Emissions Mitigation Compliance Plan

CPUC/CARB Workshop
April 19, 2018

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Agenda

- Ongoing Best Practices
- Proposed Best Practices
- Pilot Program and Research & Development Projects
- Requested Exemptions
- Anticipated Emissions Reduction
Ongoing Best Practices

- BP 8 – Company Emergency Procedures
- BP 10 – Minimize Uncontrolled Natural Gas Emission Training
- BP 15 – Gas Distribution Leak Surveys
- BP 16 – Special Leak Surveys
- BP 19 – Above Ground Leak Surveys
- BP 23 – Minimize Emissions from O & M, and Other Activities
- BP 24 – Dig-ins - Public Education Program
- BP 25 – Dig-ins - Company Standby Monitors
Proposed Best Practices

- BP 1 – Written Compliance Plan
- BP 2 – Greenhouse Gas Policy
- BP 3 – Pressure Reduction Policy
- BP 4 – Project Scheduling Policy
- BP 5 – Methane Evacuation Procedure
- BP 6 – Methane Evacuation Work Order
- BP 7 – Bundling Work Policy
- BP 9 – SB 1371 Emissions Reporting Recordkeeping
Proposed Best Practices

- BP 11 – Methane Emission Training
- BP 12 – Knowledge Continuity Training Program
- BP 13 – Performance Focused Training Programs
- BP 20a – Leak Geographic Tracking
- BP 21 – Leak Repair “Find it/Fix it” Policy
- BP 26 – Dig-ins - Repeat Offenders
Proposed Pilot Program

Best Practice 18 - Stationary Methane Detection

- Objectives
  - Evaluate the feasibility of monitoring M&R facilities
  - Determine the suitability, reliability, and configuration required for equipment

- Pilot Location
  - Southern California
    - Field Test in 2018 - 1
    - Field Tests in 2019 - 2

- Test Equipment
  - Detection Coverage
  - Communication
  - Physical Security
  - Power Requirements
  - Detection Response
  - Maintenance
Proposed Research and Development

Best Practice 18 - Stationary Methane Detection

- Gas Technology Institute (GTT)
- Objective:
  - Evaluate and field demonstrate new and advanced stationary continuous methane monitoring systems
Proposed Research and Development

Best Practice 22 - Pipe Fitting Specifications

- Industry R&D Study through NYSEARCH
  - 5 Companies

- Objectives:
  - Demonstrate the sealing performance of threaded connections
  - Identify and quantify emissions reductions
  - Determine the economic and operations impact
Requested Exemptions

- Best Practice 14 – Formal Job Classifications
- Best Practice 17 – Enhanced Methane Detection
- Best Practice 20a - Quantification
Emission Reductions

- 2018-2019 Estimated reduction of emissions – 111.176 Mscf
Questions