



## Ontario Peak Notification

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

Rodan's premium Peak Notification service has been helping North American power users, battery operators, and grid-connected resource owners manage peak energy charges over a decade.

The heart of our long-term success is a commitment to continuously analyzing Ontario's dynamic energy market and incorporating proprietary Rodan usage data in our real-time to electricity demand model.

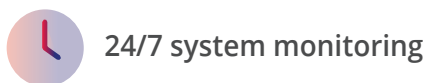
The result: our next generation 2022 Ontario Peak Notification service providing the best insights for navigating this upcoming peak season.

Trusted by facility managers, energy traders & power producers

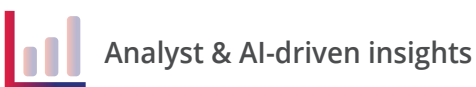
### Energy is our middle name

We are obsessed with providing best curtailment advice in the minimal number of curtailment notifications.

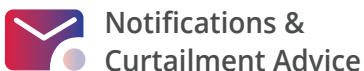
Rodan Energy Solutions has the complete package, combining of proprietary insights, flexible notifications, best-in-class dashboards, live energy experts, and AI validated modelling to provide complete peak management solutions.



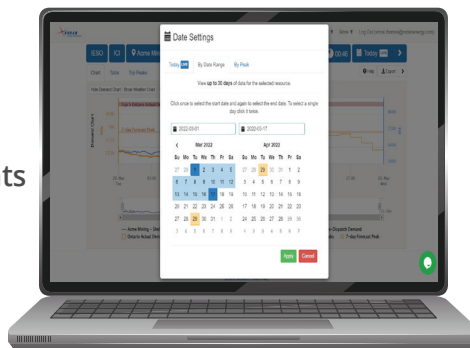
24/7 system monitoring



Analyst & AI-driven insights



Notifications & Curtailment Advice



## What's New

### Better Ontario Forecast

- Proprietary short-term forecast: updated multiples times PER HOUR vs IESO forecast updating 2-3 times/day
- Peak Prediction Optimized: vs IESO forecast's focus on system reliability
- Full Transparency: both forecasts available dashboards
- Updated model: more datapoints with machine learning models
- More Accurate: predicting 5/5 peaks even in COVID effected seasons

### More Flexible Notifications

- Personalized: choose the notification profile & method (email/text/phone)
- Actionable Insights: colour coded, easy-to-read urgency levels and advice
- More Informative: emails in-depth analytics, charts, and linked to peak dashboard
- Human verified: curated by Rodan's 24/7 Network Operations Center

### More Powerful Dashboard

- Purpose Built: designed from the ground up for optimized peak management
- Customizable: add/resize widgets and personalize alerts
- Interactive: dynamic charts & graphs with time travel & historical peak data
- Data Validation: Forecast error tracking
- Multi-market: Single interface for all Rodan supported regions

# Ontario Peak Notification

## Customer Challenges

Ontario businesses know the financial benefits of reducing exposure to the Global Adjustment charge on their energy bills.

Effectively reducing power consumption to “hit” the 5 highest demand days present companies with many challenges:

- Lack of on-staff energy expertise limits effectiveness
- Relying only on IESO’s reliability focused forecasts resulted in missed peaks
- Internally balancing curtailment activity while minimizing operational disruption
- Effectively managing generators and battery storage systems

## Effective Peak Management

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 Rodan Forecast Difference

Our demand forecast considers everything applicable to help chase peaks

- economic indicators
- regional market distribution characteristics
- weather indicators
- demand-side constraints (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.

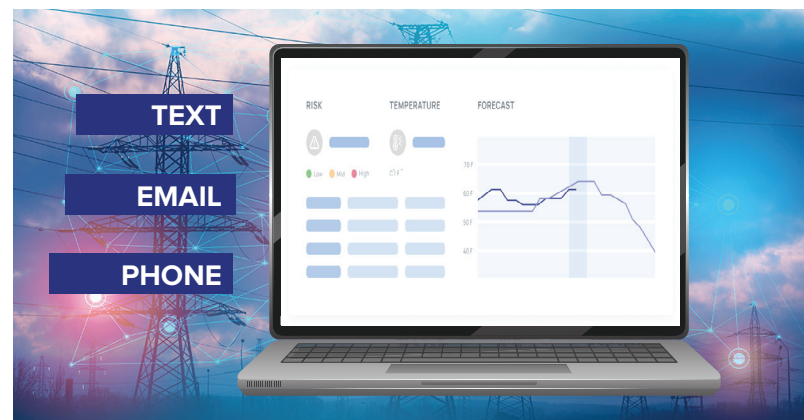
As a leading provider of demand-side management solutions and energy intelligence technology, Rodan has insights into the dynamics of the de-regulated energy market that go beyond any others.

## Battery & Generator 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.



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