



An Exelon Company

PECO Energy Company's Winter Readiness Program- 2012 Winter Reliability Meeting

PECO Energy Company
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Winter Readiness Program

- ✓ Gas Operations 2012 Winter Preparedness
 - Gas System Readiness
 - Frost Surveys
 - Emergency Dispatch

- ✓ Communications and Outreach

- ✓ Gas Supply and Planning

Gas Operations 2012 Winter Prep

✓ Gas System Readiness

- Employee Safety/Readiness (Year Round)
 - Wearing protective equipment
 - Training / Qualifications
 - Reiterating safe driving habits
 - Mutual Aid (including BG&E)

- Advanced Preventative Maintenance (Prior to Winter Events)
 - Regulator station inspections
 - Valve inspections and leak surveys
 - Review and update of gas regulator pressure standards
 - Installation of regulator stations for zero degree days
 - Completion of 25 Winter Critical Jobs for 2012/2013
 - Gas plant operations readiness
 - New SCADA system to aid system maintenance and storm response
 - Preparing equipment for proper winter use (CNG trailers)

- Readiness Drills
 - Gas Mutual Assistance Drill – with BG&E
 - Winter Readiness Drill
 - Gas Load Reduction Emergency Drill

Gas Operations 2012 Winter Prep (Cont.)

- ✓ Corrective Maintenance (Prior to Winter Events)
 - System improvements resulting from Advanced Preventative Maintenance

- ✓ Pre-Event Maintain/Restoration (Days Leading Up to and During Winter Events):
 - Contingency plans
 - Enhanced leak surveys
 - Review capacity constrained areas
 - Snow removal plans
 - Equipment readiness

Gas Operations 2012 Winter Prep (Cont.)

✓ **Frost Surveys**

- **Temperature Driven Plan**
 - Plan goes into effect on November 1
 - Surveys can begin when frost exists
 - 5 consecutive low temperature days with an average temperature of 32° Fahrenheit
 - Cast iron mains are surveyed for breaks
- **Number of Breaks Driven Accelerated Plan**
 - Accelerated surveys begin after 3 cast iron breaks system-wide within 24 hours
 - Leak surveyors work double shifts surveying for more breaks within 48 hours

✓ **Emergency Dispatch**

- **Emergency Response Organization:**
 - 1 hour response for odor calls
 - Monitor for winter storm warnings
 - Remove ice and snow from gas meters and regulators
 - Snow removal equipment
 - CNG kits and trailers

Communications & Outreach

- ✓ **Crisis Communication Plan**
 - Identify and respond to operational emergencies and crises by:
 - Keeping employees and public informed about the Company's readiness and/or response efforts in an emergency/crisis that impacts customer service, gas operations, employee and/or public safety;
 - Demonstrating command and control during emergency/crisis, defining clear roles and responsibilities, and clarifying staffing and resources available;
 - Ensuring all external communications are well-coordinated with various publics;
 - Utilizing PECO's County Affairs Managers to communicate with local officials; and
 - Providing guidance and direction for communications activities during crisis management, helping to mitigate the crisis and achieve speedy recovery.

Gas Supply & Planning

✓ Firm Natural Gas Supply (2012-2013)

- “Design Day” or projected peak day demand
 - Based on 0°F and is projected at 817,000 dth for 2012-2013
- Winter peak day demand (one third each):
 - Interstate pipeline firm transportation deliveries and firm supply sources
 - Firm interstate pipeline storage contract deliveries
 - On system peaking supplies (LNG or Propane)
- Supply contracts ensure reliability
- Interruption process communication enhancement to interruptible customers
 - Send Word Now System
- Three Phase Emergency Curtailment Plans in place
 - Crisis Phase I – Voluntary load reductions
 - Crisis Phase II – Mandatory load reductions
 - Crisis Phases III – Mandatory reduction of residential load