Claims
People
Empowering Our Workforce

• “The Way We Work”
• Employees have System Emergency Assignments
People Training
People

Tools

Municipality Dashboard

Damage Assessment Map
People Practice
People Exercises

- Tabletop
- Functional
- Full-scale Corporate Emergency Response Center (CERC)
Partners
Blue-sky Day Relationships

- Agencies
- Regulators
- Peer utilities
- Private companies (telecom, fuel, food, etc.)
- Stakeholders
- Customers
Partners
Working and Exercising

• Coordinating and sequencing actions
• Developing and updating plans
• Collaborating around challenges
• Creating and exercising together
• Mutual Assistance
Partners
Responding

Superstorm Sandy Mutual Assistance response from 29 states and 2 Canadian provinces
In Summary

• Continuously improve
  – Integrate lessons learned
  – Collaborate with partners and stakeholders
  – Continue to engage and improve customer communications
  – Remain focused on operational excellence and strengthening our systems
  – Prepare our workforce
  – Battle complacency