

# NOVEMBER/DECEMBER 2012 CONNECTION

## Season Greetings Friends and Neighbours!

Now in my third month as Genesee Station Plant Manager I am starting to settle in and looking forward to getting out in the community to meet our neighbours.

As the year comes to a close, I'd like to recognize the successes that Capital Power and its employees had this year and the meaningful opportunities we had to meet with our neighbours and stakeholders.

- We successfully completed turn-arounds for units G2 and G3. Both were completed without incident, thanks to our hard working employees and contractors;
- The Genesee Mine Research Field Day – approximately 180 community members attended;
- First Annual Genesee Station Public Tour – 18 community members attended;
- Two community first aid courses – approximately 36 community members received training, and;
- Warburg Canada Day – we hosted a tent, handed out cupcakes and sponsored face painting.

In this newsletter you will find the following articles:

- New Receiving and Storage Building
- Genesee Station Community Tour
- Shovel Crossing
- Fall Cattle Round-up
- Tree Clearing on HWY 770
- Public Coal Sales



**Sean Furey.**

Safety continues to be a number one priority for Capital Power. We encourage motorists that witness unsafe or aggressive driving behaviour in the area to report license plate numbers and a vehicle description to the RCMP and also contact Capital Power's Community Consultation line by contacting Community Consultation at **780-848-8474** so license plate numbers can be verified on site.

A handwritten signature in blue ink, appearing to read 'Sean Furey', written over a white background.

**SEAN FUREY, Plant Manager**  
**Genesee Generating Station, Capital Power**

## GENESEEE STATION

BOX 20, SITE 2, RR #1  
WARBURG, ALBERTA T0C 2T0 CANADA

## Public Coal Sales

Many people use coal as an economical source of fuel for heating their homes or greenhouses.

Again this winter, public coal sales are available at Genesee Station by appointment only on Saturday mornings. Please contact Lorne or Sharon Lawrence at **780-789-2117** to book an appointment.

The coal is sold in “mini bulk” bags containing a minimum of one tonne of coal at a cost of \$45 including GST per bag. The lump coal is screened and is approximately three inches in size and larger.

## New Receiving and Storage Building



You have probably noticed a new building under construction at the entrance to Genesee Station; this building is our new Transfer Facility. The building is 100' x 150' and its main purpose is to house the receiving and shipping functions for Genesee Station. Disposals will also be coordinated here.

“The building will provide a location for materials arriving and leaving Genesee Station, eliminating a large portion of on-site traffic,” said Don Edl, Manager, Genesee Warehousing. “The secondary function of the building will be to provide storage and staging services for materials specific to certain jobs. It has been a struggle in the past to find this space.”

The current receiving location is a fairly congested location both inside and outside, requiring delivery drivers to travel well into the plant site. By moving delivery traffic and materials away from this location, we are removing a potential safety hazard. Also, by providing additional space for shipping and receiving, we are better able to manage the flow of materials. The building should be fully operational by January 2013.

## Shovel Crossing



Traffic was diverted off of HWY 770 and around the mine on October 26 between the hours of 8 pm and 4 am; this was so that the Genesee Mine's P&H 4100C shovel could cross HWY 770 from the East Field to the West Field.

“The crossing was completed safely and successfully and the Mine's pre-strip fleet can now be seen operating in our West Field,” said Cameron Smith, Engineering Manager – Genesee Mine. “We would like to thank the Genesee community for their patience during the move.”

## Report Wildlife – Wildlife Monitoring

Capital Power continues the Wildlife Monitoring program on the main thoroughfares around the Genesee Station to determine areas that show high frequency for wildlife-vehicle collisions.

Capital Power shares this report with Leduc County and it is incorporated into the bio-monitoring program that is ongoing in the Genesee area. Reported incidents are used as a basis to improve visibility or signage in those areas considered most frequented by wildlife.

Call **780-848-8474** to report the location of any road kill sightings or accidents involving wildlife, or to report any wildlife concerns in the Genesee area.

## Cattle Round-Up 2012

From October 29 to 31, the cattle residing in the Genesee Community Pasture were rounded up and sent home for the winter.

“The 2012 grazing season lasted from May 24 to October 31 and saw 800 cow/calf pairs living on 5000 acres of pasture,” said Jennifer Linder, Land Management Project Coordinator. “The cattle are split into herds and moved from pasture to pasture throughout the grazing season, allowing the grass time to regrow and remain healthy for years to come.”



The cattle are owned by twelve different owners from Leduc and Parkland Counties. The Genesee Community Pasture has been in operation for over 20 years, and will continue to be for many more years.

For more information about community pasture operations, please contact Jennifer Linder (**780-969-8706**) or George Greenhough (**780-969-8618**).

## Genesee Station Community Tour

On November 17, employees at Genesee Station toured 18 community members through the three generating units.



“We thoroughly enjoyed being able to show Genesee Station to our neighbours for the first time in several years,” said Randy Oleschuk, Shared Services Senior Manager. “This is a first class operation and it is great that we are again able to show it off. We look forward to hosting the community next year.”

## Highway 770 Safety

Capital Power recently completed a tree brushing project jointly with Alberta Transportation at the Genesee Bridge. Trees along the south side of the Genesee Bridge were shading the road surface and preventing the sun from clearing frost from the road surface. This icy patch has caused a number of vehicles to hit the ditch on the east side of the bridge over the last few years.

Removal of these trees allows more sunlight to reach the pavement which will help with the melting of snow and ice during the winter months.

“Safety is very important to Capital Power,” said George Greenhough, Land Manager, “and this initiative helps to ensure that area residents, Capital Power and Prairie Mine employees can get where they are going safely.”

There will be more mulching along HWY 770 this winter, closer to the power plant. Fence lines in some areas will be cleared allowing more visibility to help prevent wildlife collisions.

## In Your Community

### Community Advisory Task Group (CATG) Meeting – October 2012

On October 24, the Capital Power CATG met for the third time in 2012. This was the last meeting for four of the eight members.

Every two years at the end of the term Capital Power directs a donation on behalf of the CATG. This year the CATG decided to direct \$1000.00 to both the Cloverleaf Manor Residents Club and the Warburg Blooming Buddies. Each CATG member received a gift certificate to the Keg as a thank you for their time this year.

For a copy of the meeting minutes please visit the Capital Power website at [www.capitalpower.com](http://www.capitalpower.com) (search “CATG”). If you would like to receive a copy of the meeting minutes by mail please contact Lee Simants, Public Consultation at **780-848-8474** or [lsimants@capitalpower.com](mailto:lsimants@capitalpower.com).

## What Is Important to You?

The *Genesee Station Connection* newsletter is written for members of the Genesee community. We think it's important for our neighbours to have the opportunity to learn and ask questions about our operations and our activity in the community.

Topics are chosen that we think would be of interest to our readers, but as this is a newsletter for neighbours, we want to know what *you* would like to read about.

Help us continue to improve the newsletter by telling us what kind of information you would be interested to learn more about. Comments and suggestions can be made by contacting the Community Outreach Team (contact information on back page).

## All You Want in a Career

Are you, or is someone you know, interested in working at Capital Power?

We provide careers that offer professional growth, new challenges, recognition and long-term satisfaction.

For more information on starting a career with Capital Power and to view current job opportunities, visit our website at [www.capitalpower.com/careers](http://www.capitalpower.com/careers). Capital Power is an equal opportunity employer.

Sherritt Coal wants you to start now, grow professionally and emerge as a leader in the coal mining industry, where there are opportunities in a number of work areas. For more information about Sherritt Coal's business, or to view all current job opportunities, visit [www.sherritt.com](http://www.sherritt.com).

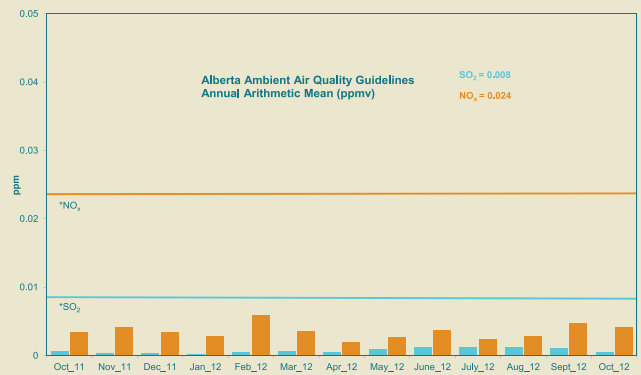
## Genesee Station Environmental Performance

The following graphs show the most recent environmental performance results:

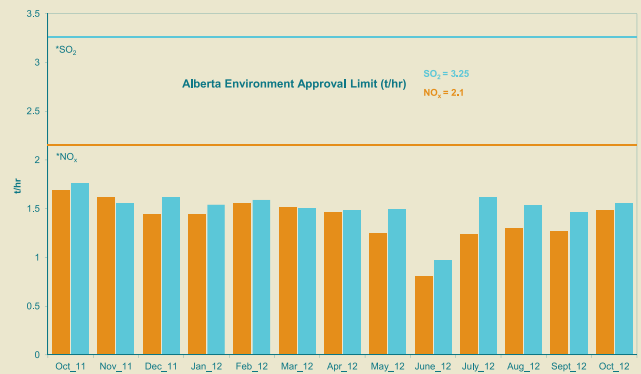
- ▣ Ambient air quality as measured by the Genesee ambient air monitoring trailer;
- ▣ Stack emissions for stack one (for generating units 1 and 2);
- ▣ Stack emissions for stack two (for generating unit 3).

Measurements are compared to guidelines and approval limits set by Alberta Environment. Genesee continues to operate below maximum levels set for ambient air quality and stack approval limits.

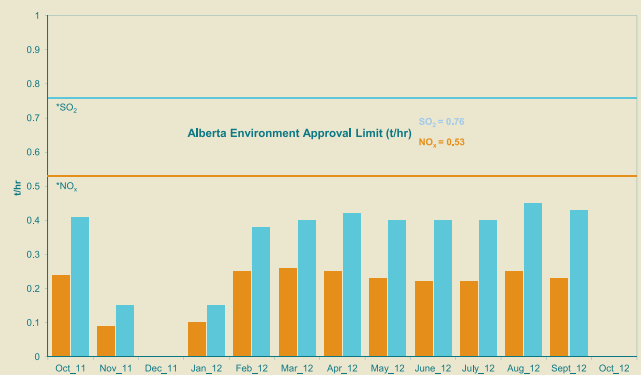
### AMBIENT EMISSION LEVELS



### G1/2 EMISSION LEVELS



### G3 EMISSION LEVELS



*\*Sulphur Dioxide (SO<sub>2</sub>): a strong smelling, colourless gas that is formed by the combustion of fossil fuels. In high concentrations, SO<sub>2</sub> is known to be harmful to vegetation and human health. SO<sub>2</sub> is soluble in water and excessive levels can lead to sulfuric acid deposition or acid rain.*

*Nitrogen Oxides (NO<sub>x</sub>): the term used to describe NO (nitrogen oxide), NO<sub>2</sub> (nitrogen dioxide) and other nitrogen oxides. The major sources of man-made NO<sub>x</sub> are high-temperature combustion processes, such as those occurring in automobiles and power plants. When concentration is high, NO<sub>x</sub> is of concern because it contributes to ground-level ozone or smog. Genesee 3 approval limits are based on a 720 hour rolling average.*

*Note: All results are converted to reference standard conditions so as to be comparable to other coal fired plants in Alberta and elsewhere, and are dry concentrations corrected to 50% excess air; ppm: parts per million. An example of the quantity of Sulphur Dioxide and Nitrogen Oxides measured at ambient air sites in parts per million would be equal to approximately 1/100th of a grain of salt per breath of air. G3 has separate approval limits from G1 and G2 for its stack emissions. G3 approval limits are in terms of a mass emission rate (i.e. tonnes per hour). To be consistent for all units, we have shown G1 and G2 emissions and limits in tonnes /hour as well.*

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1200 – 10423 101 STREET NW  
EDMONTON, AB T5H 0E9



## GENESEE CONTACT INFORMATION

Below are some contact numbers if you have questions or comments about our operations, community outreach or our land management practices:

Generating Station Reception  
**780-848-8300**

Community Consultation,  
Lee Simants **780-848-8474**  
**PublicConsultation@capitalpower.com**

Manager, Environment & Land Services  
George Greenhough **780-969-8618**

Genesee Guardhouse  
(24-hour Security)  
**780-969-8505**

Capital Power Website  
**www.capitalpower.com**



We are proud community members and appreciate receiving feedback from our neighbours about how we can improve our business practices, communication and our outreach.

To help us keep our records up to date and ensure you continue to receive this newsletter, please contact Capital Power Genesee Community Consultation if you are moving, your contact information changes, or if you prefer we do not store or use your personal information.

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