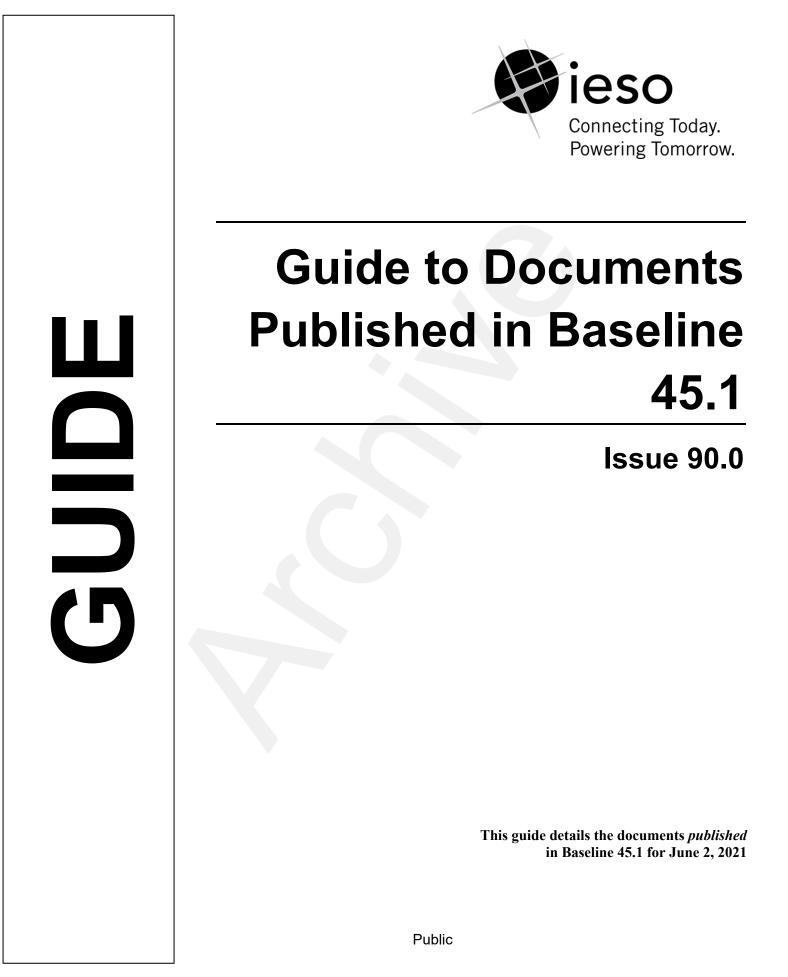
MDP\_GDE\_0002

# PUBLIC



#### 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.

| 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 |  |  |  |  |  |
| 76.0  | Issued for Baseline 38.1 | December 6, 2017   |  |  |  |  |  |
| 77.0  | Issued for Baseline 39.0 | March 7, 2018      |  |  |  |  |  |
| 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       |  |  |  |  |  |
| 83.0  | Issued for Baseline 42.0 | September 11, 2019 |  |  |  |  |  |
| 84.0  | Issued for Baseline 42.1 | December 4, 2019   |  |  |  |  |  |
| 85.0  | Issued for Baseline 43.0 | March 4, 2020      |  |  |  |  |  |
| 86.0  | Issued for Baseline 43.1 | June 3, 2020       |  |  |  |  |  |
| 87.0  | Issued for Baseline 44.0 | September 16, 2020 |  |  |  |  |  |
| 88.0  | Issued for Baseline 44.1 | December 2, 2020   |  |  |  |  |  |
| 89.0  | Issued for Baseline 45.0 | March 3, 2021      |  |  |  |  |  |
| 90.0  | Issued for Baseline 45.1 | June 2, 2021       |  |  |  |  |  |
|   |                          |                    |  |  |  |  |  |

#### **Document Change History**

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### 1. Introduction

*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 rule* chapters. The <u>Market Rules</u> and <u>Manuals Library</u> 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 guide describes the documents revised for Baseline 45.1 and published to the *IESO* website on June 2, 2021. 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 eleven master documents:

- 1. Connecting (formerly 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. Capacity Auctions
- 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-00443-R00 Transmission Rights Clearing Account Disbursements  | 8, 9            |
| MR-00447-R00 CMSC Recovery from Dispatchable Loads - Congestion<br>Management Settlement Credits (CMSC), | 9               |
| MR-00448- Uninsured Liability Risk, Liability of IESO  | 1               |
| Updated – to correct missing italicized defined terms  | 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 <u>Pending Changes –</u> <u>Documents</u> 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#,<br>Ver.   | Intended<br>Audience | Stakeholder History  | Cat. | Description of Change   |  |  |  |  |  |
|--|----------------------|--|------|---|--|--|--|--|--|
| Market Rules   | arket Rules          |  |      |   |  |  |  |  |  |
| Transmission Rights<br>Clearing Account<br>Disbursements<br>MR-00443-R00 | All                  | Market Rule Amendment MR-00443-<br>R00 - Transmission Rights Clearing<br>Account Disbursements. Approved by<br>the IESO Board August 26, 2020. The<br>effective date of this market rule<br>amendment is May 1, 2021. The<br>market rule chapters will be published<br>on June 2, 2021 as part of Baseline<br>45.1.                                    |      | <ul> <li>Reason For Change Market Rule Amendment - MR-00443-R00 Chapter 8, 9</li> <li>Description of Change The market rule changes contained in this proposal are intended to provide the methodology for the disbursement of surplus funds from the transmissions rights clearing account (TR clearing account). The proposed changes to the market rules would see all surplus amounts in the TR clearing account, above the reserve threshold, disbursed to market participants proportionately based on transmission service charges paid.</li> <li>Description of Impact The IESO is proposing the following changes to Chapters 8 and 9 of the market rules to adjust the disbursement methodology used when disbursing surplus funds from the TR clearing account.</li> </ul> |  |  |  |  |  |
| CMSC Recovery from<br>Dispatchable Loads<br>MR-00447-R00                 | All                  | Market Rule Amendment - MR-00447-<br>R00 Congestion Management<br>Settlement Credits (CMSC), CMSC<br>Recovery from Dispatchable Loads.<br>Approved by IESO Board March 10,<br>2021. The effective date of this market<br>rule amendment is April 6, 2021. The<br>market rule chapter will be published<br>on June 2, 2021 as part of Baseline<br>45.1. | 3    | <ul> <li>Reason For Change<br/>Market Rule Amendment - MR-00447-R00 Chapter 9.</li> <li>Description of Change<br/>A market rule amendment proposal to enable the recovery of inappropriate<br/>Congestion Management Settlement Credits from Dispatchable Loads was<br/>adopted by the IESO Board of Directors at its March 10 meeting.</li> <li>Description of Impact<br/>The proposed market rule amendment will enable the IESO to recover CMSC<br/>when a dispatchable load facility that for safety, legal, regulatory,<br/>environmental or equipment damage reasons is either: • Unable to follow IESO<br/>dispatch instructions; and/or • Constrained on or constrained off by the IESO,<br/>at the request of the dispatchable load.</li> </ul>                              |  |  |  |  |  |

| MDP_GDE_0002       2, 2021.       market rule amendment, market manuals, forms, technical and related documents.         89.1       Bescription of Change       A detailed description of the documents changing for this baseline can be viewed in the current Baseline Plan found on the Pending Changes - Docume page.         Uninsured Liability Risk, All       Market Rule Amendment MR-00448-       Description of Impact         Liability of IESO       Market Rule Amendment IS May 3, 2021. The effective date of this market rule amendment is May 3, 2021. The Market rule chapter will be updated and published on June 2, 2021 as part of Baseline 45.1.       Reason For Change         Market Rule Amendment IS May 3, 2021. The effective date of this market rule amendment is May 3, 2021. The Market rule chapter will be updated and published on June 2, 2021 as part of Baseline 45.1.       Reason For Change         Market Rule Amendment IS May 3, 2021. The Market rule chapter will be updated and published on June 2, 2021 as part of Baseline 45.1.       Description of Impact         Market Rule Amendment IS May 3, 2021. The Market rule chapter will be updated and published on June 2, 2021 as part of Baseline 45.1.       Description of Impact         Market Rule Amendment IS May 3, 2021. The Market rule chapter will be updated and published on June 2, 2021 as part of Baseline 45.1.       Description of Impact         Market Rule Amendment IS May 3, 2021. The Market rule chapter will be updated and published on June 2, 2021 as part of Baseline 45.1.       Description of Impact         Market Rule Amendment IS May 3, 2021. The Market rule chapter will be up | Document Title, ID#,<br>Ver.          | Intended<br>Audience | Stakeholder History  | Cat. | . Description of Change  |
|--|---------------------------------------|----------------------|--|------|--|
| Liability of IESO<br>MR-00448-R00<br>NR-00448-R00<br>NR-00448-R00<br>NR-00448-R00<br>Narket Rule Amendment - MR-00448-R00 Chapter 1.<br>Description of Change<br>The IESO is proposing to amend the market rules to limit the IESO to losses<br>caused by gross negligence, subject to the current limitations on recoverable<br>damages.<br>Description of Impact<br>In order to address this issue, the IESO is proposing to amend Chapter 1,<br>Section 13.1 of the market rules to limit the IESO to losses caused by gross  | Published in Baseline<br>MDP_GDE_0002 | All                  | will be published in Baseline 45.1 - June  |      | This guide is issued at each baseline and provides a detailed listing of approved market rule amendment, market manuals, forms, technical and related documents.  Description of Change A detailed description of the documents changing for this baseline can be viewed in the current Baseline Plan found on the Pending Changes - Documents page.  Description of Impact The guide summarizes all approved changes listed in the baseline plan and is |
| negligence, subject to the current limitations on recoverable damages.   | Liability of IESO                     | All                  | R00 - Uninsured Liability Risk, Liability<br>of IESO. Approved by the IESO Board<br>April 6, 2021. The effective date of this<br>market rule amendment is May 3,<br>2021. The Market rule chapter will be<br>updated and published on June 2, 2021 |      | Market Rule Amendment - MR-00448-R00 Chapter 1.<br><b>Description of Change</b><br>The IESO is proposing to amend the market rules to limit the IESO to losses<br>caused by gross negligence, subject to the current limitations on recoverable<br>damages.<br><b>Description of Impact</b><br>In order to address this issue, the IESO is proposing to amend Chapter 1,   |

| Document Title, ID#,<br>Ver.  | Intended<br>Audience | Stakeholder History  | Cat. | . Description of Change   |
|---|----------------------|--|------|---|
| Transmission Rights<br>Clearing Account<br>Disbursement<br>IMDC-64<br>0.1 |                      | The change and market rules were<br>approved by the IESO board on August<br>26, 2020. Posted for review - January<br>14, 2021. Published IMDC-64 on<br>February 11, 2021. Valid from January<br>31 - June 2, 2021 (BL45.1)                                       |      | <ul> <li>Reason For Change         The IESO is proposing to change the TRCA disbursement methodology to allocate funds to load and exporter classes based on transmission costs paid, as recommended by the Market Surveillance Panel in 2017. MR-00443 has been approved, the change is being planned for implementation starting with the May 2021 disbursement.     </li> <li>Description of Change         Updated Charge Types 102 and 168 will be effective May 31, 2021 PSS.     </li> <li>Description of Impact         The IMDC impacts the charge types 102 and 168.     </li> </ul>              |
| Global Adjustment<br>Overpayment<br>IMDC-65<br>0.1                        | All                  | Posted for review - January 14, 2021.<br>Published on the Market Rules and<br>Manuals Library and Technical Interface<br>pages - February 4, 2021. IMDC will be<br>incorporated into Charge Types and<br>Equations document for Baseline 45.1 -<br>June 2, 2021. |      | <ul> <li>Reason For Change</li> <li>Market participants and distributors who pay Class B Global Adjustment are settled based on their load less any Class A consumer load, energy withdrawn by a generator in the course of providing ancillary services and other excluded load pursuant to O. Reg 429/04, s 11(3).</li> <li>Description of Change</li> <li>This IMDC clarifies the calculation of Class B Global Adjustment when the excluded load exceeds the measured quantity of energy withdrawn.</li> <li>Description of Impact</li> <li>The IMDC impacts IESO Charge Types 148 and 1351.</li> </ul> |

| Document Title, ID#,<br>Ver.  | Intended<br>Audience                                 | Stakeholder History  | Cat. | Description of Change   |
|---|--|--|------|---|
| Global Adjustment<br>Deferral Recovery/Non<br>Hydro Renewable<br>IMDC-63<br>0.3 | Distributor; Ontario<br>Load/Non-Hydro<br>Renewables | Adding new charge types for Global<br>Adjustment Deferral Recovery: CT<br>6147, 6148, 9147 & 9148 and new<br>charge types for Non-Hydro<br>Renewables Funding: CT 1427 and<br>1487. Posted v0.1 for review - February<br>2, 2021. Posted v0.2 for review -<br>February 5, 2021. Posted v0.3 -<br>February 8, 2021. Valid from February<br>12 - June 2, 2021 (BL45.1) IMDC-63<br>was published - February 12, 2021. |      | <ul> <li>Reason For Change</li> <li>Global Adjustment Deferral Recovery: CT 6147, 6148, 9147 &amp; 9148. In response to the COVID-19 global pandemic, the Ministry of Energy, Northern Development and Mines implemented temporary emergency measures which provided financial relief to both Class A and non-RPP Class B market participants/consumers by deferring a portion of their Global Adjustment in April, May and June 2020. Amendment to Ontario Regulation 429/04 directs the recovery of the 2020 deferred Global Adjustment charges on a monthly basis throughout 2021. Non-Hydro Renewables Funding: CT 1427 and 1487. The Ministry of Energy, Northern Development and Mines will be funding a portion of non-hydro renewable energy contract costs effective January 1, 2021, which will reduce Global Adjustment for all consumers.</li> <li>Description of Change</li> <li>v0.3 Charge type name change from 1427 - Non-Hydro Renewables Global Adjustment Funding Amount to 1427 - Non-Hydro Renewables Funding Amount and 1487 - Non-Hydro Renewables Global Adjustment Funding Manount to 1427 - Non-Hydro Renewables Funding Balancing Amount to 1487 - Non-Hydro Renewables Funding Balancing Amount v0.2 Tax treatment for US, Manitoba and QC for CT 1487, 6147 and 6148 has changed to N/A v0.1 Adding new charge types to IESO Charge Types and Equations Section 2.1, 2.2 and 2.4 and Format Specifications for Settlement Statement Files and Data Files Section 2.2.1.</li> <li>Description of Impact</li> <li>Participants will see the details of the new charge types in order to properly reconcile their settlement statements</li> </ul> |

| Document Title, ID#,<br>Ver.                               | Intended<br>Audience | Stakeholder History  | Cat. | . Description of Change   |
|--|----------------------|--|------|---|
| CMSC Recovery from<br>Dispatchable Loads<br>IMDC-69<br>0.1 | Dispatchable Load    | On October 27, 2020 the IESO held a<br>webinar to present and gather<br>feedback on proposed market rule<br>amendments to allow the IESO to<br>recover inappropriate Congestion<br>Management Settlement Credit<br>payments when those payments are a<br>result of operational constraints<br>indicated by the dispatchable load to<br>prevent endangering the safety of any<br>person, equipment damage, or the<br>violation of any applicable law (SEAL).<br>At the November 10 Technical Panel<br>(TP) meeting, the IESO presented the<br>proposal as an education item to TP<br>members, followed by a vote to post<br>the amendment for broader stakeholder<br>comment at the January, 2021 TP<br>meeting. The IESO Board voted to<br>approve the proposed market rule<br>amendment at the March 10, 2021<br>IESO Board of Directors meeting. | 3    | <ul> <li>Reason For Change The market rule amendment (MR-447-R00) effective April 6, 2021, will enable the recovery of inappropriate congestion management settlement credit (CMSC) payments from dispatchable loads when those payments are a result of actions taken to prevent endangering the safety of any person, equipment damage, or the violation of any applicable law (SEAL). These CMSC payments are inappropriate and considered self-induced as they are the result of actions taken by the dispatchable load and/or conditions at, or involving, the dispatchable load facility and not by conditions on the IESO controlled-grid.</li> <li>Description of Change This IMDC amends Market Manual 5 Part 5.5 "Physical Markets Settlement Statements" to address market rule amendment (MR-447-R00). It will be effective April 6, 2021 and incorporated into Baseline 45.1 (June 2, 2021).</li> <li>Description of Impact The CMSC recovery is applied as a manual entry to charge type 124 "SEAL Congestion Management Settlement Credit Amount". The adjustment is rebated back to market participants as a single manual entry to charge type 155 "Congestion Management Settlement Uplift".</li> </ul> |
|  |                      |  |      |   |

| Document Title, ID#,<br>Ver.  | Intended<br>Audience | Stakeholder History   | Cat. | Description of Change  |
|---|----------------------|---|------|--|
| MM 4.6 Carbon Price<br>Adder Update<br>IMDC-70<br>1.0                     | Generator            | Stakeholder history on the RT-GCG<br>Program Cost Recovery Framework can<br>be found in the link below:<br>http://ieso.ca/Sector-<br>Participants/Engagements-<br>Initiatives/Engagements/Completed/RT-<br>GCG-Program-Cost-Recovery-<br>Framework. IMDC was posted on<br>Pending Changes for review - March<br>19, 2021. Published on the Market<br>Rules and Manuals Library page - April<br>1, 2021. |      | <ul> <li>Reason For Change</li> <li>The Ontario Energy Board released a Decision and Order (EB-2020-0212) on</li> <li>February 11, 2021 to update the Federal and Facility Carbon Charges, effective</li> <li>April 1, 2021. These values, grouped together under the Real-Time Generation</li> <li>Cost Guarantee (RT-GCG) program to form the Carbon Price Adder, are spelled out in the Market Manual.</li> <li>Description of Change</li> <li>The Carbon Price Adder has been updated to reflect the 2021 facility and federal carbon charges imposed by Enbridge Gas Inc.</li> <li>Description of Impact</li> <li>The updated Carbon Price Adder pre-approved value will be used for RT-GCG settlement purposes for eligible starts as of April 1, 2021.</li> </ul> |
| Transmission Rights<br>Clearing Account<br>Disbursement<br>IMDC-64<br>2.0 | All                  | The change and market rules were<br>approved by the IESO board on August<br>26, 2020. Posted for review - January<br>14, 2021. Published IMDC-64 on<br>February 11, 2021. Valid from January<br>31 - June 2, 2021 (BL45.1). Posted v1.1<br>for clarification on April 6, 2021.<br>Reissued IMDC-64 @v2.0 on April 12,<br>2021.  |      | <ul> <li>Reason For Change</li> <li>Updated IMDC-64 v1.0 (as highlighted) for: - Clarification in section 1.6.27 - Variables used in Charge Types 102 and 168</li> <li>Description of Change</li> <li>Updated Charge Types 102 and 168 will be effective May 31, 2021 PSS.</li> <li>Description of Impact</li> <li>The IMDC impacts the charge types 102 and 168.</li> </ul>   |

| Document Title, ID#,<br>Ver.                              | Intended<br>Audience                  | Stakeholder History  | Cat. | . Description of Change   |
|---|---------------------------------------|--|------|---|
|   | Connection<br>Assessment<br>Applicant | Posted for external review on April 7,<br>2021.                        | 3    | <ul> <li>Reason For Change To clarify that any confidential appendices in the SIA reports will be excluded before posting publishing the reports on the IESO website. </li> <li>Description of Change Updated content to reference the SIA reports confidential appendices where appropriate Description of Impact This is just a clarification that any confidential appendices in the SIA reports will be excluded before posting publishing the reports on the IESO website.</li></ul>   |
| Cost Recovery Letter<br>Agreement<br>IESO_AGR_0022<br>5.2 | Connection<br>Assessment<br>Applicant | Posted for review - April 1, 2021.<br>Posted for review - May 7, 2021. |      | <ul> <li>Reason For Change</li> <li>5.2 Modified to add a disclosure Notice for the Insurance Status Added a clarification for applicable taxes 5.1 1- Clarify that the procedures are set out in Market Manual 1.4 2- Clarify that Expedited SIA reports are published according to the procedures in Market Manual 1.4</li> <li>Description of Change</li> <li>Clarify that the procedures are set out in market manual 1.4</li> <li>Description of Impact</li> <li>Clarify that the procedures are set out in market manual 1.4</li> </ul> |

| Document Title, ID#,<br>Ver. | Intended<br>Audience | Stakeholder History  | Cat. | Description of Change   |
|------------------------------|----------------------|--|------|---|
| Assessment Agreement         |                      | Posted for review - April 7, 2021.<br>Posted for review - May 7, 2021. |      | <ul> <li>Reason For Change</li> <li>15.2 Modified to add a disclosure Notice for the Insurance Status Added a clarification for applicable taxes 15.1 To clarify that any confidential appendices in the SIA reports will be excluded before posting publishing the reports on the IESO website.</li> <li>Description of Change</li> <li>Updated content to reference the exclude the publishing of confidential appendices where appropriate</li> <li>Description of Impact</li> <li>This is just a clarification that any confidential appendices in the SIA reports will be excluded before publishing the reports on the IESO website.</li> </ul> |
| Operations                   |                      |  |      |   |

| Document Title, ID#,<br>Ver.   | Intended<br>Audience | Stakeholder History  | Cat. | Description of Change   |
|--|----------------------|--|------|---|
| Market Manual 7:<br>System Operations Part<br>7.2: Near-Term<br>Assessments and<br>Reports<br>IMP_PRO_0033<br>46.1 | All                  | Updated to incorporate IMDC-68 -<br>Changes in the Calculation Methodology<br>of the IESO Public Adequacy Report.<br>Issued - March 29, 2021 in advance of<br>Baseline 45.1. |      | <ul> <li>Reason For Change</li> <li>IMDC-68: The following changes will be incorporated in the adequacy report for May 1, 2021 and onward: 1. Account for the participation of new resources from the capacity auction; namely, capacity storage resources, capacity generation resources, and capacity import resources. 2. Modify the Additional Contingency Allowance calculation under Generation Reserve Holdback requirements for the Winter Period.</li> <li>Description of Change</li> <li>Issue released in advance of Baseline 45.1 to incorporate IMDC-68.</li> <li>Description of Impact</li> <li>IMDC-68: The following changes will be incorporated in the adequacy report for May 1, 2021 and onward: 1. Account for the participation of new resources from the capacity auction; namely, capacity storage resources, capacity generation resources, and capacity import resources. 2. Modify the Additional Contingency Allowance calculation under Generation Reserve Holdback requirements for the Winter Period.</li> </ul> |
| IESO Active and<br>Reactive Power<br>Capability Verification<br>FORM-56<br>4.1                                     | Generator            | Posted for review - March 25, 2021.  | 2    | Reason For Change         Updating formatting for customer accessibility         Description of Change         Updating formatting for customer accessibility         Description of Impact         Updating formatting for customer accessibility  |

| Document Title, ID#,<br>Ver.  | Intended<br>Audience           | Stakeholder History                            | Cat. | Description of Change   |
|---|--------------------------------|--|------|---|
| Market Manual 1.4:<br>Connection Assessment<br>and Approval<br>MDP_PRO_0048<br>22.1 | All                            | Posted for review - April 7, 2021.             | 2    | Reason For Change         Updated SIA/ESIA information throughout the document.         Description of Change         Refer to Table of Changes.         Description of Impact         Updated SIA/ESIA information throughout the document.  |
| Market Manual 1.5:<br>Market Registration<br>Procedures<br>PRO-408<br>3.1           | All                            | Posted for external review - April 7,<br>2021. | 2    | <ul> <li>Reason For Change</li> <li>Clarification of the Owner definition and the impacts to the Registered Market</li> <li>Participant role from the removal of the dispatch data submitter.</li> <li>Description of Change</li> <li>Changes to the Owner definition and Registered Market Participant role</li> <li>Description of Impact</li> <li>Clarification of the Owner definition and the impacts to the Registered Market</li> <li>Participant role from the removal of the dispatch data submitter.</li> </ul> |
| Reliability Assessments   | I                              |  |      |   |
| Verification of FACTS<br>Voltage Regulating<br>Devices<br>FORM-107<br>0.1           | Generator;<br>Equipment Owners | Posted for review - March 30, 2021.            | 2    | Reason For Change         New workbook to submit FACTS voltage regulating devices for verification.         Description of Change         New workbook to submit FACTS voltage regulating devices for verification.         Description of Impact         New workbook to submit FACTS voltage regulating devices for verification.   |

| Document Title, ID#,<br>Ver.   | Intended<br>Audience | Stakeholder History                 | Cat. | Description of Change  |
|--|----------------------|-------------------------------------|------|--|
| Verification of<br>Synchronous<br>Condenser Control<br>System or Control<br>Functions<br>FORM-108<br>0.1 | Equipment Owners     | Posted for review - March 30, 2021. |      | Reason For Change         New workbook to submit Synchronous condenser control system or control functions for verification.         Description of Change         New workbook to submit Synchronous condenser control system or control functions for verification         Description of Impact         New workbook to submit Synchronous condenser control system or control functions for verification |
| Reliability Compliance   |                      | 1                                   |      |  |

| Reliability Compliancethrough engagement with Reliabilityv3.2Part 11.5 ModelStandards Standing Committeev3.1Validation ofmembers. At the 2020 Q3 meetingGeneration and Energy(Sept 24, 2020) IESO staff indicatedStorage Facilities andrevisions to the manual would beother devicesforthcoming. A draft was sent to RSSCIESO_PRO_0876members for comment on November3.210, 2020. Comments were collectedand reviewed and discussed at the Q4facilRSSC meeting (Nov 26, 2020). Thetworevisions were generally supported withValid | <ul> <li>eason For Change</li> <li>8.2 Responding to comments received from Hydro One during Baseline 45.0.</li> <li>8.1 NPCC Directories 9 and 10 have become obsolete.</li> <li>escription of Change</li> <li>8.2 Removed the local definition of and references to "Dynamic Devices" and odated the text in various sections to specifically refer to synchronous undensers, energy storage devices and voltage compensating devices. Revised ection 1.3 to clarify the applicability of requirements to BES and non-BES cilities. Revised Section 3 for improved clarity and introduced references to</li> </ul>                          |
|---|---|
| with the revised version. All feedbackandwas reviewed and where applicable wasruleincorporated into the document. CitingModsupport from RSSC participants, theIESO indicated that the revised versionof the document will be submitted intoThe  | to new workbook forms. Changed the title of the market manual to: "Model<br>alidation of Generation and Energy Storage Facilities and other devices". v3.1<br>hanges made to multiple sections of this manual to update procedural steps,<br>and replace references from NPCC Directories 9 and 10 to applicable market<br>les requirements and the related NERC standards. Title changed to MM11.5<br>bodel Validation of Generation and Energy Storage Facilities and other devices.<br><b>escription of Impact</b><br>the document consolidates existing requirements. There are no additional<br>ampliance burden to Market Participants. |

| Document Title, ID#,<br>Ver.   | Intended<br>Audience  | Stakeholder History              | Cat. | Description of Change  |
|--|---|----------------------------------|------|--|
| Ontario Reliability<br>Compliance Program<br>Data Request Form,<br>Ontario Automatic<br>Under Frequency Load<br>Shedding (UFLS)<br>Program Requirements<br>IESO_FORM_1718<br>7.1 | Distributor;<br>Generator;<br>Transmitter;<br>Wholesale<br>Consumer | Posted for review, April 7 2021. |      | Reason For Change         Automation of UFLS Data Extraction Process         Description of Change         Changed the format from word to excel. Modified description and appearance to make it easier for participants. Form has been renamed.         Description of Impact         No change to how participant fill out the form. |
| Data Request Form,<br>Ontario Automatic  | Distributor;<br>Generator;<br>Transmitter;<br>Wholesale<br>Consumer | Posted for review, April 7 2021. |      | Reason For Change         Automation of UFLS Data Extraction Process.         Description of Change         Change the format from word to excel. Modified description and appearance to make it easier for participants.         Description of Impact         No change to how participant fill out the form.                        |
| Settlements  | 1   |                                  |      | 1  |

| Document Title, ID#,<br>Ver.  | Intended<br>Audience | Stakeholder History   | Cat | . Description of Change  |
|---|----------------------|---|-----|--|
| Format Specifications<br>for Settlement<br>Statement Files and<br>Data Files<br>IMP_SPEC_0005<br>55.1 | All                  | Posted for review - April 7, 2021.<br>IMDC-63 - A memo providing details on<br>the Global Adjustment deferral recovery<br>was sent to distributors on December<br>18, 2020. Capacity Auction - the<br>changes are being made to reflect<br>merger of demand response program<br>into the wider Capacity Auction<br>program which has been extensively<br>stakeholdered. Please refer the<br>following link for complete<br>engagement:<br>https://www.ieso.ca/en/Sector-<br>Participants/Engagement-<br>Initiatives/Engagements/Capacity-<br>Auction. | 2   | <ul> <li>Reason For Change This document is being updated to: 1) Incorporate IMDC-63 2) Rename existing Demand Response charges as part of the Capacity Auction project </li> <li>Description of Change 1) Incorporate IMDC-63 : Added 6 new Charge Type IDs related to Global Adjustment Deferral Recovery (CT 6147, 6148, 9147 &amp; 9148) and Non-Hydro Renewables Funding (CT 1427 and 1487) 2) Capacity Auction - Existing Demand Response charges 1314, 1315, 1316, 1317, 1318, 1319 and 1320 have been renamed to remove "Demand Response" descriptions. Changes will be effective when the June 30, 2021 Preliminary Statement is published on July 15, 2021. Please refer to the following link for related Capacity Auction  documentation: <a href="https://www.ieso.ca/en/Sector-Participants/Change-Management/Capacity-Auction-Rules-Library.">https://www.ieso.ca/en/Sector-Participants/Change-Management/Capacity-Auction-Rules-Library.</a> Description of Impact  1) IMDC-63 is already in effect and therefore no impact is expected for the  changes being incorporated 2) Where applicable, Market Participants should account for the name change for the Demand Response Charges</li></ul> |
|   | <u></u>              |   |     |  |

| Document Title, ID#,<br>Ver.  | Intended<br>Audience | Stakeholder History   | Cat. | Description of Change   |
|---|----------------------|---|------|---|
| File Format<br>Specification for<br>Capacity Auction Data<br>Files<br>SPEC-142<br>1.1                           | All                  | Posted for review - April 7, 2021.<br>Capacity Auction - these changes are<br>being made to reflect merger of<br>demand response program into the<br>wider Capacity Auction program which<br>has been extensively stakeholdered.<br>Please refer the following link for<br>complete engagement:<br><u>https://www.ieso.ca/en/Sector-<br/>Participants/Change-</u><br><u>Management/Capacity-Auction-Rules-<br/>Library.</u> | 3    | <ul> <li>Reason For Change Document and report file name change, and file content changes for Capacity Auction. Note: Changes will be effective when the June 30, 2021 Preliminary Statement is published on July 15, 202.</li> <li>Description of Change <ol> <li>Changed "Demand Response" to "Capacity Auction" and "DR" to "CA" 2.</li> <li>Updated file name format 3. Updated to show that bid data is only published for days in which an availability charge (CT 1315) was applied 4. Updated pre- dispatch (PD) bid content Note: Changes will be effective when the June 30, 2021 Preliminary Statement is published on July 15, 2021.</li> </ol> </li> <li>Description of Impact Market participants will see updated file name and content to the existing Demand Response Data File Report</li></ul> |
| 2015 Capacity Based<br>Demand Response<br>(CBDR) Program<br>Settlement Processing<br>Timelines<br>CAL-12<br>2.0 | Demand Response      | Calendar is no longer used and will be made obsolete in Baseline 45.1.  | 1    | Reason For Change         Calendar is no longer used and will be made obsolete.         Description of Change         This calendar is no longer used and will be made obsolete.         Description of Impact         Outdated calendar will be obsoleted.   |
| Reduced Debt<br>Retirement Charge<br>(DRC) Certification<br>IMO_FORM_1438<br>3.0                                | All                  | Form is no longer used and will be made obsolete in Baseline 45.1.  | 1    | Reason For Change         Form is no longer used and will be obsoleted.         Description of Change         Form is no longer used and will be made obsolete.         Description of Impact         Form will be obsoleted.   |

| Document Title, ID#,<br>Ver.  | Intended<br>Audience           | Stakeholder History                                       | Cat | . Description of Change   |
|---|--------------------------------|---|-----|---|
| Update to Baseline  |                                | 1   | _   |   |
| Generator Frequency<br>and Voltage Protective<br>Relay Settings, and<br>Related IESO<br>Requirements<br>FORM-70<br>3.1        | Generator;<br>Equipment Owners | Posted for review - May 5, 2021.                          | 2   | <ul> <li>Reason For Change</li> <li>Specified IESO over and under voltage requirements for base voltages. Added on "instructions" tab: description of translating protection settings at the high side of the GSU/MPT.</li> <li>Description of Change</li> <li>Specified IESO over and under voltage requirements for base voltages. Added on "instructions" tab: description of translating protection settings at the high side of the GSU/MPT.</li> <li>Description of Impact</li> <li>Specified IESO over and under voltage requirements for base voltages. Added on "instructions" tab: description of translating protection settings at the high side of the GSU/MPT.</li> </ul> |
| Market Manual 4:<br>Market Operations Part<br>4.3: Real-Time<br>Scheduling of the<br>Physical Markets<br>IMP_PRO_0034<br>60.1 | All                            | Posted for review on April 19, 2021 for<br>Baseline 45.1. | 2   | Reason For Change         New subsection 6.4.4. was added covering the IESO-Manitoba Hydro-Electric         Board Reliability Must-Run Contract.         Description of Change         New subsection covering the IESO-Manitoba Hydro-Electric Board Reliability         Must-Run Contract added.         Description of Impact         New subsection 6.4.4 added.  |

| Document Title, ID#,<br>Ver.   | Intended<br>Audience | Stakeholder History  | Cat | . Description of Change  |
|--|----------------------|--|-----|--|
| Market Manual 7:<br>System Operations Part<br>7.1: IESO-Controlled<br>Grid Operating<br>Procedures<br>MDP_PRO_0040<br>39.2 | All                  | Posted v39.1 for external review on<br>April 8, 2021 for Baseline 45.1 Posted<br>v39.2 for external review on April 19,<br>2021 for baseline 45.1. | 1   | <ul> <li>Reason For Change</li> <li>Version 39.2: Updated references to Shift Control Engineer to Shift Control Specialist, and references to Canadian Cyber Incident Response Centre to Canadian Centre for Cyber Security. Version 39.1: Market Manual 7.1 was updated to align with the revisions made to Market Manual 7.4 in September 2020 regarding the IESO's re-preparation and load shedding policy, and to provide additional clarity in Appendix B on the IESO's ability to take actions to address reliability concerns.</li> <li>Description of Change</li> <li>Refer to Table of Changes.</li> <li>Description of Impact</li> <li>There is no impact as a result of the revisions to Market Manual 7.1.</li> </ul>  |
| Market Manual 1.6:<br>Performance Validation<br>IESO_REQ_0208<br>13.1  | All                  | Posted for external review on April 20,<br>2021 for Baseline 45.1  | 2   | <ul> <li>Reason For Change</li> <li>Updated section 3.3 information to include clarifications on applicability of requirements in Category 12 of Appendix 4.3 of the market rules to generation units and electricity storage units connected within a connected wholesale customer's or distributor's facilities or distribution system.</li> <li>Description of Change</li> <li>Updated section 3.3 information to include clarifications on applicability of requirements in Category 12 of Appendix 4.3 of the market rules to generation units and electricity storage units connected within a connected wholesale customer's or distributor's facilities or distribution system.</li> <li>Description of Change</li> <li>Updated section 3.3 information to include clarifications on applicability of requirements in Category 12 of Appendix 4.3 of the market rules to generation units and electricity storage units connected within a connected wholesale customer's or distributor's facilities or distribution system.</li> <li>Description of Impact</li> <li>Updated section 3.3 information to include clarifications on applicability of requirements in Category 12 of Appendix 4.3 of the market rules to generation units and electricity storage units connected within a connected wholesale customer's or distributor's facilities or distribution system.</li> </ul> |

| Document Title, ID#,<br>Ver.                               | Intended<br>Audience | Stakeholder History   | Cat. | Description of Change   |
|--|----------------------|---|------|---|
| IESO Charge Types<br>and Equations<br>IMP_LST_0001<br>75.2 | All                  | IMDC-63 - Global Adjustment Deferral<br>Recovery and Non-Hydro Renewables<br>Funding. Published in the Market Rules<br>and Manuals Library page - February<br>12, 2021. IMDC-64 - Transmission<br>Rights Clearing Account Disbursement.<br>Published in the Market Rules and<br>Manuals Library page - February 11,<br>2021. Reissued IMDC-64 @v2 on April<br>12, 2021 for clarification. IMDC-65 -<br>Global Adjustment Overpayment.<br>Published in the Market Rules and<br>Manuals Library page - February 4,<br>2021. v82.1 Posted for review - April<br>13, 2021. v82.2 Posted for review -<br>April 21, 2021. | 1    | <ul> <li>Reason For Change v82.2 Updated for minor clarification of charge type CT 9148. v82.1 Updated to incorporate of IMDC-63, IMDC-64 and IMDC-65. For details, refer to 'Table of Changes'.</li> <li>Description of Change Incorporate IMDC-63 - Global Adjustment Deferral Recovery and Non-Hydro Renewables Funding. Incorporate IMDC-64 - Transmission Rights Clearing Account Disbursement. Incorporate IMDC-65 - Global Adjustment Overpayment.</li> <li>Description of Impact Incorporate IMDC-63 - Global Adjustment Deferral Recovery and Non-Hydro Renewables Funding. Incorporate IMDC-65 - Global Adjustment Overpayment.</li> <li>Account Disbursement. Incorporate IMDC-64 - Transmission Rights Clearing Account Disbursement. Incorporate IMDC-65 - Global Adjustment Overpayment.</li> </ul> |

| Document Title, ID#,<br>Ver.   | , Intended<br>Audience | Stakeholder History  | Cat. | . Description of Change   |
|--|------------------------|--|------|---|
| Market Manual 5:<br>Settlements Part 5.5:<br>Physical Markets<br>Settlement Statements<br>MDP_PRO_0033<br>82.2 | All                    | IMDC-64 - Transmission Rights Clearing<br>Account Disbursement. Published in the<br>Market Rules and Manuals Library page<br>- February 11, 2021. Reissued IMDC-64<br>@v2 on April 12, 2021 for clarification.<br>IMDC-69 - CMSC Recovery from<br>Dispatchable Loads. Posted on Pending<br>Changes for review - March 11, 2021,<br>to be implemented April 6, 2021. v82.1<br>Posted for review - April 13, 2021.<br>v82.2 Posted for review - April 21,<br>2021. | 2    | <ul> <li>Reason For Change v82.2 Update to: 1) Add section 1.6.36.3 to clarify program extension of COVID-19 Energy Assistance Program. 2) Update section 1.6.7.8 information regarding charge type CT 6148. For details refer to the document 'Table of Changes'. v82.1 Updated to incorporate IMDC-64 and IMDC-69. For details refer to the document 'Table of Change 1) Incorporate IMDC-64 - Transmission Rights Clearing Account Disbursement. 2) Incorporate IMDC-69 - CMSC Recovery from Dispatchable Loads. 3) Remove reference to form IMO_FORM_1438 "Reduced Debt Retirement Charge (DRC) Certification" due to DRC program expiry. 4) COVID-19 Energy Assistance Program has been extended for the fiscal year 2021-22.</li> <li>Description of Impact 1) Incorporate IMDC-64 - Transmission Rights Clearing Account Disbursement.</li> <li>2) Incorporate IMDC-64 - Transmission Rights Clearing Account Disbursement.</li> </ul> |
| Market Rule<br>Amendment Proposal<br>IMO_FORM_1087<br>12.1   | All                    | posted as information - April 29, 2021   | 1    | <ul> <li>Reason For Change Increase clarity on the form. </li> <li>Description of Change Add a field in part one to denote the current baseline of market rules used to make the redline proposal. </li> <li>Description of Impact Updated for clarity.</li></ul>   |

| Document Title, ID#,<br>Ver.   | Intended<br>Audience  | Stakeholder History   | Cat. | Description of Change   |
|--|---|---|------|---|
| Market Manual 4:<br>Market Operations Part<br>4.6: Real-Time<br>Generation Cost<br>Guarantee Program<br>PRO-324<br>7.1 | All   | Issued as IMDC-70. Will be updated<br>and issued on June 2, 2021 as part of<br>Baseline 45.1.       | 2    | <ul> <li>Reason For Change</li> <li>Updated to incorporate IMDC-70, which was issued on April 1, 2021.</li> <li>Description of Change</li> <li>IMDC-70: Updates to the section 5.4 fuel cost recovery methodology.</li> <li>Description of Impact</li> <li>Updated to incorporate IMDC-70, which was issued on April 1, 2021.</li> </ul>  |
| Quick Take: Interim<br>Market Document<br>Change (IMDC)<br>GDE-280<br>2.1  | All   | Reviewed and updated by internal<br>subject matter experts. Posted as<br>information - May 4, 2021. | 1    | Reason For Change         Updated to incorporate AODA and accessibility requirements.         Description of Change         Updated to incorporate AODA and accessibility requirements.         Description of Impact         Updated to incorporate AODA and accessibility requirements.         Description of Impact         Updated to incorporate AODA and accessibility requirements. No changes were made to the process.                          |
| Technical Feasibility<br>Study Agreement<br>IMP_AGR_0001<br>11.1   | Connection<br>Assessment<br>Applicant;<br>Distributor;<br>Generator;<br>Transmitter;<br>Wholesale<br>Consumer | Posted for review May 7, 2021   | 3    | <ul> <li>Reason For Change</li> <li>Added Schedule 3 - Disclosure Notice.</li> <li>Description of Change</li> <li>Updated content of Sections 3 regarding the payment of HST. Also, updated</li> <li>Section 6 to include the disclaimer statement and the disclosure of insurance status.</li> <li>Description of Impact</li> <li>The IESO discloses its Insurance status as mandated by Regulation 941 under the Professional Engineers Act.</li> </ul> |

| Document Title, ID#,<br>Ver.                     | Intended<br>Audience     | Stakeholder History              | Cat. | Description of Change   |
|--|--------------------------|----------------------------------|------|---|
| Loadability -                                    | Generator;<br>Consultant | Posted for review - May 7, 2021. |      | <b>Reason For Change</b><br>OC Elements tabs were updated to use Engineering units instead of pu.     |
| Synchronous Type<br>Generation<br>FORM-90<br>3.1 |                          |                                  |      | <b>Description of Change</b><br>Updated the OC Elements tabs to use Engineering units instead of pu.  |
|  |                          |                                  |      | <b>Description of Impact</b><br>OC Elements tabs were updated to use Engineering units instead of pu. |

### 2.3 **Obsolete Documents**

Content of obsolete documents is no longer applicable or required.

| Document Title   | Document Number |
|--|-----------------|
| 2015 Capacity Based Demand Response (CBDR) Program Settlement Processing Timelines | CAL-12          |
| Reduced Debt Retirement Charge (DRC) Certification                                 | IMO_FORM_1438   |

### 2.4 Superseded Documents

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

| Document Title  | Document<br>Number | Incorporated into Document  |
|---|--------------------|---|
| Global Adjustment Deferral Recovery and Non-<br>Hydro Renewables Funding  | IMDC-63            | IESO Charge Type and Equations (IMP_LST_0001) and<br>Format Specifications for Settlement Statement Affected:<br>Files and Data Files (IMP_SPEC_0005) |
| Transmission Rights Clearing Account<br>Disbursement                      | IMDC-64            | Market Manual 5: Settlements Part 5.5: Physical Market<br>Settlement Statements (MDP_PRO_0033)<br>IESO Charge Type and Equations (IMP_LST_0001)       |
| Global Adjustment Overpayment   | IMDC-65            | IESO Charge Type and Equations (IMP_LST_0001)   |
| Changes in the Calculation Methodology of the IESO Public Adequacy Report | IMDC-68            | Market Manual 7: System Operations<br>Part 7.2: Near-Term Assessments and Reports   |
| CMSC Recovery from Dispatchable Loads                                     | IMDC-69            | Market Manual 5 Settlements Part 5.5 Physical Markets<br>Settlement Statements (MDP_PRO_0033)   |
| MM4.6 Carbon Price Adder Update   | IMDC-70            | Market Manual 4: Market Operations Part 4.6: Real-Time<br>Generation Cost Guarantee Program (PRO-324)   |

### 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 |
|----------------|-----------------|-------------|
|                |                 |             |

#### 2.6 Deferred Documents

The following document is deferred to the next baseline.

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

#### 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 -

## 3. Document Listing

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

| Master<br>Document | Document Title  | Document<br>Number | Document Description  | Issue |
|--------------------|---|--------------------|---|-------|
| Market Rules       | Market Rules for the Ontario Electricity<br>Market  | MDP_RUL_0002       | <i>Market Rules</i> for the Ontario Electricity Market for current Baseline   | 79.0  |
| Market Rules       | Market Rules Chapter 01 Introduction<br>and Interpretation                                    | MDP_RUL_0002_01    | This chapter deals with matters such as the background and the objectives of the <i>market rules</i> .  | 11.0  |
| Market Rules       | Market Rules Chapter 1 Introduction<br>And Interpretation Of The Market Rules<br>- 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.   | 24.0  |
| Market Rules       | Market Rules Chapter 2 Participation -<br>Appendices  | MDP_RUL_0002_02A   | This chapter deals with matters such as application, prudential requirements, technical requirements and payment default.   | 13.0  |
| Market Rules       | Market Rules Chapter 03 Administration,<br>Supervision, Enforcement                           | MDP_RUL_0002_03    | This chapter deals with matters such as dispute resolution, market surveillance, rule amendment, information confidentiality and enforcement.   | 32.0  |
| Market Rules       | Market Rules Chapter 3 Administration,<br>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<br>Connection Requirements                                       | MDP_RUL_0002_04    | This chapter deals with matters such as out<br>equipment standards, performance standards and<br>obligations of <i>market participants</i> , connection<br>conditions and provision and use of connection-<br>related information.  | 16.0  |
| Market Rules       | Market Rules Chapter 4 Grid<br>Connection Requirements - Appendices                           | MDP_RUL_0002_04A   | This chapter deals with matters such as out<br>equipment standards, performance standards and<br>obligations of <i>market participants</i> , connection<br>conditions and provision and use of connection-<br>related information.  | 14.0  |
| Market Rules       | Market Rules Chapter 05 Power System<br>Reliability   | MDP_RUL_0002_05    | This chapter deals with matters such as<br>obligations and responsibilities, system <i>reliability</i> ,<br>system <i>security</i> , <i>outage</i> co-ordination,<br>forecasting, voltage and <i>demand</i> control,<br><i>emergency</i> preparedness and information and<br>reporting. | 39.0  |
| Market Rules       | Market Rules Chapter 5 Power System<br>Reliability - Appendices                               | MDP_RUL_0002_05A   | This chapter deals with matters such as<br>obligations and responsibilities, system <i>reliability</i> ,<br>system <i>security</i> , <i>outage</i> co-ordination,<br>forecasting, voltage and <i>demand</i> control,<br><i>emergency</i> preparedness and information and<br>reporting. | 7.0   |
| Market Rules       | Market Rules Chapter 06 Wholesale<br>Metering   | MDP_RUL_0002_06    | This chapter deals with matters such as <i>meter</i><br><i>installation</i> , metering service provision, access,<br><i>security</i> and processing of <i>meter data</i> and<br>performance of <i>meter installations</i> .   | 16.0  |

| Master<br>Document | Document Title   | Document<br>Number | Document Description   | Issue |
|--------------------|--|--------------------|--|-------|
| Market Rules       | Market Rules Chapter 6 Wholesale<br>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.  | 12.0  |
| Market Rules       | Market Rules Chapter 07 System<br>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, capacity reserve</i> market and <i>generator</i> commitment.  | 45.0  |
| Market Rules       | Market Rules Chapter 7 System<br>Operations and Physical Markets -<br>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.  | 23.0  |
| Market Rules       | Market Rules Chapter 08 Physical<br>Bilateral Contracts and Financial<br>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.  | 15.0  |
| Market Rules       | Market Rules Chapter 8 Physical<br>Bilateral Contracts and Financial<br>Markets - Appendices             | MDP_RUL_0002_08A   | This chapter deals with matters such as physical bilateral contracts, <i>energy</i> forward 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<br>settlement data collection, determination of hourly<br>settlement amounts, non-hourly settlement<br>amounts, market power mitigation and settlement<br>statements.  | 51.0  |
| Market Rules       | Market Rules Chapter 9 Settlements<br>and Billing - Appendices   | MDP_RUL_0002_09A   | This chapter deals with matters such as settlement data collection, determination of hourly settlement amounts, non-hourly settlement amounts, market power mitigation and settlement statements.  | 4.0   |
| Market Rules       | Market Rules Chapter 10 Transmission<br>Service and Planning   | MDP_RUL_0002_10    | This chapter deals with matter such as basic use<br>service, export service, connection service,<br>transformation service, system <i>adequacy</i> and<br>investment and information requirements.   | 5.0   |
| Market Rules       | Market Rules Chapter 11 Definitions  | MDP_RUL_0002_11    | This chapter sets out definitions of terms used in the Rules.  | 56.0  |
| Market Rules       | Market Rules to Manuals Cross<br>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<br>Maintenance & Exit Part 1.3 Identity<br>Management Operations Guide     | IMP_GDE_0088       | This guide describes the process for <i>Market</i><br><i>Participants</i> and the <i>IESO</i> to register, initialize,<br>change, and revoke Digital Certificates required<br>for access to <i>IESO</i> -secure Web servers.   | 27.0  |
| Market Manual      | Market Manual 1: Connecting to<br>Ontario's Power System Part 1.4:<br>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.  | 23.0  |
| Market Manual      | Market Manual 1: Connecting to<br>Ontario's Power System Part 1.5:<br>Market Registration Procedures     | PRO-408            | This market manual contains procedures to be<br>followed by entities wishing to apply for<br>participation in the <i>IESO</i> -administered markets or<br>programs. It also contains procedures to be<br>followed by new or existing <i>market participants</i><br>wishing to register, maintain, or deregister<br>facilities, or withdraw from the IESO-administered<br>markets | 4.0   |

| Master<br>Document       | Document Title  | Document<br>Number | <b>Document Description</b>   | Issue |
|--------------------------|---|--------------------|---|-------|
| Market Manual            | Market Manual 1: Connecting to<br>Ontario's Power System Part 1.6:<br>Performance Validation                        | IESO_REQ_0208      | A document to mitigate risks that equipment will<br>not be suitable for connection to the IESO-<br>controlled grid and to clarify validation<br>requirements  | 14.0  |
| Market Manual            | Market Manual 2: Market Administration:<br>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> .  | 18.0  |
| Market Manual            | Market Manual 2: Market Administration:<br>Part 2.2: Exemption Application and<br>Assessment                        | IMO_PRO_0019       | This document sets out the procedure established<br>by the independent directors of the <i>IESO Board</i><br>by which <i>exemption applicants</i> may apply for an<br><i>exemption</i> from the application of standards and<br>obligations                     | 5.0   |
| Market<br>Administration | Rules of Procedure Governing Hearings<br>Before the IESO Board  | IESO_PRO_0002      | This document sets out the rules of procedure<br>established by the <i>IESO Board</i> for proceedings<br>before the <i>IESO Board</i> where the <i>market rules</i><br>afford <i>market participants</i> an opportunity for a<br>hearing.                       | 2.0   |
| Market Manual            | Market Manual 2: Market Administration<br>Part. 2.3: Market Rule Amendment<br>Procedure                             | MDP_PRO_0019       | This procedure provides the steps to initiate and process an amendment to the <i>market rules</i> .   | 7.0   |
| Market Manual            | Market Manual 2: Market Administration<br>Part 2.5 Maintaining Surveillance Data<br>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. | 8.0   |
| Market Manual            | Market Manual 2: Market Administration<br>Part 2.6: Treatment of Compliance<br>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> .  | 21.0  |
| Market Manual            | Market Manual 2: Market Administration<br>Part 2.7: Treatment of Market<br>Surveillance Issues                      | MDP_PRO_0023       | This procedure provides the steps to process market surveillance issues.  | 9.0   |
| Market Manual            | Market Manual 2: Market Administration<br>Part 2.8: Reliability Assessments<br>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.  | 18.0  |
| Market Manual            | Market Manual 2: Market Administration<br>Part 2.9: Request for Proposal (RFP)<br>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).  | 7.0   |
| Market Manual            | Market Manual 2: Market Administration<br>Part 2.11: 18-Month Outlook and<br>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.  | 15.0  |
| Market Manual            | Market Manual 2: Market Administration<br>Part 2.12: Treatment of Local Market<br>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> .  | 11.0  |
| Market Manual            | Market Manual 2: Market Administration<br>Part 2.13: Market Document Baseline<br>Management                         | IMO_PRO_0039       | This document provides <i>market participants</i> with<br>an overview of the Market Document Baseline<br>Management procedure used by the <i>IESO</i> for<br>maintaining and updating documentation related<br>to the <i>IESO</i> -administered markets.        | 5.0   |
| Market Manual            | Market Manual 2.0: Market<br>Administration Part 2.14: Information<br>Confidentiality Catalogue                     | IMO_CAT_0002       | This is a catalogue of information in the possession and control of the <i>IESO</i> .   | 10.0  |

| Master<br>Document | Document Title  | Document<br>Number | Document Description   | Issue |
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| Market Manual      | Market Manual 2.0 Market<br>Administration Part 2.16: Ontario<br>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<br>Part 2.17: Compliance Auditing of<br>Reliability Standards for Ontario Market<br>Participants | IESO_PRO_0803      | This procedure provides guidance on auditing of<br><i>reliability standards</i> for Ontario <i>Market</i><br><i>Participants</i> .   | 1.0   |
| Market Manual      | Market Manual 3: Metering Part 3.0:<br>Metering Overview  | MDP_MAN_0003       | This document provides an overview of the market manual for Metering.  | 11.0  |
| Market Manual      | Market Manual 3: Metering Part 3.1:<br>Metering Service Provider (MSP)<br>Registration, Revocation, and De-<br>registration             | MDP_PRO_0007       | This document provides an overview of the steps associated with registration, revocation, and de-<br>registration of <i>metering service providers</i> .   | 17.0  |
| Market Manual      | Market Manual 3: Metering Part 3.2:<br>Meter Point Registration and<br>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.  | 29.0  |
| Market Manual      | Market Manual 3: Metering Part 3.4:<br>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> .  | 13.0  |
| Market Manual      | Market Manual 3: Metering Part 3.5: Site<br>Specific Loss Adjustments   | MDP_PRO_0011       | This document provides guidance to <i>metering</i> service providers on how to calculate and submit Site-Specific Loss Adjustments (SSLA) to the <i>IESO</i> .   | 9.0   |
| Market Manual      | Market Manual 3: Metering Part 3.6:<br>Conceptual Drawing Review  | MDP_PRO_0012       | This document provides guidance to <i>metering</i><br>service providers and metered market<br>participants on how to submit conceptual<br>drawings for proposed <i>metering installations</i> and<br>changes to existing <i>metering installations</i> to the<br><i>IESO</i> for review. | 15.0  |
| Market Manual      | Market Manual 3: Metering Part 3.7:<br>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> .  | 23.0  |
| Market Manual      | Market Manual 3: Metering Part 3.8<br>Creating and Maintaining Delivery Point<br>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> .  | 13.0  |
| Market Manual      | Market Manual 3: Metering Part 3.9:<br>Conformance Monitoring   | IMP_PRO_0058       | This document provides <i>market participants</i> ,<br><i>metered market participants</i> (MMPs), and<br><i>metering service providers</i> (MSPs) with the steps<br>required to comply with the <i>IESO</i> Conformance<br>Monitoring process.   | 19.0  |
| Market Manual      | Market Manual 3: Metering Part 3.10<br>Transmission Grid - High Voltage<br>Metering   | IESO_PRO_0573      | This procedure describes the process to be<br>followed by <i>market participants</i> when installing a<br><i>single metering installation</i> for more than one<br><i>connection point</i> or <i>embedded connection point</i> .   | 2.0   |
| Market Manual      | Market Manual 4: Market Operations<br>Part 4.2: Submission of Dispatch Data in<br>the Real-Time Energy and Operating<br>Reserve Markets | MDP_PRO_0027       | This procedure provides guidance to <i>Market</i><br><i>Participants</i> on the submission of <i>dispatch</i> data in<br>the Real-Time <i>Energy</i> and <i>Operating Reserve</i><br><i>Markets</i> .  | 64.0  |
| Market Manual      | Market Manual 4: Market Operations<br>Part 4.3: Real-Time Scheduling of the<br>Physical Markets   | IMP_PRO_0034       | This procedure provides guidance to <i>Market</i><br><i>Participants</i> on the Real-time scheduling process<br>in the <i>IESO</i> -administered <i>physical markets</i> .   | 61.0  |

| Master<br>Document | Document Title  | Document<br>Number | Document Description   | Issue |
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| Market Manual      | Market Manual 4: Market Operations<br>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</i> Auction process.   | 21.0  |
| Market Manual      | Market Manual 4: Market Operations<br>Part 4.5: Market Suspension and<br>Resumption             | MDP_PRO_0030       | This procedure provides <i>market participants</i> with<br>the information necessary to respond to market<br>suspension, operate during the suspension and<br>support the subsequent resumption of normal<br>market operations.                              | 12.0  |
| Market Manual      | Market Manual 4: Market Operations<br>Part 4.6: Real-Time Generation Cost<br>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.  | 8.0   |
| Market Manual      | Market Manual 5: Settlements Part 5.0<br>Settlements Overview                                   | MDP_MAN_0005       | This manual provides <i>market participants</i> with an overview of the procedures contained in the <i>Settlements</i> Manual and the timelines for <i>IESO</i> and market participant actions related to those procedures.                                  | 13.0  |
| Market Manual      | Market Manual 5: Settlements Part 5.1:<br>Settlement Schedule and Payment<br>Calendars (SSPC's) | MDP_PRO_0031       | This procedure describes the annual publication<br>of the Settlement Schedule and Payments<br>Calendars (SSPCs) and the manner in which<br><i>market participants</i> may submit comments and<br>objections regarding draft versions of each SSPC.           | 10.0  |
| Market Manual      | Market Manual 5: Settlements Part 5.2:<br>Metering Data Processing                              | MDP_PRO_0032       | This procedure describes to <i>market participants metering data</i> processes for the purpose of <i>settlements</i> .   | 30.0  |
| Market Manual      | Market Manual 5: Settlements Part 5.3:<br>Submission of Physical Bilateral<br>Contract Data     | MDP_PRO_0034       | This procedure describes the activities required<br>for the submission of <i>physical bilateral contract</i><br><i>data</i> to the <i>IESO</i> by <i>selling market participants</i> for<br><i>settlement</i> purposes.                                      | 14.0  |
| Market Manual      | Market Manual 5: Settlements 5.4:<br>Prudential Support   | MDP_PRO_0045       | This procedure describes the activities to be<br>undertaken by the <i>IESO</i> and <i>Market Participants</i><br>to manage the <i>prudential support</i> required to<br>participate in the <i>real-time market</i> .   | 31.0  |
| Market Manual      | Market Manual 5: Settlements Part 5.5:<br>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</i> settlement statements and describes supporting information issued by the <i>IESO</i> .    | 83.0  |
| Market Manual      | Market Manual 5: Settlements Part 5.6:<br>Physical Markets Settlement Invoicing                 | MDP_PRO_0035       | This procedure provides information required by<br>the <i>IESO</i> and <i>market participants</i> to prepare and<br>process <i>settlement invoices</i> for the <i>physical</i><br><i>markets</i> administered by the <i>IESO</i> .                           | 16.0  |
| Market Manual      | Market Manual 5: Settlements Part 5.7:<br>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> .   | 18.0  |
| Market Manual      | Market Manual 5: Settlements Part 5.8:<br>Financial Market Settlement Invoicing                 | MDP_PRO_0047       | This procedure provides information required by<br>the <i>IESO</i> and <i>Market Participants</i> to prepare and<br>process <i>settlement invoices</i> for the financial<br>markets administered by the <i>IESO</i> .  | 16.0  |
| Market Manual      | Market Manual 5: Settlements Part 5.9:<br>Settlement Payment Methods and<br>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 settlement payments to the <i>IESO</i> and <i>IESO</i> settlement credits to <i>Market participants</i> . | 20.0  |

| Master<br>Document | Document Title  | Document<br>Number | Document Description  | Issue |
|--------------------|---|--------------------|---|-------|
| Market Manual      | Market Manual 6: Participant Technical<br>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>  | 38.0  |
| Market Manual      | Market Manual 7: System Operations<br>Part 7.1: System Operating Procedures   | MDP_PRO_0040       | This document provides procedures and<br>guidelines for <i>Market Participants</i> and <i>IESO</i> that<br>are required to ensure the <i>security</i> and <i>reliability</i><br>of the interconnected power system. It covers the<br>span from normal conditions to <i>emergency</i><br>conditions that are just less than a system-wide<br>shutdown. | 40.0  |
| Market Manual      | Market Manual 7: System Operations<br>Part 7.2: Near-Term Assessments and<br>Reports                                    | IMP_PRO_0033       | This procedure describes the process by which<br>the <i>IESO</i> undertakes short-term weekly and daily<br>forecasts and assessments of expected system<br>conditions on the <i>IESO-controlled grid</i> .  | 47.0  |
| Market Manual      | Market Manual 7: System Operations<br>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> .  | 44.0  |
| Market Manual      | Market Manual 7: Systems Operations<br>Part 7:4: IESO-Controlled Grid<br>Operating Policies                             | IMP_POL_0002       | This document provides policy statements for reliable operation of the <i>IESO</i> -Controlled grid.  | 40.0  |
| Market Manual      | Market Manual 7: Systems Operations<br>Part 7.6: Glossary of Standard<br>Operating Terms                                | IMP_GOT_0002       | This document provides a glossary of terms with definitions used in the System Operations Manual.   | 10.0  |
| Market Manual      | Market Manual 7: System Operations<br>Part 7.8: Ontario Power System<br>Restoration Plan                                | IMO_PLAN_0001      | This document provides the requirements,<br>procedures and guidelines to be followed by<br>those <i>Market Participants</i> that are Restoration<br>Participants and the <i>IESO</i> to support and<br>implement the Ontario Power System Restoration<br>Plan.  | 18.0  |
| Market Manual      | Market Manual 7: System Operations<br>Part 7.10: Ontario Electricity Emergency<br>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   | 11.0  |
| Market Manual      | Market Manual 9.0: Operating in the Day<br>Ahead Commitment Process   | IESO_MAN_0041      | This manual provides the operations and<br>settlement procedures related to the Day-Ahead<br>Commitment Process.  | 16.0  |
| Market Manual      | Market Manual 9.2: Submission of<br>Operational and Market Data for the<br>Day-Ahead Commitment Process                 | IESO_MAN_0077      | This document provides guidance to Market<br>Participants on the submission of dispatch data in<br>the Day-Ahead Energy and Operating Reserve<br>Markets.   | 12.0  |
| Market Manual      | Market manual 9.3: Operation of the<br>Day-Ahead Commitment Process   | IESO_MAN_0078      | This document provides guidance to Market<br>Participants on the operation of the Day-Ahead<br>Commitment Process.  | 11.0  |
| Market Manual      | Market Manual 9.4: Real-Time<br>Integration of the DACP   | IESO_MAN_0079      | This document provides guidance to Market<br>Participants on the submission of dispatch data in<br>the Real-Time Energy and Operating Reserve<br>Markets.   | 8.0   |
| Market Manual      | Market Manual 9.5: Settlement for the Day-Ahead Commitment Process  | IESO_MAN_0080      | This document provides guidance to Market<br>Participants on the procedures associated with<br>the interaction of the Day-Ahead Commitment<br>Process with Settlements.   | 9.0   |
| Market Manual      | Market Manual 11.0 Reliability<br>Compliance Part 11.0 Reliability<br>Compliance Monitoring and<br>Enforcement Overview | MAN-103            | This market manual is designed to provide market participants with an overview of the documents and processes applicable to monitoring and enforcing compliance with reliability standards in Ontario.  | 2.0   |

| Master<br>Document                 | Document Title   | Document<br>Number | <b>Document Description</b>   | Issue |
|------------------------------------|--|--------------------|---|-------|
| Market Manual                      | Market Manual 11.1 Applicability Criteria<br>for Compliance with NERC Reliability<br>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.  | 7.0   |
| Market Manual                      | Market Manual 11.2 Ontario Reliability<br>Compliance Program   | IESO_PRO_0874      | This <i>market manual</i> describes the Ontario<br>Reliability Compliance Program and the<br>associated processes and procedures, along with<br>the associated roles and responsibilities to<br>assess, monitor and report <i>reliability</i> compliance<br>to <i>reliability standards</i> .   | 5.0   |
| Market Manual                      | Market Manual 11.3 Reliability<br>Information Catalogue  | IESO_CAT_0011      | A catalogue of the information that is to be shared<br>between the <i>IESO</i> and <i>Market Participants</i> in<br>relation to maintaining the reliability of the <i>IESO-</i><br><i>controlled grid.</i>  | 8.0   |
| Market Manual                      | Market Manual 11.4 Ontario Bulk<br>Electric System (BES) Exception   | IESO_PRO_0875      | This procedure provides guidance to BES applicants on the Ontario-adapted NERC BES Exception procedure.   | 4.0   |
| Market Manual                      | Market Manual 11.5 Model Validation of<br>Generation and Energy Storage<br>Facilities and other devices                                | IESO_PRO_0876      | This procedure describes the verification and<br>reporting for <i>Generation</i> and <i>Energy Storage</i><br><i>Facilities</i> and other devices capability, models<br>and protection settings, intended to provide<br>current and accurate modeling information for<br><i>reliability</i> assessments of the Bulk Electric<br>System, the Bulk Power System and the <i>IESO</i> -<br><i>controlled grid</i> . | 4.0   |
| Market Manual                      | Market Manual 12.0 Capacity Auctions<br>Part 12.0 Capacity Auctions  | MAN-44             | This procedure provides guidance to <i>market participants</i> on the operation of the capacity auction process   | 12.0  |
| Market Manual                      | Market Manual 13.1 Capacity Export<br>Requests   | PRO-357            | This procedure provides information to market participants on the submission and <i>IESO</i> assessment of Capacity Export Requests.  | 4.0   |
| Connecting Forms<br>and Agreements | System Impact Assessment Application<br>(IESO)/ Customer Impact Assessment<br>Application (Hydro One SSM) for<br>Generation Facilities | FORM-21            | This form provides Hydro One Sault Ste. Marie<br>(Hydro One SSM) an application form for<br>Generation.   | 7.0   |
| Connecting Forms<br>and Agreements | System Impact Assessment Application<br>(IESO)/ Customer Impact Assessment<br>Application (Hydro One SSM) for Load<br>Facilities       | FORM-22            | This form provides Hydro One Sault Ste. Marie<br>(Hydro One SSM) an application form for Load.  | 7.0   |
| Reliability<br>Compliance          | NERC Reliability Standard EOP-003-2 -<br>Load Shedding Plans   | FORM-29            | This form is used to ensure each Transmission<br>Operator and Balancing Authority operating with<br>insufficient generation or transmission capacity<br>must have the capability and authority to shed<br>load rather than risk an uncontrolled failure of the<br>Interconnection.  | 1.0   |
| Reliability<br>Compliance          | NERC Reliability Standard IRO-001-1.1<br>- Reliability Coordination  | FORM-30            | This form is used to ensure Reliability<br>Coordinators have the authority, plans, and<br>agreements in place to immediately direct<br>reliability entities within their Reliability<br>Coordinator Areas to re-dispatch generation,<br>reconfigure transmission, or reduce load to<br>mitigate critical conditions to return the system to<br>a reliable state.  | 1.0   |
| Reliability<br>Compliance          | NERC Reliability Standard PER-001-<br>0.2 - Operating Personnel Responsibility<br>and Authority  | FORM-31            | This form is used to ensure each Transmission<br>Operator and Balancing Authority shall provide<br>operating personnel with the responsibility and<br>authority to implement real-time actions to ensure<br>the stable and reliable operation of the Bulk<br>Electric System.   | 1.0   |

| Master<br>Document  | Document Title  | Document<br>Number | <b>Document Description</b>   | Issue |
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| Reliability<br>Compliance                                 | ORCP Requirements NERC Reliability<br>Standard PER-005-1 – System<br>Personnel Training   | FORM-32            | To facilitate compliance monitoring of this NERC<br>standard, which was included on NERC'<br>Compliance Monitoring and Enforcement<br>Program (CMEP) list of actively monitored<br>standards.                         | 1.0   |
| Reliability<br>Compliance                                 | ORCP Requirements NERC Reliability<br>Standard PRC-006-1 – Automatic<br>Underfrequency Load Shedding  | FORM-33            | To facilitate compliance monitoring of this NERC<br>standard, included on NERC's Compliance<br>Monitoring and Enforcement Program (CMEP) list<br>of actively monitored standards.                                     | 1.0   |
| Reliability<br>Compliance                                 | Ontario Reliability Compliance Program<br>Requirements NERC Reliability<br>Standard TOP-001-1a – Reliability<br>Responsibilities and Authorities, | FORM-34            | To facilitate compliance monitoring of this NERC<br>standard, included on NERC's Compliance<br>Monitoring and Enforcement Program (CMEP) list<br>of actively monitored standards.                                     | 1.0   |
| Reliability<br>Compliance                                 | Ontario Reliability Compliance Program<br>Requirements NERC Reliability<br>Standard TOP-008-1 – Response to<br>Transmission Limit Violations,     | FORM-35            | To facilitate compliance monitoring of this NERC<br>standard, included on NERC's Compliance<br>Monitoring and Enforcement Program (CMEP) list<br>of actively monitored standards.                                     | 1.0   |
| Connecting Forms<br>and Agreements                        | Consent for Connect Cost Recovery<br>Agreement Status Request   | FORM-49            | Consent for Connection Cost Recovery<br>Agreement Status Request  | 2.0   |
| Reliability<br>Compliance                                 | Ontario Reliability Compliance Program<br>- Requirements Form, NERC Reliability<br>Standard: PRC-005-2(i) Protection<br>System Maintenance        | FORM-54            | NERC Reliability Standard: PRC-005-2(i)<br>Protection System Maintenance. form is used as<br>an attachment to the electronic Self Certifications<br>for Pool A participants through the Reliability<br>Compliance Too | 1.0   |
| Reliability<br>Compliance                                 | Active and Reactive Power Capability Verification   | FORM-56            | This form was created to assist Generators efficiently fulfil obligations under NERC MOD-25.  | 5.0   |
| Reliability<br>Compliance                                 | MOD-026 Verification of Models and<br>Data for Generator Excitation   | FORM-57            | This form was created to assist Generators efficiently fulfil obligations under NERC MOD-26   | 5.0   |
| Reliability<br>Compliance                                 | MOD-027 Verification of Models and<br>Data for Generator Turbine/Governor<br>and Load Control   | FORM-58            | This form was created to assist Generators efficiently fulfil obligations under NERC MOD-27   | 4.0   |
| Reliability<br>Compliance                                 | NERC Standard PRC-019: Coordination<br>of Generating Unit or Plant Capabilities,<br>Voltage Regulating Controls, and<br>Protection                | FORM-69            | This form was created to assist Generators<br>anticipate and fulfill requirements submissions for<br>NERC PRC-019.  | 4.0   |
| Reliability<br>Compliance                                 | Generator Frequency and Voltage<br>Protective Relay Settings, and Related<br>IESO Requirements  | FORM-70            | The purpose of this workbook is to provide a uniform format to demonstrate IESO Market Rules Appendix 4.2 requirements 1 and 3, or NERC PRC-024, are satisfied.   | 4.0   |
| Market<br>Assessment and<br>Compliance<br>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<br>and Agreements                          | Connection Facility Station Service Not<br>Metered by an RWM  | FORM-78            | This form will help <i>market participants</i> with the submission of the connection station service submission.  | 2.0   |
| Market Operations   | Application for Recognition of the<br>Assignment of Transmission Rights   | FORM-84            | This new form will be used by <i>Market Participants</i> to recognize the assignment of settlement amounts under a transmission right.  | 2.0   |
| Market Operations   | Agreement to Recognize the<br>Assignment of Settlement Amounts<br>Under a Transmission Right  | FORM-85            | This new form will be used by <i>Market Participants</i> to recognize the assignment of settlement amounts under a transmission right.  | 2.0   |

| Master<br>Document                                  | Document Title   | Document<br>Number | Document Description   | Issue |
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| Reliability<br>Compliance                           | Generator Relay Loadability -<br>Synchronous Type Generation   | FORM-90            | The purpose of this workbook is to provide a uniform format to demonstrate <i>IESO market mules</i> ch.5 section 14.1.3.4, or NERC PRC-025-2, are satisfied.   | 4.0   |
| Reliability<br>Compliance                           | PRC-025-2 Generator Relay Loadability<br>– Asynchronous Type Generation  | FORM-92            | The purpose of this workbook is to provide a uniform format to demonstrate <i>IESO market rules</i> ch.5 section 14.1.3.4, or NERC PRC-025-2, are satisfied.   | 3.0   |
| Reliability<br>Compliance                           | Verification of FACTS Voltage<br>Regulating Devices  | FORM-107           | This new workbook to submit FACTS voltage regulating devices for verification.   | 1.0   |
| Reliability<br>Compliance                           | Verification of Synchronous Condenser<br>Control System or Control Functions   | FORM-108           | This new workbook to submit Synchronous condenser control system or control functions for verification.  | 1.0   |
| Technical Interface<br>Document                     | Revenue Metering Reports –<br>Implementation Guide for EDI-867<br>Meter Data   | GDE-139            | This document describes the implementation to<br>be used for the Ontario electric meter read data<br>transfer and is based on the EDI-867<br>implementations in use in other jurisdictions.                                    | 2.0   |
| Technical Interface<br>Document                     | Revenue Metering Reports – Importing<br>and Reading the IESO EDI-867 Meter<br>Data File  | GDE-140            | This document describes how to import and read the IESO EDI-867 Meter Data File  | 3.0   |
| Emergency<br>Preparedness                           | Ontario Pandemic Influenza Plan for<br>Continuity of Electricity Operations<br>Planning Guide  | GDE-162            | This planning guide provides a common planning,<br>mitigation and response framework to assure the<br>continued reliability of Ontario's electricity system<br>through an influenza (or other infectious disease)<br>pandemic. | 5.0   |
| Technical Interface<br>Document                     | Loss Equations - Administration of<br>Losses   | GDE-184            | This document describes how loss equations (fixed loss factors and loss coefficients) are applied to specific service points within the <i>IESO's</i> Meter Data Management (MDM) system.                                      | 3.0   |
| Market<br>Administration                            | Quick Take: Interim Market Document<br>Change (IMDC)   | GDE-280            | This Quick Take describes how and when an IMDC is used by the <i>IESO</i> when introducing changes to market documents between scheduled quarterly baseline publications dates.  | 3.0   |
| Connecting Forms<br>and Agreements                  | Cost Recovery Agreement  | IESO_AGR_0022      | Cost Recovery Agreement for Requests for<br>Connection Assessments that do not Require a<br>Formal Connection Assessment and Approval<br>Study – Expedited System Impact Assessment  | 6.0   |
| Connecting Forms and Agreements                     | TFE Cost Recovery Agreement  | IESO_AGR_0023      | Initial Release, written to correspond with Ontario<br>Technical Feasibility Exception Procedure   | 5.0   |
| Reliability<br>Compliance                           | IESO Reliability Compliance Program -<br>Requirement Form – NPCC Directory #8<br>– Section 5.7, OPSRP – Section 12, Key<br>Facility Critical Component Testing |                    | Key Facilities/Critical Components List  | 2.0   |
| Market<br>Administration<br>Forms and<br>Agreements | Request To Transfer Exemption  | IESO_FORM_1603     | Request To Transfer Exemption form   | 2.0   |
| Reliability<br>Compliance                           | Ontario Reliability Compliance Program<br>Requirements Form - Emergency<br>Preparedness Plan   | IESO_FORM_1608     | Ontario Reliability Compliance Program<br>Requirements Form - Emergency Preparedness<br>Plan is used to self-certify compliance with<br>Ontario emergency planning and recovery <i>market</i><br><i>rules</i> .                | 9.0   |

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| Reliability<br>Compliance | IESO Reliability Compliance Program –<br>Program Certification Form NERC<br>Reliability Standard EOP-005<br>Emergency Restoration Planning                             | IESO_FORM_1609     | <i>IESO</i> Reliability Compliance Program<br>Requirements Form – Emergency Restoration<br>Planning is used to self-certify compliance with<br>Ontario emergency planning and recovery <i>market</i><br><i>rules</i> . | 11.0  |
| Reliability<br>Compliance | Ontario Reliability Compliance Program<br>- Requirements Form - NERC Reliability<br>Standard CIP-001-2aSabotage<br>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<br>Compliance | IESO Reliability Compliance Program<br>Certification Form NERC Reliability<br>Standard PER-002 Operating Personnel<br>Training   | IESO_FORM_1611     | <i>IESO</i> Reliability Compliance Program<br>Certification Form NERC Reliability Standard<br>PER-002 Operating Personnel Training   | 2.0   |
| Reliability<br>Compliance | Ontario Reliability Compliance Program<br>Requirements NERC Reliability<br>Standard PER-003-1 Operating<br>Personnel Credentials                                       | IESO_FORM_1612     | To facilitate compliance monitoring of this NERC<br>standard, included on NERC's Compliance<br>Monitoring and Enforcement Program (CMEP) list<br>of actively monitored standards.                                      | 2.0   |
| Reliability<br>Compliance | Ontario Reliability Compliance Program<br>Requirements Form – NERC Reliability<br>Standard - FAC-008-1, Facility Ratings<br>Methodology                                | IESO_FORM_1623     | Facility Ratings Methodology   | 6.0   |
| Reliability<br>Compliance | Ontario Reliability Compliance Program<br>- Requirements Form - NERC Reliability<br>Standard - FAC-009-1, Establish and<br>Communicate Facility Ratings                | IESO_FORM_1624     | Establish and Communicate Facility Ratings   | 6.0   |
| Reliability<br>Compliance | IESO Reliability Compliance Program -<br>Certification Form NERC Reliability<br>Standard: MOD-010-0 Steady-state<br>System Modeling Data                               | IESO_FORM_1632     | Steady-state System Modeling Data  | 2.0   |
| Reliability<br>Compliance | IESO Reliability Compliance Program -<br>Certification Form NERC Reliability<br>Standard: MOD-012-0 Dynamic<br>Modeling Data   | IESO_FORM_1633     | Dynamic Modeling Data  | 2.0   |
| Reliability<br>Compliance | IESO Reliability Compliance Program<br>Certification Form - Verification of<br>Generator Gross and Net Real Power<br>Capability  | IESO_FORM_1635     | Verification of Generator Gross and Net Real and Reactive Power Capability   | 3.0   |
| Reliability<br>Compliance | IESO Reliability Compliance Program<br>Certification Form NERC Reliability<br>Standard MOD-025 Verification of<br>Generator Gross and Net Reactive<br>Power Capability | IESO_FORM_1636     | Verification of Generator Gross and Net Reactive<br>Power Capability   | 2.0   |
| Reliability<br>Compliance | Ontario Reliability Compliance Program<br>- Requirements Form - NERC Reliability<br>Standard PRC-001 – System Protection<br>Coordination                               | IESO_FORM_1637     | System Protection Coordination form is used to<br>self-certify that system protection is coordinated<br>among operating entities   | 6.0   |
| Reliability<br>Compliance | IESO Reliability Compliance Program<br>Certification Form NERC Reliability<br>Standard: PRC-015 Special Protection<br>System Data and Document                         | IESO_FORM_1640     | PRC-015 Special Protection System Data and Document  | 2.0   |
| Reliability<br>Compliance | Ontario Reliability Compliance Program<br>- Requirements Form NERC Reliability<br>Standard: TOP-002-2a and TOP-002-2b<br>Normal Operations Planning                    | IESO_FORM_1643     | Normal Operations Planning   | 5.0   |

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| Reliability<br>Compliance           | Ontario Reliability Compliance Program<br>- Requirements NERC Reliability<br>Standard TOP-006-2 Monitoring System<br>Conditions,                                 | IESO_FORM_1645     | To facilitate compliance monitoring of this NERC<br>standard, which was included on NERC's<br>Compliance Monitoring and Enforcement<br>Program (CMEP) list of actively monitored<br>standards  | 2.0   |
| Settlements Forms<br>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 <i>IESO</i> . This 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. | 4.0   |
| Metering Forms<br>and Agreements    | Acceptance of Compliance Aggregation<br>Model  | IESO_FORM_1660     | Acceptance of Compliance Aggregation Model   | 5.0   |
| Metering Forms<br>and Agreements    | Application to Retain Registration under<br>the Alternative Metering Installation<br>Standard  | IESO_FORM_1663     | Metered Market Participants can apply to retain registration under the alternative metering installation standard  | 1.0   |
| Metering Forms<br>and Agreements    | Acceptance of Meter Disaggregation<br>Model  | IESO_FORM_1665     | This is a new form that is referenced in Market<br>Manual 3: Metering Part 3.7: Totalization Table<br>Registration   | 4.0   |
| Reliability<br>Compliance           | Ontario Reliability Compliance Program<br>- Requirements Form - NERC Reliability<br>Standards: CIP-002-3 Cyber Security -<br>Critical Cyber Asset Identification | IESO_FORM_1694     | Critical Cyber Asset Identification is used to self-<br>certify compliance with the NERC requirement to<br>identify Critical Cyber Assets associated with the<br>Critical Assets that support the reliable operation<br>of the Bulk Electric System.   | 6.0   |
| Reliability<br>Compliance           | Ontario Reliability Compliance Program<br>- Requirements Form - NERC Reliability<br>Standards: CIP-003-3 Cyber Security -<br>Security Management Controls        | IESO_FORM_1695     | Security Management Controls is used to self-<br>certify that minimum security management<br>controls are in place to protect Critical Cyber<br>Assets.  | 6.0   |
| Reliability<br>Compliance           | Ontario Reliability Compliance Program<br>- Requirements Form - NERC Reliability<br>Standards: CIP-004-3 Cyber Security -<br>Personnel and Training              | IESO_FORM_1696     | Personnel and Training is used to self-certify that<br>personnel having authorized cyber or unescorted<br>physical access to Critical Cyber Assets,<br>including contractors and service vendors, have<br>an appropriate level of personnel risk<br>assessment, training, and security awareness.  | 7.0   |
| Reliability<br>Compliance           | Ontario Reliability Compliance Program<br>- Requirements Form - NERC Reliability<br>Standard: CIP-005-3a Cyber Security -<br>Electronic Security Perimeter(s)    | IESO_FORM_1697     | Electronic Security Perimeter(s) is used to self-<br>certify the identification and protection of the<br>Electronic Security Perimeter(s) inside which all<br>Critical Cyber Assets reside, as well as all access<br>points on the perimeter.  | 8.0   |
| Reliability<br>Compliance           | Ontario Reliability Compliance Program<br>- Requirements Form - NERC Reliability<br>Standard: CIP-006 Physical Security of<br>Critical Cyber Assets              | IESO_FORM_1698     | Physical Security of Critical Cyber Assets is to<br>self-certify compliance with the NERC<br>requirement to implement a physical security<br>program for the protection of Critical Cyber<br>Assets.   | 7.0   |
| Reliability<br>Compliance           | Ontario Reliability Compliance Program<br>- Requirements Form - NERC Reliability<br>Standard: CIP-007 Systems Security<br>Management                             | IESO_FORM_1699     | Systems Security Management is to self-certify<br>compliance with the NERC requirement for<br>Responsible Entities to define methods,<br>processes, and procedures for securing Critical<br>Cyber Assets and other Cyber Assets within the<br>Electronic Security Perimeter(s).  | 9.0   |

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| Reliability<br>Compliance                           | Ontario Reliability Compliance Program<br>- Requirements Form - NERC Reliability<br>Standard: CIP-008 Incident Reporting<br>and Response Planning   | IESO_FORM_1700     | Incident Reporting and Response Planning is to<br>self-certify compliance with the NERC<br>requirement to identify, classify, respond to and<br>report Cyber Security Incidents related to Critical<br>Cyber Assets.  | 5.0   |
| Reliability<br>Compliance                           | Ontario Reliability Compliance Program<br>- Requirements Form - NERC Reliability<br>Standard: CIP-009 Recovery Plans for<br>Critical Cyber Assets   | IESO_FORM_1701     | Recovery Plans for Critical Cyber Assets is to<br>self-certify compliance with the NERC<br>requirement to put in place recovery plans for<br>Critical Cyber Assets and that these plans follow<br>established business continuity and disaster<br>recovery techniques and practices.  | 6.0   |
| Reliability<br>Compliance                           | Ontario Reliability Compliance Program<br>- Requirements Form NERC Reliability<br>Standard: NUC-001-2 Nuclear Plant<br>Interface Coordination   | IESO_FORM_1704     | Nuclear Plant Interface Coordination  | 4.0   |
| Connecting Forms<br>and Agreements                  | Renewable Energy Generation Facility<br>Application to Request a Connection<br>Assessment for Hydro One   | IESO_FORM_1706     | Renewable Energy Generation Facility<br>Application to Request a Connection Assessment<br>for Hydro One   | 12.0  |
| Connecting Forms<br>and Agreements                  | Renewable Energy Generation Facility<br>Application to Request a Connection<br>Assessment for Hydro One SSM   | IESO_FORM_1707     | Renewable Energy Generation Facility<br>Application to Request a Connection Assessment<br>for Hydro One Sault Ste. Marie  | 11.0  |
| Market<br>Administration<br>Forms and<br>Agreements | NERC Critical Infrastructure Protection<br>Standards - Technical Feasibility<br>Exception Request and Material Change<br>Report Submission Form   | IESO_FORM_1717     | Technical Feasibility Exception Application   | 4.0   |
| Reliability<br>Compliance                           | IESO Reliability Compliance Program<br>Data Request Form - NPCC Directory<br>#12, Under frequency Load Shedding<br>Program Requirements Generator<br>Under frequency Protection<br>Requirements   | IESO_FORM_1718     | Generator Under frequency Protection<br>Requirements - applicable to all registered<br>Generators   | 8.0   |
| Reliability<br>Compliance                           | IESO Reliability Compliance Program –<br>Data Request Form, NPCC Directory<br>#12, Under frequency Load Shedding<br>Program Requirements Under<br>frequency Load Shedding Program<br>Requirements | IESO_FORM_1719     | Under frequency Load Shedding Program<br>Requirements - applicable to all registered<br>Distributors, Transmitters and Wholesale<br>Consumers   | 8.0   |
| Reliability<br>Compliance                           | Ontario Reliability Compliance Program<br>- Requirements Form NERC Reliability<br>Standard: PRC-023-1 Transmission<br>Relay Loadability   | IESO_FORM_1738     | Transmission Relay Loadability  | 4.0   |
| Reliability<br>Compliance                           | Ontario Reliability Compliance Program<br>- Requirements Form - NERC Reliability<br>Standard: COM-002-2 - Communication<br>and Coordination   | IESO_FORM_1747     | Communication and Coordination is used to<br>ensure Balancing Authorities, Transmission<br>Operators, and Generator Operators have<br>adequate communications and that these<br>communications capabilities are staffed and<br>available for addressing a real-time emergency<br>condition.   | 3.0   |
| Reliability<br>Compliance                           | Ontario Reliability Compliance Program<br>– Requirements Form – NERC<br>Reliability Standard: PRC-0170-0 –<br>Special Protection System Maintenance<br>and Testing                                | IESO_FORM_1748     | Special Protection System Maintenance and<br>Testing is used to ensure that all Special<br>Protection Systems (SPS) are properly designed,<br>meet performance requirements, and are<br>coordinated with other protection systems.  | 3.0   |
| Reliability<br>Compliance                           | Ontario Reliability Compliance Program<br>– Requirements Form-NERC Reliability<br>Standard: IRO-005-2a and IRO-005-3a-<br>Reliability Coordination – Current day<br>Operations                    | IESO_FORM_1749     | Current Day Operations is used facilitate<br>compliance monitoring of NERC standard IRO-<br>005-3a and IRO-005-3.1a - Reliability<br>Coordination - Current Day Operations, which<br>was included on NERC's Compliance Monitoring<br>and Enforcement Program (CMEP) list of actively<br>monitored standards. (v3.0 wasn't published because<br>standard is not being asked for certification as per NPCC's<br>schedule change). | 4.0   |

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| Reliability<br>Compliance | Ontario Reliability Compliance Program<br>- Requirements Form - NERC Reliability<br>Standard: EOP-001-0 and EOP-001-0b -<br>Emergency Operations Planning                                   | IESO_FORM_1750     | Emergency Operations Planning is used to<br>facilitate compliance monitoring of NERC<br>standard EOP-001-0b and EOP-001-0.1b<br>Emergency Operations Planning, which was<br>included on NERC's Compliance Monitoring and<br>Enforcement Program (CMEP) list of actively<br>monitored standards.   | 5.0   |
| Reliability<br>Compliance | Ontario Reliability Compliance Program<br>- Requirements Form - NERC Reliability<br>Standard: COM-001-1.1 –<br>Telecommunications   | IESO_FORM_1751     | Telecommunications is used to self-certify<br>compliance with the NERC standard to have<br>adequate and reliable telecommunications<br>facilities internally and with others for the<br>exchange of Interconnection and operating<br>information necessary to maintain reliability.   | 3.0   |
| Reliability<br>Compliance | Ontario Reliability Compliance Program<br>- Requirements Form - NERC Reliability<br>Standard: EOP-005-1 - System<br>Restoration Plans   | IESO_FORM_1752     | System Restoration Plans is used to facilitate<br>compliance monitoring of NERC standard EOP-<br>005-1 - System Restoration Plans, which was<br>included on NERC's Compliance Monitoring and<br>Enforcement Program (CMEP) list of actively<br>monitored standards. (v3.0 wasn't published because<br>standard is not being asked for certification as per NPCC's<br>schedule change).  | 4.0   |
| Reliability<br>Compliance | Ontario Reliability Compliance Program<br>- Requirements Form - NERC Reliability<br>Standard: EOP-008-0 - Plans for Loss of<br>Control Center Functionality                                 | IESO_FORM_1753     | Plans for Loss of Control Center Functionality is<br>used to facilitate compliance monitoring of NERC<br>standard EOP-008-0 - Plans for Loss of Control<br>Center Functionality, which was included on<br>NERC's Compliance Monitoring and Enforcement<br>Program (CMEP) list of actively monitored<br>standards. (v3.0 wasn't published because standard is not<br>being asked for certification as per NPCC's schedule change). | 4.0   |
| Reliability<br>Compliance | Ontario Reliability Compliance Program<br>Requirements Form – Market Rules:<br>Chapter 4 – Appendix 4.2, Category 1:<br>Off-Nominal Frequency and Category 2:<br>Speed/Frequency Regulation | IESO_FORM_1754     | This form was developed to facilitate compliance<br>monitoring of the <i>Market Rules</i> including<br>monitored requirements prior to certification.<br>Category 1: Off-Nominal Frequency and Category<br>2: Speed/Frequency.  | 2.0   |
| Reliability<br>Compliance | Ontario Bulk Electric System (BES)<br>Exception Request and Detailed<br>Information form  | IESO_FORM_1757     | Form provides initial application information in<br>support of market participants' exception request<br>from the application of the BES definition to their<br>application of the BES definition to their<br>applicable facilities.  | 3.0   |
| Reliability<br>Compliance | Ontario Reliability Compliance Program<br>- Requirements Form - NERC Reliability<br>Standard: IRO-004-2 Reliability<br>Coordination - Operations Planning                                   | IESO_FORM_1759     | Form is used to self-certify compliance with the<br>NERC requirement for the Reliability Coordinator<br>to conduct next-day reliability analyses to ensure<br>the Bulk Electric System can be operated reliably<br>in anticipated normal and Contingency conditions   | 2.0   |
| Reliability<br>Compliance | Ontario Reliability Compliance Program<br>- Requirements Form - NERC Reliability<br>Standard: PER-002-0 Operating<br>Personnel Training   | IESO_FORM_1760     | Form is used to self-certify that each<br>Transmission Operator and Balancing Authority<br>provides personnel with a coordinated training<br>program that will ensure reliable system<br>operation.   | 2.0   |
| Reliability<br>Compliance | NERC Reliability Standard PRC-005-1a<br>'Transmission and Generation<br>Protection System Maintenance and<br>Testing'   | IESO_FORM_1761     | Testing' is used to self-certify compliance with the<br>NERC standard to ensure all transmission and<br>generation protection systems affecting the<br>reliability of the Bulk Electric System (BES) are<br>maintained and tested   | 5.0   |
| Reliability<br>Compliance | NERC Reliability Standard PRC-008-0<br>'Implementation and Documentation of<br>Underfrequency Load Shedding<br>Equipment Maintenance Program'   | IESO_FORM_1762     | Form is used to self-certify compliance with the<br>NERC standard to provide last resort system<br>preservation measures by implementing an<br>underfrequency load shedding program   | 2.0   |

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| Reliability<br>Compliance           | NERC Reliability Standard PRC-011-0<br>Undervoltage Load Shedding System<br>Maintenance and Testing  | IESO_FORM_1763     | Form is used to self-certify compliance with the<br>NERC standard to provide system preservation<br>measures in an attempt to prevent system voltage<br>collapse or voltage instability by implementing an<br>undervoltage load shedding program  | 2.0   |
| Reliability<br>Compliance           | NERC Reliability Standard: TOP-004-2<br>Transmission Operations  | IESO_FORM_1764     | Form is used to self-certify compliance with the<br>NERC standard to ensure that the transmission<br>system is operated so that instability, uncontrolled<br>separation, or cascading outages will not occur as<br>a result of the most severe single contingency<br>and specified multiple contingencies.                                      |       |
| Reliability<br>Compliance           | NERC Reliability Standard VAR-001-1<br>and VAR-001-2 Voltage and Reactive<br>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<br>Compliance           | Ontario Reliability Compliance Program<br>- Requirement Form - NERC Reliability<br>Standard: MOD-010-0 Steady-State<br>Data for Modeling and Simulation of the<br>Interconnected Transmission System   | IESO_FORM_1766     | Steady-State Data for Modeling and Simulation of<br>the Interconnected Transmission System is used<br>to self-certify compliance with the NERC standard<br>to establish consistent data requirements,<br>reporting procedures, and system models to be<br>used in the analysis of the reliability of the<br>interconnected transmission system. |       |
| Reliability<br>Compliance           | Ontario Reliability Compliance Program<br>- Requirements Form - NERC Reliability<br>Standard: MOD-012-0 Dynamics Data<br>for Modeling and Simulation of the<br>Interconnected Transmission System  | IESO_FORM_1767     | Dynamics Data for Modeling and Simulation of<br>the Interconnected Transmission System is used<br>to self-certify compliance with the NERC standard<br>to establish consistent data requirements,<br>reporting procedures, and system models to be<br>used in the analysis of the reliability of the<br>interconnected transmission system.     | 2.0   |
| Reliability<br>Compliance           | Ontario Reliability Compliance Program<br>- Requirements Form - NERC Reliability<br>Standard: PRC-007-0 Assuring<br>Consistency of Entity Underfrequency<br>Load Shedding Programs with Regional<br>Reliability Organization's<br>Underfrequency Load Shedding<br>Program Requirements | IESO_FORM_1768     | Underfrequency Load Shedding Programs with<br>Regional Reliability Organization's<br>Underfrequency Load Shedding Program<br>Requirements is used to self-certify compliance<br>with the NERC requirement to provide last resort<br>system preservation measure by implementing an<br>Under Frequency Load Shedding Program.                    | 2.0   |
| Reliability<br>Compliance           | Ontario Reliability Compliance Program<br>- Requirements Form - NERC Reliability<br>Standard: PRC-021-1 Under-Voltage<br>Load Shedding Program Data  |                    | Under-Voltage Load Shedding Program Data is<br>used to self-certify compliance with the NERC<br>requirement to ensure data is provided to support<br>the regional database maintained for Under-<br>Voltage Load Shedding programs.   | 2.0   |
| Settlements Forms<br>and Agreements | Annual Review of Price Basis for<br>Determining Prudential Support<br>Obligations.   | IESO_GDE_0228      | Annual review of price basis for determining <i>prudential support</i> obligations, April of each year.   | 9.0   |
| Technical Interface<br>Document     | XML A Quick Primer   | IESO_GDL_0028      | This document provides participants with a simple<br>overview of XML Reporting  | 3.0   |
| Technical Interface<br>Document     | Market Participant Client Platform<br>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<br>Bulletin             | Maintaining the Reliability of Supply to<br>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.  | 2.0   |

| Master<br>Document                                  | Document Title  | Document<br>Number | Document Description  | Issue |
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| Technical Interface<br>Document                     | Meter Trouble Report Data Transfer for<br>Metered Market Participant                    | IESO_REP_0259      | Report description for MTR Data Transfer for MMP  | 1.0   |
| Technical Interface<br>Document                     | Meter Trouble Report Data Transfer for<br>Metered Market Participant Refresh<br>Version | IESO_REP_0260      | Report description for MTR Data Transfer for MMP - monthly  | 1.0   |
| Technical Interface<br>Document                     | Meter Trouble Report Data Transfer for<br>Meter Service Provider                        | IESO_REP_0261      | Report description for MTR Data Transfer for MSP  | 1.0   |
| Technical Interface<br>Document                     | Meter Trouble Report Data Transfer for<br>Meter Service Provider Refresh Version        | IESO_REP_0262      | Report description for MTR Data Transfer for MSP - monthly  | 1.0   |
| Technical Interface<br>Document                     | 5-MIN Dispatch Constrained Energy<br>Market Information Report                          | IESO_TPL_0033      | This 5-Minute Dispatch Schedule Report contains<br>preliminary information on facility dispatch<br>schedules for a particular 5-minute scheduling<br>interval. These schedules are subject to change. | 1.0   |
| Technical Interface<br>Document                     | 5-MIN Dispatch Constrained Operating<br>Reserve market Information Report               | IESO_TPL_0034      | Addition of DACP information  | 1.0   |
| Technical Interface<br>Document                     | Hourly Dispatch Constrained Energy<br>Market Information Report                         | IESO_TPL_0035      | Addition of DACP information  | 1.0   |
| Technical Interface<br>Document                     | Hourly Dispatch Constrained Operating<br>Reserve Market Information Report              | IESO_TPL_0036      | Addition of DACP information  | 1.0   |
| Technical Interface<br>Document                     | Hourly RTEM Predispatch Totals<br>Information Report                                    | IESO_TPL_0045      | Hourly RTEM Predispatch Totals Information Report   | 1.0   |
| Technical Interface<br>Document                     | Hourly RTEM Dispatch Totals   | IESO_TPL_0046      | Hourly RTEM Dispatch Totals Information Report  | 1.0   |
| Market<br>Administration<br>Forms and<br>Agreements | BES Exception Cost Recovery<br>Agreement  | IESO_TPL_0090      | This agreement describes the means for market participants to apply for 'Bulk Electric System (BES) Exceptions'.  | 2.0   |
| Settlements Forms and Agreements                    | Affidavit Regarding Reduction in<br>Prudential Support Obligations                      | IMO_AFF_0001       | Affidavit Regarding Reduction in Prudential<br>Support Obligations  | 2.0   |
| Metering Forms<br>and Agreements                    | Metering Service Provider Agreement   | IMO_AGR_0012       | This Application form will enable <i>Metering Service</i><br><i>Providers</i> to register with the <i>IESO</i> .  | 12.0  |
|   | Pledge of Cash and Treasury Bills<br>Agreement  | IMO_AGR_0013       | Pledge of Cash and Treasury Bills Agreement   | 3.0   |
| Market<br>Administration<br>Forms and<br>Agreements | Notice of Dispute   | IMO_FORM_1001      | Notice of Dispute form  | 11.0  |
| Market<br>Administration<br>Forms and<br>Agreements | Response to a Notice of Dispute   | IMO_FORM_1002      | Response to a Notice of Dispute form  | 8.0   |
| Market Entry<br>Forms and<br>Agreements             | IEEE TYPE DC2 Excitation System   | IMO_FORM_1014      | IEEE TYPE DC2 Excitation System form  | 1.3   |
| Metering Forms<br>and Agreements                    | Alternative Metering Installation<br>Standard Checklist                                 | IMO_FORM_1042      | Alternative Metering Installation Standard<br>Checklist form  | 8.0   |
| Metering Forms<br>and Agreements                    | Conceptual Drawing Review Submission<br>Form  | IMO_FORM_1043      | Conceptual Drawing Review Submission form   | 9.0   |

| Master<br>Document                                  | Document Title   | Document<br>Number | Document Description   | Issue |
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| Market<br>Administration<br>Forms and<br>Agreements | Technical Feasibility Study Application-<br>Load Facilities              | IMO_FORM_1052      | Connection Load Facilities form  | 8.0   |
| Market<br>Administration<br>Forms and<br>Agreements | Notification of Withdrawal   | IMO_FORM_1073      | Notification of Withdrawal form  | 8.0   |
| Market<br>Administration<br>Forms and<br>Agreements | Market Rule Amendment Proposal   | IMO_FORM_1087      | Market Rule Amendment Proposal form  | 13.0  |
| Market<br>Administration<br>Forms and<br>Agreements | Dispute Resolution Form for Written<br>Submissions for Arbitration       | IMO_FORM_1090      | Dispute Resolution form for Written Submissions for Arbitration  | 5.0   |
| Market<br>Administration<br>Forms and<br>Agreements | Dispute Resolution Form for Written<br>Reply Submissions for Arbitration | IMO_FORM_1091      | This form is intended to be used to file written<br>reply submissions and other materials to the<br>extent that the submissions and other materials of<br>another party raise new facts and/or issues that<br>could therefore not have been addressed in the<br>earlier submissions or materials filed by the<br>replying party. | 5.0   |
| Market<br>Administration<br>Forms and<br>Agreements | Dispute Resolution Leave to Intervene                                    | IMO_FORM_1092      | Dispute Resolution Leave to Intervene form   | 5.0   |
| Market<br>Administration<br>Forms and<br>Agreements | Invoice for Costs of the Mediation or<br>Cost of the Arbitration         | IMO_FORM_1094      | Invoice for Costs of the Mediation or Costs of the Arbitration form  | 8.0   |
| Market<br>Administration<br>Forms and<br>Agreements | Notice of Intent to Dispense with<br>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.   | 7.0   |
| Market<br>Administration<br>Forms and<br>Agreements | Notice of Termination of Mediation                                       | IMO_FORM_1097      | Notice of Termination of Mediation form  | 8.0   |
| Market<br>Administration<br>Forms and<br>Agreements | IEEE Type 2 Excitation System  | IMO_FORM_1108      | IEEE Type 2 Excitation System form   | 1.3   |
| Market<br>Administration<br>Forms and<br>Agreements | IEEE Standard Governor   | IMO_FORM_1109      | IEEE Standard Governor form  | 1.3   |
| Market<br>Administration<br>Forms and<br>Agreements | Modified IEEE Type 1 Excitation System                                   | IMO_FORM_1110      | Modified IEEE Type 1 Excitation System form  | 1.3   |
| Market<br>Administration<br>Forms and<br>Agreements | Simplified Excitation System   | IMO_FORM_1112      | Simplified Excitation System form  | 1.3   |
| Settlements Forms<br>and Agreements                 | Notification of Prepayment   | IMO_FORM_1130      | Notification of Prepayment form  | 5.0   |

| Master<br>Document                                  | Document Title  | Document<br>Number | Document Description   | Issue |
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| Market<br>Administration<br>Forms and<br>Agreements | Technical Feasibility Study Application -<br>Ancillary Service Facilities                         | IMO_FORM_1174      | Ancillary Services Facilities form   | 7.0   |
| Metering Forms<br>and Agreements                    | Conforming Meter List Application   | IMO_FORM_1179      | Conforming Meter List Application form   | 7.0   |
| Market<br>Administration<br>Forms and<br>Agreements | Generator Information Submittal Form<br>for Reliability Assessments                               | IMO_FORM_1230      | Generator Information Submittal Form for Reliability Assessments   | 11.0  |
| Market Entry<br>Forms and<br>Agreements             | Application for Withdrawal  | IMO_FORM_1242      | Application for Withdrawal form  | 8.0   |
| Market Entry<br>Forms and<br>Agreements             | Non-Compliance Event Report   | IMO_FORM_1253      | Non-Compliance Event Report  | 7.0   |
| Metering Forms<br>and Agreements                    | Confirmation of Engineering Unit Report (Type A)  | IMO_FORM_1293      | Confirmation of Engineering Unit Report (Type A) form  | 5.0   |
| System<br>Operations                                | Outage Requirement Letter   | IMO_FORM_1296      | Outage Requirement Letter  | 3.0   |
| Metering Forms<br>and Agreements                    | Totalization Table Form   | IMO_FORM_1310      | Totalization Table Form  | 5.0   |
| Market<br>Administration<br>Forms and<br>Agreements | Market Participant Request/Comments<br>for Amendment to the Market<br>Surveillance Data Catalogue | IMO_FORM_1321      | Market Participant Request for Market<br>Surveillance Data/Information form  | 3.0   |
| System<br>Operations Forms<br>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<br>and Agreements                    | Change of MSP Registration Details  | IMO_FORM_1358      | Change of MSP Registration Details form  | 5.0   |
| Market Operations<br>Forms and<br>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<br>Forms and<br>Agreements        | Notice of Revocation of Transmission<br>Rights  | IMO_FORM_1374      | Notice of Revocation of Transmission Rights form   | 7.0   |
| Market<br>Administration<br>Forms and<br>Agreements | Technical Feasibility Study Application-<br>Generation Facilities                                 | IMO_FORM_1380      | Supporting Documentation- Generation Facilities form   | 7.0   |
| Market<br>Administration<br>Forms and<br>Agreements | Technical Feasibility Study Application-<br>Transmissions Facilities                              | IMO_FORM_1381      | Transmission Facilities form   | 8.0   |
| Metering Forms<br>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<br>Forms and<br>Agreements        | Additional Compensation During<br>Administrative Pricing  | IMO_FORM_1398      | Market Suspension Additional Credit form   | 6.0   |
| Market<br>Administration<br>Forms and<br>Agreements | Project Status Report   | IMO_FORM_1399      | Project Status Report  | 9.0   |

| Master<br>Document                                  | Document Title  | Document<br>Number | Document Description   | Issue |
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| Metering Forms<br>and Agreements                    | Meter Read Reconciliation Form and<br>Instrument Transformer Spot Check<br>Form                                   | IMO_FORM_1411      | Meter Read Reconciliation Form and Instrument<br>Transformer Spot Check Form   | 4.0   |
| Market<br>Administration<br>Forms and<br>Agreements | Exemption Application   | IMO_FORM_1413      | Exemption Application form   | 6.0   |
| Market<br>Administration<br>Forms and<br>Agreements | Exemption Applicant Comments on<br>IESO Staff Recommendation  | IMO_FORM_1415      | Exemption Applicant Comments on IESO Staff<br>Recommendation form  | 4.0   |
| Market<br>Administration<br>Forms and<br>Agreements | Exemption Applicant or IESO Staff<br>Comments on Third Party Submission   | IMO_FORM_1418      | Exemption Applicant or <i>IESO</i> Staff Comments on Third Party Submission form                                     | 5.0   |
| Settlements Forms<br>and Agreements                 | Application for Designation of a Facility<br>for Generation Station Service Rebate                                | IMO_FORM_1419      | Application for Designation of a Facility for<br>Generation Station Service Rebate form                              | 4.0   |
| Market<br>Administration<br>Forms and<br>Agreements | Response to Notice of Possible Local<br>Market Power Abuse  | IMO_FORM_1440      | Response to Notice of Possible Local Market<br>Power Abuse form  | 5.0   |
| Market<br>Administration<br>Forms and<br>Agreements | Request for a Local Market Power<br>Inquiry   | IMO_FORM_1442      | Request for a Local Market Power Inquiry form  | 5.0   |
| Market<br>Administration<br>Forms and<br>Agreements | Response to a Crossclaim or<br>Counterclaim   | IMO_FORM_1446      | Response to a Crossclaim or Counterclaim form  | 8.0   |
| Market<br>Administration<br>Forms and<br>Agreements | Data Catalogue Submission Form  | IMO_FORM_1449      | Data Catalogue Submission Form   | 4.0   |
| Market<br>Administration<br>Forms and<br>Agreements | Submission of Information Requested for a Local Market Power Inquiry  | IMO_FORM_1455      | Submission of Information Requested for a Local<br>Market Power Inquiry form   | 4.0   |
| Metering Forms<br>and Agreements                    | Notification of Power Switching Form  | IMO_FORM_1464      | Notification of Power Switching Form   | 4.0   |
| Market<br>Administration<br>Forms and<br>Agreements | Market Rule Amendment Submission  | IMO_FORM_1466      | Market Rule Amendment Submission form  | 9.0   |
| Metering Forms<br>and Agreements                    | Acceptance Letter for Conforming Meter List   | IMO_FORM_1470      | Acceptance Letter for Conforming Meter List  | 3.0   |
| Market<br>Administration<br>Forms and<br>Agreements | Market Rule Interpretation Bulletin   | IMO_FORM_1473      | Market Rule Interpretation Bulletin  | 5.0   |
| Market<br>Administration<br>Forms and<br>Agreements | Plans for New, Modified or Retiring<br>Transmission Facilities Information<br>Submittal Form for 18-Month Outlook | IMO_FORM_1484      | Plans for New, or Modified or Retiring<br>Transmission Facilities Information Submittal<br>Form for 18-Month Outlook | 9.0   |
| Metering Forms<br>and Agreements                    | MIRT Update Form  | IMO_FORM_1488      | MIRT Update Form   | 4.0   |

| Master<br>Document                                  | Document Title   | Document<br>Number | Document Description   | Issue |
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| Market<br>Administration<br>Forms and<br>Agreements | Plans for New, Modified or Retiring<br>Transmission Facilities Information<br>Submittal Form for Reliability<br>Assessments  | IMO_FORM_1494      | Plans for New, Modified or Retiring Transmission<br>Facilities Information Submittal Form for<br>Reliability Assessments   | 9.0   |
| Market Entry<br>Forms and<br>Agreements             | Declaration of Designated Consumer   | IMO_FORM_1507      | Declaration of Designated Consumer form  | 7.0   |
| Reliability<br>Compliance                           | IESO Reliability Compliance Program -<br>Certification Form - Section 5.2 - Under<br>Frequency Load Shedding Program -<br>Eastern Interconnection specific<br>Requirements   | IMO_FORM_1518      | Automatic Under Frequency Load Shedding -<br>Eastern Interconnection specific Requirements   | 7.0   |
| Reliability<br>Compliance                           | IESO Reliability Compliance Program<br>Certification Form Standard Authority<br>Template: NPCC RCEP A4-1 ICG<br>Protection System Maintenance  | IMO_FORM_1521      | Protection System Maintenance  | 4.0   |
| Reliability<br>Compliance                           | Ontario Reliability Compliance Program<br>Requirements Form - NERC Reliability<br>Standard: PRC-004-1 and PRC-004-1a<br>Analysis and Mitigation of Transmission<br>and Generation Protection System<br>Misoperations | IMO_FORM_1522      | Analysis and Mitigation of Transmission and<br>Generation Protection System Misoperations is<br>used to self-certify compliance with the NERC<br>standard to ensure all transmission and<br>generation Protection System Misoperations<br>affecting the reliability of the Bulk Electric System<br>(BES) are analyzed and mitigated. | 10.0  |
| Reliability<br>Compliance                           | NERC Standard PRC-004 – Analysis<br>and Mitigation of Transmission and<br>Generation Protection System<br>Misoperations Reporting Form   | IMO_FORM_1523      | Analysis and Mitigation of Transmission and<br>Generation Protection System Misoperations<br>Reporting Form  | 1.0   |
| Reliability<br>Compliance                           | IMO Reliability Compliance Program<br>Certification Form Standard Authority<br>Template: I.F.S1.M2 - Disturbance<br>Monitoring Equipment   | IMO_FORM_1524      | Disturbance Monitoring Equipment   | 1.0   |
| Reliability<br>Compliance                           | Ontario Reliability Compliance Program<br>Requirements Form - NERC Reliability<br>Standard: FAC-003-1 Transmission<br>Vegetation Management Program  | IMO_FORM_1526      | Form is used to self-certify compliance with the<br>NERC standard to prevent outages from<br>vegetation on transmission rights-of-way,<br>minimize outages from vegetation adjacent to<br>rights-of-way, maintaining clearances between<br>transmission lines and vegetation, and reporting<br>vegetation-related outages.           | 5.0   |
| Reliability<br>Compliance                           | Ontario Reliability Compliance Program<br>– Reporting Form NERC Reliability<br>Standard: FAC-003-1 Vegetation<br>Contact Incidents   | IMO_FORM_1527      | Certification Exception Form for Vegetation<br>Contact Incidents - form can be used to report<br>vegetation-related transmission outages.  | 6.0   |
| Reliability<br>Compliance                           | IESO Reliability Compliance Program -<br>Certification Form NERC Reliability<br>Standard PRC-016-0 SPS ( Operation<br>Performance  | IMO_FORM_1531      | SPS Operation Performance  | 5.0   |
| Reliability<br>Compliance                           | Ontario Reliability Compliance Program<br>- Requirements Form NERC Reliability<br>Standard: EOP-009-0, Documentation of<br>Blackstart Generating Unit Test Results   | IMO_FORM_1532      | Documentation of Black Start Generating Unit<br>Test Results is used to self-certify compliance<br>with the NERC requirement to ensure that the<br>quantity and location of system Blackstart<br>generators are sufficient and that they can<br>perform their expected Restoration Plans.  | 5.0   |
| Market<br>Administration<br>Forms and<br>Agreements | System Impact Assessment Application<br>(IESO)/ Customer Impact Assessment<br>Application (Hydro One) for Generation<br>Facilities   | IMO_FORM_1536      | System Impact Assessment Application -<br>Generation Facilities form   | 13.0  |

| Master<br>Document                           | Document Title   | Document<br>Number | Document Description  | Issue |
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| Connecting Forms<br>and Agreements           | System Impact Assessment Application<br>- Transmission Facilities  | IMO_FORM_1537      | System Impact Assessment Application -<br>Transmission Facilities form  | 10.0  |
| Connecting Forms<br>and Agreements           | System Impact Assessment Application<br>(IESO)/Customer Impact Assessment<br>Application (Hydro One) for Load<br>Facilities  | IMO_FORM_1538      | System Impact Assessment Application - Load<br>Facilities form  | 12.0  |
| Connecting Forms<br>and Agreements           | System Impact Assessment Application<br>- Ancillary Service Facilities   | IMO_FORM_1539      | System Impact Assessment Application -<br>Ancillary Service Facilities form   | 7.0   |
| Connecting Forms<br>and Agreements           | Transmission Rights Certification as an<br>Eligible Commercial Entity  | IMO_FORM_1540      | Transmission Rights Certification as an Eligible<br>Commercial Entity form  | 8.0   |
| Settlements Forms<br>and Agreements          | Administrative Pricing Event Correction  | IMO_FORM_1549      | Administrative Pricing Event Correction- form   | 8.0   |
| Metering Forms<br>and Agreements             | Embedded Generation Facility - Not a<br>Metered Market Participant   | IMO_FORM_1563      | Embedded Generation Facility - Not a Metered<br>Market Participant  | 5.0   |
| Reliability<br>Compliance                    | Ontario Reliability Compliance Program<br>- Requirements Form NERC Reliability<br>Standard: VAR-002-1.1b Generator<br>Operation for Maintaining Network<br>Voltage | IMO_FORM_1571      | Generator Operation for Maintaining Network<br>Voltage is used to self-certify compliance with<br>NERC requirements for generators to provide<br>reactive and voltage control necessary to ensure<br>that voltage levels, reactive flows, and reactive<br>resources are maintained within applicable<br>Facility Ratings to protect equipment and the<br>reliable operation of the interconnection. | 8.0   |
| Metering Forms<br>and Agreements             | Non Compliance Self Report Form for<br>Metered Market Participants   | IMO_FORM_1591      | Non Compliance Self Report Form for Metered<br>Market Participants  | 2.0   |
| System<br>Operations                         | Market Participant Emergency Plan<br>Guidelines & Requirements   | IMO_GDE_0001       | This document assists <i>market participants</i> in the preparation of their emergency preparedness plans (EPPs) and to meet the requirements outlined in the <i>Market Rules</i> .   | 3.0   |
| Technical Interface<br>Document              | Transmission Rights Auction System<br>Participant's Guide  | IMO_GDE_0004       | This document provides a description of the functionality of the <i>IESO</i> 's Transmission Rights Auction System which is available to those <i>market participants who</i> have registered to be <i>participants</i> .   | 9.0   |
| Market Operations<br>Forms and<br>Agreements | Guidelines for Additional Compensation<br>During Market Suspension   | IMO_GDL_0025       | This document is to be used to evaluate requests<br>for additional compensation for hours where<br>administrative pricing has been applied  | 3.0   |
| Information<br>Bulletin                      | Compliance with Dispatch Instructions<br>Issued to Dispatchable Facilities   | IMO_MKRI_0001      | This interpretation bulletin clarifies how the <i>IESO</i> assesses compliance with <i>dispatch</i> instructions and what are legitimate reasons for not complying with <i>dispatch</i> instructions.   | 7.0   |
| Settlements Forms<br>and Agreements          | List of Resources for Physical Bilateral<br>Contracts  | IMO_PBCL_0001      | Provides MPs with an updated list of resources.   | 21.0  |
| Connecting Forms<br>and Agreements           | Ontario Resource and Transmission<br>Assessment Criteria   | IMO_REQ_0041       | This document is to be used to evaluate long-<br>term system <i>adequacy</i> and <i>connection</i><br><i>assessments</i>  | 5.0   |
| Technical Interface<br>Document              | Multi Interval Optimization Functional<br>Requirements   | IMO_REQ_0048       | This document defines the functional<br>requirements and current settings for Multi-<br>Interval Optimization   | 3.0   |
| Technical Interface<br>Document              | Outbound Automated Document<br>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 <i>IESO</i>   | 8.0   |

| Master<br>Document                                  | Document Title  | Document<br>Number | Document Description  | Issue |
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| Market<br>Administration<br>Forms and<br>Agreements | Local Market Power Mitigation - Price<br>Screen Duration Factors            | IMO_STD_0007       | The price screens used for Local Market Power<br>Mitigation of Appendix 7.6 of <i>market rules</i> require<br>certain factors to be specified by the <i>IESO</i> . This<br>document identifies these factors.   | 1.0   |
| Technical Interface<br>Document                     | Predispatch Security Constraints Report                                     | IMO_TPL_0017       | This report contains a list of binding security<br>constraints for the predispatch run of the<br>algorithm  | 1.0   |
| Technical Interface<br>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   |
| Connecting Forms<br>and Agreements                  | Technical Feasibility Study Agreement                                       | IMP_AGR_0001       | Agreement between IESO and Connection<br>Applicant.   | 11.0  |
| Connecting Forms<br>and Agreements                  | System Impact Agreement   | IMP_AGR_0002       | System Impact Agreement   | 16.0  |
| Market<br>Administration<br>Forms and<br>Agreements | Confidentiality Agreement Mediation   | IMP_AGR_0005       | Confidentiality Agreement Mediation- Agreement between Market participant and the <i>IESO</i> .   | 3.0   |
| Technical Interface<br>Document                     | Meter Trouble Report - A Guide for<br>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<br>Document                     | The Applications Status Tool - A Users<br>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<br>and Agreements                 | Prudential Guarantee  | IMP_GRNT_0001      | Prudential Guarantee  | 7.0   |
| Settlements Forms<br>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</i> settlements process for <i>IESO-Administered</i> markets which are subject to a functional deferral and those that are NOT subject to a functional deferral. | 76.0  |
| Technical Interface<br>Document                     | Web Based Message Exchange Market<br>Participant's Guide                    | IMP_MAN_0031       | Web Based Message Exchange Market<br>Participant's Guide  | 6.0   |
| Technical Interface<br>Document                     | Transmission Tariff Peak System<br>Demand Data Report                       | IMP_REP_0016       | The Peak System <i>Demand</i> Data Report provides<br>the sum of the hourly measurements across all<br><i>delivery points</i> defined for transmission network<br>charges for each Trading Date / Hour in the<br>reporting month.                           | 6.0   |
| Technical Interface<br>Document                     | The Market Participant Invoice Report<br>Format                             | IMP_REP_0049       | This Technical Interface document describes the format of <i>market participants invoices</i> .   | 8.0   |
| Settlements Forms<br>and Agreements                 | Format Specifications for Settlement<br>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.  | 56.0  |
| Settlements Forms<br>and Agreements                 | File Format Specification for Participant<br>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<br>Document                     | File Format Specification for Transmitter<br>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   |

| Master<br>Document                 | Document Title   | Document<br>Number | Document Description  | Issue |
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| Technical Interface<br>Document    | File Format Specification for Transmitter<br>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.  | 7.0   |
| Connecting and<br>Agreements       | Participation Amending Agreement   | IMP_TPL_0006       | This document is a template for amending the<br>Participant Agreement.  | 5.0   |
| Connecting Forms<br>and Agreements | Participation Agreement  | MDP_AGR_0012       | Participation Agreement   | 22.0  |
| Rules and<br>Manuals               | Guide to Documents Published in<br>Baseline  | MDP_GDE_0002       | This guide details the documents published in the current baseline.   | 90.0  |
| Metering Forms<br>and Agreements   | Wholesale Revenue Metering Standard<br>- Hardware  | MDP_STD_0004       | This standard provides the principles,<br>accountabilities, and requirements for <i>metering</i><br><i>installations</i> used for <i>settlement</i> in the <i>IESO</i> -<br>administered wholesale market.  | 14.0  |
| Metering Forms<br>and Agreements   | Site-Specific Loss Adjustments:<br>Requirements for Adjustment of Meter<br>Readings for Site-Specific Losses in the<br>IMO-Administered Market | MDP_STD_0005       | This standard provides the principles,<br>accountabilities, and requirements for site-specific<br>loss adjustments used for <i>settlement</i> in the <i>IESO</i> -<br>administered wholesale market.  | 5.0   |
| Metering Forms<br>and Agreements   | Application Form for the Registration of<br>Metering Service Providers in the IESO-<br>Administered Market                                     | MSP_TPL_0001       | This Application Form will enable <i>Metering</i><br><i>Service Providers</i> to register with the <i>IESO</i> to<br>operate in the Wholesale Electricity Market  | 6.0   |
| Technical Interface<br>Document    | OCSS Web Service Design<br>Specification   | SPEC-113           | This document provides the design specification<br>for Outage Coordination and Scheduling System<br>(OCSS) web service.   | 2.0   |
| Technical Interface<br>Document    | File Format Specification for Capacity<br>Auction Data Files   | SPEC-142           | This file format specification deals with the data file Report that a CA Customer may receive.  | 2.0   |
| Technical Interface<br>Document    | Dispatch Service Web Service Design<br>Specifications  | SPEC-154           | This Design Specification provides <i>market</i><br><i>participants</i> with details of the Dispatch Service<br>Web Service and all its operations. The Dispatch<br>Service Web Service can be used by the market<br>participant for retrieving and responding to<br>Dispatch Instructions from the <i>IESO</i> .                   | 3.0   |
| Technical Interface<br>Document    | Dispatch Notification Service Web<br>Service Design Specifications   | SPEC-155           | This design specification provides <i>market participants</i> 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> . | 2.0   |
| Technical Interface<br>Document    | Retrofit API Specification   | SPEC-188           | The purpose of this document is to provide the design specification for the Retrofit System Application Programing Interface (API) web service.   | 2.0   |
| Technical Interface<br>Document    | Retrofit Service Provider API<br>Specification   | SPEC-232           | The purpose of this document is to provide design<br>specification for the Retrofit System's Service<br>Provider Application Programing Interface (API)<br>web service. (issued to Service Providers as<br>SPEC-225)  | 2.0   |
| Technical Interface<br>Document    | Automated Documents  | STD-2              | This document defines the standards applicable to the production of <i>IESO</i> automated documents.  | 2.0   |
|                                    |  |                    |   |       |

| Master<br>Document                 | Document Title   | Document<br>Number | Document Description  | Issue |
|------------------------------------|--|--------------------|---|-------|
| Connecting Forms<br>and Agreements | Asset Transfer Agreement   | TPL-3              | Asset Transfer Agreement  | 6.0   |
| Connecting Forms<br>and Agreements | Scope of Work for Renewable<br>Generation Facilities               | TPL-40             | Scope of Work for Renewable Generation<br>Facilities              | 2.0   |
|                                    | Scope of Work for Load and Non-<br>Renewable Generation Facilities | TPL-41             | Scope of Work for Load and Non-Renewable<br>Generation Facilities | 4.0   |

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