

# Demand Response in Ontario

## Earn a revenue stream with Rodan Energy's demand response services

Demand Response (DR) in Ontario has been a valuable IESO resource for over a decade. DR has evolved into a competitive market-based resource. Annually, Rodan Energy bids its contributors into the IESO's DR auction and pays them for their availability and participation throughout the year.

### DR Auction Simplified



#### 1. Procurement

December of each year, Rodan Energy aggregates all its contributors by zone and competitively bids these resources into the DR Auction to supply the IESO with a targeted number of MWs.



#### 2. Delivery

Rodan's contributors that clear the auction begin to participate in the IESO energy market starting May 1. Contributors can participate in either or both commitment periods, which are summer (May 1 to October 31) and winter (November 1 to April 30).



#### 3. Activation

A standby notice is provided at 9:00 am. It is based on a strike price within a specific range that is bid-in on the day before with potential further bid requirements on the current day. An activation notice is issued no later than 1.5 hours before your four-hour curtailment window.



#### 4. Compensation

Capacity procured through the auction will be compensated via an availability payment. The payment is based on the price established in the DR auction for each geographical zone and may further vary by the summer or winter period.

## Why Rodan Energy?

- Rodan is the largest and longest-running DR provider. With strong engineering expertise together with our leading technology and tools, we make the experience easy for our clients by managing all aspects of your DR participation. Our service includes monitoring dispatch instructions, settlement, meter data submissions, administration, testing, and financial guarantees.
- As a registered market participant, Rodan Energy is authorized by the IESO to enroll your business as a Demand Response contributor, saving you the time and expense of doing it yourself.
- Rodan Energy provides financial guarantees to the IESO that insulates you from any non-performance penalties. We protect you from these risks through sophisticated risk mitigation strategies, thus removing this substantial, ongoing liability from your balance sheet.

## Rodan Energy provides the following services:

- ▶ Manage the twice-daily bidding process and the number of dispatch hours
  - ▶ Message contributors of curtailments when dispatched
  - ▶ Manage and report outage schedules to the IESO
  - ▶ Remove bids from the market if not dispatched, as per IESO market rules
  - ▶ Collect and submit formatted meter data to IESO, as per IESO market rules
  - ▶ Supervise all the other regulatory duties required to comply with market rules
- In addition to managing the administrative responsibilities of participation, Rodan Energy mitigates the risk through aggregation. There will never be financial penalties for participation, and you will never owe Rodan Energy or the IESO money.
  - We will assist you to develop and evolve the curtailment plan for your facility to allow you to participate in a repeatable and consistent basis to maximize revenue. We'll make sure that DR is a sustainable, long-term energy-management strategy for your business.



## Working with Rodan Energy is the best choice for Ontario businesses

- We are the largest provider of DR services in Ontario and all of Canada. Having the most extensive portfolio of DR assets in Ontario, we can maximize your revenue and isolate you from any risks of participation in the IESO DR market.
- Rodan is the pioneer of DR in Canada having run the first DR pilot in 2006 for PowerStream utilities (today Alectra) and developed the first DR program (York DR) for the Ontario Power Authority in 2007.
- We are the market experts in Ontario. We will enroll you in the markets and programs to ensure that you maximize your revenue streams and reduce your total energy spend through active participation in the energy markets.
- Our team of energy managers will assess your capabilities and develop a strategy that best suits your operating parameters.



### Real-time energy monitoring and demand response visualization tools

Rodan's Energy Intelligence Suite is a secure and web-based set of tools that enable our contributors to monitor their facility and the markets in real time. Our DR and GA peak notification modules are powerful resources that provide facility managers with industry-leading insights.

Access to our Demand Response module is provided to our enrolled DR participants. The system collects facility electricity meter data, calculates DR program baselines, tracks Demand Response performance, and provides saving calculations through a variety of displays and downloadable reports.

**Making Sustainable, Attainable!**

