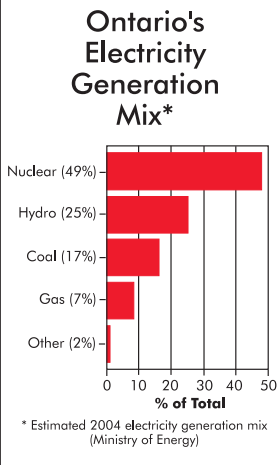


**Electricity Facts**



Ontario's electricity generation mix is a combination of nuclear energy, water power, coal, natural gas and alternative power sources (solar, wind, biomass or waste).

**Helping Brampton Businesses Improve Efficiency And Save On Electricity Costs**

**W**ith the rising cost of energy, you may be seeking innovative ways of increasing energy efficiency in your business while reducing energy use.

As part of our commitment to our Conservation and Demand Management (CDM) Plan, Hydro One Brampton is here to help our business customers take control of their electricity costs.

For more information on our CDM Plan and how we can help, please visit our website at [www.HydroOneBrampton.com](http://www.HydroOneBrampton.com)

**New FREE 'Online' Analysis Tool for Interval-Metered Customers**

Hydro One Brampton has launched a free service that enables our business customers to access their electricity consumption data on-line on an hour-by-hour, 24 hours a day, 7 days a week basis.



Businesses can log-in to a secure website to quickly obtain information on their consumption patterns, and make decisions on any operational changes and/or load-shifting opportunities that may exist in their facility.

If you are an interval-metered customer, feel free to visit our website at [www.HydroOneBrampton.com](http://www.HydroOneBrampton.com), click on **Business Customers** and look for the link Interval-Metered Customers – Hourly Electricity Consumption Data. If you have never used this free service, send an email to [interval@HydroOneBrampton.com](mailto:interval@HydroOneBrampton.com) to request your Password and Username.

If you are not an Interval-Metered customer, but wish to become one, contact Tom Semler at (905) 452-5516.

*NOTE: Your email requesting a Password and Username must be sent to us from your company for verification.*

**Office Energy Savings**

Most businesses today, whether small or large, have computers and other electronic equipment that can be used more efficiently to help save energy. The following facts will help you keep your office energy costs to a minimum.

- ENERGY STAR® qualified computer equipment uses up to 80% less electricity than non-qualified computer equipment
- Most office equipment is used an average of 10% of



the time the power is on - set it to 'low power mode' when it is not in use – this will save energy and your equipment will run cooler and last longer

- Screensavers are screensavers, not energy-savers – turn off your monitor when it's not in use – it use over half of your computer system's energy
- Consider purchasing an all-in-one fax/printer/scanner/copier machine – one unit will use less energy than four separate machines

## Poor Power Factor Can Increase Your Electricity Costs

Power factor is a measure of how efficiently you use your electricity. Electrical devices, such as motors, induction furnaces or lighting ballasts in large numbers can cause poor power factor. These types of devices will draw larger amounts of current than what is required to do their job and will result in a higher kilovolt amps (kVA) reading on your hydro meter. Power factor is actually the ratio of peak kW demand divided by peak kVA demand on your meter.

*Don't worry there is a remedy for this problem.* Installing capacitors will correct poor power factors and can eliminate any power factor penalties that you may be incurring on your bill.

If your facility has a poor power factor and you would like a customized analysis performed to determine the level of penalties that you have paid in the past year, contact Tom Semler at (905) 452-5516.

### Benefits of Power Factor Correction

By optimizing your energy use you can:

- ✓ Reduce electricity costs by eliminating power factor penalties
- ✓ Free up transformer and distribution system capacity
- ✓ Prolong equipment operating life by reducing heat
- ✓ Delay costly upgrades
- ✓ Reduce line losses
- ✓ Improve energy efficiency

**Remember, power factor correction will save you money!**

## Electricity Rebate for Ontario Businesses

*Businesses that pay the wholesale price for electricity have been receiving rebates on their electricity bills from Hydro One Brampton affecting the final commodity price they pay.*

### Provincial Benefit

The Provincial Benefit, appearing since January 2005 on the bills of customers using more than 250,000 kilowatt-hours (kWhs), accounts for differences between the market price and the price paid to regulated and contracted generators.

*NOTE: If you have a contract with a licensed electricity retailer and you consume more than 250,000 kWh/year, you are eligible for the Provincial Benefit.*

To date, the Provincial Benefit has been a credit of:

Rate (¢/kWh)	Month (2005)
0.01	January - June
0.60	July
1.25	August
1.70	September
2.00	October

### Rebate on OPG Non-Prescribed Assets (ONPA)

The Government of Ontario has set a price of 4.7¢/kWh on 85 per cent of the output from Ontario Power Generation's (OPG) coal-fired and smaller hydro-electric operations, which will be lifted on April 30, 2006. Customers paying the wholesale price for electricity can expect to see a refund on their bills next summer for monies collected above the set price\*.

*\*Customers with a retail contract may or may not receive this rebate depending on their contract provisions and should contact their electricity retailer for more information.*

	Average Ontario Weighted Price	Provincial Benefit	Estimated ONPA Rebate	Rate You Pay
September	9.97¢/kWh	1.70¢/kWh	0.64¢/kWh	7.63¢/kWh
April 1 - September 30	7.85¢/kWh	0.60¢/kWh	0.64¢/kWh	6.61¢/kWh

## Customer Generator Installations

In today's business environment, many customers are installing generators in order to be able to operate (even at reduced capacity) during power outages. And we are confident that any qualified electrical contractor would have had the electrical installation inspected by the Electrical Safety Authority (ESA) for your safety.

However, it is important for Hydro One Brampton to know which customers operate generators at their facilities. This knowledge will allow us to safely operate and maintain the distribution system that services your facility.

If you do have a generator at your facility, we would appreciate your cooperation by providing the following details:

Size of generator: \_\_\_\_\_ kva  
 Voltage of Generator: \_\_\_\_\_ volts  
 Transfer switch type: \_\_\_\_\_ automatic or \_\_\_\_\_ manual  
 Generator fuel type: \_\_\_\_\_ (diesel, propane, natural gas, gasoline)

Please forward all information to Technical Services at (905) 452-5533 or by email at mhale@hydroonebrampton.com.

