



# El Paso Natural Gas Pipeline 2015-16 Winter Preparedness

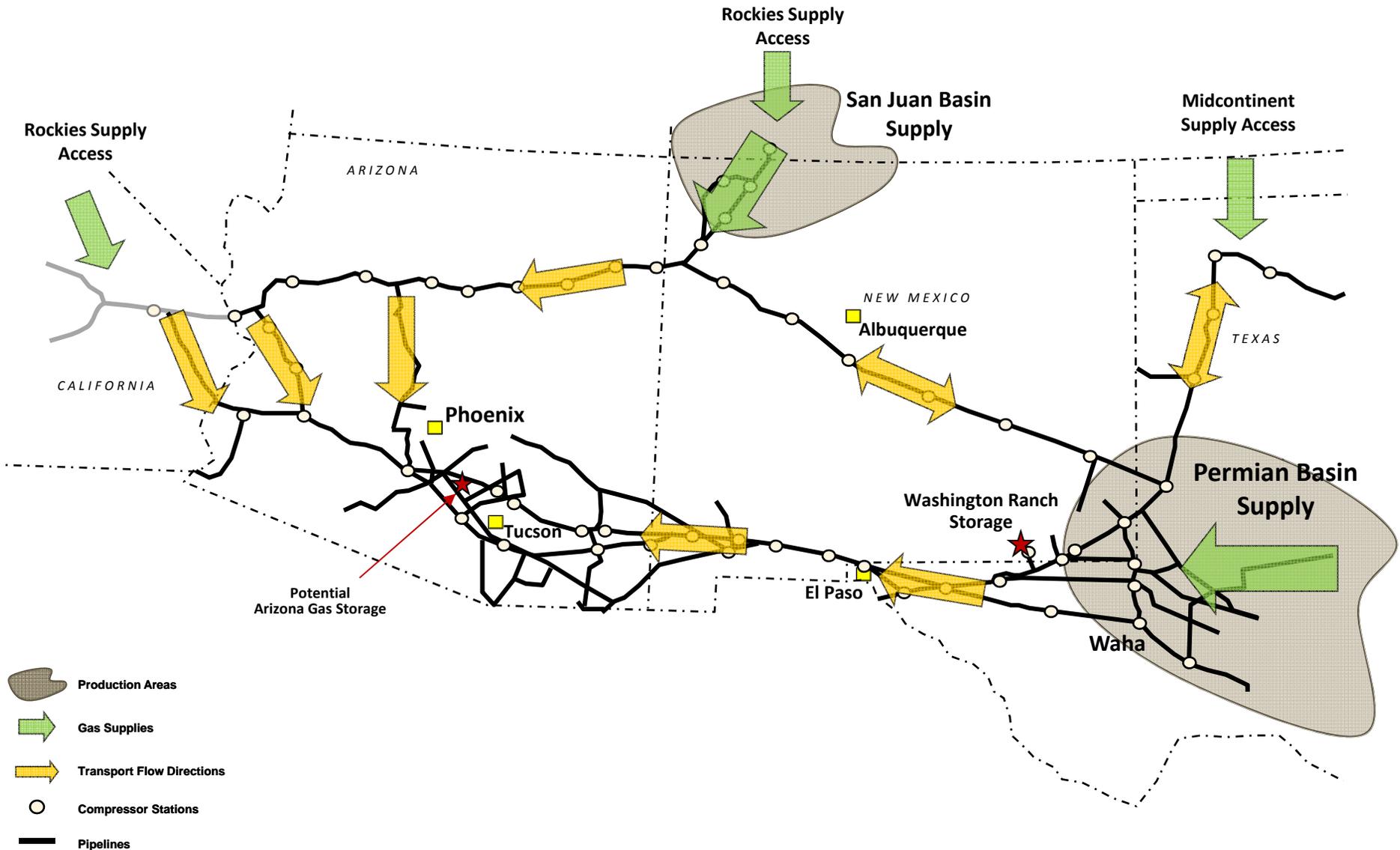
Presentation to the Arizona Corporation Commission  
October 29, 2015

Kevin Johnson

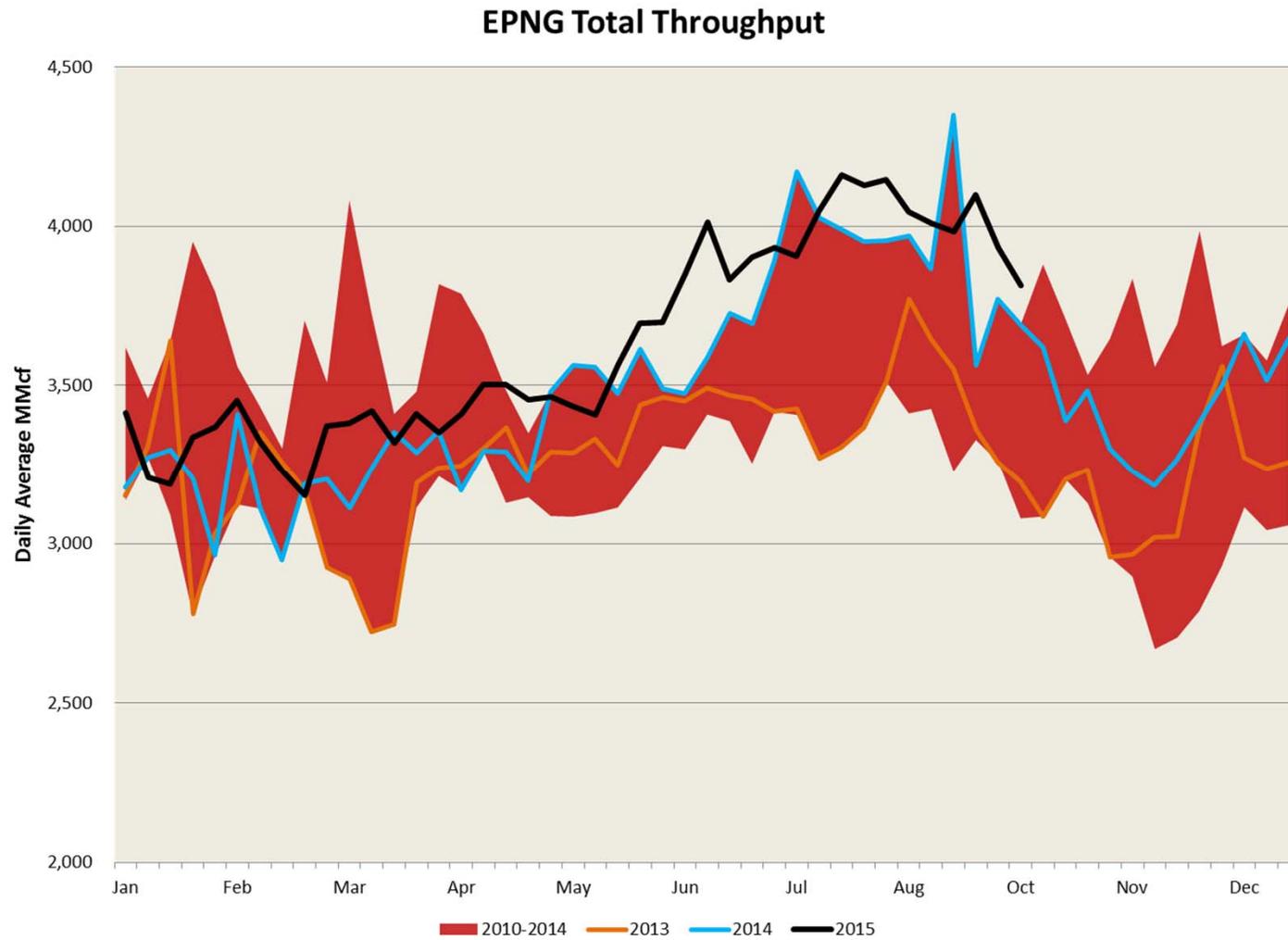
Director, Western Region Pipeline Management (EPNG/Mojave/Sierra)

# EPNG System Overview

## Supply Locations and Flow Direction

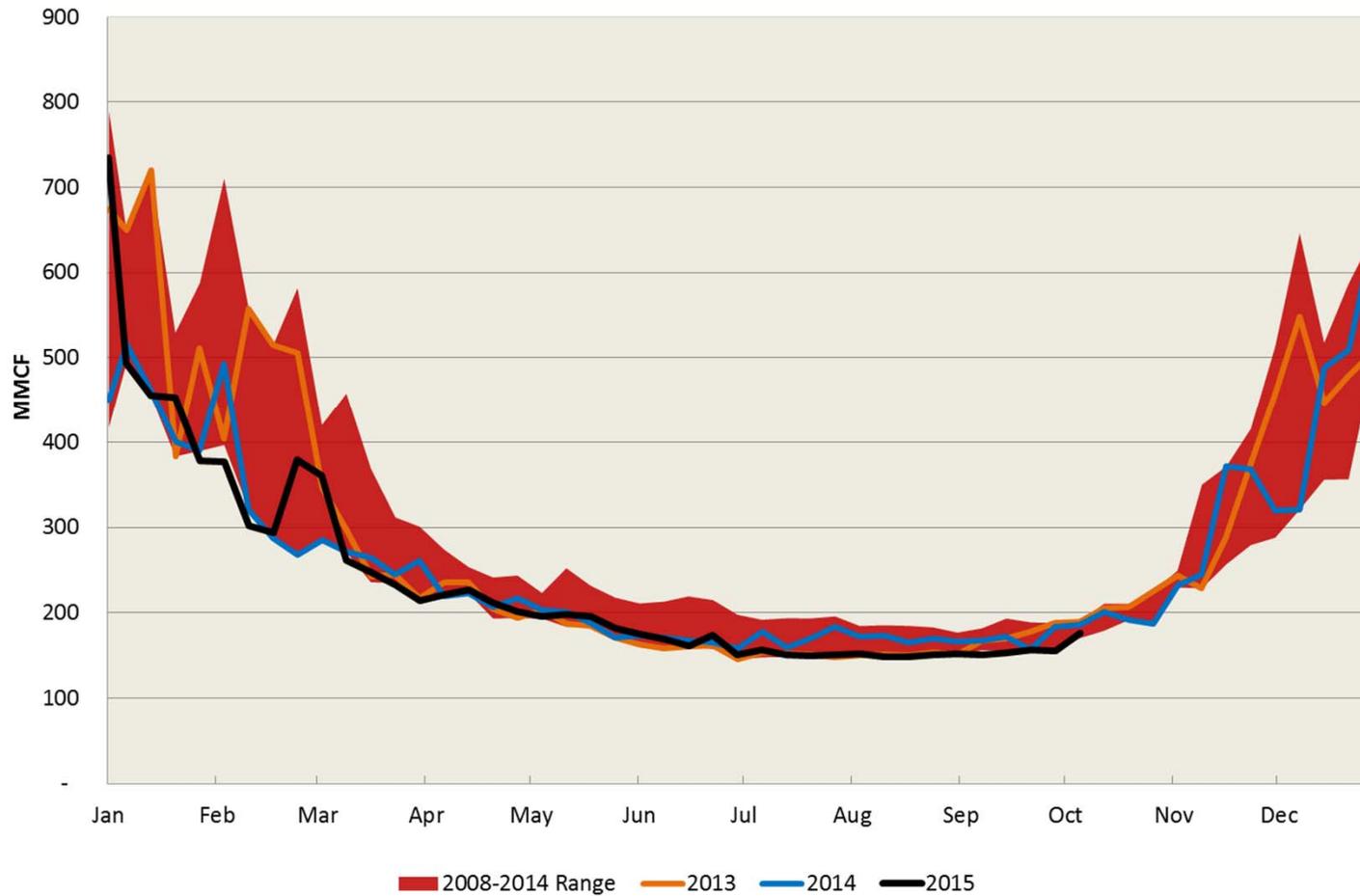


# EPNG Throughput Total System



# EPNG Throughput Arizona LDC/Industrial

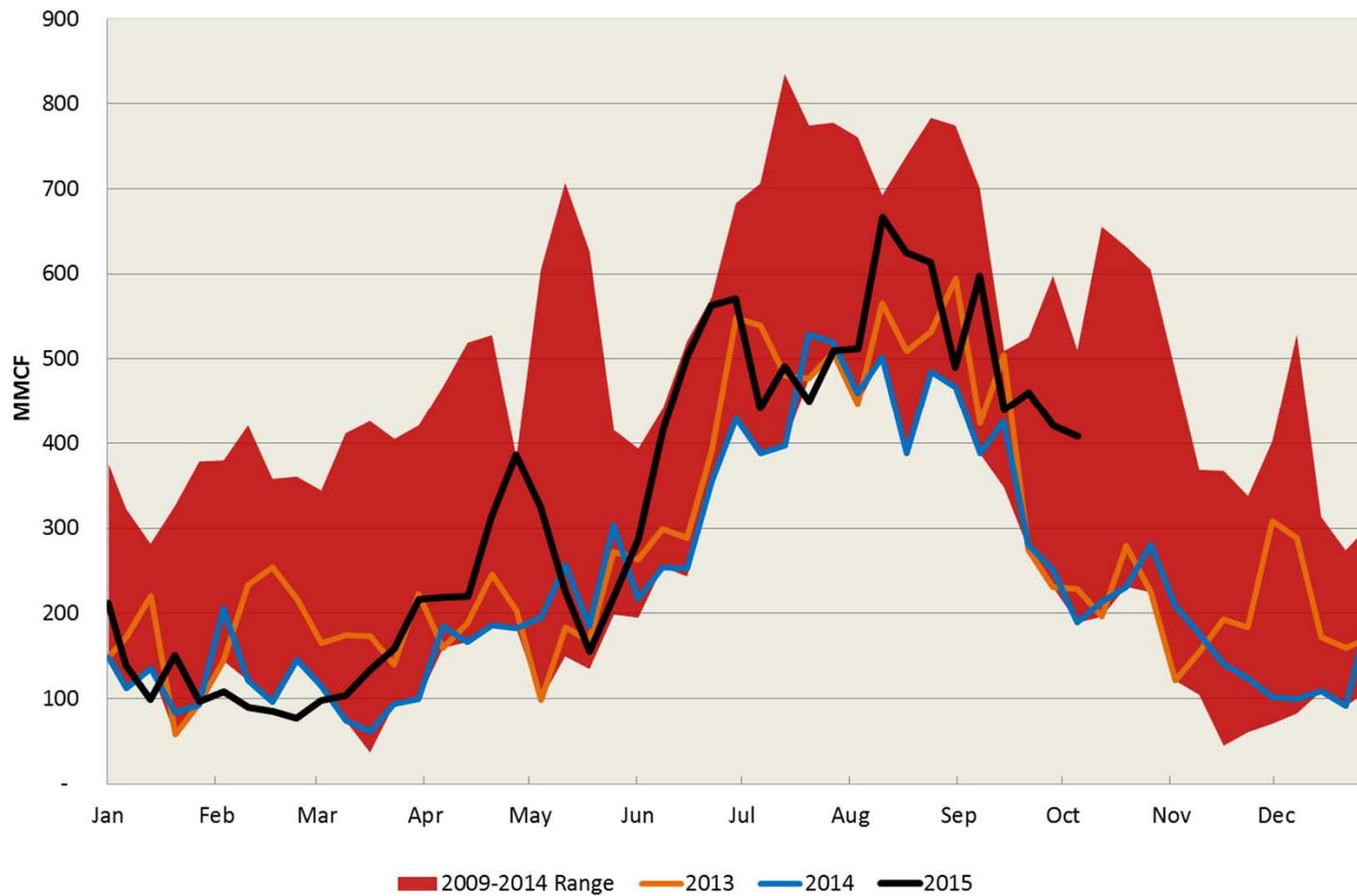
Arizona LDC/Industrial Deliveries



# EPNG Throughput Arizona Power Generation

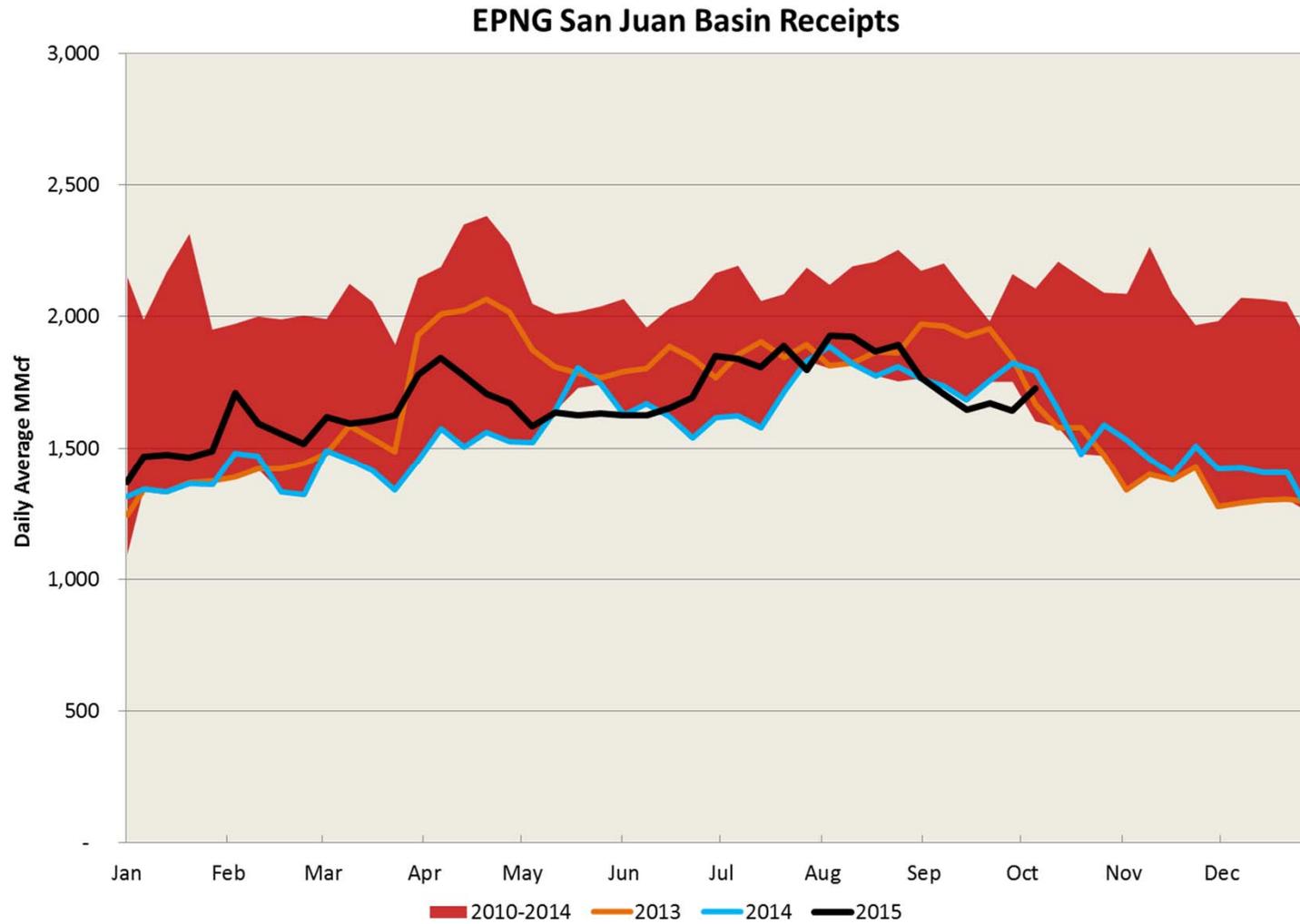
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Arizona Power Generation Deliveries

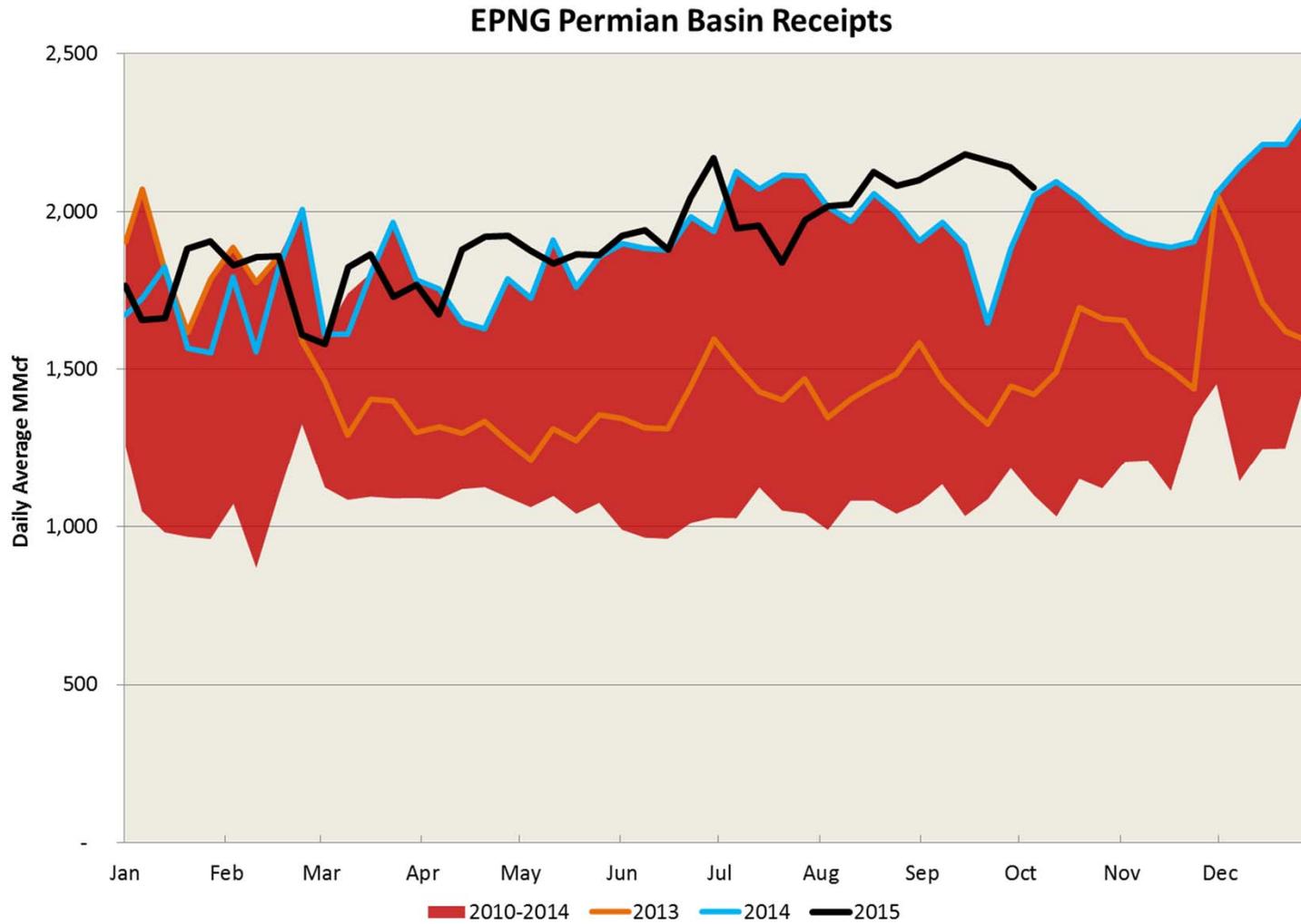


# EPNG Supply San Juan Basin

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# EPNG Supply Permian Basin



# Winter Preparedness Plans

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- **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.
- **Communication and Coordination**
  - Customer Winter Preparedness Meeting – October 15, 2015.
  - Customer-specific winter preparedness meetings or communications.
  - 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.