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# Training Strategy Update

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# Agenda

## 1. Training formats

- Overview of how the IESO will provide training to market participants

## 2. High-level scope

- Summary of the content that will be included in each training product

## 3. Webpage updates

- Update of how market participant readiness material will be organized on the IESO website

## 4. Timelines

- Estimated timeline for publication of training products

# Training Formats

## 1. Online interactive training modules

- Two Types:
  - Change topic focused overviews with goal of introducing key topics (for example: locational marginal price, market power mitigation, and pseudo-unit modelling)
  - Market Overviews: Market segment focused walkthroughs of market renewal impact from registration to settlement (Note: Live Q&A sessions will be available)

## 2. Guides, Quick Takes, and Instructions

- Documents focused on providing in-depth information related to all change topics
- Purpose is to supplement the reader's understanding of the changes to the Market Rules and Manuals

# Training Formats

## 3. Live Training Sessions

- Live, interactive sessions focused on providing demos of system changes and other focused topics as appropriate
- Purpose is to help market participants complete necessary tasks before go-live

# Scope – High Level Overviews of New concepts

Topics	Brief Description of Scope
Introduction to Market Renewal Program (Online Interactive)	Overview of the Market Renewal Program for anyone with no background on the initiative
Introduction to Market Power Mitigation (Online Interactive)	Provides an overview of the new Market Power Mitigation framework
Mechanics of Prudential Support (Online Interactive)	Details the approach for setting prudential support with overview of changes under the Market Renewal Program
Virtual Trader Guide	Overview of new participation type from registration to settlement
Price Response Load Guide	Overview of new resource type from registration to settlement
Zonal Demand Forecast Quick Take	Describes the transition to a zonal forecast

# Scope – High Level Overviews of New concepts

Topics	Brief Description of Scope
Day-Ahead-Market Quick Take	Key design elements of the Day-Ahead-Market
Introduction to Locational Marginal Prices and Zonal Pricing (Online Interactive)	High-level summary of location marginal price and price formation
Transmission Rights Market Quick Take	Changes impacting the transmission rights market

# Scope – Detailed Guides and Instructions

Topic	Brief Description of Scope
Instructions for New Registration Parameters	Summary of new parameters and step-by-step Online IESO instructions
Instructions for Reference Levels and Quantities	Step-by-step Online IESO instructions for updating reference levels and quantities
Instructions for Updating Prudentials	Process for updating prudentials
Market Power Mitigation (MPM) Guide	Mechanics of the new Market Power Mitigation framework
Calculation Engine Guide	Calculation engine mechanics in the Day-Ahead-Market, Pre-Dispatch, and Real-Time timeframes

# Scope – Detailed Guides and Instructions

Topic	Brief Description of Scope
Mechanics of Pseudo-Unit Participation (Online Interactive)	Describes the pseudo-unit (PSU) modelling approach used by the IESO to schedule and dispatch combined cycle resources
Market Prices Guide	New and updated pricing concepts (e.g., Locational Marginal Price, Ontario Zone Price, uplifts, etc.)
Two-Settlement Guide	New two-settlement concept including Day-Ahead-Market and Real Time make-whole payments
Generator Offer Guarantee (GOG) Guide	Day-Ahead-Market and Real Time Generator Offer Guarantee settlement design
Intertie Trader Guide	Changes impacting intertie traders



## Scope – Online Interactive Market Overviews

- Tailored for specific resource types
- Walk-through of the impact from authorization to settlement
- 3 to 5 scenarios to illustrate different scheduling and operational outcomes, as well as the resulting settlements
- Segments to be covered: Non-Quick Start, Pseudo Unit, Hydro, Storage, Intertie, Non-Dispatchable Load, Price Responsive Load, Dispatchable Load, and Virtual
- Live Q&A sessions will be offered a week or more after each overview is posted to allow participants to ask questions about the content and scenarios once they have an opportunity to complete the training module on their own time

# Scope – Live Training Sessions

- Q-test
- New Online IESO registration parameters
- Changes to EMI Web Interface
- Changes to Dispatch Services Web Interface
- Changes to Settlement Forms in Online IESO

# Webpage Updates

- Readiness Materials
  - Day-In-The-Life published for each participant type
  - Market participant readiness checklist
- MRP Training Materials
  - Guides, Quick Takes, Instructions
  - Articulate Modules

# Webpage Updates

- Technical Reference Materials
  - API specifications
  - Sample reports and schemas
  - Sample settlement statements and schemas
- Testing Support
  - Test Plan
  - Q-Test instructions

# Timelines

<b>Resource</b>	<b>Estimated Timing</b>
Guides, Quick Takes, and Instructions	October 2023 to December 2024
Market Overviews	November 2023 to January 2024
Training Sessions	December 2023 to go-live

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# Thank You

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