



KEYHOLE PROGRAM MEETING & DEMOS

Location: Fall Meeting | November 8th and 9th, 2017
PG&E Training Facility
1 PG&E Way, Winters, CA 95694

Fall 2017 Meeting Draft Agenda – November 8th & 9th

Wednesday, Nov 8th Full Day Meeting (8am-5pm)

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| 8:00 am – 8:30 am | Welcome and Introductions |
| 8:30am – 9:30am | Tour of PG&E Training Facility |
| 9:30 am – 10:00 am | Plastic Cap Replacements – PG&E – Kenny Conelley <ul style="list-style-type: none">• Review of PG&E’s Plastic Cap Replacement Program with Keyhole |
| 10:00 am – 10:30 am | Review of Service Tee Transition Rebuild Program – Avista – Michael Whitby <ul style="list-style-type: none">• Review of 5 year program to replace service tees• How Keyhole will be implement in main replacement program moving forward |
| 10:30 am – 10:45 am | Break |
| 10:45 am – 11:15 am | Use of Coring/Keyhole in a Large Urban City <ul style="list-style-type: none">• Brief update on use of Keyhole in New York – Andrew Pollock• Brief Update on People’s Gas Keyhole work in Chicago – Dennis Jarnecke |
| 11:15 am – 11:45 am | Keyhole Successes at Alagasco – Bryan Rotenberry <ul style="list-style-type: none">• Use of Keyhole in main replacement program• How to encourage contractors to effectively participate with Keyhole |
| 11:45 pm – 1:00 pm | Lunch |

1:00 pm – 1:30 pm **Using Expandable Foam for Main Abandonment – Specialty Products, Inc**

1:30 pm – 2:00 pm **Core Reinstatement Tips/Tricks from an Expert – Utilicor - Andrew Pollock**

2:00 pm – 3:30 pm **Manufacturer Presentations**

- Hammerhead
- Utilicor/Ditch Witch
- Kravitch
- Tellus Underground
- Vacmasters
- Ox-Equipment/BTI

3:30 pm – 5:00 pm **Demonstrations**

- Ox Equipment/BTI
- Specialty Products Inc.
- Vacmasters
- Utilicor/Ditch Witch
- Others

6:00 pm **Group Dinner:** Fuso Italian Restaurant
535-A Main Street
Vacaville, CA 95687
Ph.: 707-447-5560

Sponsored by:



Thursday, Nov 9th Half Day Meeting (8am-12pm)

8:00 am – 9:00 am **Utilities Only Session**

- Opportunity for utilities to discuss any needs/issues amongst themselves (utilities – please submit topics of discussion)

9:00am – 9:30 am

Utility / Contractor Alliance Discussions

- How utilities and contractors are working together to implement keyhole construction practices Technologies
- Methods and Best Practices
- Input and discussions from Utilities
- Input and discussions from Contractors

9:30 am – 10:00 am

New Technologies

- Presentations and discussions on various new technologies across our industry – *Participation from all attendees*
 - Emergency Main Stop off Station – EMSOS
 - ORFEUS – Look ahead HDD technology
 - Others TBD

10:00 am – 11:00 am

Vacuum Excavation

- Vac Group – Vacuum Excavation in Australia; Soil Transfer – Neil Costello
- SAE Standard for Safety Requirements of Vacuum Excavation – Susan Harmon
- Issues/Concerns –
 - Disposal of wet spoils when using hydrovacs
 - Overweight trucks
 - Alternatives?
 - Best practices
- Environmental reports and studies
 - Documentation of Environmental Practices and Regulations
 - Environmental wins
 - Discuss assembling necessary documents for all to share and use regarding environmental issues for wet spoil
- Update on OTD project investigating the effectiveness of dry vs wet vacs

11:00 am – 11:30 am

Group Roundtable

- *Project ideas / needs for 2017/2018*
- Issues and needs
- Recent/current efforts
- Identify action items
- Any R&D needs outside of Keyhole

11:30 am – 12:00 pm

Review needs identified from Day 1

- Additional items for discussions

