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Gas Distribution Operations & Planning

Core Values
• Safety • Excellence & Accountability • Teamwork • Integrity
• Customer Commitment • Community & Environmental Responsibility
Introduction

➢ Who We Are
➢ Emergency Management Drivers
➢ Emergency Management Strategy
➢ Types of Events
➢ Internal & External Challenges
➢ What BGE is Doing
➢ Industry Recommendations
➢ Summary
BGE serves more than 650,000 residential and business gas customers

- **Miles of Distribution Main:**
  6,905 miles
- **Miles of Transmission Main:**
  165 miles
- **3,000 square-mile area encompassing Baltimore City and all or part of 10 Central Maryland counties.**
Emergency Management Drivers

- Corporate Vision & Mission
  - Core Values

- Regulatory Compliance
  - CFR 49 192.615 & 192.616
  - API 1162
  - COMAR (Code of MD)
  - OSHA 1910.120
  - NFPA 471 & 472

- Good Business Practice
  - Economics

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Emergency Management Strategy

Mitigation & Prevention
- Reduce Risk

Preparedness
- Operational Readiness
  Coordinated Approach

Response
- Integrated Response with
  Strategic Priorities

Recovery
- Restoration and Continuity
  of Operations

Emergency Management Continuum
Emergency Management Strategy

- Environmental Awareness
- Leadership Engagement
- Training
- Exercise
- Performance Assessment
- Continuous Improvement

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Emergency Management Strategy

Mitigation & Prevention
- Timp
- Dimp
- Damage Prevention
- OPTIMAIN
- Operator Qualification
- Corrosion Control
- Leak Survey

Preparedness
- Public Awareness Program
- Gas Emergency Manual
- Gas Emergency Response Plan

Response
- Incident Command
- Gas Emergency Manual
- Gas Emergency Response Plan
- Communications Plan
- Internal Work Procedures

Recovery
- Business Continuity
- Crisis Management Plan
- Restoration Plan
Types of Events I

HIGH POTENTIAL, LOW IMPACT EVENTS

- Small leaks on the gas system
- Gas odor calls
- Third party damages
- Small fires

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Types of Events II

LOW PROBABILITY, HIGH IMPACT EVENTS

- Transmission pipeline rupture or strikes
- Large scale gas system outages
- Fires or explosions involving gate stations
- Natural Disasters
Internal & External Challenges

- Establishing and maintaining organizational focus & engagement
- Engaging the various police departments in training and awareness programs
- Determining how to most effectively share detailed emergency response plan and infrastructure information with response officials
What Is BGE Doing

- Actively engaging emergency response officials by hosting annual Emergency Management Agency organization and LEPC meetings
- Providing on site training to local emergency responders and 911 Call Centers
- Facility tours and joint drills with emergency responders
- Continuously assessing and improving our Public Awareness Program’s effectiveness
- Utilizing industry expertise (consultants) to assist BGE in developing plans and performing internal assessments
- Partnering with our pipeline suppliers to conduct combined drills and perform basic emergency operations on each other’s system valves.
- Sharing our processes with other pipeline operators
- Participating in industry associations, workshops and conferences

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Industry Recommendations

- Responders are increasingly short of time for training and preparedness; need ease and simplicity in training.
- Develop relationships before they are needed - There was a very strong emphasis on the need for face to face communications just to establish a relationship so that if an event occurs, people know each other.
- Share information on high risk sites - More advanced planning should include identifying locations with other infrastructure, like railroad cross-over(s), co-location of water infrastructure, and other high consequence factors.
- Emergency Responders are the incident commanders and responsible for all emergencies - Operators join the Unified Command and share in the decision making based on providing specific product and packaging expertise.
Thank You