

Gross Load Billing (GLB) for Transmission Connected Customers

What customers are subject to Gross Load Billing?

Gross Load Billing (GLB) is applicable to transmission connected LDC's that have connected or are connecting generation projects and to load customers with load displacement generation.

What criteria qualify a customer for Gross Load Billing?

1. The required approval for such generation was obtained after October 30, 1998
 - The gross load billing will be applicable to the generation facility if any single generating unit at the facility exceeds the threshold listed below, regardless of cumulative size of the generation facility equal to or greater than 1 MW with **non-renewable generation**
 - equal to or greater than 2 MW for **renewable generation** (wind, solar, biomass, bio-oil, bio-gas, landfill gas, or water).

Why are customers with Load Displacement Generators Gross Load Billed?

As per the OEB approved Hydro One transmission rates, Gross Load Billing recovers the costs Hydro One incurs to build and maintain the assets needed in order to meet the customer's maximum demand.

<http://www.hydroone.com/REGULATORYAFFAIRS/Pages/RateSchedules.aspx>

What is the process for my annual reconciliation invoice?

On an annual basis meter data for the generation production will need to be gathered and provided to Hydro One for analysis. This analysis is done on behalf of the IESO.

Once the meter data has been verified it's submitted to the IESO for processing and invoicing. The applicable customer will see a GLB charge on an upcoming invoice from the IESO that will recover the GLB impact.

The GLB adjustment impacts two variable charges.

1. Line Connection Charge (See [OEB approved Hydro One transmission rate schedule](#) for current)
2. Transmission Connection Charge (See [OEB approved Hydro One transmission rate schedule](#) for current)

What are the metering requirements for GLB?

To find out the metering requirements for your project visit the IESO Market Rule – Chapter 6, 4.5 Alternative Metering Installation Standards for Embedded Generation Facilities.

http://www.ieso.ca/Documents/marketRules/mr_chapter6.pdf

Who is responsible for filing out Form 1563 and returning it to the IESO?

Meter Service Provider (MSP) is responsible for completing form 1563 and submitting to the IESO.

See "Figure 2-6: Work Flow for an Embedded Generation Facility registered under the Alternative Metering Installation Standards for Embedded Generation Facilities" in market Manual 3. Refer to link below.

http://www.ieso.ca/Documents/metering/mtr_DeliveryPointRelationships.pdf

Contact information

Hydro One Transmission and Distribution Settlements Department: TxDx@HydroOne.com

Example of customer billing impact

Example of billing Impact for a new 1.56 MW generator (at 100% output)

Monthly Output	Line Connection (0.86)	Transmission Connection (2.00)
52,588.17	45,225.83	105,176.34
Generation Input		
1,560.00	1,341.60	3,120.00
After Adjustment		
54,148.00	46,567.28	108,296.00
Monthly Impact	1,341.60	3,120.00
Annual Impact	16,099.20	37,440.00
	Annual Total Impact	53,539.20
NOTE: Annual impact amount is what you would see on your annual adjustment invoice from the IESO		