

About the IESO

Bringing together almost 300 generators, traders, utilities, transmitters and large volume consumers, the Independent Electricity System Operator (IESO) manages the wholesale electricity market and oversees the reliable operation of the electricity grid in Ontario.

The IESO was established in 1998 as a non-profit, corporate entity without share capital, through the *Electricity Act, 1998*, to fulfill the following responsibilities:

- Direct the operation and maintain the reliability of the IESO-controlled grid
- Operate the wholesale electricity market, overseeing the development of the rules that govern the market, and supporting participants in their interactions with the market
- Act as the Reliability Co-ordinator for the province, developing and enforcing reliability standards
- Provide forecasts and evaluations of Ontario's current and short-term electricity needs and the adequacy and reliability of the integrated power system to meet those needs
- Coordinate activities with system operator counterparts outside Ontario
- Manage the settlements and financial operations of the \$10 billion wholesale market
- Oversee emergency preparedness activities for Ontario's power system
- Evolve the wholesale market for the benefit of all consumers working in partnership with stakeholders



Independent of all other electricity marketplace participants, the IESO is governed by an independent Board of Directors, appointed by the Minister of Energy and Infrastructure. Its fees are paid through the IESO Administration Service Charge, currently set at \$0.822/MWh and approved by the Ontario Energy Board. This charge is just one component of the Wholesale Market Service Charge found on consumer bills.

Fast Facts (year-end 2008)

Installed Capacity:	33,045 MW
Record Summer Peak:	27,005 MW (August 1, 2006)
Record Winter Peak:	24,979 MW (December 20, 2004)
Total Annual Energy Consumed:	148 TWh
Customers:	4.5 million
Transmission Lines:	30,000 km
Ontario Import Capability:	4,000 MW
IESO Wholesale Market:	\$10 billion
Average Weighted Price:	5.2 ¢/kWh (before adjustments)

Ontario Energy Production by Fuel Type

