



SPOG

SUNDRE PETROLEUM OPERATORS GROUP



SPOG Office - 403-638-5117

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www.spog.ab.ca

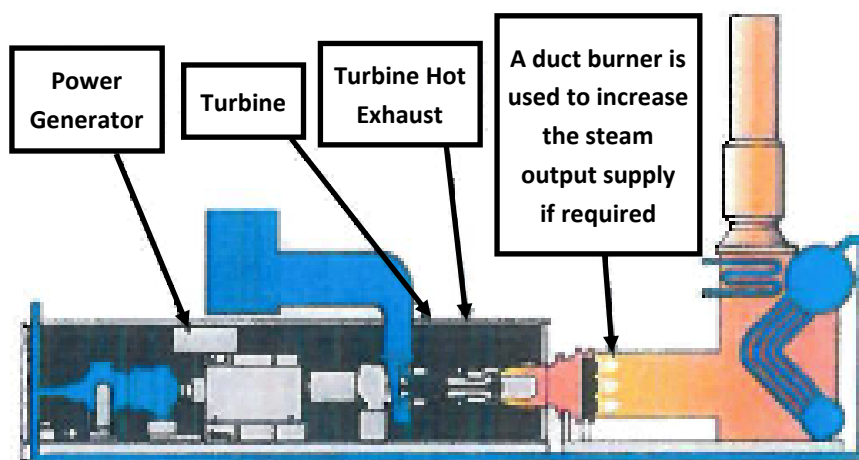
Harmattan Gas Plant Cogeneration **Making Power**

Cogeneration is the simultaneous production of two or more forms or useful energy, usually electricity and heat, from a single fuel source. The third cogeneration unit is being installed within the Harmattan Gas Plant boundary. Construction started in 2014 and will be completed in spring of 2015.

homes) but instead of steam it will produce Hot Oil which is currently being supplied by a fired burner.

The units are all located in the SW corner of the plant to allow the utilization of common inter-connections for all three units.

The cogeneration will be used to



Proposed Cogeneration Schematic

In 2009 the first 15 MW cogeneration unit was installed and was in service in 2010. The second cogeneration unit was installed in 2011 and in service in 2012. Both of these units are being used to provide power and steam (off the turbine exhaust) for the operation of the plant. The third cogeneration unit will provide power (enough electricity to power 5,000

operate the plant with the export of the excess power to the Alberta Integrated System by means of Fortis 25 kV distribution system. Utilizing cogeneration instead of typical generation process will eliminate almost 50 ton of CO₂ emissions every year. That's the equivalent of removing about 8,000 cars from the road.

Clearwater Trails Initiative



The Rig Street area, like much of the Alberta green area, has a myriad of industry roads, facility sites (active and inactive) and pipeline, cutline and power line right of ways (ROW's) that the public has adopted as random trails and campsites.

Issues arise in that these ROW's generally run in straight lines, crossing whatever habitat is on the route. Consequently, easily damaged wet areas and steep hills are on trails, leading to environmental damage and, in some cases, loss of mandated pipeline cover or even pipeline exposure and damage. Industry has experienced significant costs repairing ROW damage. Industry also has concerns with camping on unsafe sites such as sour gas wells and close to pipeline risers.

The Rig Street pilot project would utilize existing corridors and facility sites as trails and campsites. Sensitive areas would be managed via trail improvements such as hard crossings, matting and bridges, detouring traffic around a sensitive area, or if necessary, trail closure with a clearly defined alternate route.

Industry involvement is important to identify trail and campsite locations where public and facility safety is a concern.

IMPACT

Industry, Municipal, Public Action on Communication and Trust

AER Best-In-Class Project

The Alberta Energy Regulator (AER) held a province wide dialogue on regulatory excellence April 12-14 as part of a project that will provide the organization with the necessary tools and framework to become a best-in-class energy regulator.

Following a competitive bidding process, the AER selected the University of Pennsylvania's Penn Program on Regulation to undertake the best-in-class project.

The best-in-class project has three main objectives:

- To identify the key attributes of a best-in-class regulator
- To understand how the AER can adopt these attributes
- To identify how to measure the concept of best in class in a credible manner.

"We recognize it is not enough to do our job well and simply declare ourselves as best-in-class," said president and chief executive officer Jim Ellis. "To be collaborative and transparent, we must define what that means, ensure that our stakeholders agree with that definition, and take the necessary steps to improve our regulatory performance."

When the University of Pennsylvania delivers a peer-reviewed framework by the summer of 2015, the AER expects to measure its performance against best-in-class attributes on a regular basis. Updates on the project will be posted to Penn Program on Regulation's [best-in-class website](#).

The best-in-class project is closely linked to the AER's efforts to be a regulator that is protective, effective, efficient, and credible.

*Shell Canada
invites area stakeholders to its*

***Swing into Spring BBQ**
on the following dates:*

Graham Hall – May 25

Harmattan – May 26

Eagle Hill – May 27

Crammond – June 3

James River – June 4

Doors open at 5:00.

Supper served at 5:30.

*Come enjoy a steak BBQ,
a visit with your neighbours,
a short update on Shell's activity
and the chance to win
a \$100.00 Shell card.*

*For information please contact
Alice Murray at (403) 722-7049.*

The Harmattan Gas Plant owned by Taylor Processing Inc. located at NE 27-31-4-W5M is shutdown for turnaround in May. Other companies who process their gas at Harmattan will be impacted and will reroute their gas or take the opportunity to do turnarounds as well Apache, Bonavista, Lightstream, Bellatrix, Pengrowth, Taqa, and Imperial.



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