THE NEXT GENERATION IN LEAK DETECTION

RMLD - Remote Methane Leak Detector

Presentation by
George Ragula
PSE&G
Paul Wehnert
Heath Consultants

Barriers to Current Technology
- Fences
- Locks
- Dogs

RMLD Operation

- Do not need to be in gas plume

Technical Approach
- Laser light beam is projected onto a surface
- A fraction of the beam is reflected and returned to the transceiver
- Methane in the laser path creates a distinct signal in the returned light
- Returned light is collected and focused onto a detector and converted to an electronic signal
- Methane readings are displayed in ppm-m