

Oil & Gas Subcommittee

14 October 2011

Chairs Dr. Kaplan Basniev (Russia), Javier Bocanegra Reyes (Mexico), and Michael Layer (Canada)



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- Tour of Gaz Systems Compressor Station and Laboratory in Pogórska Wola. The tour included gas quality, noise and vibration measurements, a demonstration of FLIR and OPGAL infrared cameras, and presentations on the results of Gaz-System methane emission measurement study.
- Technical sessions included:
 - Gaz-System testing of methane identification and measurement equipment
 - ONGC's implementation of Vapour Recovery Units on Crude Oil Tanks
 - Indonesian Climate Policy and the Importance of Methane Reductions in the Oil & Gas Sector
 - Experiences with Methane Leak Detection and Measurement Studies
 - BP's Use of Reduced Emission Completions to Minimize Methane Emissions from Hydraulically Fractured Gas Wells
 - Opengrid Europe's experience using Pipeline Pumpdown to Minimize Methane Emissions During Transmission Pipeline Repair
 - BP's experience routing Centrifugal Compressor Seal Oil De-gassing Emissions to Fuel Gas as an Alternative to Installing Dry Seals

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- Major discussion points raised included:
 - Leak measurement tools are readily available.
 - Passive and active imaging
 - Portable and aerial
 - Emission detection and measurement raises awareness within the industry, showing the importance of emission reductions. Benefits linked to:
 - Employee and public safety
 - Operating efficiencies
 - Corporate image
 - Return on investment through increased revenue and/or reduced costs (short payback period)
 - Operational integrity
 - Conservation of methane and other hydrocarbon resources
 - Corporate (environmental and operations) voluntary and regulatory emissions reduction responsibility.
 - Need for improved methodologies to advance the development carbon credits.