

Distributed Generation Technology to Manage Electricity Prices in Ontario - A Case Study

*Martin Lensink, P. Eng., Principal-In-Charge
CEM Engineering*

Customers who regularly consume power in Ontario pay for power differently than customers who consume less than 3 MW regularly. For those over 3 MW customers, roughly 45% - 50% of their annual electricity cost is based on how much power they consume on the five peak hours for the year. This presentation will summarize the technical and financial feasibility of a distributed generation system to reduce and manage these electricity prices. It will also highlight briefly some of the implementation challenges.