### May 4, 2016 Questar Gas IRP Workshop

### **Agenda**

- Review of the 2016 RFP for purchased gas
- Update on peak-hour services RFP
- IHP pressure telemetry

#### **2016 RFP for Purchased Gas**

# **RFP** Responses

### **Baseload Supply (Dth)**

### **QPC Peaking Supply (Dth)**

# **KRGT Peaking Supply (Dth)**

# **Total Supply Under Contract and Recommended 2016-2017 (Dth)**

#### **2016 Peak-Hour Services RFP**

# Responses

### **Magnum Gas Storage**

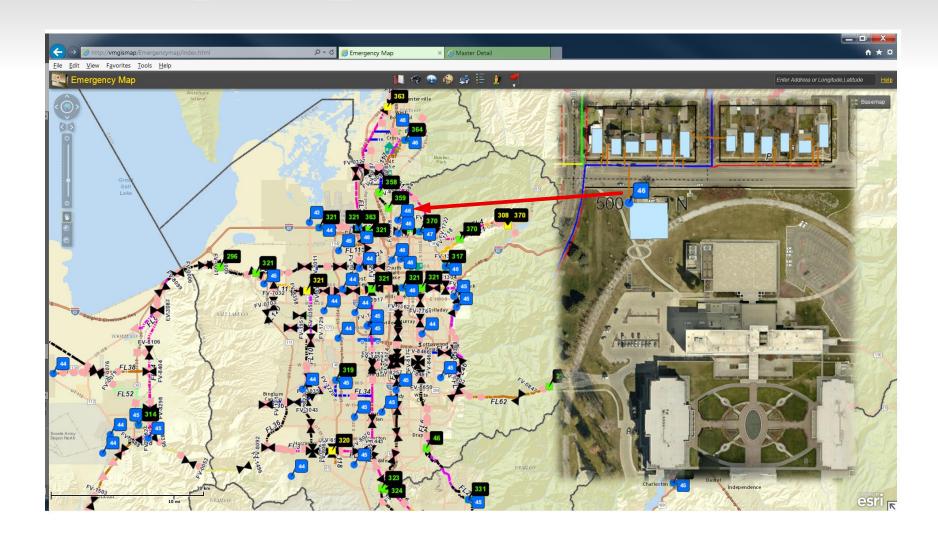
#### **Kern River Gas Transmission**

### **Questar Pipeline**

# **Proposal Comparison**

### **IHP Pressure Telemetry**

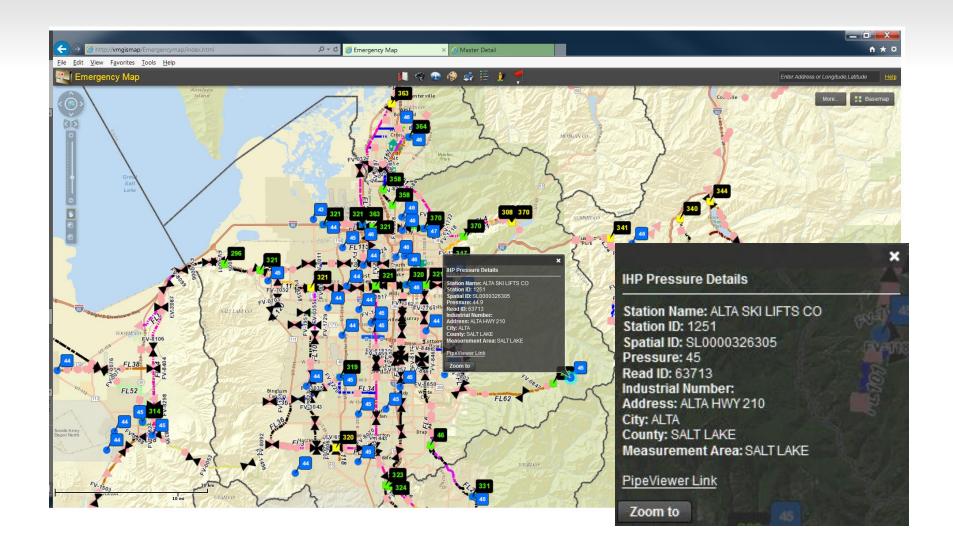
### **Pressure Telemetry Map**



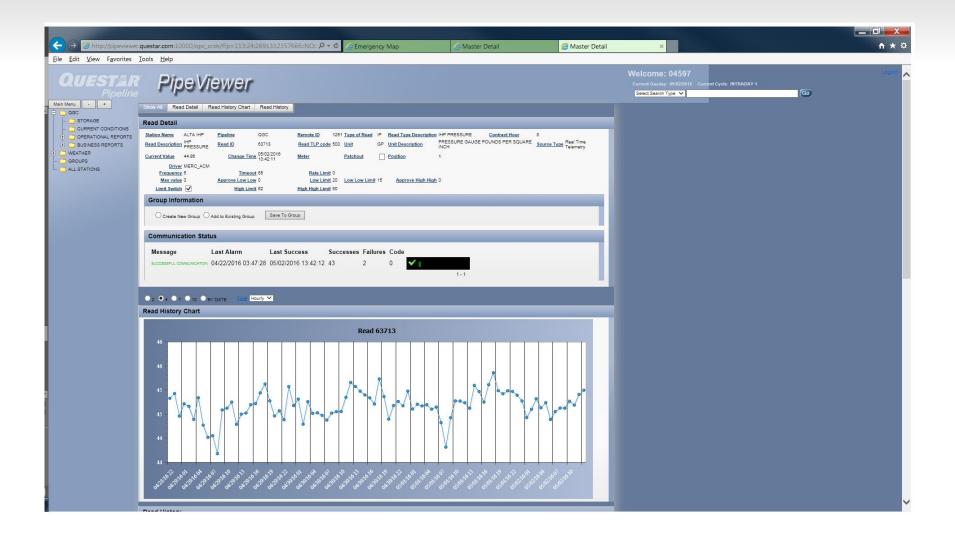
### **Monitoring Locations**

- Representative Points
- Low Pressure Areas
- Remote Areas
- Regulator Stations
- Interruption Zones

### Site Data & Link to PipeViewer



### **PipeViewer**



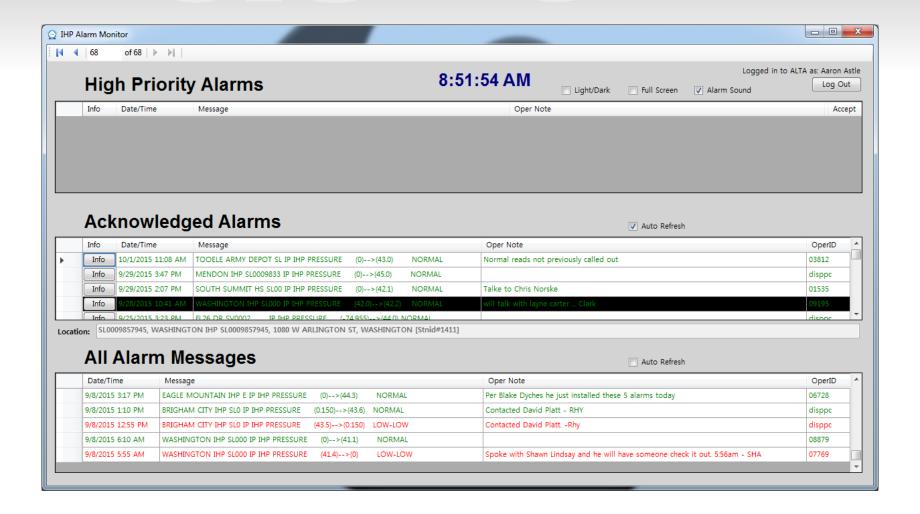
### **Purpose**

- Active System Monitoring
  - Dispatch receives pressure alarms

Location	MAOP	High-High	High	Low	Low-Low
Regulator Station	60 psig	60	52	30	25
System	60 psig	60	52	20	15
Regulator Station	35 psig	41	37	25	20
System	35 psig	41	37	20	15

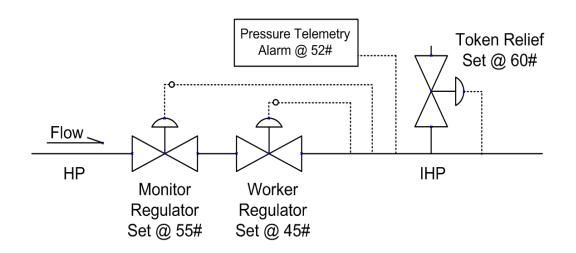
- Company can respond proactively
- Minimizes customer interruption
- Minimizes response time

#### **IHP Alarm Window**



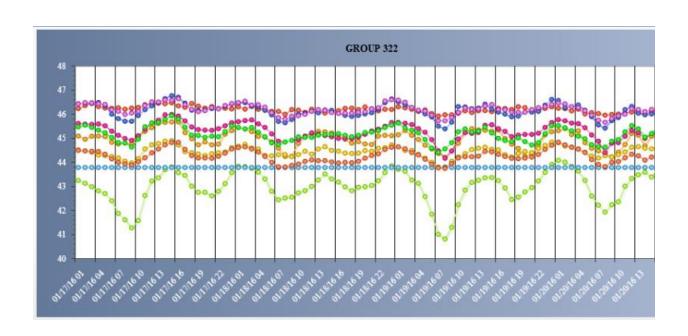
### **Purpose**

- Active Station Monitoring
  - Alarms indicate stations that need attention, improving response time and eliminating the unnecessary release of gas.
  - Monitor both HP and IHP pressure at stations



#### **Purpose**

- Station Health Checks
  - Groups in PipeViewer allow Measurement and Control to quickly check station health



## **Equipment**



# **Equipment**



# **Questions?**