

### EPNG / Mojave/ Sierrita 2017-18 Winter Preparedness

Kinder Morgan Western Region Pipelines October 26, 2017



- Operations Overview
- Emergency Communication
- Winter Preparedness Planning
- Maintenance Planning Process
- Remaining 2017 Planning Maintenance
- Gas Control Contacts

# **Operations Overview**

# EPNG System Overview Supply Locations and Flow Direction



### EPNG Total System 2012-2017 Throughput Trends (MMcf/d)



**EPNG Total Throughput** 

### San Juan Basin 2012-2017 Throughput Trends (MMcf/d)



### North Mainline 2012-2017 Throughput Trends (MMcf/d)



### Permian Basin 2012-2017 Throughput Trends (MMcf/d)



### South Mainline 2012-2017 Throughput Trends (MMcf/d)



# SOC/COC\* Summary

Condition Type (Number of Days)							
	Warr	nings	SC	C	CC		
	DRAFT	PACK	DRAFT	PACK	DRAFT	PACK	
2013	14	7	1	1	1	0	
2014	15	15	9	0	0	0	
2015	9	19	2	3	3	0	
2016	12	10	7	2	0	0	
2017 <sup>(YTD)</sup>	12	0	5	0	0	0	

### dition Type (Number of Deve)

### **Emergency Communications**

- Shipper and Stakeholder Mass Communication
  - EBB Notices
  - Text messages
  - Emails to shipper-maintained group email addresses
  - Telephone message sent by EPNG to emergency contacts
  - System Status Hotline (1-855-762-0100) parties can call for a recorded status of the system (updated as needed throughout an event)
- Standard critical notice to promote quicker action
- Banner on internet homepage to alert users to an emergency

### Winter Preparedness Plans

### Staffing

- Gas Control is 24 x 7 x 365.
- Field technicians are on-site or on-call.
- Local Facility preparation (Begin about November 1<sup>st</sup>)
  - Vehicle inspections prepare vehicles for cold weather.
  - Two-Way Radio functional tests
  - Facility inspections with focus on weatherproofing.
    - Heat tracing, heat lamps, thermal blankets, etc.
  - Snow Removal Equipment Inspection (Where applicable)
  - Assessment of back-up power needs (existing stand-by generation and rental generators as deemed necessary).

### Winter Preparedness Plans (Cont)

#### Communication and Coordination

- Customer Winter Preparedness Meeting (WebEx/conference call) October 26, 2017.
- Customer-specific winter preparedness meetings or communications.
- Monitor Weather Forecast.
- Conference Calls between Gas Control and Operations to discuss preparations.
- Shipper and Stakeholder Mass Communication via EBB notices and text messages.
- Shipper-Specific Communications.

#### Operational Response

- Multiple flow paths for supply to reach the market.
- Access to supply area storage: Washington Ranch, Keystone Gas Storage and Merchant Ranch Storage.
- EPNG has developed excellent working relationships with both affiliated and non-affiliated interconnecting pipelines which provide additional layers of contingency management in responding to emergency situations.

## Maintenance Planning Process and Communication

### **Maintenance Planning Process**

### **Annual Maintenance Planning Process**

- July/August Process Begins
  - Review of annually recurring maintenance
  - Development of Pipeline Integrity project list for the next year.
  - Development of additional O&M and project related maintenance outages for the next year.
- October
  - Gas Control preliminary review.
  - Project Planning Meeting with Project Engineering , Pipeline Engineering and Operations to review global schedule.
- November
  - Gas Control Review of Global Schedule .
  - Operations meetings/concalls to resolve scheduling conflicts.
  - Preliminary capacity impact analysis by System Design for larger outages.
  - Approval of Annual Plan.

#### Communication to Customers

- December 15 Annual Plan for 1<sup>st</sup> Quarter posted to EBB.
- Mid-March Annual Plan updated for the remainder of the year posted to the EBB.

### **Maintenance Planning Process**

### **Communication to Customers**

- Annual Maintenance Plan
  - December 15 Annual Plan for 1<sup>st</sup> Quarter posted to EBB.
  - Mid-March Annual Plan updated for the remainder of the year posted to the EBB.
  - Updated as required throughout the year.

#### Monthly Maintenance

- Monthly schedule posted 9 business days before the following month.
- Updated as required prior to and during the month.

#### EBB

- EPNG <u>http://pipeportal.kindermorgan.com/PortalUI/DefaultB.aspx?TSP=EPNG</u>
- Mojave <u>http://pipeportal.kindermorgan.com/PortalUI/DefaultB.aspx?TSP=MOPC</u>
- Sierrita <u>http://pipeportal.kindermorgan.com/PortalUI/DefaultKM.aspx?TSP=SGP</u>

### Planned Maintenance Nov 2017 – Dec 2017

### November - December Maintenance Highlights



# **Gas Control Contacts**

# **Gas Control Contacts**

### Russ Pyeatt - Manager

- (719) 520-3729 (office)
- (505) 320-4556 (cell)
- russ\_pyeatt@kindermorgan.com

### Dan English - Lead Controller

- (719) 520-4722 (office)
- (719) 659-3210 (cell)
- dan\_english@kindermorgan.com
- Vic Villalva Maintenance Planner
  - (719) 520-4251 (office)
  - (719) 482-6914 (cell)
  - vic\_villalva@kindermorgan.com