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# **Guide to Documents Published in Baseline 41.1**

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**Issue 82.0**

**This guide details the documents *published* in  
Baseline 41.1 for June 5, 2019**

**GUIDE**

## Disclaimer

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This *market manual* may contain a summary of a particular *market rule*. Where provided, the summary has been used because of the length of the *market rule* itself. The reader should be aware; however, that where a *market rule* is applicable, the obligation that needs to be met is as stated in the *market rules*. To the extent of any discrepancy or inconsistency between the provisions of a particular *market rule* and the summary, the provision of the *market rule* shall govern.

|                         |   |
|-------------------------|---|
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| <b>Issue</b>            | Issue 82.0                                    |
| <b>Reason for Issue</b> | Issued for Baseline 41.1                      |
| <b>Effective Date</b>   | June 5, 2019                                  |

## Document Change History

| Issue   | Reason for Issue         | Date               |
|---|--------------------------|--------------------|
| For previous Baseline Release dates - See Baseline 64.0 |                          |                    |
| 65.0  | Issued for Baseline 33.0 | March 4, 2015      |
| 66.0  | Issued for Baseline 33.1 | June 3, 2015       |
| 67.0  | Issued for Baseline 34.0 | September 9, 2015  |
| 68.0  | Issued for Baseline 34.1 | December 2, 2015   |
| 69.0  | Issued for Baseline 35.0 | March 2, 2016      |
| 70.0  | Issued for Baseline 35.1 | June 1, 2016       |
| 71.0  | Issued for Baseline 36.0 | September 14, 2016 |
| 72.0  | Issued for Baseline 36.1 | December 7, 2016   |
| 73.0  | Issued for Baseline 37.0 | March 1, 2017      |
| 74.0  | Issued for Baseline 37.1 | June 7, 2017       |
| 75.0  | Issued for Baseline 38.0 | September 13, 2017 |
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| 78.0  | Issued for Baseline 39.1 | June 6, 2018       |
| 79.0  | Issued for Baseline 40.0 | September 12, 2018 |
| 80.0  | Issued for Baseline 40.1 | December 5, 2018   |
| 81.0  | Issued for Baseline 41.0 | March 6, 2019      |
| 82.0  | Issued for Baseline 41.1 | June 5, 2019       |

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# 1. Introduction

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*Market rules* may be amended through the *market rule* amendment process. When an amendment is approved it will be incorporated into the next revision of the *market rules*. The [Market Rules and Manuals Library](#) web page features all amendments approved by the *IESO Board* that become effective at the next baseline unless otherwise specified. Market documents that require change will also be revised at this time.

## 1.1 Overview

This document describes the documents revised for *IESO* Baseline 41.1 published on June 5, 2019 to the *IESO* website. It also lists the current title and issue number of all documents available on the Market Rules and Manuals Library and Technical Interface web pages.

The majority of the *market manuals* in this baseline is structured into one of ten master documents:

1. Market Entry
2. Market Administration
3. Metering
4. Market Operations
5. Settlements
6. Technical Reference
7. System Operations
8. Commissioning (Obsolete)
9. Day-Ahead Commitment
10. Emergency Load Reduction Program (ELRP) (Obsolete)
11. Reliability Compliance
12. Demand Response Auction
13. Capacity Exports

*Market manuals* consolidates the procedures, standards and policies for an area of the market into one master document.

## 1.2 Conventions

The standard conventions followed are as follows:

- The word ‘shall’ denotes a mandatory requirement;
- Terms and acronyms used in this guide that are italicized have the meanings ascribed thereto in Chapter 11 of the “*market rules*”; and
- Double quotation marks are used to indicate titles of legislation, publications, forms and other documents.

– End of Section –

## 2. Baseline Changes

The highlights in section 2.2 are taken from the Baseline Plan that was posted for review and therefore do not have the standard conventions applied as per section 1.2.

This Baseline update may include:

- Amended *market rules*;
- New or amended *market manuals*;
- New or amended forms;
- New or amended guides;
- New or amended agreements;
- New or amended lists;
- Documents made obsolete;
- Documents that have been superseded
- Documents that are pending
- Documents that are deferred
- Documents that are withdrawn and
- Documents that remain in effect for a period of time.

### 2.1 Market Rule Amendments Approved by the IESO Board

| Market Rule Amendment   | Chapter Revised |
|---|-----------------|
| MR-00433-R00<br>Demand Response, Notification and Activation Hourly Demand Response | 7               |

## 2.2 New or Amended Documents

This section provides the Baseline Plan that identifies all documents that were made available for participant review and have now been formally approved and published to their respective *IESO* web pages.

The Baseline Plan is prepared and posted as per the Baseline Schedule and is communicated through the *IESO* weekly bulletins. Participants were invited to review and provide comments on the revised documents. All documents listed in the plan are posted for review on the [Pending Changes – Documents](#) page.

With the exception of market rule amendments, documents are considered drafts and are subject to change until final review and approval on the Baseline publication date.

However, some documents may be subject to formal approval prior to the baseline date. This will be indicated in the plan as ‘issued in advance of’.

The descriptions of categories in the plan are as follows:

Category 1 – Information

Category 2 – Participants should review the changes as an update to procedures may be required.

Category 3 – Participant are advised to review, due to the potential impact of the change.

Changes to the baseline plan will be redlined and documents added after the review period will be appear in ‘Update to Baseline’ section.

– End of Section –

| Document Title, ID#, Ver.  | Intended Audience | Stakeholder History   | Cat. | Description of Change  |
|--|-------------------|---|------|--|
| Market Rules   |                   |   |      |  |
| Demand Response, Notification and Activation of Hourly Demand Response<br>MR-00433-R00 | All               | Market Rule Amendment MR-00433-R00 Demand Response, Notification and Activation of Hourly Demand Response. Approved by IESO Board - August 29, 2018. Effective - Expected to be in May 2019, upon the implementation of the required IT system changes and to align with the start of the delivery period associated with the next DR auction. The IESO will specify the effective date in a notice to all market participants. | 3    | <p><b>Reason For Change</b><br/>Market Rule Amendment - MR-00433-R00 Chapter 7, Section 19, subsection 19.4.2, 19.4.4.</p> <p><b>Description of Change</b><br/>The IESO proposes to amend the market rules to increase the utilization of Hourly Demand Response (HDR) resources by reducing the minimum dispatch duration and increasing real-time availability.</p> <p><b>Description of Impact</b><br/>The proposed amendment will provide greater flexibility and real-time availability by modifying the requirements for standby and activation notices, thereby increasing the value of HDR resources. This proposal is based on input from the Demand Response Working Group (DRWG).</p> |
| IMDC   |                   |   |      |  |
| Dispute Resolution and Global Adjustment<br>IMDC-53<br>0.1                             | All               | Global Adjustment changes based on direction by the Ontario Energy Board (OEB) Posted for review on Pending Changes - March 14, 2019. Published on the MR&ML  | 3    | <p><b>Reason For Change</b><br/>Global Adjustment Implementation of new charge type CT 2148 'Class B Global Adjustment Prior Period Correction Settlement Amount' to clearly distinguish settlement amounts relating to prior period corrections for Class B Global Adjustment. Dispute Resolution Implementation of new charge type CT1750 "Dispute Resolution Market Balancing Amount" and name change for CT700 and CT750 to add more clarity to dispute settlement.</p> <p><b>Description of Change</b></p>  |



| Document Title, ID#, Ver.                        | Intended Audience | Stakeholder History   | Cat. | Description of Change  |
|--|-------------------|---|------|--|
|  |                   | page - March 27, 2019.  |      | <p>The following information will be included in a revised version of the affected documents: New charge type CT 2148 'Class B Global Adjustment Prior Period Correction Settlement Amount' to clearly distinguish settlement amounts relating to prior period corrections for Class B Global Adjustment. New charge type CT1750 "Dispute Resolution Market Balancing Amount" and name change for CT700 and CT750 to add more clarity to dispute settlement.</p> <p><b>Description of Impact</b><br/>Charge Type 2148 will be effective February 28, 2019.</p>   |
| Dispute Resolution - HST Guide<br>IMDC-51<br>0.1 | All               | Update the HST guide with the Dispute Resolution Balancing Amount (Market) charge type and its HST treatment. The changes to be effective from February 28, 2019.<br>Published on the MR&ML page - March 27, 2019.  | 3    | <p><b>Reason For Change</b><br/>Update the HST guide with the Dispute Resolution Balancing Amount (Market) charge type and its HST treatment.</p> <p><b>Description of Change</b><br/>Added section 9.9 Dispute Resolution Balancing Amount.</p> <p><b>Description of Impact</b><br/>Charge type 1750 is an adjustment, either positive or negative, to the price of electricity sold to Ontario market participants. As such, it is subject to HST.</p>   |
| Global Adjustment - HST Guide<br>IMDC-52<br>0.1  | All               | An additional charge type was requested by the Ontario Energy Board to support Local Distribution Companies monthly Global Adjustment reconciliations for previous month GA adjustments. Global Adjustment changes based on direction by the Ontario Energy | 3    | <p><b>Reason For Change</b><br/>The HST Guide will be updated with the implementation of new charge type CT 2148 'Class B Global Adjustment Prior Period Correction Settlement Amount' to clearly distinguish settlement amounts relating to prior period corrections for Class B Global Adjustment.</p> <p><b>Description of Change</b><br/>Added section 8.11 Class B Global Adjustment Prior Period Settlement Amount</p> <p><b>Description of Impact</b><br/>Charge type 2148 is an adjustment, either positive or negative, to the price of electricity sold to Ontario market participants. As such, it is subject to HST.</p> |

| Document Title, ID#, Ver.  | Intended Audience | Stakeholder History  | Cat. | Description of Change   |
|--|-------------------|--|------|---|
|  |                   | Board (OEB). The new charge type is effective as of February 28, 2019. Published on the MR&ML page - March 27, 2019.   |      |   |
| Dispute Resolution and Global Adjustment - Format Spec<br>IMDC-54<br>0.1 | All               | Global Adjustment changes based on direction by the Ontario Energy Board (OEB) Posted for review on Pending Changes - March 18, 2019. Published on the MR&ML page - April 1, 2019. | 3    | <p><b>Reason For Change</b><br/>Global Adjustment Implementation of new charge type CT 2148 'Class B Global Adjustment Prior Period Correction Settlement Amount' to clearly distinguish settlement amounts relating to prior period corrections for Class B Global Adjustment. Dispute Resolution Implementation of new charge type CT1750 "Dispute Resolution Balancing Amount (Market)". Addition of charge types CT700 and CT750, with name changes to add more clarity to dispute settlement. Note that CT700 and CT750 are existing charges but were not present in previous versions of this document.</p> <p><b>Description of Change</b><br/>The following information will be included in a revised version of the Format Specifications for Settlement Statement Files and Data Files. Implementation of new charge type CT 2148 'Class B Global Adjustment Prior Period Correction Settlement Amount' to clearly distinguish settlement amounts relating to prior period corrections for Class B Global Adjustment. Implementation of new charge type CT1750 "Dispute Resolution Balancing Amount (Market)". Addition of charge types CT700 and CT750, with name changes to add more clarity to dispute settlement.</p> <p><b>Description of Impact</b><br/>Charge Type 2148 will be effective February 28, 2019.</p> |
| Market Entry   |                   |  |      |   |
| IEEE Type 1 Excitation System<br>IMO_FORM_1107                           | All               | This version of the form is no longer used and will be obsoleted as the function is now  | 1    | <p><b>Reason For Change</b><br/>Form to be obsoleted. Function now performed on Online IESO.</p> <p><b>Description of Change</b></p>  |

| Document Title, ID#, Ver.                                | Intended Audience | Stakeholder History   | Cat. | Description of Change   |
|--|-------------------|---|------|---|
| 1.3  |                   | performed on Online IESO.   |      | Form to be obsolete. Function now performed on Online IESO.<br><br><b>Description of Impact</b><br>Obsolete. Function now performed on Online IESO.   |
| IEEE Type 2 Excitation System<br>IMO_FORM_1106<br>1.3    | All               | This form will be obsolete. The function now performed on Online IESO.                  | 1    | <b>Reason For Change</b><br>The form is to be obsolete. Function now performed on Online IESO.<br><br><b>Description of Change</b><br>Function now performed on Online IESO. Form will be obsolete.<br><br><b>Description of Impact</b><br>Obsolete. Function now performed on Online IESO.             |
| RMP User - Resource Relationship<br>IMO_FORM_1421<br>3.0 | All               | The paper version of this form will be obsolete. Function now performed on Online IESO. | 1    | <b>Reason For Change</b><br>Form will be obsolete. Function is now performed on Online IESO.<br><br><b>Description of Change</b><br>This form will be obsolete as the function is now performed on Online IESO.<br><br><b>Description of Impact</b><br>Obsolete. Function now performed on Online IESO. |
| Letter of Empowerment<br>IMO_FORM_1141<br>3.0            | All               | Form is no longer in use and will be obsolete.  | 1    | <b>Reason For Change</b><br>Form will be obsolete, no longer used.<br><br><b>Description of Change</b><br>To be obsolete, no longer in use.<br><br><b>Description of Impact</b><br>This form - Letter of Empowerment is no longer used and will be obsolete.  |
| Metering   |                   |   |      |   |

| Document Title, ID#, Ver.  | Intended Audience  | Stakeholder History   | Cat. | Description of Change  |
|--|--|---|------|--|
| Assigning a Metering Service Provider and a Distributor for an Energy Market Delivery Point<br>IMO_FORM_1300<br>10.0           | Distributor; Metering Service Provider                               | As noted in the R41.1 Market Facing Target Release Plan - A1451, IMO_FORM_1300 will be an automated Online IESO form. | 2    | <p><b>Reason For Change</b><br/>Form 1300 to be removed from the external website and Citadel on June 5, 2019 as the workflow will be implemented in Online IESO as per the CDMS Forms Automation Project.</p> <p><b>Description of Change</b><br/>Form 1300 to be removed from the external website and Citadel on June 5, 2019 as the workflow will be implemented in Online IESO as per the CDMS Forms Automation Project.</p> <p><b>Description of Impact</b><br/>Form 1300 to be removed from the external website and Citadel on June 5, 2019 as the workflow will be implemented in Online IESO as per the CDMS Forms Automation Project.</p> |
| Assigning a Registered Market Participant and Metered Market Participant for an Energy Market Resource<br>IMO_FORM_1299<br>8.0 | Financial Market Participant; Metering Service Provider; Transmitter | Refer to R 41.1 Market Facing Target Release Plan - A1451.  | 2    | <p><b>Reason For Change</b><br/>Form 1299 to be removed from the external website and Citadel on June 5, 2019 as the workflow will be implemented in Online IESO as per the CDMS Forms Automation Project.</p> <p><b>Description of Change</b><br/>No change as Form 1299 is to be removed from the external website and Citadel on June 5, 2019 as the workflow will be implemented in Online IESO as per the CDMS Forms Automation Project.</p> <p><b>Description of Impact</b><br/>MPs will be using Online IESO instead of submitting Form 1299.</p>   |
| Assigning a Metering Service Provider and a Transmitter for a Transmission Tariffs Delivery Point<br>IMO_FORM_1304             | Financial Market Participant; Metering Service Provider; Transmitter | Refer to R 41.1 Market Facing Target Release Plan - A1451.  | 2    | <p><b>Reason For Change</b><br/>Form 1304 to be removed from the external website and Citadel on June 5, 2019 as the workflow will be implemented in Online IESO as per the CDMS Forms Automation Project.</p> <p><b>Description of Change</b></p>   |

| Document Title, ID#, Ver.   | Intended Audience  | Stakeholder History   | Cat. | Description of Change   |
|---|--|---|------|---|
| 10.0  |  |   |      | <p>Form 1304 is to be removed from the external website and Citadel on June 5, 2019 as the workflow will be implemented in Online IESO as per the CDMS Forms Automation Project.</p> <p><b>Description of Impact</b><br/>MPs will be submitting the information required from Form 1304 into Online IESO</p>  |
| Market Manual 3: Metering Part 3.1: Metering Service Provider (MSP) Registration, Revocation, and De-registration<br>MDP_PRO_0007<br>15.1 | Financial Market Participant; Metering Service Provider; Transmitter | Refer to R 41.1 Market Facing Target Release Plan - A1451. Posted for review on Pending Changes - April 10, 2019  | 2    | <p><b>Reason For Change</b><br/>Document was updated to remove references to Form 1300 and 1304 as the workflows from these two forms will be implemented in Online IESO as per the CDMS Forms Automation Project.</p> <p><b>Description of Change</b><br/>Form 1300 and 1304 will no longer be used and MPs will be required to enter the information requested from these forms into Online IESO.</p> <p><b>Description of Impact</b><br/>MPs will be using Online IESO instead of submitting the forms.</p>                                  |
| Market Manual 3: Metering Part 3.2: Meter Point Registration and Maintenance<br>MDP_PRO_0013<br>26.1                                      | Financial Market Participant; Metering Service Provider; Transmitter | Refer to R 41.1 Market Facing Target Release Plan - A1451. Posted for review of Pending Changes - April 10, 2019. | 2    | <p><b>Reason For Change</b><br/>Removed references to Forms 1299, 1300, and 1304 as the forms will be removed from the external website as the workflows will be implemented in Online IESO as per the CDMS Forms Automation Project.</p> <p><b>Description of Change</b><br/>Forms 1299, 1300, and 1304 will no longer be required as MPs will be able to submit the information in Online IESO.</p> <p><b>Description of Impact</b><br/>MPs will be using Online IESO to submit the information requested from Form 1299, 1300, and 1304.</p> |
| Market Manual 3: Metering Part 3.8 Creating and   | Financial Market Participant; Metering                               | Refer to R 41.1 Market Facing Target Release  | 2    | <p><b>Reason For Change</b><br/>Forms 1299, 1300, and 1304 will be removed from the external website as the</p>   |

| Document Title, ID#, Ver.  | Intended Audience                | Stakeholder History   | Cat. | Description of Change   |
|--|----------------------------------|---|------|---|
| Maintaining Delivery Point Relationships<br>IMP_PRO_0057<br>11.1   | Service Provider;<br>Transmitter | Plan - A1451. Posted for review on Pending Changes - April 10, 2019.  |      | workflows will be implemented in Online IESO as per the CDMS Forms Automation Project. Removed reference to Form 1041.<br><br><b>Description of Change</b><br>Removed references to Forms 1299, 1300, 1304 and 1041 and added references to CDMS for transmitter list.<br><br><b>Description of Impact</b><br>MPs will be submitting information required from Forms 1299, 1300, 1304 and 1041 into Online IESO.  |
| Operations   |                                  |   |      |   |
| Market Manual 11: Reliability Compliance Part 11.1 Applicability Criteria for Compliance with NERC Reliability Standards and NPCC Criteria<br>IESO_GDE_0364<br>6.2 | All                              | Version 6.1: Posted on Pending Changes for review and comment - October 3, 2017. Version 6.2: Posted on Pending Changes for review and comment - November 15, 2017. Deferred from Baseline 38.1. Deferred from Baseline 40.1. Deferred from Baseline 41.0. Deferred to Baseline: 42.0 | 2    | <b>Reason For Change</b><br>Version 6.1: To add applicability guidance for NERC standards PRC-002-2, PRC-005-6, and VAR-002-4. Version 6.2; To clarify the requirements for the testing of Remedial Action Schemes (NERC Standard PRC-005-6).<br><br><b>Description of Change</b><br>Version 6.1: Updated section 7 to incorporate guidelines for NERC standards PRC-002-2, PRC-005-6, and VAR-002-4. Version 6.2: Updated section 7 to clarify the requirements for NERC standard PRC-005-6.<br><br><b>Description of Impact</b><br>Document content up-to-date. |
| Market Manual 4: Market Operations Part 4.3: Real-Time Scheduling of the Physical Markets<br>IMP_PRO_0034<br>54.1  | All                              | Posted on Pending Changes for review - March 11, 2019. Published on the MR&ML page April 30, 2019.  | 3    | <b>Reason For Change</b><br>Updated content related to Hourly Demand Response (HDR) to reflect process enhancements that go into effect on April 30, 2019.<br><br><b>Description of Change</b><br>Updated HDR activation notice timeline (Section 5.1.2) and HDR dispatch instructions (Section 7.2) to reflect new process enhancements.   |

| Document Title, ID#, Ver.  | Intended Audience | Stakeholder History   | Cat. | Description of Change   |
|--|-------------------|---|------|---|
|  |                   |   |      | <p><b>Description of Impact</b><br/>HDR content updated to reflect process enhancements that become effective on April 30, 2019.</p>  |
| MM9 Part 9.3 Operation of the Day-Ahead Commitment Process<br>IESO_MAN_0078<br>7.1 | All               | Posted on Pending Changes for review - March 11, 2019.<br>Published on the MR&ML page April 30, 2019.   | 3    | <p><b>Reason For Change</b><br/>Updated content related to Hourly Demand Response (HDR) to reflect process enhancements that go into effect on April 30, 2019.</p> <p><b>Description of Change</b><br/>Updated the conditions in Section 4.11.2 in which Standby Notices and Reports are issued to Hourly Demand Response (HDR) resources on pre-dispatch and dispatch days.</p> <p><b>Description of Impact</b><br/>HDR content updated to reflect process enhancements that become effective on April 30, 2019.</p> |
| Reliability Compliance   |                   |   |      |   |
| IESO Active and Reactive Power Capability Verification FORM-56<br>1.1              | Generator         | No direct stakeholder experience.<br>Improvements stem from questions from market participants.<br>Posted for review on Pending Changes - April 10, 2019. | 1    | <p><b>Reason For Change</b><br/>To make small improvements to the document.</p> <p><b>Description of Change</b><br/>Maximum active power testing level clarified. Procedural steps in the event of unexpected tripping improved.</p> <p><b>Description of Impact</b><br/>Minor changes, improvements to form.</p>   |
| MOD-026 Verification of Models and Data for Generator Excitation FORM-57           | Generator         | Changes were inspired by questions received from market participants. Posted for  | 1    | <p><b>Reason For Change</b><br/>To make minor improvements to the document.</p> <p><b>Description of Change</b></p>   |

| Document Title, ID#, Ver.   | Intended Audience | Stakeholder History  | Cat. | Description of Change   |
|---|-------------------|--|------|---|
| 2.1   |                   | review on Pending Changes - April 10, 2019   |      | <p>Improve procedural steps in case of unexpected tripping. More clarity provided in cases where testing results in changes to models previously submitted to the IESO. Some minor spelling mistakes have been corrected.</p> <p><b>Description of Impact</b><br/>Minor changes made for clarity and improvement in procedural steps.</p>   |
| NERC Standard PRC-019: Coordination of Generating Unit or Plant Capabilities, Voltage Regulating Controls, and Protection FORM-69 1.1 | Generator         | Changes inspired by questions from market participants. Posted for review on Pending Changes - April 10, 2019.                       | 1    | <p><b>Reason For Change</b><br/>To make minor improvements to the documents.</p> <p><b>Description of Change</b><br/>The text under the Loss of Excitation characteristic has been corrected to better assist market participants to choose more reliable settings.</p> <p><b>Description of Impact</b><br/>Minor changes made for clarity and improvement of form.</p>   |
| MOD-027 Verification of Models and Data for Generator Turbine/Governor and Load Control FORM-58 1.1                                   | Generator         | Some market participants sections referring to "previous" submissions not clear enough. Posted for Pending Changes - April 10, 2019. | 1    | <p><b>Reason For Change</b><br/>To make the document easier for MPs to use.</p> <p><b>Description of Change</b><br/>Clarifies the process when testing demonstrated models or parameters must be revised. Improves the procedures if unexpected tripping occurs during testing. Some small spelling and syntax improvements.</p> <p><b>Description of Impact</b><br/>Minor changes made to form for clarity and improvements in procedural steps.</p> |
| Settlements   |                   |  |      |   |
| List of Resources for Physical Bilateral Contracts IMO_PBCL_0001  | All               | Posted on IESO Pending Changes for review - March 29, 2019   | 2    | <p><b>Reason For Change</b><br/>Yearly update to List of Resources for Physical Bilateral Contracts</p> <p><b>Description of Change</b></p>   |



| Document Title, ID#, Ver.   | Intended Audience | Stakeholder History  | Cat. | Description of Change  |
|---|-------------------|--|------|--|
| 18.1  |                   |  |      | List updates for 2019<br><br><b>Description of Impact</b><br>List was updated for 2019.  |
| Update to Baseline  |                   |  |      |  |
| Market Manual 5: Settlements Part 5.5: Physical Markets Settlement Statements<br>MDP_PRO_0033<br>72.1 | All               | IMDC-53 Posted March 14, 2019 - Dispute Resolution and Global Adjustment. Recommendation of the Market Surveillance Panel to implement changes to allow the recovery of unwarranted CMSC payments. Posted for review on Pending Changes - April 18, 2019 | 3    | <b>Reason For Change</b><br>Refer to table of changes.<br><br><b>Description of Change</b><br>As per IMDC-53, implemented new charge types for Dispute Resolution and Global Adjustment. Changed the CMSC clawback for dispatchable loads business rules - Remove CMSC materiality threshold (\$4,000)<br><br><b>Description of Impact</b><br>Effective February 28, 2019 a new chare type to support Local Distribution Companies monthly Global Adjustment reconciliations for previous month GA adjustments will be implemented. Effective June 1, 2019 CMSC materiality threshold will be set at \$0 removing any exemptions and replacing the previously set threshold of \$4000. |
| IESO Charge Types and Equations<br>IMP_LST_0001<br>65.1   | All               | IMDC-53 Posted March 14, 2019 - Dispute Resolution and Global Adjustment. Recommendation of the Market Surveillance Panel to implement changes to allow the recovery of unwarranted CMSC payments. Posted for review on Pending                          | 3    | <b>Reason For Change</b><br>Refer to table of changes<br><br><b>Description of Change</b><br>As per IMDC-53, implemented new charge types for Dispute Resolution and Global Adjustment. Changed the CMSC clawback for dispatchable loads business rules - Remove CMSC materiality threshold (\$4,000)<br><br><b>Description of Impact</b><br>Effective February 28, 2019 a new chare type to support Local Distribution Companies monthly Global Adjustment reconciliations for previous month GA adjustments will be implemented. Effective June 1, 2019 CMSC materiality threshold   |

| Document Title, ID#, Ver.   | Intended Audience | Stakeholder History  | Cat. | Description of Change   |
|---|-------------------|--|------|---|
|   |                   | Changes - April 18, 2019   |      | will be set at \$0 removing any exemptions and replacing the previously set threshold of \$4000.  |
| Market Manual 2: Market Administration Part 2.20 Performance Validation IESO_REQ_0208 7.1               | All               | Posted for review on Pending Changes - April 12, 2019.   | 1    | <p><b>Reason For Change</b><br/>Updated Section 5.7, added DC4B to the list of Excitation System Models.</p> <p><b>Description of Change</b><br/>Section 5.7 was updated to include DC4B to the list of Excitation System Models.</p> <p><b>Description of Impact</b><br/>Section 5.7: Added DC4B to the list of Excitation System Models.</p>  |
| Market Manual 7: Systems Operations Part 7.4: IESO-Controlled Grid Operating Policies IMP_POL_0002 35.1 | All               | Posted for review on Pending Changes - April 12, 2019.   | 1    | <p><b>Reason For Change</b><br/>Various updates were made to improve content clarity.</p> <p><b>Description of Change</b><br/>Refer to Table of Changes for updates made in Sections 2.7.8, 4.3.3, 4.3.5 and Appendix A.</p> <p><b>Description of Impact</b><br/>Updated the following section for clarity. Sections 2.7.8 - Added RAS arming restrictions to avoid confusion; 4.3.3 - Corrected formula; 4.3.5 - Added clarification on loads; and in Appendix A - Changed wording to be consistent between Group 1, Group 2 and Group 3 contingencies. Separated Group 2 permanent three-phase fault and single-phase-to-ground fault to avoid confusion.</p> |
| Market Manual 7: System Operations Part 7.3: Outage Management IMP_PRO_0035 37.2                        | All               | Version 37.1: Posted on Pending Changes for public stakeholdering March 13, 2019. Version 37.2: Posted on Pending Changes for public stakeholdering May 1, | 2    | <p><b>Reason For Change</b><br/>37.1: Updated the criteria for outages that would be eligible for Final Approval in Advance (FAA) (Section 2.7.7 and Appendix D) based on IESO process improvements. 37.2: Revised Hourly Demand Response (HDR) content so that it is consistent with the HDR content in Market Manuals 4.3 and 9.3, issued on April 30, 2019.</p> <p><b>Description of Change</b></p>  |

| Document Title, ID#, Ver.  | Intended Audience            | Stakeholder History  | Cat. | Description of Change  |
|--|------------------------------|--|------|--|
|  |                              | 2019.  |      | <p>37.1: Updated the criteria for outages that would be eligible for Final Approval in Advance (FAA) (Section 2.7.7 and Appendix D) based on IESO process improvements. 37.2: Revised Section 4.2.4 content to indicate that market participants with HDR resources will receive an activation notice approximately 2 hours and 30 minutes in advance (but no later than 2 hours in advance) of the first dispatch hour of the test activation.</p> <p><b>Description of Impact</b><br/>HDR content is consistent across different market manuals.</p> |
| Dispatch Notification Service Web Service Design Specifications SPEC-155 1.1 | Dispatchable Load; Generator | This specification document was issued as v1.1 instead of v2.0 with the issue date of April 26, 2018. Participants were notified of the update but the document was never submitted through the baseline for publishing. Version 1.1 was published on TI page - May 1, 2019. Version will be correct at next update. | 1    | <p><b>Reason For Change</b><br/>Changes made in version 1.1 was to add field LAST_UPDATED to newDispatches.</p> <p><b>Description of Change</b><br/>Added field LAST_UPDATED to newDispatches. This specification was updated with an issue date of April 26, 2018.</p> <p><b>Description of Impact</b><br/>The changes made in version 1.1. of the Dispatch Notification specification were to add field LAST_UPDATED to newDispatches.</p>   |

## 2.3 Obsolete Documents

Content of obsolete documents is no longer applicable or required.

| Document Title   | Document Number |
|--|-----------------|
| IEEE Type 2 Excitation System  | IMO_FORM_1106   |
| IEEE Type 1 Excitation System  | IMO_FORM_1107   |
| Letter of Empowerment  | IMO_FORM_1141   |
| RMP User - Resource Relationship   | IMO_FORM_1421   |
| Assigning a Registered Market Participant and Metered Market Participant for an Energy Market Resource | IMO_FORM_1299   |
| Assigning a Metering Service Provider and a Distributor for an Energy Market Delivery Point            | IMO_FORM_1300   |
| Assigning a Metering Service Provider and a Transmitter for a Transmission Tariffs Delivery Point      | IMO_FORM_1304   |

## 2.4 Superseded Documents

Content of superseded documents have been merged with an existing or new document.

| Document Title   | Document Number | Incorporated into Document   |
|--|-----------------|--|
| Dispute Resolution Balancing Amount (Market) – HST Guide             | IMDC-51         | Will be superseded and incorporated into HST Guide for IESO Transactions (IMO_GDE_0002)                      |
| Class B Global Adjustment Prior Period Settlement Amount – HST Guide | IMDC-52         | Will be superseded and incorporated into HST Guide for IESO Transactions (IMO_GDE_0002)                      |
| Dispute Resolution and Global Adjustment                             | IMDC-53         | MM5.5 Physical Markets Settlement Statements (MDP_PRO_0033)<br>IESO Charge Type and Equations (IMP_LST_0001) |
| Dispute Resolution and Global Adjustment - FFS                       | IMDC-54         | Format Specification for Settlement Statement File and Data Files (IMP_SPEC_0005)                            |

## 2.5 Pending Documents

The following documents were pending when the baseline was published and will be issued when available.

| Document Title                  | Document Number | Target Date   |
|---------------------------------|-----------------|---|
| HST Guide for IESO Transactions | IMO_GDE_0002    | Will be published when available<br>IMDC-51 and 52 still enforce. |

## 2.6 Deferred Documents

The following document is deferred to the next baseline.

| Document Title   | Document Number | Target Date   |
|--|-----------------|---------------|
| Market Manual 11: Reliability Compliance Part 11.1<br>Applicability Criteria for Compliance with NERC Reliability<br>Standards and NPCC Criteria | IESO_GDE_0364   | Baseline 42.0 |

## 2.7 Withdrawn Documents

The following document is withdrawn from the current baseline.

| Document Title | Document Number | Target Date |
|----------------|-----------------|-------------|
|                |                 |             |

## 2.8 Interim Documents

At the time of publishing this document, the Interim documents listed are currently posted on the Pending Changes web page for participant review. The planned publication date is in the right column. Until that time the document may be subject to change. For updates to baseline documents, please refer to the Baseline Plan.

| Document Title | Document Number | Planned Publication Date |
|----------------|-----------------|--------------------------|
|                |                 |                          |

– End of Section –

Archive

## 3. Document Listing

The table below represents the documents available to *market participants* on the *IESO* website at their current issue.

| Master Document | Document Title  | Document Number  | Document Description   | Issue |
|-----------------|---|------------------|--|-------|
| Market Rules    | Market Rules for the Ontario Electricity Market   | MDP_RUL_0002     | <i>Market Rules</i> for the Ontario Electricity Market for current Baseline  | 71.0  |
| Market Rules    | Market Rules Chapter 01 Introduction and Interpretation                                 | MDP_RUL_0002_01  | This chapter deals with matters such as the background and the objectives of the <i>market rules</i> .   | 9.0   |
| Market Rules    | Market Rules Chapter 1 Introduction And Interpretation Of The Market Rules - Appendices | MDP_RUL_0002_01A | This chapter deals with matters such as the background and the objectives of the <i>market rules</i> .   | 2.0   |
| Market Rules    | Market Rules Chapter 02 Participation   | MDP_RUL_0002_02  | This chapter deals with matters such as application, prudential requirements, technical requirements and payment default.  | 20.0  |
| Market Rules    | Market Rules Chapter 2 Participation - Appendices                                       | MDP_RUL_0002_02A | This chapter deals with matters such as application, prudential requirements, technical requirements and payment default.  | 11.0  |
| Market Rules    | Market Rules Chapter 03 Administration, Supervision, Enforcement                        | MDP_RUL_0002_03  | This chapter deals with matters such as dispute resolution, market surveillance, rule amendment, information confidentiality and enforcement.  | 28.0  |
| Market Rules    | Market Rules Chapter 3 Administration, Supervision, Enforcement - Appendices            | MDP_RUL_0002_03A | This chapter deals with matters such as dispute resolution, market surveillance, rule amendment, information confidentiality and enforcement.  | 4.0   |
| Market Rules    | Market Rules Chapter 04 Grid Connection Requirements                                    | MDP_RUL_0002_04  | This chapter deals with matters such as out equipment standards, performance standards and obligations of <i>market participants</i> , connection conditions and provision and use of connection-related information.  | 13.0  |
| Market Rules    | Market Rules Chapter 4 Grid Connection Requirements - Appendices                        | MDP_RUL_0002_04A | This chapter deals with matters such as out equipment standards, performance standards and obligations of <i>market participants</i> , connection conditions and provision and use of connection-related information.  | 12.0  |
| Market Rules    | Market Rules Chapter 05 Power System Reliability  | MDP_RUL_0002_05  | This chapter deals with matters such as obligations and responsibilities, system <i>reliability</i> , system <i>security</i> , <i>outage</i> co-ordination, forecasting, voltage and <i>demand</i> control, <i>emergency</i> preparedness and information and reporting. | 36.0  |
| Market Rules    | Market Rules Chapter 5 Power System Reliability - Appendices                            | MDP_RUL_0002_05A | This chapter deals with matters such as obligations and responsibilities, system <i>reliability</i> , system <i>security</i> , <i>outage</i> co-ordination, forecasting, voltage and <i>demand</i> control, <i>emergency</i> preparedness and information and reporting. | 6.0   |
| Market Rules    | Market Rules Chapter 06 Wholesale Metering  | MDP_RUL_0002_06  | This chapter deals with matters such as <i>meter installation</i> , metering service provision, access, <i>security</i> and processing of <i>meter data</i> and performance of <i>meter installations</i> .  | 14.0  |

| Master Document | Document Title   | Document Number  | Document Description  | Issue |
|-----------------|--|------------------|---|-------|
| Market Rules    | Market Rules Chapter 6 Wholesale Metering - Appendices   | MDP_RUL_0002_06A | This chapter deals with matters such as <i>meter</i> installation, metering service provision, access, <i>security</i> and processing of <i>meter</i> data and performance of <i>meter</i> installations.   | 11.0  |
| Market Rules    | Market Rules Chapter 07 System Operations and Physical Markets   | MDP_RUL_0002_07  | This chapter deals with matters such as registration, data submission, <i>dispatch</i> algorithm, pre-dispatch, real-time scheduling, price determination, <i>procurement markets</i> , <i>capacity reserve</i> market and <i>generator</i> commitment. | 39.0  |
| Market Rules    | Market Rules Chapter 7 System Operations and Physical Markets - Appendices   | MDP_RUL_0002_07A | This chapter deals with matters such as registration, data submission, <i>dispatch</i> algorithm, pre-dispatch, real-time scheduling, price determination, <i>procurement markets</i> , <i>capacity reserve</i> market and <i>generator</i> commitment. | 21.0  |
| Market Rules    | Market Rules Chapter 08 Physical Bilateral Contracts and Financial Markets   | MDP_RUL_0002_08  | This chapter deals with matters such as physical bilateral contracts, <i>energy forward market</i> , and <i>transmission rights</i> market associated with interchange risk management.   | 13.0  |
| Market Rules    | Market Rules Chapter 8 Physical Bilateral Contracts and Financial Markets - Appendices                               | MDP_RUL_0002_08A | This chapter deals with matters such as physical bilateral contracts, <i>energy forward</i> market, and <i>transmission rights</i> market associated with interchange risk management.  | 2.0   |
| Market Rules    | Market Rules Chapter 09 Settlements and Billing  | MDP_RUL_0002_09  | This chapter deals with matters such as <i>settlement</i> data collection, determination of hourly <i>settlement amounts</i> , non-hourly <i>settlement amounts</i> , market power mitigation and <i>settlement statements</i> .                        | 45.0  |
| Market Rules    | Market Rules Chapter 9 Settlements and Billing - Appendices  | MDP_RUL_0002_09A | This chapter deals with matters such as <i>settlement</i> data collection, determination of hourly <i>settlement amounts</i> , non-hourly <i>settlement amounts</i> , market power mitigation and <i>settlement statements</i> .                        | 3.0   |
| Market Rules    | Market Rules Chapter 10 Transmission Service and Planning  | MDP_RUL_0002_10  | This chapter deals with matter such as basic use service, export service, connection service, transformation service, system <i>adequacy</i> and investment and information requirements.   | 4.0   |
| Market Rules    | Market Rules Chapter 11 Definitions  | MDP_RUL_0002_11  | This chapter sets out definitions of terms used in the Rules.   | 50.0  |
| Market Rules    | Market Rules to Manuals Cross Reference Guide  | GDE-23           | Cross reference guide for market participants when referring to an applicable market manual.  | 5.0   |
| Market Manual   | Market Manual 1: Market Entry, Maintenance and Exit Part 1.1: Participant Authorization, Maintenance and Exit        | MDP_PRO_0014     | This document provides detailed procedures to be followed by <i>applicants</i> who wish to become authorized as <i>market participants</i> in the physical and financial <i>IESO</i> -administered markets.   | 29.0  |
| Market Manual   | Market Manual 1: Market Entry, Maintenance and Exit Part 1.2: Facility Registration, Maintenance and De-Registration | MDP_PRO_0016     | This document provides detailed procedures to be followed by <i>market participants</i> , who wish to register, maintain or de-register <i>facilities</i> as part of their participation in the <i>IESO</i> -administered <i>Physical Markets</i> .     | 37.0  |
| Market Manual   | Market Manual 1: Market Entry Maintenance & Exit Part 1.3 Identity Management Operations Guide                       | IMP_GDE_0088     | This guide describes the process for <i>Market Participants</i> and the <i>IESO</i> to register, initialize, change, and revoke Digital Certificates required for access to <i>IESO</i> -secure Web servers.  | 24.0  |



| Master Document  | Document Title  | Document Number | Document Description  | Issue |
|------------------|---|-----------------|---|-------|
| Market Manual    | Market Manual 2: Market Administration: Part 2.1 Dispute Resolution   | MDP_PRO_0017    | This procedure provides information to allow <i>Market Participants</i> , the <i>IESO</i> , and others to resolve disputes that are subject to the dispute resolution process set forth in the <i>market rules</i> .  | 14.0  |
| Public Procedure | Market Manual 2: Market Administration: Part 2.2: Exemption Application and Assessment                            | IMO_PRO_0019    | This document sets out the procedure established by the independent directors of the <i>IESO Board</i> by which <i>exemption applicants</i> may apply for an <i>exemption</i> from the application of standards and obligations                                 | 4.0   |
| Market Manual    | Market Manual 2: Market Administration Part 2.3: Market Rule Amendment Procedure                                  | MDP_PRO_0019    | This procedure provides the steps to initiate and process an amendment to the <i>market rules</i> .   | 6.0   |
| Market Manual    | Market Manual 2: Market Administration Part 2.5 Maintaining Surveillance Data and Amending the Data Catalogue     | MDP_PRO_0021    | This procedure provides <i>market participants</i> with information for providing market surveillance data to the <i>IESO</i> , requesting market surveillance data from the <i>IESO</i> , and submitting amendments to the Market Surveillance Data Catalogue. | 7.0   |
| Market Manual    | Market Manual 2: Market Administration Part 2.6: Treatment of Compliance Issues                                   | MDP_PRO_0022    | This procedure provides the steps required for the treatment of compliance issues by both <i>Market Participants</i> and the <i>IESO</i> .  | 20.0  |
| Market Manual    | Market Manual 2: Market Administration Part 2.7: Treatment of Market Surveillance Issues                          | MDP_PRO_0023    | This procedure provides the steps to process market surveillance issues.  | 8.0   |
| Market Manual    | Market Manual 2: Market Administration Part 2.8: Reliability Assessments Information Requirements                 | MDP_PRO_0024    | This procedure provides the steps required for <i>market participants</i> to submit the information required for <i>reliability</i> assessments.  | 15.0  |
| Market Manual    | Market Manual 2: Market Administration Part 2.9: Request for Proposal (RFP) and Directives for Proposal (DFP)     | MDP_PRO_0025    | This procedure provides the steps for issuing and responding to Requests for Proposal (RFP) and Directives for Proposal (DFP).  | 6.0   |
| Market Manual    | Market Manual 2: Market Administration Part 2.10: Connection Assessment and Approval                              | MDP_PRO_0048    | This document provides detailed procedures to be followed by <i>applicants</i> who wish to connect to the <i>IESO</i> -administered grid.   | 17.0  |
| Market Manual    | Market Manual 2: Market Administration Part 2.11: 18-Month Outlook and Related Information Requirements           | IMP_PRO_0024    | This procedure provides the steps required for <i>market participants</i> to submit the information required for the 18-Month Outlook, and specifies the information to be contained in the Outlook.  | 12.0  |
| Market Manual    | Market Manual 2: Market Administration Part 2.12: Treatment of Local Market Power                                 | IMO_PRO_0034    | This procedure provides the steps required for the review of prices related to CMSC payments, as described in Appendix 7.6 of Chapter 7 of the <i>market rules</i> .  | 9.0   |
| Market Manual    | Market Manual 2: Market Administration Part 2.13: Market Document Baseline Management                             | IMO_PRO_0039    | This document provides market participants with an overview of the Market Document Baseline Management procedure used by the <i>IESO</i> for maintaining and updating documentation related to the <i>IESO</i> -administered markets.                           | 4.0   |
| Market Manual    | Market Manual 2.0: Market Administration Part 2.14: Information Confidentiality Catalogue                         | IMO_CAT_0002    | This is a catalogue of information in the possession and control of the <i>IESO</i> .   | 9.0   |
| Market Manual    | Market Manual 2.0 Market Administration Part 2.16: Ontario Technical Feasibility Exception                        | IESO_PRO_0680   | This procedure provides guidance to TFE applicants on the Ontario-adapted <i>NERC</i> Technical Feasibility Exception process.  | 5.0   |
| Market Manual    | Market Manual 2: Market Administration Part 2.17: Compliance Auditing of Reliability Standards for Ontario Market | IESO_PRO_0803   | This procedure provides guidance on auditing of <i>reliability standards</i> for Ontario <i>Market Participants</i> .   | 1.0   |

| Master Document | Document Title   | Document Number | Document Description   | Issue |
|-----------------|--|-----------------|--|-------|
|                 | Participants   |                 |  |       |
| Market Manual   | Market Manual 2: Market Administration, Part 2.20 Performance Validation   | IESO_REQ_0208   | A document to mitigate risks that equipment will not be suitable for connection to the <i>IESO-controlled grid</i> and to clarify validation requirements.   | 8.0   |
| Market Manual   | Market Manual 3: Metering Part 3.0: Metering Overview  | MDP_MAN_0003    | This document provides an overview of the <i>market manual</i> for Metering.   | 11.0  |
| Market Manual   | Market Manual 3: Metering Part 3.1: Metering Service Provider (MSP) Registration, Revocation, and De-registration              | MDP_PRO_0007    | This document provides an overview of the steps associated with registration, revocation, and de-registration of <i>metering service providers</i> .   | 16.0  |
| Market Manual   | Market Manual 3: Metering Part 3.2: Meter Point Registration and Maintenance   | MDP_PRO_0013    | This document describes the procedures for registering <i>meter</i> points and changes to <i>metering installations</i> in the <i>IESO</i> marketplace.  | 27.0  |
| Market Manual   | Market Manual 3: Metering Part 3.4: Measurement Error Correction   | MDP_PRO_0010    | This document provides guidance to <i>metering service providers</i> on how to calculate and submit Measurement Error Correction (MEC) to the <i>IESO</i> .  | 11.0  |
| Market Manual   | Market Manual 3: Metering Part 3.5: Site Specific Loss Adjustments   | MDP_PRO_0011    | This document provides guidance to <i>metering service providers</i> on how to calculate and submit Site-Specific Loss Adjustments (SSLA) to the <i>IESO</i> .   | 8.0   |
| Market Manual   | Market Manual 3: Metering Part 3.6: Conceptual Drawing Review  | MDP_PRO_0012    | This document provides guidance to <i>metering service providers</i> and <i>metered market participants</i> on how to submit conceptual drawings for proposed <i>metering installations</i> and changes to existing <i>metering installations</i> to the <i>IESO</i> for review. | 13.0  |
| Market Manual   | Market Manual 3: Metering Part 3.7: Totalization Table Registration  | IMP_PRO_0047    | This procedure describes the process through which <i>metering service providers</i> submit Totalization Tables and approve the tables entered by the <i>IESO</i> in the <i>Metering Registry</i> .  | 21.0  |
| Market Manual   | Market Manual 3: Metering Part 3.8 Creating and Maintaining Delivery Point Relationships                                       | IMP_PRO_0057    | This procedure details the procedures to be followed by <i>market participants</i> to enable the creation and maintenance of <i>delivery point</i> relationships, after the <i>market commencement date</i> .  | 12.0  |
| Market Manual   | Market Manual 3: Metering Part 3.9: Conformance Monitoring   | IMP_PRO_0058    | This document provides <i>market participants</i> , <i>metered market participants</i> (MMPs), and <i>metering service providers</i> (MSPs) with the steps required to comply with the <i>IESO</i> Conformance Monitoring process.   | 18.0  |
| Market Manual   | Market Manual 3: Metering Part 3.10 Transmission Grid - High Voltage Metering  | IESO_PRO_0573   | This procedure describes the process to be followed by <i>market participants</i> when installing a <i>single metering installation</i> for more than one <i>connection point</i> or <i>embedded connection point</i> .  | 1.0   |
| Market Manual   | Market Manual 4: Market Operations Part 4.2: Submission of Dispatch Data in the Real-Time Energy and Operating Reserve Markets | MDP_PRO_0027    | This procedure provides guidance to <i>Market Participants</i> on the submission of <i>dispatch</i> data in the Real-Time Energy and <i>Operating Reserve Markets</i> .  | 59.0  |
| Market Manual   | Market Manual 4: Market Operations Part 4.3: Real-Time Scheduling of the Physical Markets                                      | IMP_PRO_0034    | This procedure provides guidance to <i>Market Participants</i> on the Real-time scheduling process in the <i>IESO</i> -administered <i>physical markets</i> .  | 55.0  |

| Master Document | Document Title  | Document Number | Document Description  | Issue |
|-----------------|---|-----------------|---|-------|
| Market Manual   | Market Manual 4: Market Operations Part 4.4: Transmission Rights Auction                  | MDP_PRO_0029    | This procedure provides guidance to <i>Market Participants</i> on the operation of the <i>Transmission Rights Auction</i> process.  | 19.0  |
| Market Manual   | Market Manual 4: Market Operations Part 4.5: Market Suspension and Resumption             | MDP_PRO_0030    | This procedure provides <i>market participants</i> with the information necessary to respond to market suspension, operate during the suspension and support the subsequent resumption of normal market operations.   | 10.0  |
| Market Manual   | Market Manual 4: Market Operations Part 4.6: Real-Time Generation Cost Guarantee Program  | PRO-324         | This procedure provides guidance to <i>market participant</i> on the operation and settlement of the Real-Time Generation Cost Guarantee Program.   | 2.0   |
| Market Manual   | Market Manual 5: Settlements Part 5.0 Settlements Overview                                | MDP_MAN_0005    | This manual provides <i>market participants</i> with an overview of the procedures contained in the <i>Settlements Manual</i> and the timelines for <i>IESO</i> and market participant actions related to those procedures.   | 12.0  |
| Market Manual   | Market Manual 5: Settlements Part 5.1: Settlement Schedule and Payment Calendars (SSPC's) | MDP_PRO_0031    | This procedure describes the annual publication of the Settlement Schedule and Payments Calendars (SSPCs) and the manner in which <i>market participants</i> may submit comments and objections regarding draft versions of each SSPC.                              | 9.0   |
| Market Manual   | Market Manual 5: Settlements Part 5.2: Metering Data Processing                           | MDP_PRO_0032    | This procedure describes to <i>market participants metering data</i> processes for the purpose of <i>settlements</i> .  | 28.0  |
| Market Manual   | Market Manual 5: Settlements Part 5.3: Submission of Physical Bilateral Contract Data     | MDP_PRO_0034    | This procedure describes the activities required for the submission of <i>physical bilateral contract data</i> to the <i>IESO</i> by <i>selling market participants</i> for <i>settlement purposes</i> .  | 14.0  |
| Market Manual   | Market Manual 5: Settlements 5.4: Prudential Support                                      | MDP_PRO_0045    | This procedure describes the activities to be undertaken by the <i>IESO</i> and <i>Market Participants</i> to manage the <i>prudential support</i> required to participate in the <i>real-time market</i> .   | 28.0  |
| Market Manual   | Market Manual 5: Settlements Part 5.5: Physical Markets Settlement Statements             | MDP_PRO_0033    | This procedure describes the process to be followed by the <i>IESO</i> and <i>market participants</i> in issuing, retrieving and disputing <i>physical markets settlement statements</i> and describes supporting information issued by the <i>IESO</i> .           | 73.0  |
| Market Manual   | Market Manual 5: Settlements Part 5.6: Physical Markets Settlement Invoicing              | MDP_PRO_0035    | This procedure provides information required by the <i>IESO</i> and <i>market participants</i> to prepare and process <i>settlement invoices</i> for the <i>physical markets</i> administered by the <i>IESO</i> .  | 15.0  |
| Market Manual   | Market Manual 5: Settlements Part 5.7: Financial Market Settlement Statements             | MDP_PRO_0046    | This procedure provides steps for retrieving financial markets settlement statements and supporting information published by the <i>IESO</i> .  | 17.0  |
| Market Manual   | Market Manual 5: Settlements Part 5.8: Financial Market Settlement Invoicing              | MDP_PRO_0047    | This procedure provides information required by the <i>IESO</i> and <i>Market Participants</i> to prepare and process <i>settlement invoices</i> for the financial markets administered by the <i>IESO</i> .  | 15.0  |
| Market Manual   | Market Manual 5: Settlements Part 5.9: Settlement Payment Methods and Schedule            | MDP_PRO_0036    | This procedure describes the activities and schedule required by the <i>IESO</i> and <i>Market participants</i> to process both Market participant <i>settlement payments</i> to the <i>IESO</i> and <i>IESO settlement credits</i> to <i>Market participants</i> . | 19.0  |

| Master Document | Document Title  | Document Number | Document Description  | Issue |
|-----------------|---|-----------------|---|-------|
| Market Manual   | Market Manual 6: Participant Technical Reference Manual   | IMO_MAN_0024    | The <i>PTRM</i> provides the technical details for hardware and software that a participant in the electricity market may need to interface with the <i>IESO</i> .  | 34.0  |
| Market Manual   | Market Manual 7: System Operations Part 7.1: System Operating Procedures                          | MDP_PRO_0040    | This document provides procedures and guidelines for <i>Market Participants</i> and <i>IESO</i> that are required to ensure the <i>security</i> and <i>reliability</i> of the interconnected power system. It covers the span from normal conditions to <i>emergency</i> conditions that are just less than a system-wide shutdown. | 36.0  |
| Market Manual   | Market Manual 7: System Operations Part 7.2: Near-Term Assessments and Reports                    | IMP_PRO_0033    | This procedure describes the process by which the <i>IESO</i> undertakes short-term weekly and daily forecasts and assessments of expected system conditions on the <i>IESO-controlled grid</i> .   | 42.0  |
| Market Manual   | Market Manual 7: System Operations Part 7.3: Outage Management                                    | IMP_PRO_0035    | This document outlines the process <i>market participants</i> must follow in submitting <i>outage</i> requests for <i>facilities</i> .  | 38.0  |
| Market Manual   | Market Manual 7: Systems Operations Part 7.4: IESO-Controlled Grid Operating Policies             | IMP_POL_0002    | This document provides policy statements for reliable operation of the <i>IESO-Controlled grid</i> .  | 36.0  |
| Market Manual   | Market Manual 7: Systems Operations Part 7.6: Glossary of Standard Operating Terms                | IMP_GOT_0002    | This document provides a glossary of terms with definitions used in the System Operations Manual.   | 9.0   |
| Market Manual   | Market Manual 7: System Operations Part 7.8: Ontario Power System Restoration Plan                | IMO_PLAN_0001   | This document provides the requirements, procedures and guidelines to be followed by those <i>Market Participants</i> that are Restoration Participants and the <i>IESO</i> to support and implement the Ontario Power System Restoration Plan.   | 16.0  |
| Market Manual   | Market Manual 7: System Operations Part 7.10: Ontario Electricity Emergency Plan                  | IMO_PLAN_0002   | This document describes the Ontario electricity sector's <i>emergency</i> management program, and how the <i>IESO</i> coordinates with market participant and government stakeholders   | 9.0   |
| Market Manual   | Market Manual 9.0: Operating in the Day Ahead Commitment Process                                  | IESO_MAN_0041   | This manual provides the operations and <i>settlement</i> procedures related to the Day-Ahead Commitment Process.   | 13.0  |
| Market Manual   | Market Manual 9.1: Submitting Registration Data for Day-Ahead Commitment Process                  | IESO_MAN_0076   | This document provides guidance to Market Participant on the submission of registration data of the Day-Ahead Commitment Process.   | 2.0   |
| Market Manual   | Market Manual 9.2: Submission of Operational and Market Data for the Day-Ahead Commitment Process | IESO_MAN_0077   | This document provides guidance to Market Participants on the submission of dispatch data in the Day-Ahead Energy and Operating Reserve Markets.  | 10.0  |
| Market Manual   | Market manual 9.3: Operation of the Day-Ahead Commitment Process                                  | IESO_MAN_0078   | This document provides guidance to Market Participants on the operation of the Day-Ahead Commitment Process.  | 8.0   |
| Market Manual   | Market Manual 9.4: Real-Time Integration of the DACP  | IESO_MAN_0079   | This document provides guidance to Market Participants on the submission of dispatch data in the Real-Time Energy and Operating Reserve Markets.  | 5.0   |
| Market Manual   | Market Manual 9.5: Settlement for the Day-Ahead Commitment Process                                | IESO_MAN_0080   | This document provides guidance to Market Participants on the procedures associated with the interaction of the Day-Ahead Commitment Process with Settlements.  | 7.0   |

| Master Document                            | Document Title  | Document Number | Document Description  | Issue |
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| Market Manual                              | Market Manual 11.1 Applicability Criteria for Compliance with NERC Reliability Standards and NPCC Criteria                    | IESO_GDE_0364   | This guide outlines the criteria the <i>IESO</i> uses to determine applicability for compliance with NERC Reliability Standards and NPCC Criteria.  | 6.0   |
| Market Manual                              | Market Manual 11.2 Ontario Reliability Compliance Program   | IESO_PRO_0874   | This <i>market manual</i> describes the Ontario Reliability Compliance Program and the associated processes and procedures, along with the associated roles and responsibilities to assess, monitor and report <i>reliability</i> compliance to Electric Reliability Standards.   | 3.0   |
| Market Manual                              | Market Manual 11.3 Reliability Information Catalogue  | IESO_CAT_0011   | A catalogue of the information that is to be shared between the <i>IESO</i> and <i>Market Participants</i> in relation to maintaining the reliability of the <i>IESO-controlled grid</i> .  | 5.0   |
| Market Manual                              | Market Manual 11.4 Ontario Bulk Electric System (BES) Exception   | IESO_PRO_0875   | This procedure provides guidance to BES applicants on the Ontario-adapted NERC BES Exception procedure.   | 3.0   |
| Market Manual                              | Market Manual 11.5 Generation Verification  | IESO_PRO_0876   | This procedure describes the Generator Capability Verification process, intended to provide current and accurate modeling information for reliability assessments of the <i>IESO-controlled grid</i> .  | 2.0   |
| Market Manual                              | Market Manual 12.0 Demand Response Auction Part 12.0 Demand Response Auction  | MAN-44          | This procedure provides guidance to market participants on the operation of the demand response auction process.  | 6.0   |
| Market Manual                              | Market Manual 13.1 Capacity Export Requests   | PRO-357         | This procedure provides information to market participants on the submission and <i>IESO</i> assessment of Capacity Export Requests.  | 1.0   |
| Market Administration Forms and Agreements | 2015 Capacity Based Demand Response (CBDR) Program Settlement Processing Timelines  | CAL-12          | Initial Release, of <i>IESO's</i> transitional Capacity Based Demand Response (CBDR) Program  | 2.0   |
| Market Administration Forms and Agreements | System Impact Assessment Application (IESO)/ Customer Impact Assessment Application (Hydro One SSM) for Generation Facilities | FORM-21         | This form provides Hydro One Sault Ste. Marie (Hydro One SSM) an application form for Generation.   | 6.0   |
| Market Administration Forms and Agreements | System Impact Assessment Application (IESO)/ Customer Impact Assessment Application (Hydro One SSM) for Load Facilities       | FORM-22         | This form provides Hydro One Sault Ste. Marie (Hydro One SSM) an application form for Load.   | 6.0   |
| Reliability Compliance                     | NERC Reliability Standard EOP-003-2 - Load Shedding Plans   | FORM-29         | This form is used to ensure each Transmission Operator and Balancing Authority operating with insufficient generation or transmission capacity must have the capability and authority to shed load rather than risk an uncontrolled failure of the Interconnection.   | 1.0   |
| Reliability Compliance                     | NERC Reliability Standard IRO-001-1.1 - Reliability Coordination  | FORM-30         | This form is used to ensure Reliability Coordinators have the authority, plans, and agreements in place to immediately direct reliability entities within their Reliability Coordinator Areas to re-dispatch generation, reconfigure transmission, or reduce load to mitigate critical conditions to return the system to a reliable state. | 1.0   |

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| Reliability Compliance                     | NERC Reliability Standard PER-001-0.2 - Operating Personnel Responsibility and Authority   | FORM-31         | This form is used to ensure each Transmission Operator and Balancing Authority shall provide operating personnel with the responsibility and authority to implement real-time actions to ensure the stable and reliable operation of the Bulk Electric System. | 1.0   |
| Reliability Compliance                     | ORCP Requirements NERC Reliability Standard PER-005-1 – System Personnel Training  | FORM-32         | To facilitate compliance monitoring of this NERC standard, which was included on NERC' Compliance Monitoring and Enforcement Program (CMEP) list of actively monitored standards.  | 1.0   |
| Reliability Compliance                     | ORCP Requirements NERC Reliability Standard PRC-006-1 – Automatic Underfrequency Load Shedding   | FORM-33         | To facilitate compliance monitoring of this NERC standard, included on NERC's Compliance Monitoring and Enforcement Program (CMEP) list of actively monitored standards.   | 1.0   |
| Reliability Compliance                     | Ontario Reliability Compliance Program Requirements NERC Reliability Standard TOP-001-1a – Reliability Responsibilities and Authorities, | FORM-34         | To facilitate compliance monitoring of this NERC standard, included on NERC's Compliance Monitoring and Enforcement Program (CMEP) list of actively monitored standards.   | 1.0   |
| Reliability Compliance                     | Ontario Reliability Compliance Program Requirements NERC Reliability Standard TOP-008-1 – Response to Transmission Limit Violations,     | FORM-35         | To facilitate compliance monitoring of this NERC standard, included on NERC's Compliance Monitoring and Enforcement Program (CMEP) list of actively monitored standards.   | 1.0   |
| Settlements Forms and Agreements           | Capacity Based Demand Response (CBDR) Contributor Form   | FORM-39         | Capacity Based Demand Response (CBDR) Contributor Form   | 1.0   |
| Demand Response Auction                    | Demand Response Facilities   | FORM-46         | Demand Response Facilities   | 1.0   |
| Market Administration Forms and Agreements | Consent for Connect Cost Recovery Agreement Status Request   | FORM-49         | Consent for Connection Cost Recovery Agreement Status Request  | 1.0   |
| Reliability Compliance                     | Ontario Reliability Compliance Program - Requirements Form, NERC Reliability Standard: PRC-005-2(i) Protection System Maintenance        | FORM-54         | NERC Reliability Standard: PRC-005-2(i) Protection System Maintenance. form is used as an attachment to the electronic Self Certifications for Pool A participants through the Reliability Compliance Too  | 1.0   |
| Reliability Compliance                     | MOD-25 IESO Active and Reactive Power Capability Verification  | FORM-56         | This form was created to assist Generators efficiently fulfil obligations under NERC MOD-25.   | 2.0   |
| Reliability Compliance                     | MOD-026 Verification of Models and Data for Generator Excitation   | FORM-57         | This form was created to assist Generators efficiently fulfil obligations under NERC MOD-26  | 3.0   |
| Reliability Compliance                     | MOD-027 Verification of Models and Data for Generator Turbine/Governor and Load Control  | FORM-58         | This form was created to assist Generators efficiently fulfil obligations under NERC MOD-27  | 2.-0  |
| Reliability Compliance                     | NERC Standard PRC-019: Coordination of Generating Unit or Plant Capabilities, Voltage Regulating Controls, and Protection                | FORM-69         | This form was created to assist Generators anticipate and fulfill requirements submissions for NERC PRC-019.   | 2.0   |
| Reliability Compliance                     | NERC Standard PRC-24: Generator Frequency and Voltage Protective Relay Settings, and Related IESO Requirements                           | FORM-70         | This form was created to assist Generators submissions for NERC PRC-024 and related IESO requirements.   | 1.0   |

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| Market Assessment and Compliance Division (MACD) | Market Rules and Compliance and Enforcement Guidance Request  | FORM-75         | This form provides compliance and enforcement guidance regarding specific <i>market rules</i> and manuals.   | 1.0   |
| Metering Forms and Agreements                    | Connection Facility Station Service Not Metered by an RWM   | FORM-78         | This form will help market participants with the submission of the connection station service submission.  | 1.0   |
| Technical Interface Document                     | Revenue Metering Reports – Implementation Guide for EDI-867 Meter Data  | GDE-139         | This document describes the implementation to be used for the Ontario electric meter read data transfer and is based on the EDI-867 implementations in use in other jurisdictions.                                 | 1.0   |
| Technical Interface Document                     | Revenue Metering Reports – Importing and Reading the IESO EDI-867 Meter Data File   | GDE-140         | This document describes how to import and read the IESO EDI-867 Meter Data File  | 2.0   |
| Emergency Preparedness                           | Ontario Pandemic Influenza Plan for Continuity of Electricity Operations Planning Guide   | GDE-162         | This planning guide provides a common planning, mitigation and response framework to assure the continued reliability of Ontario's electricity system through an influenza (or other infectious disease) pandemic. | 4.0   |
| Technical Interface Document                     | Loss Equations - Administration of Losses   | GDE-184         | This document describes how loss equations (fixed loss factors and loss coefficients) are applied to specific service points within the IESO's Meter Data Management (MDM) system.                                 | 2.0   |
| Market Administration                            | Quick Take: Interim Market Document Change (IMDC)   | GDE-280         | This Quick Take describes how and when an IMDC is used by the IESO when introducing changes to market documents between scheduled quarterly baseline publications dates.   | 1.0   |
| Market Administration Forms and Agreements       | Cost Recovery Agreement   | IESO_AGR_0022   | Cost Recovery Agreement for Requests for Connection Assessments that do not Require a Formal Connection Assessment and Approval Study – Expedited System Impact Assessment   | 4.0   |
| Market Administration Forms and Agreements       | TFE Cost Recovery Agreement   | IESO_AGR_0023   | Initial Release, written to correspond with Ontario Technical Feasibility Exception Procedure  | 4.0   |
| Reliability Compliance                           | IESO Reliability Compliance Program - Requirement Form – NPCC Directory #8 – Section 5.7, OPSRP – Section 12, Key Facility Critical Component Testing | IESO_FORM_1520  | Key Facilities/Critical Components List  | 2.0   |
| Market Administration Forms and Agreements       | Request To Transfer Exemption   | IESO_FORM_1603  | Request To Transfer Exemption form   | 2.0   |
| Market Administration Forms and Agreements       | IESO Staff Recommendation to Panel on Request to Transfer Exemption   | IESO_FORM_1604  | IESO Staff Recommendation to Panel on Request to Transfer Exemption form   | 1.0   |
| Reliability Compliance                           | Ontario Reliability Compliance Program Requirements Form - Emergency Preparedness Plan  | IESO_FORM_1608  | Ontario Reliability Compliance Program Requirements Form - Emergency Preparedness Plan is used to self-certify compliance with Ontario emergency planning and recovery <i>market rules</i> .                       | 8.0   |
| Reliability Compliance                           | IESO Reliability Compliance Program – Program Certification Form NERC Reliability Standard EOP-005 Emergency Restoration Planning                     | IESO_FORM_1609  | IESO Reliability Compliance Program Requirements Form – Emergency Restoration Planning is used to self-certify compliance with Ontario emergency planning and recovery <i>market rules</i> .                       | 10.0  |

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| Reliability Compliance           | Ontario Reliability Compliance Program - Requirements Form - NERC Reliability Standard CIP-001-2a Sabotage Reporting                                       | IESO_FORM_1610  | Sabotage Reporting contains the requirements to report disturbances or unusual occurrences suspected or determined to be caused by sabotage.   | 5.0   |
| Reliability Compliance           | IESO Reliability Compliance Program Certification Form NERC Reliability Standard PER-002 Operating Personnel Training                                      | IESO_FORM_1611  | IESO Reliability Compliance Program Certification Form NERC Reliability Standard PER-002 Operating Personnel Training  | 2.0   |
| Reliability Compliance           | Ontario Reliability Compliance Program Requirements NERC Reliability Standard PER-003-1 Operating Personnel Credentials                                    | IESO_FORM_1612  | To facilitate compliance monitoring of this NERC standard, included on NERC's Compliance Monitoring and Enforcement Program (CMEP) list of actively monitored standards.   | 2.0   |
| Reliability Compliance           | Ontario Reliability Compliance Program Requirements Form – NERC Reliability Standard - FAC-008-1, Facility Ratings Methodology                             | IESO_FORM_1623  | Facility Ratings Methodology   | 6.0   |
| Reliability Compliance           | Ontario Reliability Compliance Program - Requirements Form - NERC Reliability Standard - FAC-009-1, Establish and Communicate Facility Ratings             | IESO_FORM_1624  | Establish and Communicate Facility Ratings   | 6.0   |
| Reliability Compliance           | IESO Reliability Compliance Program - Certification Form NERC Reliability Standard: MOD-010-0 Steady-state System Modeling Data                            | IESO_FORM_1632  | Steady-state System Modeling Data  | 2.0   |
| Reliability Compliance           | IESO Reliability Compliance Program - Certification Form NERC Reliability Standard: MOD-012-0 Dynamic Modeling Data  | IESO_FORM_1633  | Dynamic Modeling Data  | 2.0   |
| Reliability Compliance           | IESO Reliability Compliance Program Certification Form - Verification of Generator Gross and Net Real Power Capability                                     | IESO_FORM_1635  | Verification of Generator Gross and Net Real and Reactive Power Capability   | 3.0   |
| Reliability Compliance           | IESO Reliability Compliance Program Certification Form NERC Reliability Standard MOD-025 Verification of Generator Gross and Net Reactive Power Capability | IESO_FORM_1636  | Verification of Generator Gross and Net Reactive Power Capability  | 2.0   |
| Reliability Compliance           | Ontario Reliability Compliance Program - Requirements Form - NERC Reliability Standard PRC-001 – System Protection Coordination                            | IESO_FORM_1637  | System Protection Coordination form is used to self-certify that system protection is coordinated among operating entities   | 6.0   |
| Reliability Compliance           | IESO Reliability Compliance Program Certification Form NERC Reliability Standard: PRC-015 Special Protection System Data and Document                      | IESO_FORM_1640  | PRC-015 Special Protection System Data and Document  | 2.0   |
| Reliability Compliance           | Ontario Reliability Compliance Program - Requirements Form NERC Reliability Standard: TOP-002-2a and TOP-002-2b Normal Operations Planning                 | IESO_FORM_1643  | Normal Operations Planning   | 5.0   |
| Reliability Compliance           | Ontario Reliability Compliance Program - Requirements NERC Reliability Standard TOP-006-2 Monitoring System Conditions,                                    | IESO_FORM_1645  | To facilitate compliance monitoring of this NERC standard, which was included on NERC's Compliance Monitoring and Enforcement Program (CMEP) list of actively monitored standards  | 2.0   |
| Settlements Forms and Agreements | Fuel Cost Compensation   | IESO_FORM_1654  | To facilitate recovery of certain fuel costs if a <i>generator</i> is first committed through the Day Ahead Commitment Process (DACP), accepts the day-ahead production cost guarantee and then is subsequently de-committed by the IESO. This | 3.0   |



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|                               |   |                 | form is intended for submitting generation cost information to keep a <i>generator</i> whole for costs incurred to meet a day-ahead commitment that the <i>generator</i> cannot recover from the market or elsewhere.  |       |
| Metering Forms and Agreements | Acceptance of Compliance Aggregation Model  | IESO_FORM_1660  | Acceptance of Compliance Aggregation Model   | 4.0   |
| Metering Forms and Agreements | Application to Retain Registration under the Alternative Metering Installation Standard   | IESO_FORM_1663  | <i>Metered Market Participants</i> can apply to retain registration under the alternative metering installation standard   | 1.0   |
| Metering Forms and Agreements | Acceptance of Meter Disaggregation Model  | IESO_FORM_1665  | This is a new form that is referenced in Market Manual 3: Metering Part 3.7: Totalization Table Registration   | 3.0   |
| Reliability Compliance        | Ontario Reliability Compliance Program - Requirements Form - NERC Reliability Standards: CIP-002-3 Cyber Security - Critical Cyber Asset Identification | IESO_FORM_1694  | Critical Cyber Asset Identification is used to self-certify compliance with the NERC requirement to identify Critical Cyber Assets associated with the Critical Assets that support the reliable operation of the Bulk Electric System.  | 6.0   |
| Reliability Compliance        | Ontario Reliability Compliance Program - Requirements Form - NERC Reliability Standards: CIP-003-3 Cyber Security - Security Management Controls        | IESO_FORM_1695  | Security Management Controls is used to self-certify that minimum security management controls are in place to protect Critical Cyber Assets.  | 6.0   |
| Reliability Compliance        | Ontario Reliability Compliance Program - Requirements Form - NERC Reliability Standards: CIP-004-3 Cyber Security - Personnel and Training              | IESO_FORM_1696  | Personnel and Training is used to self-certify that personnel having authorized cyber or unescorted physical access to Critical Cyber Assets, including contractors and service vendors, have an appropriate level of personnel risk assessment, training, and security awareness. | 7.0   |
| Reliability Compliance        | Ontario Reliability Compliance Program - Requirements Form - NERC Reliability Standard: CIP-005-3a Cyber Security - Electronic Security Perimeter(s)    | IESO_FORM_1697  | Electronic Security Perimeter(s) is used to self-certify the identification and protection of the Electronic Security Perimeter(s) inside which all Critical Cyber Assets reside, as well as all access points on the perimeter.   | 8.0   |
| Reliability Compliance        | Ontario Reliability Compliance Program - Requirements Form - NERC Reliability Standard: CIP-006 Physical Security of Critical Cyber Assets              | IESO_FORM_1698  | Physical Security of Critical Cyber Assets is to self-certify compliance with the NERC requirement to implement a physical security program for the protection of Critical Cyber Assets.   | 7.0   |
| Reliability Compliance        | Ontario Reliability Compliance Program - Requirements Form - NERC Reliability Standard: CIP-007 Systems Security Management                             | IESO_FORM_1699  | Systems Security Management is to self-certify compliance with the NERC requirement for Responsible Entities to define methods, processes, and procedures for securing Critical Cyber Assets and other Cyber Assets within the Electronic Security Perimeter(s).                   | 9.0   |
| Reliability Compliance        | Ontario Reliability Compliance Program - Requirements Form - NERC Reliability Standard: CIP-008 Incident Reporting and Response Planning                | IESO_FORM_1700  | Incident Reporting and Response Planning is to self-certify compliance with the NERC requirement to identify, classify, respond to and report Cyber Security Incidents related to Critical Cyber Assets.   | 5.0   |
| Reliability Compliance        | Ontario Reliability Compliance Program - Requirements Form - NERC Reliability Standard: CIP-009 Recovery Plans for Critical Cyber Assets                | IESO_FORM_1701  | Recovery Plans for Critical Cyber Assets is to self-certify compliance with the NERC requirement to put in place recovery plans for Critical Cyber Assets and that these plans follow established business continuity and disaster recovery techniques and practices.              | 6.0   |

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| Reliability Compliance                     | Ontario Reliability Compliance Program - Requirements Form NERC Reliability Standard: NUC-001-2 Nuclear Plant Interface Coordination   | IESO_FORM_1704  | Nuclear Plant Interface Coordination   | 4.0   |
| Market Administration Forms and Agreements | Renewable Energy Generation Facility Application to Request a Connection Assessment for Hydro One  | IESO_FORM_1706  | Renewable Energy Generation Facility Application to Request a Connection Assessment for Hydro One  | 11.0  |
| Market Administration Forms and Agreements | Renewable Energy Generation Facility Application to Request a Connection Assessment for Hydro One SSM  | IESO_FORM_1707  | Renewable Energy Generation Facility Application to Request a Connection Assessment for Hydro One Sault Ste. Marie   | 10.0  |
| Market Administration Forms and Agreements | NERC Critical Infrastructure Protection Standards - Technical Feasibility Exception Request and Material Change Report Submission Form   | IESO_FORM_1717  | Technical Feasibility Exception Application  | 3.0   |
| Reliability Compliance                     | IESO Reliability Compliance Program Data Request Form - NPCC Directory #12, Under frequency Load Shedding Program Requirements Generator Under frequency Protection Requirements   | IESO_FORM_1718  | Generator Under frequency Protection Requirements - applicable to all registered Generators  | 5.0   |
| Reliability Compliance                     | IESO Reliability Compliance Program – Data Request Form, NPCC Directory #12, Under frequency Load Shedding Program Requirements Under frequency Load Shedding Program Requirements | IESO_FORM_1719  | Under frequency Load Shedding Program Requirements - applicable to all registered Distributors, Transmitters and Wholesale Consumers   | 5.0   |
| Market Entry Forms and Agreements          | Solar Generation Facility Data   | IESO_FORM_1737  | Form to register variable generation data specific to solar generation.  | 6.0   |
| Reliability Compliance                     | Ontario Reliability Compliance Program - Requirements Form NERC Reliability Standard: PRC-023-1 Transmission Relay Loadability   | IESO_FORM_1738  | Transmission Relay Loadability   | 4.0   |
| Reliability Compliance                     | Ontario Reliability Compliance Program - Requirements Form - NERC Reliability Standard: COM-002-2 - Communication and Coordination   | IESO_FORM_1747  | Communication and Coordination is used to ensure Balancing Authorities, Transmission Operators, and Generator Operators have adequate communications and that these communications capabilities are staffed and available for addressing a real-time emergency condition.  | 3.0   |
| Reliability Compliance                     | Ontario Reliability Compliance Program – Requirements Form – NERC Reliability Standard: PRC-0170-0 – Special Protection System Maintenance and Testing                             | IESO_FORM_1748  | Special Protection System Maintenance and Testing is used to ensure that all Special Protection Systems (SPS) are properly designed, meet performance requirements, and are coordinated with other protection systems.   | 3.0   |
| Reliability Compliance                     | Ontario Reliability Compliance Program – Requirements Form-NERC Reliability Standard: IRO-005-2a and IRO-005-3a-Reliability Coordination – Current day Operations                  | IESO_FORM_1749  | Current Day Operations is used facilitate compliance monitoring of NERC standard IRO-005-3a and IRO-005-3.1a - Reliability Coordination - Current Day Operations, which was included on NERC's Compliance Monitoring and Enforcement Program (CMEP) list of actively monitored standards. (v3.0 wasn't published because standard is not being asked for certification as per NPCC's schedule change). | 4.0   |
| Reliability Compliance                     | Ontario Reliability Compliance Program - Requirements Form - NERC Reliability Standard: EOP-001-0 and EOP-001-0b - Emergency Operations Planning                                   | IESO_FORM_1750  | Emergency Operations Planning is used to facilitate compliance monitoring of NERC standard EOP-001-0b and EOP-001-0.1b Emergency Operations Planning, which was included on NERC's Compliance Monitoring and Enforcement Program (CMEP) list of actively   | 5.0   |

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|   |   |                 | monitored standards.   |       |
| Reliability Compliance                      | Ontario Reliability Compliance Program - Requirements Form - NERC Reliability Standard: COM-001-1.1 – Telecommunications  | IESO_FORM_1751  | Telecommunications is used to self-certify compliance with the NERC standard to have adequate and reliable telecommunications facilities internally and with others for the exchange of Interconnection and operating information necessary to maintain reliability.   | 3.0   |
| Reliability Compliance                      | Ontario Reliability Compliance Program - Requirements Form - NERC Reliability Standard: EOP-005-1 - System Restoration Plans  | IESO_FORM_1752  | System Restoration Plans is used to facilitate compliance monitoring of NERC standard EOP-005-1 - System Restoration Plans, which was included on NERC's Compliance Monitoring and Enforcement Program (CMEP) list of actively monitored standards. (v3.0 wasn't published because standard is not being asked for certification as per NPCC's schedule change).   | 4.0   |
| Reliability Compliance                      | Ontario Reliability Compliance Program - Requirements Form - NERC Reliability Standard: EOP-008-0 - Plans for Loss of Control Center Functionality                              | IESO_FORM_1753  | Plans for Loss of Control Center Functionality is used to facilitate compliance monitoring of NERC standard EOP-008-0 - Plans for Loss of Control Center Functionality, which was included on NERC's Compliance Monitoring and Enforcement Program (CMEP) list of actively monitored standards. (v3.0 wasn't published because standard is not being asked for certification as per NPCC's schedule change). | 4.0   |
| Reliability Compliance                      | Ontario Reliability Compliance Program Requirements Form – Market Rules: Chapter 4 – Appendix 4.2, Category 1: Off-Nominal Frequency and Category 2: Speed/Frequency Regulation | IESO_FORM_1754  | This form was developed to facilitate compliance monitoring of the <i>Market Rules</i> including monitored requirements prior to certification. Category 1: Off-Nominal Frequency and Category 2: Speed/Frequency.   | 2.0   |
| Market Administrations Forms and Agreements | Ontario Bulk Electric System (BES) Exception Request and Detailed Information form  | IESO_FORM_1757  | Form provides initial application information in support of market participants' exception request from the application of the BES definition to their application of the BES definition to their applicable facilities.   | 2.0   |
| Reliability Compliance                      | Ontario Reliability Compliance Program - Requirements Form - NERC Reliability Standard: IRO-004-2 Reliability Coordination - Operations Planning                                | IESO_FORM_1759  | Form is used to self-certify compliance with the NERC requirement for the Reliability Coordinator to conduct next-day reliability analyses to ensure the Bulk Electric System can be operated reliably in anticipated normal and Contingency conditions  | 2.0   |
| Reliability Compliance                      | Ontario Reliability Compliance Program - Requirements Form - NERC Reliability Standard: PER-002-0 Operating Personnel Training  | IESO_FORM_1760  | Form is used to self-certify that each Transmission Operator and Balancing Authority provides personnel with a coordinated training program that will ensure reliable system operation.  | 2.0   |
| Reliability Compliance                      | NERC Reliability Standard PRC-005-1a 'Transmission and Generation Protection System Maintenance and Testing'  | IESO_FORM_1761  | 'Testing' is used to self-certify compliance with the NERC standard to ensure all transmission and generation protection systems affecting the reliability of the Bulk Electric System (BES) are maintained and tested   | 5.0   |
| Reliability Compliance                      | NERC Reliability Standard PRC-008-0 'Implementation and Documentation of Underfrequency Load Shedding Equipment Maintenance Program'  | IESO_FORM_1762  | Form is used to self-certify compliance with the NERC standard to provide last resort system preservation measures by implementing an underfrequency load shedding program   | 2.0   |
| Reliability Compliance                      | NERC Reliability Standard PRC-011-0 Undervoltage Load Shedding System Maintenance and Testing   | IESO_FORM_1763  | Form is used to self-certify compliance with the NERC standard to provide system preservation measures in an attempt to prevent system voltage collapse or voltage instability by implementing an undervoltage load shedding program   | 2.0   |
| Reliability Compliance                      | NERC Reliability Standard: TOP-004-2 Transmission Operations  | IESO_FORM_1764  | Form is used to self-certify compliance with the NERC standard to ensure that the transmission   | 2.0   |

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|                                  |   |                 | system is operated so that instability, uncontrolled separation, or cascading outages will not occur as a result of the most severe single contingency and specified multiple contingencies.   |       |
| Reliability Compliance           | NERC Reliability Standard VAR-001-1 and VAR-001-2 Voltage and Reactive Control  | IESO_FORM_1765  | Form is used to self-certify compliance with the NERC standard to ensure that voltage levels, reactive flows, and reactive resources are monitored, controlled and maintained within limits in real time.  | 3.0   |
| Reliability Compliance           | Ontario Reliability Compliance Program - Requirement Form - NERC Reliability Standard: MOD-010-0 Steady-State Data for Modeling and Simulation of the Interconnected Transmission System  | IESO_FORM_1766  | Steady-State Data for Modeling and Simulation of the Interconnected Transmission System is used to self-certify compliance with the NERC standard to establish consistent data requirements, reporting procedures, and system models to be used in the analysis of the reliability of the interconnected transmission system.                  | 2.0   |
| Reliability Compliance           | Ontario Reliability Compliance Program - Requirements Form - NERC Reliability Standard: MOD-012-0 Dynamics Data for Modeling and Simulation of the Interconnected Transmission System   | IESO_FORM_1767  | Dynamics Data for Modeling and Simulation of the Interconnected Transmission System is used to self-certify compliance with the NERC standard to establish consistent data requirements, reporting procedures, and system models to be used in the analysis of the reliability of the interconnected transmission system.                      | 2.0   |
| Reliability Compliance           | Ontario Reliability Compliance Program - Requirements Form - NERC Reliability Standard: PRC-007-0 Assuring Consistency of Entity Underfrequency Load Shedding Programs with Regional Reliability Organization's Underfrequency Load Shedding Program Requirements | IESO_FORM_1768  | Underfrequency Load Shedding Programs with Regional Reliability Organization's Underfrequency Load Shedding Program Requirements is used to self-certify compliance with the NERC requirement to provide last resort system preservation measure by implementing an Under Frequency Load Shedding Program.                                     | 2.0   |
| Reliability Compliance           | Ontario Reliability Compliance Program - Requirements Form - NERC Reliability Standard: PRC-021-1 Under-Voltage Load Shedding Program Data  | IESO_FORM_1769  | Under-Voltage Load Shedding Program Data is used to self-certify compliance with the NERC requirement to ensure data is provided to support the regional database maintained for Under-Voltage Load Shedding programs.   | 2.0   |
| Settlements Forms and Agreements | Annual Review of Price Basis for Determining Prudential Support Obligations.  | IESO_GDE_0228   | Annual review of price basis for determining <i>prudential support</i> obligations, April of each year.  | 9.0   |
| Technical Interface Document     | XML A Quick Primer  | IESO_GDL_0028   | This document provides participants with a simple overview of XML Reporting  | 3.0   |
| Technical Interface Document     | Market Participant Client Platform Information Technology Standard  | IESO_ISTD_0017  | This document is intended to clearly and concisely present the standards and guidelines for the upgrade of the Market Participant Client Platform  | 2.0   |
| Information Bulletin             | Maintaining the Reliability of Supply to Customer Connections   | IESO_MKRI_0002  | This interpretation bulletin has two purposes. The first is to define more clearly the <i>IESO's</i> obligations with respect to maintaining the reliability of supply to customers directly connected to the <i>IESO-controlled grid</i> . The second is to provide notice to market participants of a change in the <i>IESO's</i> practices. | 1.0   |
| Technical Interface Document     | Meter Trouble Report Data Transfer for Metered Market Participant   | IESO_REP_0259   | Report description for MTR Data Transfer for MMP   | 1.0   |
| Technical Interface Document     | Meter Trouble Report Data Transfer for Metered Market Participant Refresh Version   | IESO_REP_0260   | Report description for MTR Data Transfer for MMP - monthly   | 1.0   |

| Master Document                            | Document Title  | Document Number | Document Description   | Issue |
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| Technical Interface Document               | Meter Trouble Report Data Transfer for Meter Service Provider                 | IESO_REP_0261   | Report description for MTR Data Transfer for MSP   | 1.0   |
| Technical Interface Document               | Meter Trouble Report Data Transfer for Meter Service Provider Refresh Version | IESO_REP_0262   | Report description for MTR Data Transfer for MSP - monthly   | 1.0   |
| Technical Interface Document               | 5-MIN Dispatch Constrained Energy Market Information Report                   | IESO_TPL_0033   | This 5-Minute Dispatch Schedule Report contains preliminary information on facility dispatch schedules for a particular 5-minute scheduling interval. These schedules are subject to change. | 1.0   |
| Technical Interface Document               | 5-MIN Dispatch Constrained Operating Reserve market Information Report        | IESO_TPL_0034   | Addition of DACP information   | 1.0   |
| Technical Interface Document               | Hourly Dispatch Constrained Energy Market Information Report                  | IESO_TPL_0035   | Addition of DACP information   | 1.0   |
| Technical Interface Document               | Hourly Dispatch Constrained Operating Reserve Market Information Report       | IESO_TPL_0036   | Addition of DACP information   | 1.0   |
| Technical Interface Document               | Hourly RTEM Predispatch Totals Information Report                             | IESO_TPL_0045   | Hourly RTEM Predispatch Totals Information Report  | 1.0   |
| Technical Interface Document               | Hourly RTEM Dispatch Totals Information Report                                | IESO_TPL_0046   | Hourly RTEM Dispatch Totals Information Report   | 1.0   |
| Technical Interface Document               | SAA Daily Notes and Limitations Report  | IESO_TPL_0087   | Report is used to post Daily System Adequacy and Assessment Report Transmission Flowgate Limitations, System Advisories and SAA Notes data.  | 3.0   |
| Technical Interface Document               | Weekly SAA Report Template  | IESO_TPL_0088   | Report is used to post Weekly System Adequacy & Assessment Report data for public information.   | 4.0   |
| Market Administration Forms and Agreements | BES Exception Cost Recovery Agreement   | IESO_TPL_0090   | This agreement describes the means for market participants to apply for 'Bulk Electric System (BES) Exceptions'.   | 1.0   |
| Settlements Forms and Agreements           | Affidavit Regarding Reduction in Prudential Support Obligations               | IMO_AFF_0001    | Affidavit Regarding Reduction in Prudential Support Obligations  | 2.0   |
| Metering Forms and Agreements              | Metering Service Provider Agreement   | IMO_AGR_0012    | This Application form will enable <i>Metering Service Providers</i> to register with the IESO.   | 11.0  |
| Settlements Forms and Agreements           | Pledge of Cash and Treasury Bills Agreement                                   | IMO_AGR_0013    | Pledge of Cash and Treasury Bills Agreement  | 3.0   |
| Market Administration Forms and Agreements | Notice of Dispute   | IMO_FORM_1001   | Notice of Dispute form   | 10.00 |
| Market Administration Forms and Agreements | Response to a Notice of Dispute   | IMO_FORM_1002   | Response to a Notice of Dispute form   | 7.0   |
| Market Entry Forms and Agreements          | IEEE TYPE DC2 Excitation System   | IMO_FORM_1014   | IEEE TYPE DC2 Excitation System form   | 1.3   |
| Metering Forms and Agreements              | Alternative Metering Installation Standard Checklist                          | IMO_FORM_1042   | Alternative Metering Installation Standard Checklist form  | 8.0   |
| Metering Forms and Agreements              | Conceptual Drawing Review Submission Form                                     | IMO_FORM_1043   | Conceptual Drawing Review Submission form  | 8.0   |
| Market Administration Forms and            | Technical Feasibility Study Application-Load Facilities                       | IMO_FORM_1052   | Connection Load Facilities form  | 8.0   |

| <b>Master Document</b>                     | <b>Document Title</b>  | <b>Document Number</b> | <b>Document Description</b>  | <b>Issue</b> |
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| Agreements                                 |  |                        |  |              |
| Market Administration Forms and Agreements | Notification of Withdrawal   | IMO_FORM_1073          | Notification of Withdrawal form  | 7.0          |
| Market Administration Forms and Agreements | Market Rule Amendment Proposal   | IMO_FORM_1087          | Market Rule Amendment Proposal form  | 11.0         |
| Market Administration Forms and Agreements | Dispute Resolution Form for Written Submissions for Arbitration        | IMO_FORM_1090          | Dispute Resolution form for Written Submissions for Arbitration  | 4.0          |
| Market Administration Forms and Agreements | Dispute Resolution Form for Written Reply Submissions for Arbitration  | IMO_FORM_1091          | This form is intended to be used to file written reply submissions and other materials to the extent that the submissions and other materials of another party raise new facts and/or issues that could therefore not have been addressed in the earlier submissions or materials filed by the replying party. | 4.0          |
| Market Administration Forms and Agreements | Dispute Resolution Leave to Intervene                                  | IMO_FORM_1092          | Dispute Resolution Leave to Intervene form   | 4.0          |
| Market Administration Forms and Agreements | Invoice for Costs of the Mediation or Cost of the Arbitration          | IMO_FORM_1094          | Invoice for Costs of the Mediation or Costs of the Arbitration form  | 7.0          |
| Market Administration Forms and Agreements | Notice of Intent to Dispense with Mediation                            | IMO_FORM_1095          | Used when the parties to the dispute have agreed to dispense with mediation in respect of the dispute and to proceed to arbitration.   | 6.0          |
| Market Administration Forms and Agreements | Notice of Termination of Mediation                                     | IMO_FORM_1097          | Notice of Termination of Mediation form  | 7.0          |
| Market Administration Forms and Agreements | IEEE Type 2 Excitation System  | IMO_FORM_1108          | IEEE Type 2 Excitation System form   | 1.3          |
| Market Administration Forms and Agreements | IEEE Standard Governor   | IMO_FORM_1109          | IEEE Standard Governor form  | 1.3          |
| Market Administration Forms and Agreements | Modified IEEE Type 1 Excitation System                                 | IMO_FORM_1110          | Modified IEEE Type 1 Excitation System form  | 1.3          |
| Market Administration Forms and Agreements | Simplified Excitation System   | IMO_FORM_1112          | Simplified Excitation System form  | 1.3          |
| Settlements Forms and Agreements           | Notification of Prepayment   | IMO_FORM_1130          | Notification of Prepayment form  | 5.0          |
| Market Administration                      | Technical Feasibility Study Application - Ancillary Service Facilities | IMO_FORM_1174          | Ancillary Services Facilities form   | 7.0          |

| Master Document                            | Document Title  | Document Number | Document Description   | Issue |
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| Forms and Agreements                       |   |                 |  |       |
| Metering Forms and Agreements              | Conforming Meter List Application   | IMO_FORM_1179   | Conforming Meter List Application form   | 6.0   |
| Market Administration Forms and Agreements | Generator Information Submittal Form for Reliability Assessments                            | IMO_FORM_1230   | Generator Information Submittal Form for Reliability Assessments   | 11.0  |
| Market Entry Forms and Agreements          | Application for Withdrawal  | IMO_FORM_1242   | Application for Withdrawal form  | 7.0   |
| Market Entry Forms and Agreements          | Non-Compliance Event Report   | IMO_FORM_1253   | Non-Compliance Event Report  | 6.0   |
| Metering Forms and Agreements              | Confirmation of Engineering Unit Report (Type A)  | IMO_FORM_1293   | Confirmation of Engineering Unit Report (Type A) form  | 5.0   |
| System Operations                          | Outage Requirement Letter   | IMO_FORM_1296   | Outage Requirement Letter  | 3.0   |
| Metering Forms and Agreements              | Totalization Table Form   | IMO_FORM_1310   | Totalization Table Form  | 5.0   |
| Market Administration Forms and Agreements | Market Participant Request/Comments for Amendment to the Market Surveillance Data Catalogue | IMO_FORM_1321   | Market Participant Request for Market Surveillance Data/Information form   | 3.0   |
| System Operations Forms and Agreements     | Request for Outage Compensation   | IMO_FORM_1350   | This form is to be completed when claiming compensation for an <i>outage</i> that was revoked or recalled by the <i>IESO</i> . | 6.0   |
| Metering Forms and Agreements              | Change of MSP Registration Details  | IMO_FORM_1358   | Change of MSP Registration Details form  | 5.0   |
| Market Operations Forms and Agreements     | TR Auction Information  | IMO_FORM_1361   | This form is used by <i>Market participants</i> to supply the <i>IESO</i> with <i>TR</i> deposit information.                  | 6.0   |
| Market Operations Forms and Agreements     | Notice of Revocation of Transmission Rights   | IMO_FORM_1374   | Notice of Revocation of Transmission Rights form   | 6.0   |
| Market Administration Forms and Agreements | Technical Feasibility Study Application- Generation Facilities                              | IMO_FORM_1380   | Supporting Documentation- Generation Facilities form   | 7.0   |
| Market Administration Forms and Agreements | Technical Feasibility Study Application- Transmissions Facilities                           | IMO_FORM_1381   | Transmission Facilities form   | 8.0   |
| Metering Forms and Agreements              | Assigning a Metering Service Provider to a Meter Point                                      | IMO_FORM_1390   | Assigning a Metering Service Provider to a Meter Point form  | 6.0   |
| Market Operations Forms and Agreements     | Additional Compensation During Administrative Pricing                                       | IMO_FORM_1398   | Market Suspension Additional Credit form   | 6.0   |
| Market Administration Forms and Agreements | Project Status Report   | IMO_FORM_1399   | Project Status Report  | 8.0   |

| <b>Master Document</b>                     | <b>Document Title</b>   | <b>Document Number</b> | <b>Document Description</b>  | <b>Issue</b> |
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| Metering Forms and Agreements              | Meter Read Reconciliation Form and Instrument Transformer Spot Check Form       | IMO_FORM_1411          | Meter Read Reconciliation Form and Instrument Transformer Spot Check Form            | 4.0          |
| Market Administration Forms and Agreements | Exemption Application   | IMO_FORM_1413          | Exemption Application form   | 6.0          |
| Market Administration Forms and Agreements | Exemption Applicant Comments on IESO Staff Recommendation                       | IMO_FORM_1415          | Exemption Applicant Comments on IESO Staff Recommendation form                       | 4.0          |
| Market Administration Forms and Agreements | Exemption Applicant or IESO Staff Comments on Third Party Submission            | IMO_FORM_1418          | Exemption Applicant or IESO Staff Comments on Third Party Submission form            | 5.0          |
| Settlements Forms and Agreements           | Application for Designation of a Facility for Generation Station Service Rebate | IMO_FORM_1419          | Application for Designation of a Facility for Generation Station Service Rebate form | 4.0          |
| Settlements Forms and Agreements           | Reduced Debt Retirement Charge (DRC) Certification                              | IMO_FORM_1438          | Reduced Debt Retirement Charge (DRC) Certification                                   | 3.0          |
| Market Administration Forms and Agreements | Response to Notice of Possible Local Market Power Abuse                         | IMO_FORM_1440          | Response to Notice of Possible Local Market Power Abuse form                         | 5.0          |
| Market Administration Forms and Agreements | Request for a Local Market Power Inquiry  | IMO_FORM_1442          | Request for a Local Market Power Inquiry form  | 5.0          |
| Market Administration Forms and Agreements | Response to a Crossclaim or Counterclaim  | IMO_FORM_1446          | Response to a Crossclaim or Counterclaim form  | 7.0          |
| Market Administration Forms and Agreements | Data Catalogue Submission Form  | IMO_FORM_1449          | Data Catalogue Submission Form   | 3.0          |
| Market Administration Forms and Agreements | Submission of Information Requested for a Local Market Power Inquiry            | IMO_FORM_1455          | Submission of Information Requested for a Local Market Power Inquiry form            | 4.0          |
| Metering Forms and Agreements              | Notification of Power Switching Form  | IMO_FORM_1464          | Notification of Power Switching Form   | 4.0          |
| Market Administration Forms and Agreements | Market Rule Amendment Submission  | IMO_FORM_1466          | Market Rule Amendment Submission form  | 8.0          |
| Market Administration Forms and Agreements | Market Rule Amendment Written Submission  | IMO_FORM_1467          | Market Rule Amendment Written Submission form  | 7.0          |
| Metering Forms and Agreements              | Acceptance Letter for Conforming Meter List                                     | IMO_FORM_1470          | Acceptance Letter for Conforming Meter List  | 3.0          |
| Market Administration Forms and Agreements | Market Rule Interpretation Bulletin   | IMO_FORM_1473          | Market Rule Interpretation Bulletin  | 5.0          |



| Master Document                            | Document Title  | Document Number | Document Description   | Issue |
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| Market Administration Forms and Agreements | Plans for New, Modified or Retiring Transmission Facilities Information Submittal Form for 18-Month Outlook   | IMO_FORM_1484   | Plans for New, or Modified or Retiring Transmission Facilities Information Submittal Form for 18-Month Outlook   | 9.0   |
| Metering Forms and Agreements              | MIRT Update Form  | IMO_FORM_1488   | MIRT Update Form   | 3.0   |
| Market Administration Forms and Agreements | Plans for New, Modified or Retiring Transmission Facilities Information Submittal Form for Reliability Assessments  | IMO_FORM_1494   | Plans for New, Modified or Retiring Transmission Facilities Information Submittal Form for Reliability Assessments   | 9.0   |
| Market Entry Forms and Agreements          | Declaration of Designated Consumer  | IMO_FORM_1507   | Declaration of Designated <i>Consumer</i> form   | 7.0   |
| Reliability Compliance                     | IESO Reliability Compliance Program - Certification Form - Section 5.2 - Under Frequency Load Shedding Program - Eastern Interconnection specific Requirements  | IMO_FORM_1518   | Automatic Under Frequency Load Shedding - Eastern Interconnection specific Requirements  | 7.0   |
| Reliability Compliance                     | IESO Reliability Compliance Program Certification Form Standard Authority Template: NPCC RCEP A4-1 ICG Protection System Maintenance  | IMO_FORM_1521   | Protection System Maintenance  | 4.0   |
| Reliability Compliance                     | Ontario Reliability Compliance Program Requirements Form - NERC Reliability Standard: PRC-004-1 and PRC-004-1a Analysis and Mitigation of Transmission and Generation Protection System Misoperations | IMO_FORM_1522   | Analysis and Mitigation of Transmission and Generation Protection System Misoperations is used to self-certify compliance with the NERC standard to ensure all transmission and generation Protection System Misoperations affecting the reliability of the Bulk Electric System (BES) are analyzed and mitigated. | 10.0  |
| Reliability Compliance                     | NERC Standard PRC-004 – Analysis and Mitigation of Transmission and Generation Protection System Misoperations Reporting Form   | IMO_FORM_1523   | Analysis and Mitigation of Transmission and Generation Protection System Misoperations Reporting Form  | 1.0   |
| Reliability Compliance                     | IMO Reliability Compliance Program Certification Form Standard Authority Template: I.F.S1.M2 - Disturbance Monitoring Equipment   | IMO_FORM_1524   | Disturbance Monitoring Equipment   | 1.0   |
| Reliability Compliance                     | Ontario Reliability Compliance Program Requirements Form - NERC Reliability Standard: FAC-003-1 Transmission Vegetation Management Program  | IMO_FORM_1526   | Form is used to self-certify compliance with the NERC standard to prevent outages from vegetation on transmission rights-of-way, minimize outages from vegetation adjacent to rights-of-way, maintaining clearances between transmission lines and vegetation, and reporting vegetation-related outages.           | 5.0   |
| Reliability Compliance                     | Ontario Reliability Compliance Program – Reporting Form NERC Reliability Standard: FAC-003-1 Vegetation Contact Incidents   | IMO_FORM_1527   | Certification Exception Form for Vegetation Contact Incidents - form can be used to report vegetation-related transmission outages.  | 5.0   |
| Reliability Compliance                     | IESO Reliability Compliance Program - Certification Form NERC Reliability Standard PRC-016-0 SPS ( Operation Performance  | IMO_FORM_1531   | SPS Operation Performance  | 5.0   |
| Reliability Compliance                     | Ontario Reliability Compliance Program - Requirements Form NERC Reliability Standard: EOP-009-0, Documentation of Blackstart Generating Unit Test Results   | IMO_FORM_1532   | Documentation of Black Start Generating Unit Test Results is used to self-certify compliance with the NERC requirement to ensure that the quantity and location of system Blackstart generators are sufficient and that they can   | 5.0   |

| Master Document                            | Document Title   | Document Number | Document Description   | Issue |
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|  |  |                 | perform their expected Restoration Plans.  |       |
| Market Administration Forms and Agreements | System Impact Assessment Application (IESO)/ Customer Impact Assessment Application (Hydro One) for Generation Facilities                              | IMO_FORM_1536   | System Impact Assessment Application - Generation Facilities form  | 12.0  |
| Market Administration Forms and Agreements | System Impact Assessment Application - Transmission Facilities   | IMO_FORM_1537   | System Impact Assessment Application - Transmission Facilities form  | 9.0   |
| Market Administration Forms and Agreements | System Impact Assessment Application (IESO)/Customer Impact Assessment Application (Hydro One) for Load Facilities                                     | IMO_FORM_1538   | System Impact Assessment Application - Load Facilities form  | 11.0  |
| Market Administration Forms and Agreements | System Impact Assessment Application - Ancillary Service Facilities  | IMO_FORM_1539   | System Impact Assessment Application - Ancillary Service Facilities form   | 6.0   |
| Market Entry Forms and Agreements          | Transmission Rights Certification as an Eligible Commercial Entity   | IMO_FORM_1540   | Transmission Rights Certification as an Eligible Commercial Entity form  | 7.0   |
| Market Entry Forms and Agreements          | OEB Generator Reporting and Record Requirements Consent Form - Generator Consent   | IMO_FORM_1541   | OEB Generator and Record Keeping Requirements Consent Form   | 5.0   |
| Settlements Forms and Agreements           | Administrative Pricing Event Correction  | IMO_FORM_1549   | Administrative Pricing Event Correction- form  | 7.0   |
| Settlements Forms and Agreements           | Application for Registering as Cogeneration Facility   | IMO_FORM_1553   | Application for Registering as Cogeneration Facility- form   | 2.0   |
| Metering Forms and Agreements              | Embedded Generation Facility - Not a Metered Market Participant  | IMO_FORM_1563   | Embedded Generation Facility - Not a Metered Market Participant  | 4.0   |
| Reliability Compliance                     | Ontario Reliability Compliance Program - Requirements Form NERC Reliability Standard: VAR-002-1.1b Generator Operation for Maintaining Network Voltage | IMO_FORM_1571   | Generator Operation for Maintaining Network Voltage is used to self-certify compliance with NERC requirements for generators to provide reactive and voltage control necessary to ensure that voltage levels, reactive flows, and reactive resources are maintained within applicable Facility Ratings to protect equipment and the reliable operation of the interconnection. | 8.0   |
| Metering Forms and Agreements              | Non Compliance Self Report Form for Metered Market Participants  | IMO_FORM_1591   | Non Compliance Self Report Form for Metered Market Participants  | 2.0   |
| System Operations                          | Market Participant Emergency Plan Guidelines & Requirements  | IMO_GDE_0001    | This document assists market participants in the preparation of their emergency preparedness plans (EPPs) and to meet the requirements outlined in the <i>Market Rules</i> .   | 3.0   |
| Settlements Forms and Agreements           | HST Guide for IESO Transactions  | IMO_GDE_0002    | The purpose of this document is to provide an overview of the operation of the HST in the <i>IESO-administered markets</i> .   | 40.0  |

| Master Document                            | Document Title  | Document Number | Document Description  | Issue |
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| Technical Interface Document               | Transmission Rights Auction System Participant's Guide                  | IMO_GDE_0004    | This document provides a description of the functionality of the IESO's Transmission Rights Auction System which is available to those <i>market participants</i> who have registered to be <i>participants</i> . | 7.0   |
| Market Operations Forms and Agreements     | Guidelines for Additional Compensation During Market Suspension         | IMO_GDL_0025    | This document is to be used to evaluate requests for additional compensation for hours where administrative pricing has been applied  | 3.0   |
| Settlements Forms and Agreements           | List of Schedule Banks to the Bank Act, s.c. 1991, c.46                 | IMO_LST_0001    | List of Financial Institutions Eligible to Provide <i>Prudential Support</i>  | 8.0   |
| Information Bulletin                       | Compliance with Dispatch Instructions Issued to Dispatchable Facilities | IMO_MKRI_0001   | This interpretation bulletin clarifies how the IESO assesses compliance with <i>dispatch</i> instructions and what are legitimate reasons for not complying with <i>dispatch instructions</i> .                   | 6.1   |
| Settlements Forms and Agreements           | List of Resources for Physical Bilateral Contracts                      | IMO_PBCL_0001   | Provides MPs with an updated list of resources.   | 19.0  |
| Market Administration Forms and Agreements | Ontario Resource and Transmission Assessment Criteria                   | IMO_REQ_0041    | This document is to be used to evaluate long-term system <i>adequacy</i> and <i>connection assessments</i>  | 5.0   |
| Technical Interface Document               | Multi Interval Optimization Functional Requirements                     | IMO_REQ_0048    | This document defines the functional requirements and current settings for Multi-Interval Optimization  | 3.0   |
| Technical Interface Document               | Outbound Automated Document Application Programming Interface           | IMO_SPEC_0100   | This document presents and describes the application programming interface (API) for automating retrieval of XML reports published by the IESO  | 7.0   |
| Market Administration Forms and Agreements | Local Market Power Mitigation - Price Screen Duration Factors           | IMO_STD_0007    | The price screens used for Local Market Power Mitigation of Appendix 7.6 of <i>market rules</i> require certain factors to be specified by the IESO. This document identifies these factors.                      | 1.0   |
| Technical Interface Document               | Predispatch Security Constraints Report                                 | IMO_TPL_0017    | This report contains a list of binding security constraints for the predispatch run of the algorithm  | 1.0   |
| Technical Interface Document               | Dispatch Security Constraints Report                                    | IMO_TPL_0018    | This report contains a list of binding security constraints for the dispatch run of the algorithm, for each 5 minute interval of the hour.  | 1.0   |
| Technical Interface Document               | SSR Hourly Data Template  | IMO_TPL_0022    | This specification has the description & examples of the changes in structure and content to the System Status Reports and MIM System Messages for SSRs and SAA Reports.  | 3.0   |
| Technical Interface Document               | SSR Daily Notes & Limitations Report Template                           | IMO_TPL_0023    | SSR Daily Notes & Limitations Report Template   | 3.0   |
| Market Administration Forms and Agreements | Technical Feasibility Study Agreement                                   | IMP_AGR_0001    | Agreement between IESO and <i>Connection Applicant</i> .  | 10.0  |
| Market Administration Forms and Agreements | System Impact Agreement   | IMP_AGR_0002    | System Impact Agreement   | 14.0  |
| Market Administration Forms and Agreements | Confidentiality Agreement Mediation                                     | IMP_AGR_0005    | Confidentiality Agreement Mediation- Agreement between Market participant and the IESO.   | 3.0   |

| Master Document                   | Document Title  | Document Number | Document Description  | Issue |
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| Technical Interface Document      | Meter Trouble Report - A Guide for Market Participants  | IMP_GDE_0098    | This document is a guide for <i>market participants</i> to the use of the Meter Trouble Report workflow application.  | 6.0   |
| Technical Interface Document      | The Applications Status Tool - A Users Guide  | IMP_GDE_0103    | This document is a guide to the use of the Applications Status tool for <i>IESO</i> interactive workflow applications.  | 8.0   |
| Settlements Forms and Agreements  | Prudential Guarantee  | IMP_GRNT_0001   | Prudential Guarantee  | 7.0   |
| Settlements Forms and Agreements  | IESO Charge Types and Equations   | IMP_LST_0001    | This document enumerates the various <i>charge types</i> and equations used in the <i>IESO settlements</i> process for <i>IESO-Administered markets</i> which are subject to a functional deferral and those that are NOT subject to a functional deferral. | 66.0  |
| Technical Interface Document      | Web Based Message Exchange Market Participant's Guide   | IMP_MAN_0031    | Web Based Message Exchange Market Participant's Guide   | 6.0   |
| Technical Interface Document      | Transmission Tariff Peak System Demand Data Report  | IMP_REP_0016    | The Peak System <i>Demand Data Report</i> provides the sum of the hourly measurements across all <i>delivery points</i> defined for transmission network charges for each Trading Date / Hour in the reporting month.                                       | 5.0   |
| Technical Interface Document      | The Market Participant Invoice Report Format  | IMP_REP_0049    | This Technical Interface document describes the format of <i>market participants invoices</i> .   | 7.0   |
| Settlements Forms and Agreements  | Format Specifications for Settlement Statement Files and Data Files   | IMP_SPEC_0005   | This Technical Interface document describes the format of <i>settlement</i> statement files and supporting data files.  | 50.0  |
| Settlements Forms and Agreements  | File Format Specification for Participant Transmission Tariff Data Files  | IMP_SPEC_0006   | This file format specification deals with the data file that a <i>Transmission Customer</i> may use for the purpose of validating the <i>energy</i> measurements used by the <i>IESO</i> to determine transmission tariff billing <i>demands</i> .          | 5.0   |
| Technical Interface Document      | File Format Specification for Transmitter Transmission Tariff Data File   | IMP_SPEC_0007   | This file format specification deals with the data file that the Ontario <i>transmitters</i> may use for the purpose of validating the <i>energy</i> measurements used by the <i>IESO</i> to determine transmission tariff billing <i>demands</i> .         | 6.0   |
| Technical Interface Document      | File Format Specification for Transmitter Reconciliation Data File  | IMP_SPEC_0008   | This file format specification deals with the data file required to enable the Ontario <i>transmitters</i> to reconcile the bases for transmission tariff credits.  | 6.0   |
| Market Entry Forms and Agreements | Participation Amending Agreement  | IMP_TPL_0006    | This document is a template for amending the Participant Agreement.   | 5.0   |
| Market Entry Forms and Agreements | Participation Agreement   | MDP_AGR_0012    | Participation Agreement   | 16.0  |
| Rules and Manuals                 | Guide to Documents Published in Baseline  | MDP_GDE_0002    | This guide details the documents published in the current baseline.   | 82.0  |
| Metering Forms and Agreements     | Wholesale Revenue Metering Standard - Hardware  | MDP_STD_0004    | This standard provides the principles, accountabilities, and requirements for <i>metering installations</i> used for <i>settlement</i> in the <i>IESO</i> -administered wholesale market.   | 11.0  |
| Metering Forms and Agreements     | Site-Specific Loss Adjustments: Requirements for Adjustment of Meter Readings for Site-Specific Losses in the IMO-Administered Market | MDP_STD_0005    | This standard provides the principles, accountabilities, and requirements for site-specific loss adjustments used for <i>settlement</i> in the <i>IESO</i> -administered wholesale market.  | 4.0   |

| Master Document                            | Document Title  | Document Number | Document Description   | Issue |
|--|---|-----------------|--|-------|
| Metering Forms and Agreements              | Application Form for the Registration of Metering Service Providers in the IESO-Administered Market | MSP_TPL_0001    | This Application Form will enable <i>Metering Service Providers</i> to register with the <i>IESO</i> to operate in the Wholesale Electricity Market  | 5.0   |
| Technical Interface Document               | OCSS Web Service Design Specification   | SPEC-113        | This document provides the design specification for Outage Coordination and Scheduling System (OCSS) web service.  | 1.0   |
| Technical Interface Document               | File Format Specification for Demand Response Data Files  | SPEC-142        | This file format specification deals with the data file Report that a DR Customer may receive.   | 1.0   |
| Technical Interface Document               | Dispatch Service Web Service Design Specifications  | SPEC-154        | This Design Specification provides market participants with details of the Dispatch Service Web Service and all its operations. The Dispatch Service Web Service can be used by the market participant for retrieving and responding to Dispatch Instructions from the <i>IESO</i> .   | 2.0   |
| Technical Interface Document               | Dispatch Notification Service Web Service Design Specifications                                     | SPEC-155        | This design specification provides market participants with the details of the Dispatch Notification Service Web Service and all its operations. The Dispatch Notification Service system is hosted by the market participant for receiving automated push notifications of new Dispatch Instructions from the <i>IESO</i> . | 1.1   |
| Technical Interface Document               | Automated Documents   | STD-2           | This document defines the standards applicable to the production of <i>IESO</i> automated documents.   | 2.0   |
| Market Administration Forms and Agreements | Asset Transfer Agreement  | TPL-3           | Asset Transfer Agreement   | 5.0   |
| Technical Interface Document               | Daily SAA Hourly Data Template  | TPL-27          | Daily SAA Hourly Data Template   | 4.0   |
| Market Administration Forms and Agreements | Scope of Work for Renewable Generation Facilities   | TPL-40          | Scope of Work for Renewable Generation Facilities  | 1.0   |
| Market Administration Forms and Agreements | Scope of Work for Load and Non-Renewable Generation Facilities                                      | TPL-41          | Scope of Work for Load and Non-Renewable Generation Facilities   | 1.0   |

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