

Ontario's Industrial Conservation Initiative (ICI)

The Industrial Conservation Initiative provides a strong incentive for industrial electricity consumers to shift their electricity consumption to off-peak hours to reduce their bills by up to one-third. By reducing the province's peak demand, the Industrial Conservation Initiative reduces electricity system costs by deferring the need to build peaking generation.

There are currently two classes of consumers:

- "Class A" includes those consumers with monthly peak demand exceeding three megawatts, subject to eligibility requirements. Under ICI, Class A consumers are charged Global Adjustment on the basis of their share of the total system demand during the highest five peak hours of the year. Currently there are about 300 Class A consumers who collectively have reduced Ontario's peak demand by about 1,000 MW.
- "Class B" includes all other consumers. In addition to Regulated Price Plan consumers (i.e., most residential, small business and farms), there are roughly 55,000 commercial, institutional and small industrial consumers that are charged Global Adjustment as a flat rate applied to their total consumption. In total, there are over 5 million Class B consumers in the province.

Ontario is proposing to expand the ICI program to include more than one thousand newly eligible customers with monthly peak demand greater than one megawatt, down from the current threshold of three megawatts. In addition, sector restrictions would be removed and smaller industrial, institutional and commercial businesses would be eligible to participate.

Expanding participation in the ICI program would:

- Reduce cost pressures on the electricity system by empowering more consumers to lower their electricity demand during peak periods; and
- Reduce electricity bills for new ICI participants who are able to reduce their electricity demand during peak demand periods.

Newly eligible Class A customers would have the opportunity to opt-in to the ICI program.

Case Study

A commercial operation with an average peak demand of 2 MW that participates in the ICI program could see its electricity costs reduced from \$154 per MWh to as low as \$102 per MWh. This would translate into approximate savings of up to \$42,000 per month.

Commented [WJ1]: Fact check please

Commented [LH2]: About 5M that are residential and GS<50. Another 55,000 that are GS>50.

665 are large users and sub-transmission, including some of which are Class A.

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