



Global Adjustment

Maximize your savings potential through advanced Monitoring and Control

What is Global Adjustment?

- Global Adjustment (GA) accounts for the difference between the spot price of electricity and the rates paid to generators in Ontario.
- GA represents up to 70% of your electricity bill
- GA has two classes:
 - Class A
 - Participants in the Industrial Conservation Initiative (ICI) program are referred to as Class A
 - Consumers pay GA based on their percentage contribution to the top 5 system peaks in Ontario over a 12-month base period
 - Class B
 - Consumers pay the outstanding GA amount based on consumption

35%

Energy Savings

Class A customers can save **up to 35%** on total energy costs through **strategic peak demand management** vs Class B customers using the same amount of energy

Strategies for Reducing your Global Adjustment Costs

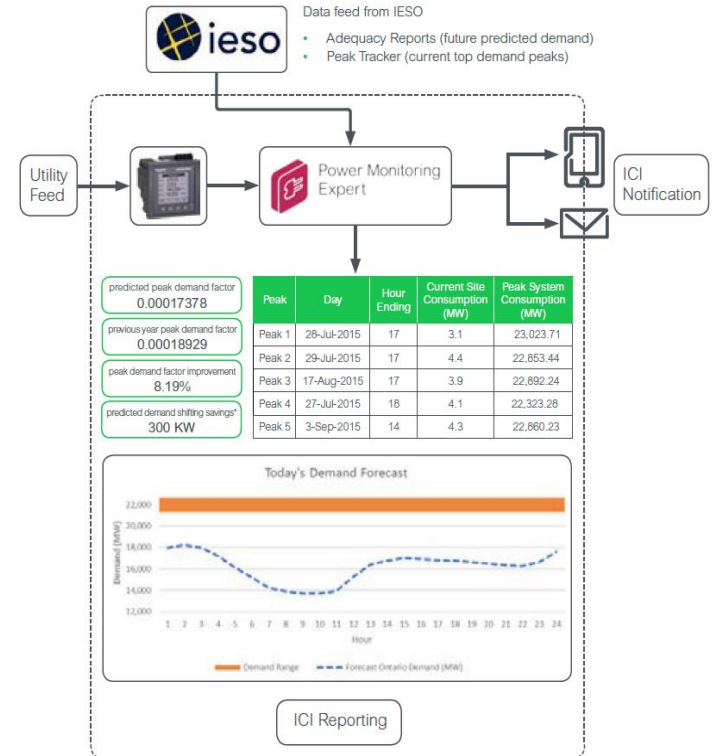


- 1 Use technology to predict and alert when peak hours will occur
- 2 Reduce electricity use during predicted peaks
- 3 Use an alternative power generation to avoid peaks
- 4 Investments in GA avoidance can also be used to participate in demand response opportunities

1 Predict & Alert

Notification of a predicted peak through Power Monitoring Expert, Global Adjustment Module

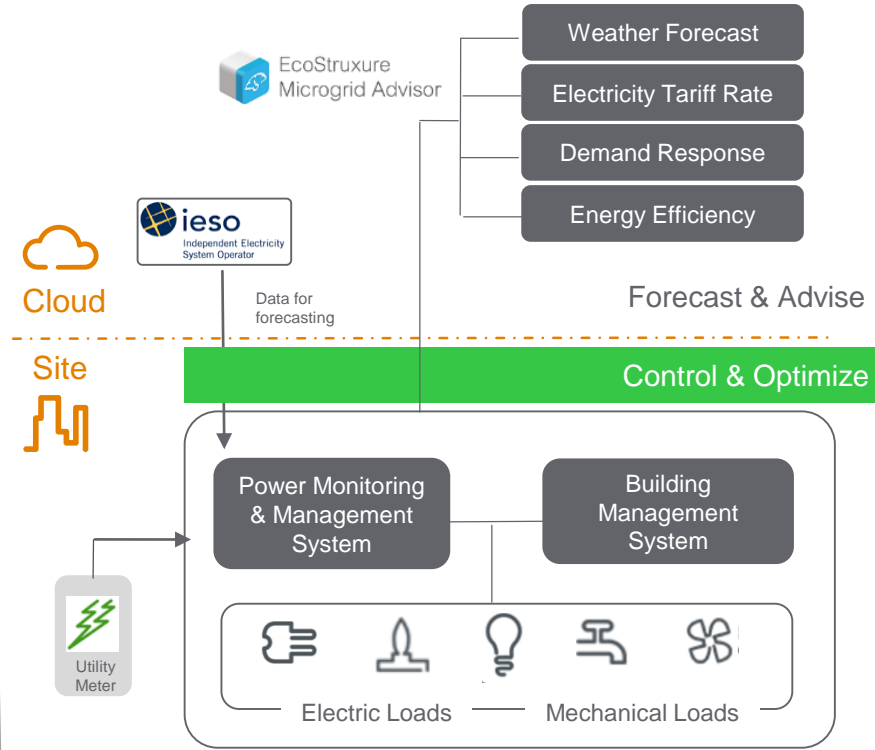
- Record the top 10 Ontario demand peaks to date
- Track and visualize forecasted provincial hourly peak demand
- Notification when a future hourly peak demand is predicted to surpass a current provincial top 5 Coincident Peak (5CP) hour
- Display predicted peak demand factor (PDF) for your facility and how you are doing vs. previous year
- Display the predicted demand savings for your facility during the top 5 Coincident Peak hours
- Display the dispatchable load data



2 Control & Optimize – Dispatchable Loads

Optimize and better manage controllable loads through advanced monitoring and control systems

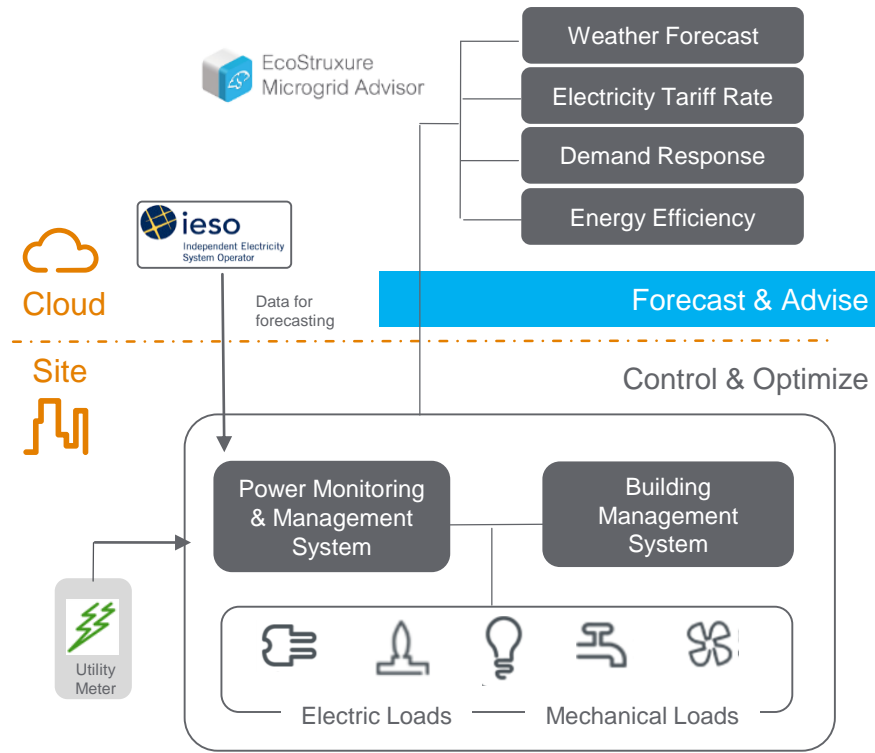
- Respond to peak through control of onsite energy resources and loads
- Leverage your building automation or Scada software platform to turn off loads during peak periods
- Display the current maximum peak demand of your facility based on your energy flexibility
- Use metering software to forecast and manage consumption peaks – curtail and shift flexible loads and dispatch peak generation control



2 Control, Optimize & Forecast – Alternative Energy Loads

Forecast and advise how and when to consume, produce, or store energy with EcoStruxure Microgrid Advisor

- Automated load transfer from grid to alternative energy source: Battery storage, Seamless integration to Supervisory and Control Systems
- Forecast and optimize how and when to consume, produce, or store energy
- Integrated weather forecasting and real-time electricity tariff management ensures your facility(s) is always using the most current information available
- Visualize your past, current, and future DER performance and optimization around the Global Adjustment signals
- Monitor your power consumption, production, and energy use by date and Global Adjustment event
- Export your data to Excel for deeper analysis



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