

The County of Peterborough
Waste Management Committee

To: Chair and Members of Committee
From: Chris Bradley, Director of Public Works
Date: March 4, 2013

Subject: Landfill Gas Generation Unit - Update

Recommendation: Receive for information.

Financial Impact: None at this time

Background/Analysis:

The purpose of this report is to update the Waste Management Committee on the status and progress of the Landfill Gas Generation plant under development at the Peterborough County/City Waste Management Facility.

Since the last update, the project has moved along with challenges and rewards. Peterborough Utilities Inc. (PUI) has completed the regulatory approval process and has applied for a generator license from the Ontario Energy Board, anticipated to be issued sometime around the end of February.

The on-site civil works have been completed and the delivery of the major pieces of equipment such as the generator, switch gear, transformer, and related components took place the week of February 11, 2013. At this time the equipment is being positioned for the next 20 plus years. Upon completion of the installation of the equipment, the connection of the electrical and mechanical systems will commence with the backfeed to the station service, scheduled for March 8, 2013. The installation of the 27.6 Kva hydro line from Bensfort Road to the generation facility also commenced the week of February 11, 2013. This construction work will be running parallel with the installation of the generating station and is scheduled to be completed prior to the backfeed date of March 8, 2013.

Once the backfeed is complete the start of the on-site commissioning stage of the generating facility will commence. The scheduled commercial operation date (COD) of the Landfill Gas Generation plant is scheduled for April 25, 2013.

As we draw closer to the scheduled commercial operation date, staff will coordinate an official opening of the plant with representation from the County, City, and media.

Respectfully submitted,

Chris Bradley, B.A., M.P.A.
Director of Public Works