



## Work Safety Tips

### Look Up!

Keep you and your equipment at least 3 m (10 ft) away from power lines

### Look Out!

Survey the work site for any overhead high-voltage power lines

### Locate!

Call us at (905) 840-6300 ext. 3241 before you dig to locate any underground power lines

## New Commercial Distribution Rates in effect May 1, 2011

The Ontario Energy Board, responsible for regulating the distribution rates of utilities across the Province, has given approval to Hydro One Brampton Networks Inc. ("Hydro One Brampton") for an adjustment to rates and charges. These changes will affect various components of your electricity bill, effective May 1, 2011.

These adjustments to Hydro One Brampton's distribution rates impact the monthly service and volumetric charges.

*Your new distribution and transmission rates are as follows:*

### **(General Service - less than 50 kW)**

The monthly service charge will decrease from \$20.27 to \$17.61 and the distribution volumetric rate will decrease from \$0.0178 to \$0.0155 per kilowatt-hour. The transmission network rate will increase from \$0.0055 to \$0.0058 per kilowatt-hour and the transmission connection rate will decrease from \$0.0044 to \$0.0043 per kilowatt-hour.

### **(General Service - 50 kW to 699 kW)**

The monthly service charge will increase from \$101.68 to \$107.48 and the distribution volumetric rate will increase from \$2.2935 to \$2.4192 per kilowatt. The transmission network rate will increase from \$2.1307 to \$2.2646 per kilowatt and the transmission connection rate will decrease from \$1.6973 to \$1.6776 per kilowatt.

### **(General Service - 700 kW to 4999 kW)**

The monthly service charge will decrease from \$1,410.45 to \$1,227.95 and the distribution volumetric rate will decrease from \$3.7355 to \$3.5321 per kilowatt. The transmission network rate will increase from \$2.3896 to \$2.5397 per kilowatt and the transmission connection rate will decrease from \$1.8245 to \$1.8033 per kilowatt.

### **(Large Use - greater than 5000 kW)**

The monthly service charge will decrease from \$4,722.33 to \$4,395.85 and the distribution volumetric rate will decrease from \$2.9023 to \$2.1293 per kilowatt. The transmission network rate will increase from \$2.7045 to \$2.8744 per kilowatt and the transmission connection rate will decrease from \$2.1088 to \$2.0843 per kilowatt.

*For a complete listing of rates and charges, please refer to our website at [www.HydroOneBrampton.com](http://www.HydroOneBrampton.com)*

### CONTACT INFORMATION

#### **Ontario Energy Board**

For more information on the setting of transmission and distribution rates, retail licenses, codes of conduct for retailer, contracts and consumer protection issues, visit [www.ontarioenergyboard.ca](http://www.ontarioenergyboard.ca)

#### **Hydro One Brampton Networks Inc.**

We are interested in hearing your comments, questions and suggestions on how we may better serve your electricity needs, now and in the future. Please feel free to contact us at (905) 840-6300 or visit us at our website [www.HydroOneBrampton.com](http://www.HydroOneBrampton.com)

# Tipco Inc. (Testimonial)

A success story of Hydro One Brampton's conservation program delivery

In the metal forming industry, Tipco is considered one of the leading suppliers of punch tooling. The company began in 1959 in a 3,000 square foot building in Rexdale, with 6 employees. Today it employs over 150 people in 8 different manufacturing locations worldwide, with its headquarters in Brampton. In addition to the manufacture of punch tooling, Tipco now offers a range of products and services including blade punches, die springs, scrap removers, gas springs, heat treating, jig grinding and servo in-die tapping units.

Tipco prides itself in being able to offer its customers high quality products and great service. Investing in the latest manufacturing technologies and keeping operational costs as low as possible has given the company its competitive edge globally.

With the rising cost of energy, and concerns about the impact on the environment from energy use coming to the forefront of business practise, Tipco recognized the need to re-evaluate some of their manufacturing processes. After some independent research and project implementation, Tipco's Heat Treatment Division's General Manager, Glen Sampano, contacted Hydro One Brampton to see if there were any incentive programs that could help supplement the cost of Tipco's energy reduction project.

That's where Hydro One Brampton's Electricity Retrofit Incentive Program (ERIP) for commercial, industrial, institutional and agricultural businesses fit in.

Offered through Hydro One Brampton, in partnership with the Ontario Power Authority, ERIP offers a financial incentive to companies who are interested in reducing electricity consumption through the upgrade or replacement of motors, heating ventilation and air-conditioning, lighting systems, and any other equipment using electrical power.

Tipco took advantage of the ERIP program and submitted an application to help offset the cost of decommissioning their old Saltbath (heat treatment) System and shifting the Saltbath load to a more efficient Vacuum System.

After some additional investigation, Tipco discovered that a 150 horsepower air compressor was running continuously, 24 hours per day, when it was only necessary for it to run for 9 hours. Tipco included in their application, the addition of two new air compressors with a total capacity of 12.5 horsepower to operate the remaining 15 hours.

The shifting of the Saltbath load to a more efficient Vacuum System, and the addition of the two smaller air compressors, realized an energy demand reduction of 121 kilowatts.

*The 'old' Saltbath Heat Treatment System (right) was decommissioned, and the Saltbath load was picked up by the more efficient Vacuum System (below).*



Tipco Incorporated's energy reduction project included:

- decommissioning of old Saltbath Heat Treatment System
- shifting Saltbath load to a more efficient Vacuum System
- replacing 150HP compressor for 15 hour shift with two air compressors equalling 12.5HP
- both projects resulted in a 121 kilowatt reduction in energy demand
- Tipco achieved an overall energy savings of 14%

Upon completion of both projects, Tipco Inc. realized a total average demand reduction of 121 kilowatts.

Hydro One Brampton congratulates Tipco Incorporated for their commitment to energy efficiency!

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