



Directed Inspection & Maintenance Overview

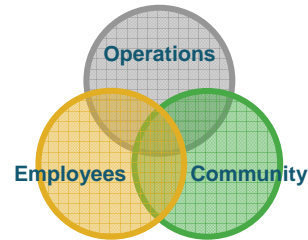
- Project inception
- Project economics
- Implementation



- Current activities
- Other Uses of equipment
- Next steps

Directed Inspection & Maintenance - Inception

- 2007 launch of EnCana's energy efficiency initiative
- October 2007 EHS Summit brought environmental and operations staff together
- DI&M became a priority for 2007 energy efficiency project for US Division



DI&M – Project Economics

- Energy Efficiency Fund utilized for capitol costs of equipment and training
 - 6 FLIR cameras, 4 Hi Flow Samplers, Training for 15 employees
- Project approval based on positive payback

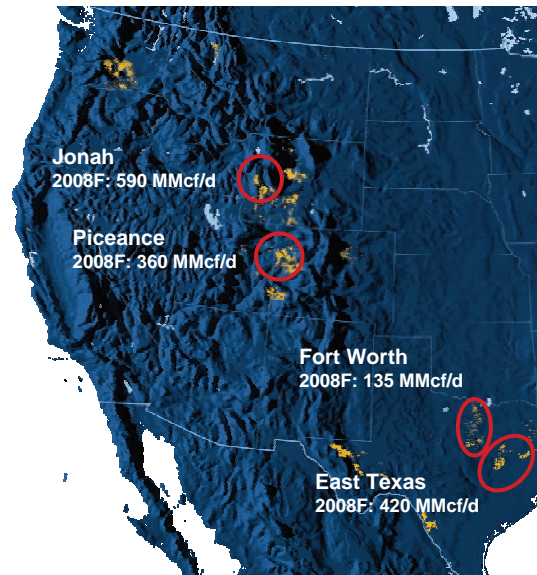
Total Capitol	\$778,800.00
CO ₂ Equivalent Avoided	165,916
Natural Gas Conserved (mmscfd)	0.982
IRR (%)	123%
NPV9 (\$MM)	5.30

Project Economics - Assumptions

- 1860 production sites monitored per year
- 35 compressor stations monitored per year
- Based on \$6.50/mcf and 1000 btu/scf
- Leak rates as high as 17 mcf/d/station based on PRO Gas Star papers

DI&M – Implementation

- US Division wide implementation Production and Midstream facilities
- Equipment distributed across 4 business units, operations and EH&S Staff
- Informal FLIR camera training
- Preliminary leak surveys currently underway



DI&M – Implementation Schedule

- March – June 2008: Preliminary field surveys to support protocol development
- June 2008 – Protocol finalized, and formal FLIR camera training
- July – September – Additional data taken
- October 2008 – Internal review of data and report preparation
- November/December 2008 – Determine testing frequency and final report roll out

DI&M – Current Activities



FLIR Camera & Hi Flow Sampler

- Equipment being used to demonstrate effectiveness of new technologies
 - Miser valve test
- Aids with justifying new projects to be funded by the Energy Efficiency Fund
 - Replacing rod packing

DI&M – Next Steps

- Formal FLIR camera training for all camera users – June 2008
- Finalize protocols and implement program Division wide
- Reduce methane emissions and save gas!



For more information contact:

Cindy Allen

Air Quality Specialist – Midstream Services

Cindy.allen@encana.com

720-876-5474