

Ontario Reliability Compliance Program & Reliability Compliance Tool

Webcast

October 13, 2011



Ontario Reliability Compliance Program (ORCP)

- To monitor, assess and enforce compliance with reliability standards in Ontario
- As part of this program, market participants are required to:
 - **Self-certify** their compliance status with the reliability standards actively monitored;
 - **Self-report** potential breaches of reliability standards; and
 - Respond to any other reliability **data submittal requests**


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Ontario Reliability Compliance Program

The Ontario Reliability Compliance Program (ORCP) is used by the IESO to monitor, assess and enforce compliance with reliability standards in Ontario, within the authority given to the IESO by the Electricity Act, 1998 and the market rules.

As part of this program, market participants are required to:

- Self-certify their compliance status with the reliability standards actively monitored by the ORCP;
- Self-report potential breaches of reliability standards, indicating actions taken or that will be taken to resolve the breach; and
- Respond to any other reliability data submittal requests by the IESO under the ORCP.

To help market participants understand their reliability compliance obligations, the IESO consulted stakeholders as part of the Stakeholder Engagement Group SE-44 and in 2008 completed the mapping of Ontario market participant classes to NERC Functional Entities and by extension, the mapping of reliability standard requirements to market participant classes.

The mapping is provided in the table below, which includes links to spreadsheets that list all requirements applicable to a particular market participant class.

For example, to identify all its applicable reliability requirements, a generator will need to open all spreadsheets linked to Generator Owner, Generator Operator, Purchasing-Selling Entity and Transmission Owner functions listed under the NERC Functional Model Entities heading.

Released February 20, 2009

Ontario License/Market Rules	NERC Functional Model Entities ¹	Registered Ballot Body Segment (Segment No.) ²
Generator	<ul style="list-style-type: none"> - Generator Owner - Generator Operator - Purchasing-Selling Entity - Transmission Owner 	- Electric Generators (5)

Within Ontario Reliability Compliance Program

- Reliability Standards
- Compliance Reviews and Audits
- Blackout 2003
- Voltage Reduction Testing

IESO Resources

- Market Rules - Ch. 5: Power System Reliability
- Reliability Standards Standing Committee

Mapping of Ontario market participant classes to NERC Functional Entities and by extension, the mapping of reliability standard requirements to market participant classes.

Ontario License/Market Rules	NERC Functional Model Entities ¹	Registered Ballot Body Segment (Segment No.) ²
Generator	- Generator Owner - Generator Operator - Purchasing-Selling Entity - Transmission Owner	- Electric Generators (5)
Transmitter	- Transmission Owner	- Transmission Owners (1)
Wholesaler	- Purchasing-Selling Entity	- Large Electricity End User (7) - Electricity Brokers, Aggregators & Marketers (6)
Retailer	- Purchasing-Selling Entity	- Small Electricity Users (8) - Electricity Brokers, Aggregators & Marketers (6)
Distributor	- Distribution Provider - Transmission Owner	- Transmission Dependent Utility (4) - Large Electricity End User (7)

¹ NERC Functional Model

² NERC Reliability Standards Development Procedure



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2011 Ontario Reliability Compliance Program Schedule

Each year NERC, NPCC Inc., and the IESO select a subset of reliability standards for monitoring. Market Participants are required to provide reliability compliance information under the IESO's [Ontario Reliability Compliance Program](#) (ORCP).

The schedule for reliability compliance submissions by market participants is shown in the table below. [2011 ORCP Schedule and History of Changes](#) (Revised October 6, 2011 | Originally Published January 26, 2011).

Please note the forms below are for information purposes only. Market Participants must submit the electronic certification forms using the IESO Reliability Compliance Tool accessed via the [IESO Web Portal](#).

Included in 2010 IRCP?	NERC Standards Group	NERC Standard	NPCC Document	Description	Reporting Frequency	Target Submission Date	Ontario Reporting Entity	Form
Y	PRC	PRC-005-1 PRC-008-0 PRC-011-0 PRC-017-0	Directory 3	Maintenance Criteria for Bulk Power System Protection	Annual	Preliminary Submission 20-Jan-2011, Final Submission 31-May-2011	T, G, D, W	1521
Y	PRC	PRC-001-1		System Protection Coordination	Annual	13-Jul-11	T, G	1637
Y				Emergency Preparedness Planning Market Rules Chapter 5 - Power System Reliability Market Manual 7.10 - Ontario Electricity Emergency Plan	Annual	13-Jul-11	T, G, D, W	1608
Y				Emergency Restoration Planning Market Manual 7.8 - Ontario Power System Restoration Plan	Annual	13-Jul-11	T, G, D, W	1609
Y			Directory 12 Section 5.4	Generator Underfrequency Protection Requirements	Annual	22-Aug-11	G	1718 Survey
Y			Directory 12 Section 5.2	Automatic Underfrequency Load Shedding consistent with NPCC's UFLS program requirement	Annual	22-Aug-11	T, D, W	1719 Survey

- Use the Reliability Compliance Tool to manage compliance reporting requirements specified by the ORCP (e.g. self-certification)
- To access this tool, you must designate a **Market Participant Compliance Contact (MPCC)** and a **Market Participant Escalation Contact (MPEC)**
 - **MPCC**: receive notifications and submit data
 - **MPEC**: receive escalated notification if a due date is missed
- Users require access to the IESO web Portal

- To gain access to IESO web Portal, you need to complete Form 1276 “IESO System Access & Identity Management” and submit to Market Entry
- Reliability Compliance Tool step-by-step guide is available on the ORCP web page
- For training, please contact:
marketplacetraining@ieso.ca.

Reliability Compliance Tool (Cont'd)

MetricStream

Enterprise Compliance Platform

USER LOGIN

User Name

Password

Enterprise Name

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QUESTIONS?