

# Market Renewal Program

The Market Renewal Program (MRP) is an initiative to modernize Ontario's electricity market by improving how electricity is supplied, scheduled, and priced. Its goals include enhancing grid reliability, improving price signals for efficient resource allocation, and enabling greater participation of Distributed Energy Resources (DERs) and demand-side management solutions.

## HOW DOES MRP WORK?

There are a few key components of MRP being used to enhance the energy market.

**Day-Ahead Market:** Allows participants to buy and sell electricity a day in advance, ensuring price certainty and market stability.

**Enhanced Real-Time Unit Commitment:** Optimizes generation scheduling closer to real-time for more efficient resource dispatch.

**Single Schedule Market:** Replaces the two-schedule system, aligning prices with actual system conditions, reducing inefficiencies and reliance on out-of-market payments.

**Capacity Auction Enhancements:** Improves resource procurement through competitive auctions, encouraging participation from different energy resources like demand response (DR) and energy storage.

## WHEN WILL MRP BE IMPLEMENTED?

The Market Renewal Program is set to launch on **May 1<sup>st</sup>, 2025**, representing a major transformation for Ontario's electricity market.

## WHAT ARE THE BENEFITS OF MRP?



### LOWER ENERGY COSTS:

Projected savings of \$700 million over ten years through accurate price signals.



### BETTER PRICE TRANSPARENCY:

Locational Marginal Pricing (LMP) ensures prices reflect system conditions, minimizing inefficiencies and out-of-market payments.



### NEW REVENUE STREAMS:

Demand response, and energy storage, and flexible load participation will find new opportunities in Day-Ahead Markets and Capacity Auctions.



### ENHANCED RELIABILITY:

Real-time scheduling and commitment minimize disruptions, reduce volatility and cost spikes, and reinforce grid stability.

## WHO WILL BE IMPACTED BY MRP?

Most large energy consumers and power generators will be impacted by MRP, especially without adequate preparation or insight.



### Large Energy Consumers:

Industries like data centers, mining, and manufacturing will need to adapt their energy usage strategies to new pricing mechanisms.



### Power Producers:

Greater competition and transparency may require new approaches to maintaining revenue streams and operational efficiency.

## HOW CAN BUSINESSES STAY INFORMED ABOUT THESE CHANGES?

Rodan Energy's MarketIQ™ platform helps businesses stay ahead by providing real-time insights, trend monitoring, and cost-optimization strategies. By understanding and leveraging these changes, businesses can enhance their market position, reduce costs, and support a more reliable grid. With MarketIQ™, we ensure you can navigate Ontario's evolving energy landscape with confidence.

## WHAT SERVICES DOES RODAN ENERGY OFFER TO SUPPORT MRP?

Rodan Energy provides a suite of tools and services to help businesses navigate the complexities of MRP and adapt to the new market:



**Settlement Validation:** Ensures service charges are accurate, and discrepancies are identified in IESO settlements.



**Day-Ahead Market Support:** Offers bidding strategies and price forecasting to optimize participation.



**Capacity Auction Readiness:** Maximizes revenue opportunities and reduces procurement costs.



**Demand Response and Energy Optimization:** Leverages flexible load management to reduce real-time price exposure.



**Advanced Insights:** Real-time analytics, custom reports, and dashboards to track pricing, grid conditions, and dispatch data.

## HOW CAN RODAN ENERGY HELP YOUR BUSINESS PREPARE?

Understanding your current energy needs is crucial, and partnering with experts to navigate the evolving energy market is key. Rodan Energy offers strategic guidance, engineering studies, technology solutions, and real-time insights to help businesses optimize their strategies under MRP.

Contact us at [connect@rodanenergy.com](mailto:connect@rodanenergy.com) to ensure your organization is ready for this transformative energy market shift.