

El Paso Natural Gas Pipeline 2013-14 Winter Preparedness

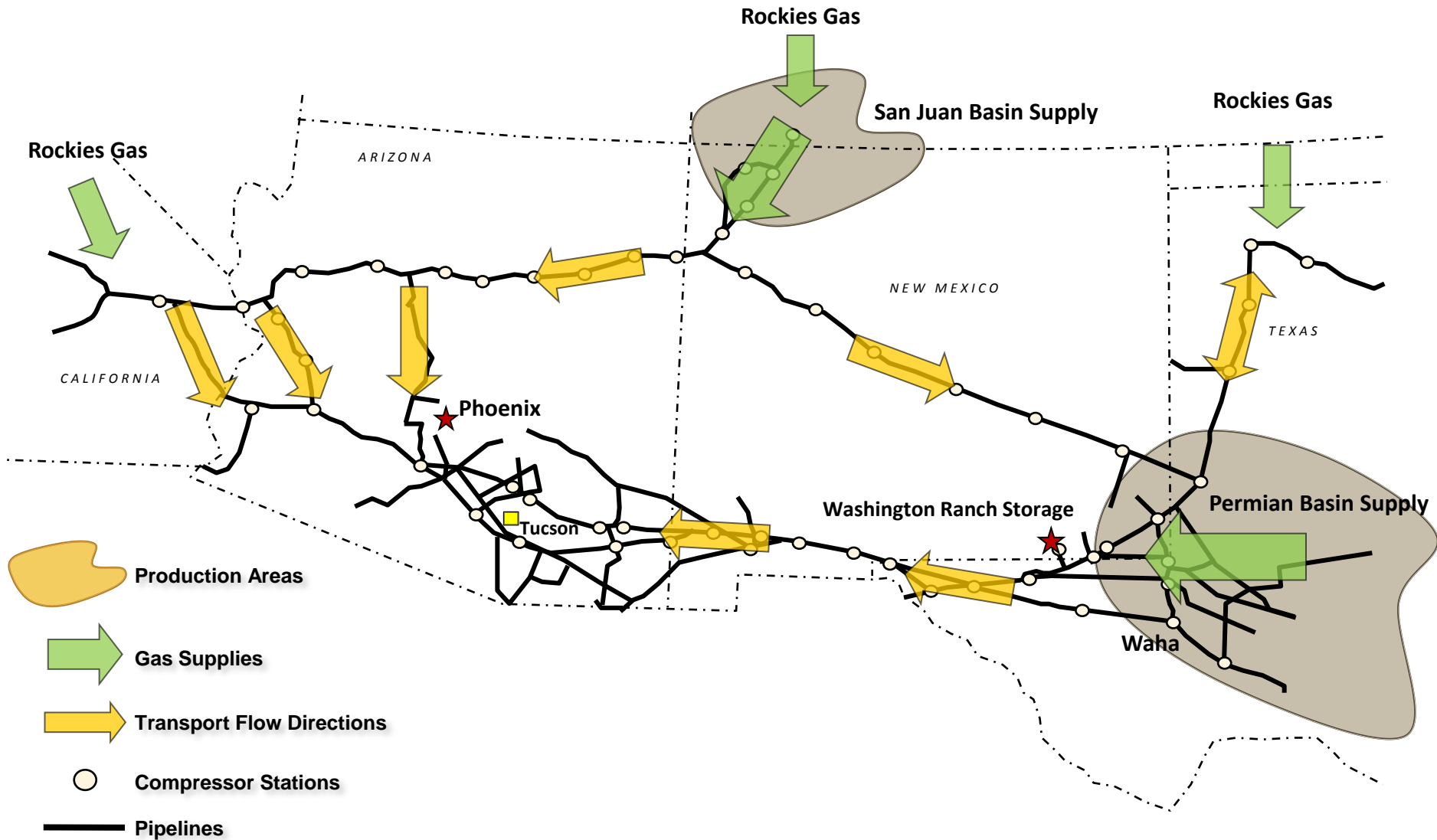
Presentation to the Arizona Corporation Commission

October 22, 2013

Kevin Johnson, Director, Western Region Gas Control (EPNG/Mojave)

EPNG System Overview

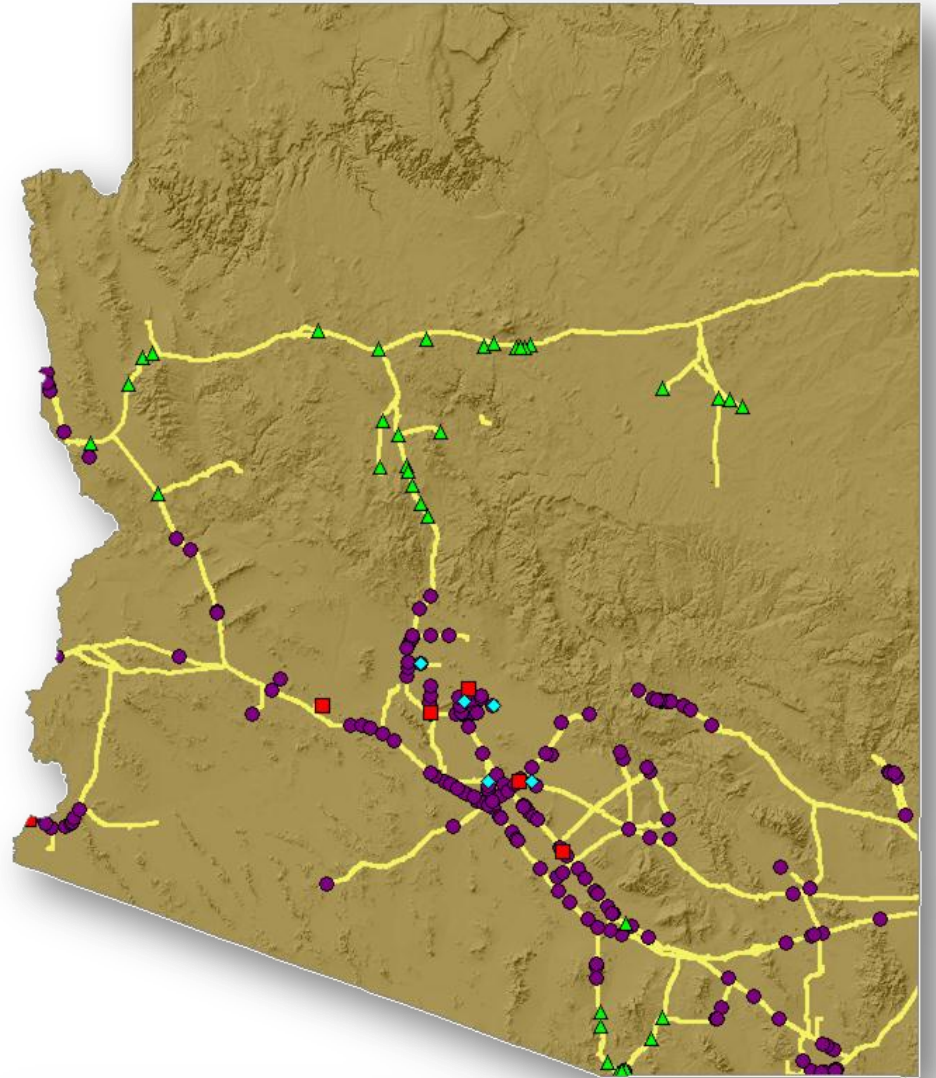
Supply Locations and Flow Direction



EPNG System Overview

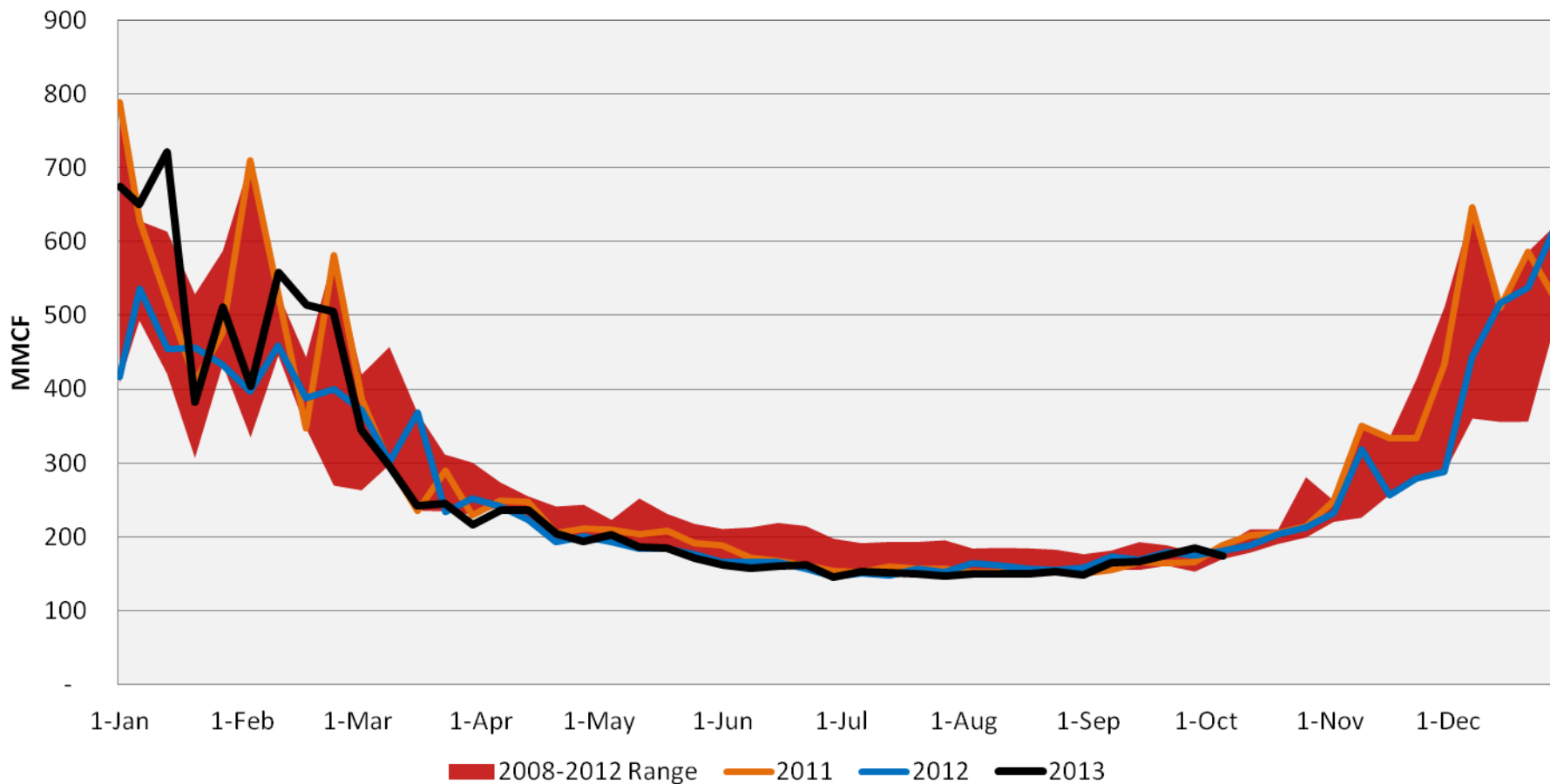
Arizona Delivery Locations

Delivery Meters		
223	Southwest Gas	●
40	UNS	▲
11	APS	■
8	SRP	◆
68	All Others	
350	TOTAL	



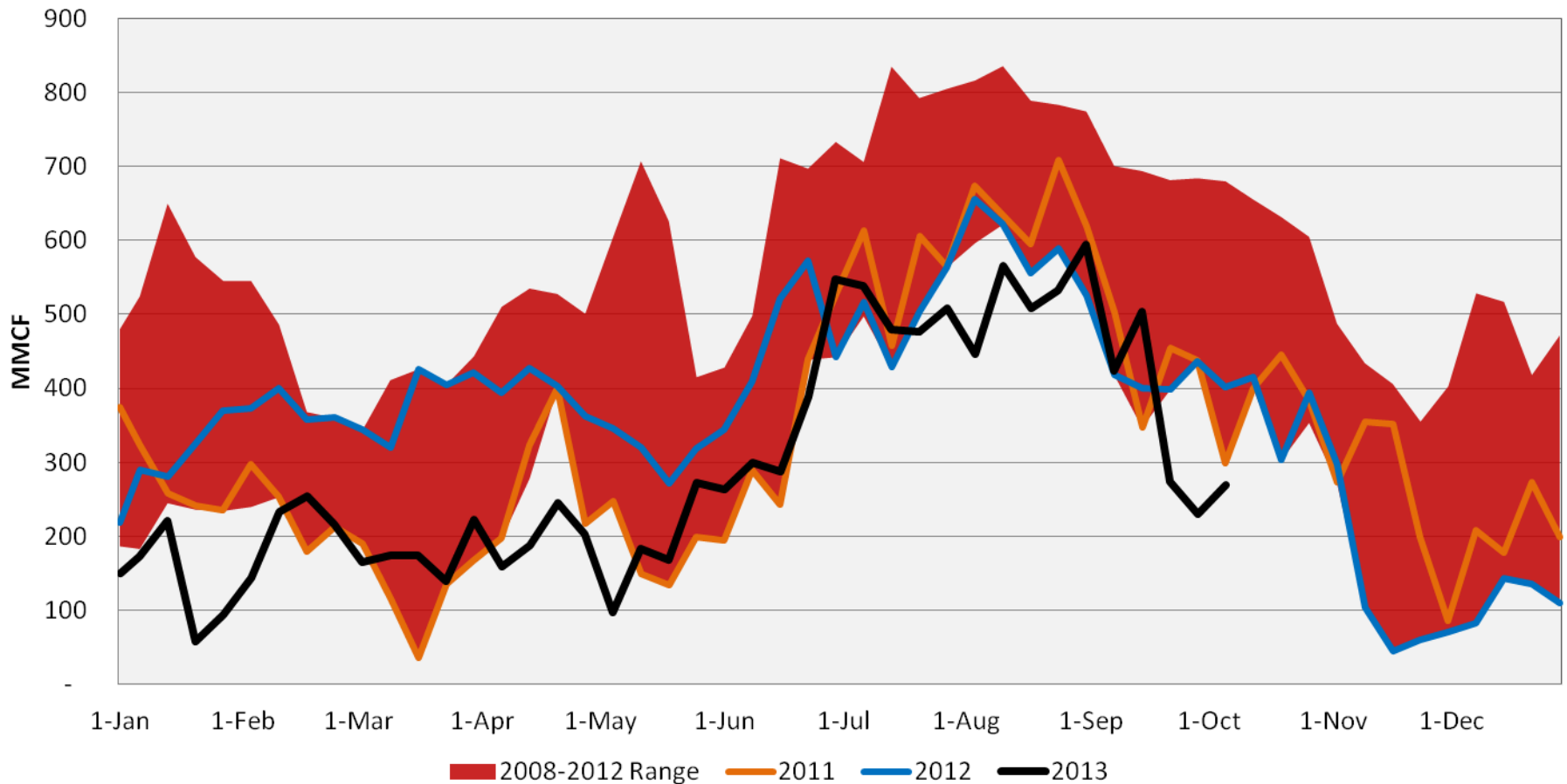
EPNG Throughput Arizona LDC/Industrial

Arizona LDC/Industrial Deliveries



EPNG Throughput Arizona Power Generation

Arizona Power Generation Deliveries



Pipeline Integrity

- High Priority for Kinder Morgan
 - Meeting or Exceeding compliance with regulations
 - Ongoing, never-ending accountability
 - NOT a one-time accomplishment
- Kinder Morgan's Approach
 - Effective use of mitigation measures such as preventive maintenance, inspections, assessments, and repairs.
 - Implementation with a focus on minimizing interruption to shippers.

Winter Preparedness Plans

● Staffing

- Gas Control is 24 x 7 x 365
- Field technicians are on-site or on-call

● Facility preparation

- Facility inspections with focus on weatherproofing
- Assessment of back-up power needs (existing stand-by generation and rental generators as deemed necessary)
- Prepare vehicles for cold weather

Winter Preparedness Plans

● Communication

- Customer Winter Preparedness Meeting – October 15, 2013
- Communications Meeting with the Western Electricity Coordinating Council (WECC) – October 16, 2013
- Customer-specific winter preparedness meetings or communications

● Kinder Morgan Footprint

- Potential for coordinated emergency operational assistance between TransColorado Gas Transmission (TC), Colorado Interstate Gas (CIG), Natural Gas Pipeline (NGPL) and EPNG (three of which are in the same Gas Control group) provides additional layer of contingency management