



## Ontario Peak Notification

### We Know the Most to Help Save You the Most

Rodan's premium Peak Notification 2.0 service ensures large power users, battery operators, and other grid-connected resources accurately know when a peak will occur within the small window of time.

We are trusted by Ontario energy market traders to supply them with market data dashboards they rely on every hour.

We are trusted by the province's larger industrial and commercial facilities to continuously monitor their energy use and manage their demand response.

We are trusted by Ontario utilities and energy producers to manage their regulated electric metering needs.

Trust us as your peak notification supplier.

### You can't afford to miss a peak

Ontario businesses that qualify for the ICI program have effective options to reduce their exposure to the Global Adjustment charge on their energy bills.

Reducing power consumption during the 5 highest demand hours of the year can save millions. It sounds simple except...

- you don't have energy market experts on staff
- and missing a peak is extremely costly
- but you don't want to continually disrupt operations

### Energy is our middle name

At Rodan Energy Solutions, we are obsessed with predicting the exact time and day of these 5 peaks for our customers. Rodan's Peak Notification 2.0 is the premium service trusted by businesses' serious about most effectively managing their demand peaks. Our service combines our vast experience and expertise with the most sophisticated, proprietary demand forecasting models.



### Peak Notification 2.0

- Real-time modelling of Ontario's electricity demand
- Day-ahead warning when peak is expected.
- Day of notice when a peak is expected
- Consistently hitting peaks within 2-hour curtailment windows
- Hitting all 5 peaks with just 20 hours of curtailment (on avg.)
- 89% more accurate than IESO demand forecasts

### Technology Driven Analytics

- 24/7 Network Operations Center
- Proprietary demand forecast updated every 5 min
- AI-based peak prediction models with machine learning algorithms
- Big data analytics

### Unmatched Market Intelligence

- The industries only supplier who are also certified meter services providers (Ontario's largest)
- Ontario's largest demand response provider
- Real-time monitoring of the largest industrial and commercial loads
- Unique knowledge of demand behavior by industry segment

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## Why use Peak Notification 2.0?

At Rodan Energy, we are continually investing in our innovative market intelligence suite to provide the best tools to our clients so they can maximize their energy savings.

We can manage all aspects of our clients' demand-side management with unparalleled experience in Demand Response with peak prediction and other ancillary services

Our machine learning-optimized algorithms continue to analyze consumer behavior during peak events, studying the patterns to enhance the its predictive utility.

The resulting demand forecasts are proprietary to Rodan. We consider everything:

- economic indicators
- regional market distribution characteristics
- weather indicators
- demand-side constraints (like alternative generation)
- reactionary behaviors (like curtailment)
- proprietary data sets

Many suppliers and customers rely solely on the IESO provided load forecasts to predict peaks. Rodan's proprietary load forecast has shown to be 89% more accurate than the IESO

## Trusted name in Ontario's energy market

Headquartered in Mississauga, Rodan's legacy in Ontario goes back 30 years.

We are Ontario's largest meter service provider, trusted by local utilities across the province. We are also Ontario's largest Demand Response aggregator, working with the province's largest energy users. As a leading provider of demand-side management solutions and energy intelligence technology, Rodan has insights into the dynamics of the de-regulated energy market that go beyond any others.

## Generator and BESS management

Rodan remotely operates and maintains Distributed Energy Resources for clients across the province to maximize the total economic and environmental value of these assets.

Peak Notification 2.0 is unique, minimizing risks and offering financial and operational advantages to large energy users and BESS applications. Battery solutions have fixed time windows for energy supply (2 to 3 hours) thus requiring the most accurate peak prediction windows in order to avoid a peak without disruption to operations. System designed primarily backup power, can be managed to handle peaks and potentially even be part of a demand response strategy.

Rodan's energy asset optimization service can remotely operate and maintain energy resources and maximize their earning potential....beyond peaks.

