Public

SPECIFICATION



This Technical Interface document describes the format of settlement statement files and supporting data files.

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Related Documents

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|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

Market Transition

A.1.1 This *market manual* is part of the *renewed market rules,* which pertain to:

A.1.1.1 the period prior to a *market transition* insofar as the provisions are relevant and applicable to the rights and obligations of the *IESO* and *market participants* relating to preparation for participation in the *IESO administered markets* following commencement of *market transition;* and

A.1.1.2 the period following commencement of *market transition* in respect of all the rights and obligations of the *IESO* and *market participants.*

A.1.2 All references herein to chapters or provisions of the *market rules* or *market manuals* will be interpreted as, and deemed to be references to chapters and provisions of the *renewed market rules.*

A.1.3 Upon commencement of the *market transition*, the *legacy* *market rules* will be immediately revoked and only the *renewed market rules* will remain in force.

A.1.4 For certainty, the revocation of the *legacy* *market rules* upon commencement of *market transition* does not:

A.1.4.1 affect the previous operation of any *market rule* or *market manual* in effect prior to the *market transition*;

A.1.4.2 affect any right, privilege, obligation or liability that came into existence under the *market rules* or *market manuals* in effect prior to the *market transition*;

A.1.4.3 affect any breach, non-compliance, offense or violation committed under or relating to the *market rules* or *market manuals* in effect prior to the *market transition*, or any sanction or penalty incurred in connection with such breach, non-compliance, offense or violation; or

A.1.4.4 affect an investigation, proceeding or remedy in respect of:

(a) a right, privilege, obligation or liability described in subsection A.1.4.2; or

(b) a sanction or penalty described in subsection A.1.4.3.

A.1.5 An investigation, proceeding or remedy pertaining to any matter described in subsection A.1.4.3 may be commenced, continued or enforced, and any sanction or penalty may be imposed, as if the *legacy market rules* had not been revoked.

## Introduction

### Purpose

The *settlement statement* files contain the *settlement amounts* and supporting *settlement* data pertaining to each *charge type* applicable to a given *market participant*. The data contained in those files are generally related to a specific *trading day* or *billing period*, but it may also contain adjusted *settlement amounts* from prior *trading days* or *billing periods*. The *settlement statement* consists of various sections as follows:

* A *Header* sections which represents the metadata regarding the statement
* A *Change* section which will let the *market participant* know if the current statement has any adjustments from a previous statement for the same *trade days or billing periods.*
* A *Summary* section that aggregates all *settlement amounts* by *charge type*, *trading day* as well as any *adjustments* made between the latest previous settlement statement and the current statement for the same *trading day*.
* A *Details* sections that details all applicable charge type settlements generated by IESO’s Commercial Reconciliation System (CRS).

As a result, the purpose of this document is to communicate the format of these files which will be interest to virtually any *market participant* who is active in one or more of the *IESO-administered markets.*

### Scope

This document specifically covers the file structures of a “*settlement statement* file” and supporting “data file” which constitute a complete *settlement statement* for the physical and *financial IESO-administered markets*, as described in the *IESO* “Market Rules.” This scope is further illustrated in Figure 1.1.

### Who Should Use This Document

This document is intended for *market participants* and any other party that may be interested in the format of *settlement statement* files and/or supporting data files.

### Conventions

Formal definitions of italicized terms in this document may be found in MR Ch.11*.*

As part of the Market Renewal Program (MRP), several new *settlement amounts* have been introduced, some existing *settlement amounts* have been modified and few others have been retired. Upon the commencement of *market transition*, *settlement statements* will include *settlement amounts* and supporting data files for both the legacy and the renewed market. A number of *settlement amounts* and the supporting data files will be replaced with an updated structure under MRP. For a period of two years, specific *settlement amounts* will be maintained in both the legacy data structure and the updated data structure as per MRP. To distinguish between *settlement amounts* that will be applied in the legacy market and *settlement amounts* that will be applied in the renewed market, this document uses the following conventions:

* “Pre-MRP” indicates that the *settlement amount* and data file structure is applicable to the existing legacy market;
* “Post-MRP” indicates that the *settlement amount* and data file structure reflect the renewed market.

For details on settlement amounts that will be retired in the renewed market and settlement amounts that have been introduced in the renewed market, refer to the IESO Charge Types and Equations document.

### General Notes About Statement Files

#### Relationship to the IESO-Administered Markets

This document describes the structure of two distinct sets of *settlement statements* pertaining to the *IESO-administered markets* as follows:

* The first set of *settlement statements* pertains to the *day-ahead market* and *real-time market* (“physical market”) *settlement amounts* and also other charges such as the Debt Retirement Charge (charge type 702, 752), Rural Rate Protection (charge types 703, 753), Transmission Services Charges (charge types 600, 601, 602, 603, 650, 651, 652, and 653), and the settlement of *transmission rights* purchased by TR participants (charge type 104).
* The second set of *settlement statements* pertains to the financial market **AND** the *settlement* of *TR auctions* in the *transmission rights* (*TR) market* (*charge type* 52).

#### Access

*Market participants* will download *settlement statements* in electronic, pipe-delimited ASCII text format through the *IESO* Reports Site.

*Market participants* may download these files after they are generated by the *IESO* Commercial Reconciliation System (CRS). This process is further detailed in *Market Manual* 5.7.

#### Timelines

Each *settlement statement* pertains to a specific *trading day* (the “primary trading date”) – although *settlement amounts* appearing on that *settlement statement* may pertain to various other time periods such as a *billing period* (see the Technical Interface document entitled “IESO Charge Types and Equations” for further details).

The issuance of *settlement statements* is based on a *business day* timeline rather than on a calendar day timeline and is specifically governed by:

* The *Settlement Schedule and Payment Calendar* (MR Ch.9 s.6.2, “Market Manual 5.7”); and
* Any emergency procedures that may have to be invoked by the *IESO* under the *IESO Market Rules*.

In summary, the timelines for the issuance of *settlement statements* described in this document are as follows:

Table 1-1: Settlement Statement Timelines

| Item | Date of issuance while functional deferral was in effect for trading days prior to January 2, 2003 | Current Settlement Timelines | IESO Market Rules Reference |
| --- | --- | --- | --- |
| Financial Market *Preliminary Settlement Statements* | 2 *business days* after the *trading day* it pertains to. | 2 *business days* after the *trading day* it pertains to. | Ch.9 s.6.3.3 |
| Financial Market *Final Settlement Statements* | 6 *business days* after the *trading day* it pertains to. | 6 *business days* after the *trading day* it pertains to. | Ch.9 s. 6.3.4 |
| Financial Market Resettlement *Settlement Statements* | N/A | 20 *business days* after the publication of the *Final Settlement Statement* for the trading day it pertains to | Ch.9 s. 6.3.6.1 |
| Financial Market Resettlement *Final Settlement Statements* | N/A | 22 *months* after the trading day it pertains to. | Ch.9 s6.3.6.2 |
| *Physical Market* *Preliminary Settlement Statements* | 10 *business days* after the *trading day* it pertains to. | 10 *business days* after the *trading day* it pertains to. | Ch.9 s.6.3.13 |
| *Physical Market* *Final Settlement Statements* | 22 *business days* after the *trading day* it pertains to. | 20 *business days* after the *trading day* it pertains to. | 9.6.3.15, |
| *Physical Market* Resettlement *1 Settlement Statements* | N/A | The end of the month that the trading day pertains to plus 1 month and 10 business days | Ch.9 s..6.3.17.1 |
| *Physical Market* Resettlement *2 Settlement Statements* | N/A | The end of the month that the trading day pertains to plus 2 months and 10 business days | Ch.9 s.6.3.17.2 |
| *Physical Market* Resettlement *3 Settlement Statements* | N/A | The end of the month that the trading day pertains to plus 5 months and 10 business days | Ch.9 s.6.3.17.3 |
| *Physical Market* Resettlement *4 Settlement Statements* | N/A | The end of the month that the trading day pertains to plus 8 months and 10 business days | Ch.9 s.6.3.17.4 |
| *Physical Market* Resettlement *5 Settlement Statements* | N/A | The end of the month that the trading day pertains to plus 11 months and 10 business days | Ch.9 s.6.3.17.11 |
| *Physical Market* Resettlement *6 Settlement Statements* | N/A | The end of the month that the trading day pertains to plus 17 months and 10 business days | Ch.9 s.6.3.17.6 |
| *Physical market* Resettlement *Final Settlement Statements* | N/A | The end of the month that the trading day pertains to plus 23 months and 10 business days | Ch.9 s.6.3.17.7 |

#### Settlement Statements Delivered in Electronic Format

Each *business day*, the *IESO* Commercial Reconciliation System (CRS) will generate *settlement statements* for each *market participant* in the *physical market*. Another set of *settlement statements* will be produced for *market participants* in the *financial market*: the *preliminary settlement statement*, the *final settlement statement* and any of the applicable *resettlement settlement statements* for each *trading day* for which such *settlement statements* are generated. Each *settlement statement* is composed of one or more electronic files as illustrated in Figure 1-1. The structure of these electronic data files is the subject of this Technical Interface Document.



Figure 1‑1:Schematic Overview for Settlement Statements and Data Files

There are a few items that the reader should note with respect to the files illustrated in Figure 1-1 as follows:

* the companion data files are issued according to the same timeline as the Statement Files;
* *settlement amounts* owing to the *IESO* will appear as negative numbers;
* *settlement amounts* owing to *Market Participants* will appear as positive numbers;
* all statement files are plain ASCII text files with data fields delimited by the ‘pipe’   
  symbol (|). Two consecutive rows (or records) are separated by a carriage return;
* each pair of preliminary, finaland any of the resettlement *settlement statements* for a given primary trading date will have a unique *settlement statement* ID described herein.

– End of Section –

## Settlement Statement Files

### Settlement Statement Files

Each time a *settlement statement* file is issued, it will contain the best available *settlement* data for the *trading day* being settled. Also included in the file may be new settlement line items pertaining to *trading days* prior to the *trading day* to which the *settlement statement* pertains to but have not been included on any previous *settlement statement*. An example of such instance is issuing an adjustment for a trading day where there is no scheduled settlement statement after the *final recalculated* *settlement statement.* In such instances the “date” associated with the detail line item in the statement will be the trading date associated with the *settlement statement* with a comment in the “comments” field indicating the actual trading date that is associated with the transaction.

As per the MR Ch.9 s.6.3.6 and s.6.3.17 additional *settlement statements* known as Resettlement Settlement Statement (or Recalculated Settlement Statements) are being introduced to the markets. After the issuance of the *final settlement statement for a trading day*, if a *market participant* has any applicable transaction, whether it be an adjustment to a previous *settlement statement* or a newtransaction, the *IESO* will issue a *recalculated settlement statement* to the *market participant* for the given *trading day*. However, *market participants* will be given the option to receive a resettlement statement for an applicable *trading day* even if there are no new applicable transactions for the *trading day*. The procedure for requesting such statements are described in Market Manual 5.7:Settlement Process.

The final *recalculated settlement statement* will be the last statement issued for the trading day. The *IESO* will issue *final* *recalculated settlement statements* for every *trading day*, even if there are no changes from the previous *settlement statement* for the *trading day*.

As per the MR Ch.9 s.6.3.6.3 and s.6.3.17.8, at the *IESO’s* sole discretion, it may issue, either in lieu of or in addition to the resettlement *settlement statements* an *ad hoc recalculated settlement statement* at any time up to and including the scheduled date to issue the *final recalculated settlement statement* for the relevant trading day. At the time of issuing an *ad hoc statement* the IESO will issue the statement as a version of one of the defined *settlement statements* types (F, R1, R2, R3, R4, R5, R6) as described in Table 1-1 Items.

### Notice of Disagreement

Each *market participant* will have the opportunity to submit a *Notice of Disagreement* for each *settlement statement* that is issued for a *trading day*. However, only first-time transactions, new adjustments to a previously issued transaction or missing transactions are eligible to be considered for a disagreement.

In the event a *market participant* has (i) not opted-in to receive the optional *recalculated settlement statements,* or (ii) opted to receive optional *recalculated settlement statements* but has no new transactions to disagree with, they will still be given an opportunity to submit a Notice of Disagreement for the trading day via the Settlement Statement Errors and Omissions channel in Online IESO for any items they deem to be missing.

The *final recalculated settlement statement* is the final *settlement statement* for the *trading day* and will not be eligible for a Notice of Disagreement submission.

### Statement File Name Format

The filename format of the file available through the IESO Reports Site Interface will be as follows:

**[**security level {‘**CNF**’: Confidential**] [**‘–‘**]** **[**market participant short name**] [**‘\_‘**]** **[**file type {‘**ST’**: Statement File}**] [**’–‘**] [**statement type {‘**P’**: Physical market settlement statement or ‘F’: Financial}**] [**’–‘**]** **[**settlement type {‘**P’**: Preliminary or **‘F’**: Final, **‘R1’**: Resettlement 1, **‘R2’**: Resettlement 2, **‘R3’**: Resettlement 3, **‘R4’**: Resettlement 4, **‘R5’**: Resettlement 5, **‘R6’**: Resettlement 6, **‘RF’**: Resettlement Final}**] [**’\_‘**]** **[**primary trade date {**YYYYMMDD**}**] [**’\_‘**]** **[**version number identifying whether this report file was regenerated ‘**v1**’**] [**’.txt‘**]**

For example:

“CNF-HONI\_ST-P-P\_20240131\_v1.txt”

The file contains a confidential report,

The data contained is for HONI – Hydro One Networks Inc.,

It is a Settlement Statement File (‘ST’),

It relates to the Physical Market,

It is the Preliminary Settlement Statement

It relates to of January 1, 2024,

As version is “1” this file is the original run for that date.

Each *settlement statement* file is composed of five general sections. The first of these sections is a *header record* providing information such as *statement number*, *statement type*, *primary trade date*, and the *billing period* total to date. Following this section is a *change section* to indicate if the latest statement has any change from a previous issued statement. The third section is the *summary section* of all charges by summarizes by *charge type* and trading date. The fourth section is a *detail section* that lists each charge incurred by the *market participant* as well as any related charge information. The final section includes all *manual line items* entered by the *IESO*.

Other statements for this trading date may include:

“CNF-HONI\_ST-P-F\_20240131\_v1.txt” (Final)

“CNF-HONI\_ST-P-R1\_20240131\_v1.txt” (Resettlement 1)

“CNF-HONI\_ST-P-R2\_20240131\_v1.txt” (Resettlement 2)

“CNF-HONI\_ST-P-R3\_20240131\_v1.txt” (Resettlement 3)

“CNF-HONI\_ST-P-R4\_20240131\_v1.txt” (Resettlement 4)

“CNF-HONI\_ST-P-R5\_20240131\_v1.txt” (Resettlement 5)

“CNF-HONI\_ST-P-R6\_20240131\_v1.txt” (Resettlement 6)

“CNF-HONI\_ST-P-RF\_20240131\_v1.txt” (Resettlement Final)

The following is a detailed description of the data fields in the Statement File.

Each *settlement statement* will be available to *Market Participants* via the IESO Reports Site Interface. Additional new folders will be added to account for the *Resettlement Statements*. The folders will be arranged by *file type* (‘ST’), *statement type* (‘P’ or ‘F’) and *settlement type* (P, F, R1, R2, R3, R4, R5, R6, RF). For example, any version of Resettlement 1 statements for a given *trading day* will be stored in the ST-P-R1 folder.

### General Description of Statement File

#### Statement File Header Record

This record will supply information that can be used to identify the contents of the *settlement statement* file for the *physical market* or the *settlement statement* file for the financial market.

Table 2-1: Statement File Header Record Description

| Field | Type | Max Field Length | Domain | Description |
| --- | --- | --- | --- | --- |
| Record Type | Varchar | 1 | ‘H’ | Indicates the type of record as a Header Record |
| *Market Participant* ID | Number | 15 | NNNNNN | The *market participant’s* unique identifier |
| Primary Trade Date | Date | 11 | DD-MMM-YYYY | The specific trading date for which the statement is being created |
| Statement ID | Number | 15 |  | The numeric ID assigned for a given primary trading date. This numeric ID will be the same for all statements issued for the primary trading date. |
| File Type | Varchar | 2 | ‘ST’ | Indicates the type of file as a statement file (not a data file). |
| Statement Type | Varchar | 1 | ‘P’ or ‘F’ | Indicates the type of market: physical or financial. |
| Settlement Type | Varchar | 2 | ‘P’, ’F’, ‘R1’, ‘R2’, ‘R3’, ‘R4’, ‘R5’, ‘R6’ or ‘RF’ | Indicates the type of settlement set: preliminary, final, \*Any Resettlement Statements and the Resettlement Final Statement. |
| Total Due Amount | Number | 20,2 |  | The amount owed to the *IESO* by the *market participant* or owed to the *market participant* by the *IESO* on the specified trading date. |
| Billing Period Total to Date | Number | 20,2 |  | The amount owed to the *IESO* by the *market participant* or owed to the *market participant* by the *IESO* for the statement type for the entire *billing period* to date for all *preliminary settlement statements* OR all *final settlement statements*. |

Additional fields appearing on a month-end *trading day* of the real-time *billing period* (system-wide demand data related to *transmission tariff charge types* 650, 651, and 652).

The fields below are filled-in within the Statement File Header Record within the RT statement files pertaining to the last *trading day* of the month and are NULL on all other days.

| Field | Type | Max Field Length | Domain | Description |
| --- | --- | --- | --- | --- |
| Peak System Demand Date | Date | 11 | DD-MMM-YYYY | The date on which the system-wide peak *demand* occurred for the current month |
| Peak System Hour | Time | 2 | HH | The hour on the Peak System *Demand* Date in which the peak system *demand* value was obtained. |

#### Statement File Change Records

These records provide information to the *market participant* if the current statement has a change from a previous issued *settlement statement* for the trade day. A change constitutes adjustment or first time transaction that appear on the current statement. By default, a *preliminary settlement statement* will be “NO CHANGE” since this is the first statement being issued to the participant for a given *trading day*.

| Field | Type | Max Field Length | Domain | Description |
| --- | --- | --- | --- | --- |
| Record Type | Varchar | 2 | ‘CH’ | Indicates the type of record as a Header Record |
| Change Type | Varchar | 12 | ‘CHANGE’ | Indicates that there is change in the current *settlement statement* from a previous issued *settlement statement* for the trade day |
| Change Type | Varchar | 12 | ‘NO CHANGE’ | Indicates that there is no change in the current *settlement statement* from a previous issued *settlement statement* for the trade day |

#### Statement File Summary Records

These records provide a summary of all settlement detail and manual line item records in the file. One record is included for each combination of date and *charge type* existing in the line item records. Each time a *settlement statement* is issued, adjustment summary records will not be printed if there are no adjustments from the previous *settlement statement* on the specific date for the specific *charge type*.

Table 2-2: Statement File Summary Record Description

| Field | Type | Max Field Length | Domain | Description |
| --- | --- | --- | --- | --- |
| Record Type | Varchar | 2 | ‘SC’ | Indicates the type of record as a summary record |
| *Charge Type* | Number | 4 | NNNN | Code indicating the type of settlement  - no leading zeros |
| *Charge Type* Description | Varchar | 100 |  | A brief description of the *charge type* |
| Trading Date | Date | 11 | DD-MMM-YYYY | The specific trading date for which statement file detail records and statement file manual line item records are being summarized |
| Settlement Total | Number | 20,2 |  | Net amount of settlements for the indicated *charge type* and trading date |
| Adjustment Flag | Varchar | 1 | ‘N’,’Y’ | Indicates whether the summary record is an adjustment summary record. (‘**Y**’: Yes, or ‘**N**’: No). Adjustments are determined if there is a change in the charge type amounts between the current statement and any previous statement(s). |

#### Statement File Detail Records

These records provide the details of each individual settlement line item that is created by the system for the *market participant.*

When a transaction is computed for the first time, in any *settlement statement*, it will have a settlement type of ‘P’. When a *final* *settlement statement* is issued (the next statement after preliminary), all records from the *preliminary settlement statements* will be represented by a settlement type of ‘C’.

Any adjustments made to a transaction from a previous *settlement statement*, will have a settlement type of ‘A’ in the latest *settlement statement*. When the next *settlement statement* is issued for the *trading day*, the settlement type is updated to represent where the adjustment originated. This also applies to first time transaction that do not appear in a *preliminary settlement statement*. For example, there was an adjustment and first time transaction made at the *final settlement statement*. There will exist a detail record with a settlement type of ‘A’ to represent the adjustment and a detail record with a settlement type of ‘P’ to represent the first time transaction. When the next *settlement statement* is issued (Resettlement 1 statement for example) the settlement type for both detail records will update to an ‘F’ to document that the transactions first appeared in the *final settlement statement*.

In the event the *IESO* issues an ad hoc *resettlement statement* and if a transaction is adjusted multiple times it will be represented as an aggregated detail line item in the next *settlement statement* for the *trading day*. This situation can occur because the *IESO* will issue an *ad hoc statement* as a version of one of the defined settlement types (R1 to R6). For example, a transaction is adjusted in the *Resettlement 1* *settlement statement*, it will be represented with a settlement type of ‘A’. The *IESO* then issues an *ad hoc* *resettlement statement* which will be another version of the *Resettlement 1* *settlement statement*. In the *ad hoc* *resettlement statement*, the adjusted transaction will be represented with a settlement type of “R1” and the new adjusted amount will be represented with a settlement type of “A”. The *ad hoc* *resettlement statement* is represented as a new version of the *Resettlement 1* *settlement statement*. When the next *settlement statement* is issued that is not an *ad hoc* statement (Resettlement 2 *settlement statement* for example), the *amounts* (column 6) and *tax amounts* (column 35) from first adjustment and the ad hoc adjustment will be aggregated to represent the total *settlement amounts* with the remainder details coming from the latest issued *settlement statement*.

The following table describes general descriptions of each column of *settlement statement* detail records. Since different *charge types* could use the same column for different purposes, subsequent tables will describe uses of columns by specific *charge types.*

Table 2-3: General Statement File Detail Record Description

| Field ID | Short Description | Type | Max Field Length | Domain | Description |
| --- | --- | --- | --- | --- | --- |
| 1 | Record Type | Varchar | 2 | ‘DP’ | Indicates the type of record as a detail record. |
| 2 | *Charge Type* | Number | 4 | NNNN | Code indicating the type of *settlement*.  - no leading zeros |
| 3 | Trading Date | Date | 11 | DD-MMM-YYYY | The specific trading date of the line item. |
| 4 | Trading Hour | Number | 2 | 0-24 | The specific hour of the line item (0 for a non-hourly *charge type*). |
| 5 | Trading Interval | Number | 2 | 0-12 | The specific trading interval of the line item (0 for a non- hourly *charge type* or hourly *charge type*). |
| 6 | *Settlement Amount* | Number | 20,2 |  | *Settlement amount* for the indicated detail record net of HST. |
| 7 | Zone ID | Varchar | 16 | AAAA | Zone ID for the Location ID See Column ID 8. |
| 8 | Location ID | Number | 12 | NNNNNN | The *delivery point* ID assigned by the *IESO* for *physical market* charges for the detail record. This may be the *energy market* *delivery point* ID, MSP (Market Scheduling Point / tie-point) ID or CSP (Constrained Scheduling Point / *Boundary Entity*) ID as applicable.  The *delivery point* ID is a 6-character identifier.  For *physical bilateral contract* (PBC) related charges, this will be the *delivery point* related to the resource specified in the PBC data submitted by the *selling market participant.* |
| 9 | Settlement Type  (Single Field) | Varchar | 2 | ‘P’ | Preliminary record on a *preliminary settlement statement or a first time transaction that is to appear on a non preliminary settlement statement* |
| 9 | Settlement Type  (Single Field) | Varchar | 2 | ’C’ | Preliminary settlement statement record (*Settlement* Type = ‘P’ only on preliminary statements) that has been copied from the preliminary onto the *next settlement statement*. |
| 9 | Settlement Type  (Single Field) | Varchar | 2 | ‘A’ | Represents an adjustment in the current statement to a transaction that appeared in a previous issued *settlement statement* for the *trading day*. Values in the *Settlement Amount* and Tax Amount fields represent incremental values from those in the *previous issues settlement statement* while a revised value for other fields represents the total value. |
| 9 | Settlement Type  (Single Field) | Varchar | 2 | ’F’ | Represents an adjustment or a first time transactions that occurred in the *final settlement*. Values in the *Settlement Amount* and Tax Amount fields represent incremental values from those in the previous issued *settlement statement* while a revised value for other fields represents the total value. |
| 9 | Settlement Type  (Single Field) | Varchar | 2 | ’R1’ | Represents an adjustment or a first time transactions that occurred in a version a *Resettlement 1 settlement*. Values in the *Settlement Amount* and Tax Amount fields represent incremental values from those in the previous issued *settlement statement* while a revised value for other fields represents the total value. |
| 9 | Settlement Type  (Single Field) | Varchar | 2 | ’R2’ | Represents an adjustment or a first time transactions that occurred in a version a *Resettlement 2 settlement*. Values in the *Settlement Amount* and Tax Amount fields represent incremental values from those in the previous issued *settlement statement* while a revised value for other fields represents the total value. |
| 9 | Settlement Type  (Single Field) | Varchar | 2 | ’R3’ | Represents an adjustment or a first time transactions that occurred in a version of a *Resettlement 3 settlement*. Values in the *Settlement Amount* and Tax Amount fields represent incremental values from those in the previous issued *settlement statement* while a revised value for other fields represents the total value. |
| 9 | Settlement Type  (Single Field) | Varchar | 2 | ’R4’ | Represents an adjustment or a first time transactions that occurred in a versions of a *Resettlement 4 settlement*. Values in the *Settlement Amount* and Tax Amount fields represent incremental values from those in the previous issued *settlement statement* while a revised value for other fields represents the total value. |
| 9 | Settlement Type  (Single Field) | Varchar | 2 | ’R5’ | Represents an adjustment or a first time transactions that occurred in a version of a Resettlement *5 settlement*. Values in the *Settlement Amount* and Tax Amount fields represent incremental values from those in the previous issued *settlement statement* while a revised value for other fields represents the total value. |
| 9 | Settlement Type  (Single Field) | Varchar | 2 | ’R6’ | Represents an adjustment or a first time transactions that occurred in a version of a *Resettlement 6 settlement*. Values in the *Settlement Amount* and Tax Amount fields represent incremental values from those in the previous issued *settlement statement* while a revised value for other fields represents the total value. |
| 9 | Settlement Type  (Single Field) | Varchar | 2 | ’RF’ | Represents transactions that occurred in the *Resettlement Final settlement* when the resettlement *final settlement statement* is issued for the *trading day*. Values in the *Settlement Amount* and Tax Amount fields represent incremental values from those in the previous issued  *settlement statement* while a revised value for other fields represents the total value. |
| 10 | Billable Quantity | Number | 11,3 |  | Indicates the quantity in to be billed.  In units of MWh, MW, or KW as applicable to each Charge Type. |
| 11 | Price | Number | 10,5 |  | Indicates the price/rate at which the quantity will be billed. |
| 12 | Price 1 | Number | 10,5 |  | Indicates a price/rate used in the calculation of the *settlement amount*. |
| 13 | Price 2 | Number | 10,5 |  | Indicates a second price/rate used in the calculation of the *settlement amount*. |
| 14 | Sum of AQEW & Scheduled Exports | Number | 11,3 |  | Indicates the total quantity used in the calculation of uplifts and rebates. |
| 15 | Location ID 1 | Number | 12 |  | (NOT USED) |
| 16 | Location ID 2 | Number | 12 |  | (NOT USED) |
| 17 | *Intertie Metering Point* ID | Number | 12 | NNNNNN | Indicates the tie point (MSP ID) used where an interchange transaction is involved.  For *physical bilateral contract* related charges where the resource specified for the PBC is a tie-point, this field is not filled in. In this case, the Location ID field will hold the MSP ID. See Column ID 8. |
| 18 | *Intertie Metering Point* Zone | Varchar | 16 | AAAA | Zone ID for the *Intertie Metering Point* ID (tie-point / MSP ID) See Column ID 17. |
| 19 | Total Quantity to Allocate/Uplift | Number | 20,3 |  | Indicates the dollar amount to be allocated/uplifted to/from MPs for rebates/uplifts. |
| 20 | Constant | Number | 11,3 |  | Indicates the PBC reallocate quantity used in calculations. |
| 21 | Percentage | Number | 5,4 |  | Indicates the *physical bilateral contract* tax rate for charges 100, 101, 1101, 1103, 1111, 1113. |
| 22 | Scheduled Import Quantity | Number | 11,3 |  | MWh imported See “IESO Charge Types and Equations*”* for further details. |
| 23 | Scheduled Export Quantity | Number | 11,3 |  | MWh exported See “IESO Charge Types and Equations*”* for further details. |
| 24 | Allocated Quantity of Energy Withdrawn | Number | 11,3 |  | MWh used as load See “IESO Charge Types and Equations*”* for further details. |
| 25 | Allocated Quantity of Energy Injected | Number | 11,3 |  | MWh generated See “IESO Charge Types and Equations*”* for further details. |
| 26 | Total Bilateral Quantity Sold | Number | 11,3 |  | Indicates the sum in MWh of all bilateral contracts sold at the *delivery point*. |
| 27 | Total Bilateral Quantity Bought | Number | 11,3 |  | Indicates the sum in MWh of all bilateral contracts bought at the *delivery point*. |
| 28 | Amount 1 | Number | 20,3 |  | Indicates an amount used in the calculation in $. |
| 29 | Amount 2 | Number | 20,3 |  | Indicates an amount used in the calculation in $. |
| 30 | Amount 3 | Number | 20,2 |  | Indicates an amount used in the calculation in $*”.* |
| 31 | Per Unit Charge ID | Number | 12 | NNNN | Unique identifier for each *IESO* manually generated per unit transaction common to all *market participants* subject to the transaction. |
| 32 | Zone ID 1 | Varchar | 16 |  | Various descriptions, depending on *charge type.* |
| 33 | Zone ID 2 | Varchar | 256 |  | Various descriptions, depending on *charge type*. For manual per-unit records, this may be used as a comment field.  \*Refer to table 2-9 for more details. |
| 34 | Tax rate | Number | 5,4 |  | HST rate applied to *settlement amount excluding.* |
| 35 | Tax amount | Number | 11,2 |  | HST dollar amount that corresponds to the *settlement amount excluding tax amounts related to physical bilateral contract.* |

#### Statement File Manual Line Item Records

These records identify each individual manual line item that has been entered by an *IESO* user for a *market participant*. Manual line items will be included in the statement if the affected date is the trading date of the statement or if the affected date is less than the trading date of the statement. The Manual Line items are represented in the same manner as the General Statement File Detail Records.

Table 2-4: Statement File Manual Record Description

| Field ID | Short Description | Type | Max Field Length | Domain | Description |
| --- | --- | --- | --- | --- | --- |
| 1 | Record Type | Varchar | 2 | ‘MP’ | Indicates the type of record as a manual line item record. |
| 2 | *Charge Type* ID | Number | 4 | NNNN | Code indicating the type of *settlement*.  - no leading zeros |
| 3 | Trading Date | Date | 11 | DD-MMM-YYYY | The effective date of the manual line item as entered by the *IESO*. |
| 4 | Trading Hour | Number | 2 | 0-24 | The specific hour of the manual line item (0 for a non-hourly charge). |
| 5 | Trading Interval | Number | 2 | 0-12 | The specific Trading Interval of the manual line item (0 for a non-hourly or hourly charge). |
| 6 | *Settlement Amount* | Number | 20,2 |  | *Settlement amount* for the indicated manual line item of HST. |
| 7 | Zone ID | Varchar | 16 | AAAA | Zone ID for the manual line item. |
| 8 | Location ID | Number | 12 | NNNNNN | Location ID for the manual line item. |
| 9 | Settlement Type  (Single Field) | Varchar | 2 | ‘P’ | Preliminary record on a *preliminary settlement statement or a first time transaction that is to appear on a non preliminary settlement statement* |
| 9 | Settlement Type  (Single Field) | Varchar | 2 | ’C’ | Preliminary record (*Settlement* Type = ‘P’) that has been copied from the preliminary onto the *final settlement statement*. |
| 9 | Settlement Type  (Single Field) | Varchar | 2 | ‘A’ | Represents an adjustment in the current statement to a transaction that appeared in a previous issued settlement statement for the trading day. Values in the *Settlement Amount* and Tax Amount fields represent incremental values from those in the *previous issues settlement statement* while a revised value for other fields represents the total value. |
| 9 | Settlement Type  (Single Field) | Varchar | 2 | ’F’ | Represents an adjustment or a first time transactions that occurred in the *final settlement*. Values in the *Settlement Amount* and Tax Amount fields represent incremental values from those in the previous issued  *settlement statement* while a revised value for other fields represents the total value. |
| 9 | Settlement Type  (Single Field) | Varchar | 2 | ’R1’ | Represents an adjustment or a first time transactions that occurred in a version a *Resettlement 1 settlement*. Values in the *Settlement Amount* and Tax Amount fields represent incremental values from those in the previous issued  *settlement statement* while a revised value for other fields represents the total value. |
| 9 | Settlement Type  (Single Field) | Varchar | 2 | ’R2’ | Represents an adjustment or a first time transactions that occurred in a version a *Resettlement 2 settlement*. Values in the *Settlement Amount* and Tax Amount fields represent incremental values from those in the previous issued *settlement statement* while a revised value for other fields represents the total value. |
| 9 | Settlement Type  (Single Field) | Varchar | 2 | ’R3’ | Represents an adjustment or a first time transactions that occurred in a version of a *Resettlement 3 settlement*. Values in the *Settlement Amount* and Tax Amount fields represent incremental values from those in the previous issued *settlement statement* while a revised value for other fields represents the total value. |
| 9 | Settlement Type  (Single Field) | Varchar | 2 | ’R4’ | Represents an adjustment or a first time transactions that occurred in a versions of a *Resettlement 4 settlement*. Values in the *Settlement Amount* and Tax Amount fields represent incremental values from those in the previous issued  *settlement statement* while a revised value for other fields represents the total value. |
| 9 | Settlement Type  (Single Field) | Varchar | 2 | ’R5’ | Represents an adjustment or a first time transactions that occurred in a version of a Resettlement *5 settlement*. Values in the *Settlement Amount* and Tax Amount fields represent incremental values from those in the previous issued  *settlement statement* while a revised value for other fields represents the total value. |
| 9 | Settlement Type  (Single Field) | Varchar | 2 | ’R6’ | Represents an adjustment or a first time transactions that occurred in a version of a *Resettlement 6 settlement*. Values in the *Settlement Amount* and Tax Amount fields represent incremental values from those in the previous issued  *settlement statement* while a revised value for other fields represents the total value. |
| 9 | Settlement Type  (Single Field) | Varchar | 2 | ’RF’ | Represents transactions that occurred in the *Resettlement Final settlement* when the resettlement final settlement statement is issued for the trading day. Values in the *Settlement Amount* and Tax Amount fields represent incremental values from those in the previous issued  *settlement statement* while a revised value for other fields represents the total value. |
| 10 | Billable Quantity | Number | 11,3 |  | Indicates the quantity to be billed. |
| 11 | Price | Number | 10,5 |  | Indicates the price at which the quantity will be billed. |
| 12 | Price 1 | Number | 10,5 |  | (NOT USED) |
| 13 | Price 2 | Number | 10,5 |  | (NOT USED) |
| 14 | Sum of AQEW & Scheduled Exports | Number | 11,3 |  | (NOT USED) |
| 15 | Location ID 1 | Number | 12 |  | (NOT USED) |
| 16 | Location ID 2 | Number | 12 |  | (NOT USED) |
| 17 | *Intertie Metering Point* ID | Number | 12 | NNNNNN | (NOT USED) |
| 18 | *Intertie Metering Point* Zone | Varchar | 16 | AAAA | Indicated the *Reference ID* associated with the *Manual Line Item* |
| 19 | Total Quantity to Allocate/Uplift | Number | 20,3 |  | Represents the *PTI quantity* |
| 20 | Constant | Number | 11,3 |  | (NOT USED) |
| 21 | Percentage | Number | 5,4 |  | (NOT USED) |
| 22 | Scheduled Import Quantity | Number | 11,3 |  | (NOT USED) |
| 23 | Scheduled Export Quantity | Number | 11,3 |  | (NOT USED) |
| 24 | Allocated Quantity of Energy Withdrawn | Number | 11,3 |  | (NOT USED). |
| 25 | Allocated Quantity of Energy Injected | Number | 11,3 |  | (NOT USED) |
| 26 | Total Bilateral Quantity Sold | Number | 11,3 |  | (NOT USED) |
| 27 | Total Bilateral Quantity Bought | Number | 11,3 |  | (NOT USED) |
| 28 | Amount 1 | Number | 20,3 |  | (NOT USED) |
| 29 | Amount 2 | Number | 20,3 |  | (NOT USED) |
| 30 | Amount 3 | Number | 20,2 |  | (NOT USED) |
| 31 | Per Unit Charge ID | Number | 12 | NNNN | (NOT USED) |
| 32 | Zone ID 1 | Varchar | 16 |  | Indicated the *Reference ID 1* associated with the *Manual Line Item* |
| 33 | Zone ID 2 | Varchar | 256 |  | Description Comment of the line item |
| 34 | Tax rate | Number | 5,4 |  | HST rate applied to *settlement amount.* |
| 35 | Tax amount | Number | 11,2 |  | HST dollar amount that corresponds to the *settlement amount.* |

### Modes of Production

This section 2.5 contains 5 tables which describe the usage of detail records (type ‘DP’ – see Table 2-3) and manual records (type ‘MP’ – see Table 2-4) by particular *charge types* and where applicable, any anomalous usage of the fields described in tables 2-3 and 2-4 respectively. Specifically, the 5 tables provided within this section 2.5 are as follows:

1. Table 2-5 describes the usage of each type of record by each *charge type* in the *IESO settlements process*. The specific description of Table 2-5 is provided below.
2. Table 2-6 describes the usage of detail record fields (type ‘DP’ – see Table 2-3) by various *charge types* where the usage of such fields departs from the general usage as described in table 2-3.
3. Table 2-7 describes the usage of detail record fields (type ‘DP’ – see Table 2-3) by *charge types* that are components of *hourly uplift* (see also, MR Ch.9, s3.11), where the usage of such fields departs from the general usage as described in table 2-3.
4. Table 2-8 describes the usage of manual record fields (type ‘MP’ – see Table 2-4) by various *charge types* where the usage of such fields departs from the general usage as described in table 2-4.
5. Table 2-9 describes the usage of detail record fields (type ‘DP’ – see Table 2-3) by various *charge types* that appear as “per unit allocations” (i.e. *charge types* involving the distribution of various monetary amounts on a pro rata basis over *allocated quantities of energy injected* and/or *withdrawn*) where the usage of such fields departs from the general usage as described in table 2-3.

These tables are provided in each respective sub-section to this section 2.5.

For Table 2-6, 2-7 and 2-9, any “FIELD ID” numbers appearing in these tables (representing alternative usage of detail record fields) should correspond to the same FIELD ID in Table 2-3 (Detail Record description).

For Table 2-8, any “FIELD ID” numbers appearing in this table (representing alternative usage of manual record fields) should correspond to the same FIELD ID in Table 2-4 (Manual Record description).

#### 2.5.1 Charge Type/Category Cross Reference:

Table 2-5 cross-references each *charge type* with its deployment in the *IESO settlements process*. In many cases, *charge types* may take on more than one form, resulting from the application of adjustments or other business rules. The purpose of Table 2-5, is to summarize the usage of each of these record formats by each applicable *charge type.*

The four usage formats described in Table 2-5 are as follows:

1. ‘Automatic Charge’: *Charge types* applied in this manner utilize the detail record fields (type ‘DP’) described in Table 2-3, and where applicable, with any anomalous field usage as described in Table 2-6.
2. ‘Automatic Hourly Uplift Charge’: *Hourly Uplift charge types* applied in this manner utilize the detail record fields (type ‘DP’) described in Table 2-3, in conjunction with the field usage as described in Table 2-7.

The following uplift types are tagged accordingly in Table 2-5 below:

* + - Generic (G)
    - Generic Custom Period (GCP)
    - Generation Station Service Rebate (GSSR)
    - Allocation Factor (AF)
    - Transmission Rights Clearing Account (TRCA)
    - Redisbursement (RD)
    - Default Levy (DL)
    - DAM Reliability Scheduling Uplift (DRSU)

1. ‘Manual Line Item’: *Charge types* applied in this manner utilize the manual record fields (type ‘MP’) described in Table 2-4 and where applicable, with any anomalous field usage as described in Table 2-8.
2. ‘Manual Per Unit Allocation’: *Charge types* applied in this manner utilize the detail record fields (type ‘DP’) described in Table 2-3 and where applicable, with any anomalous field usage as described in Table 2-9.

Table 2-5: Charge Type / Category Cross Reference

| Charge Type ID | Charge Type Name | Automatic Charge | Automatic Uplift | Manual Line Item | Manual Per Unit Allocation |
| --- | --- | --- | --- | --- | --- |
| 52 | Transmission Rights Auction Settlement Debit | Yes | -- | Yes | -- |
| 100 | Net Energy Market Settlement for Generators and Dispatchable Load | Yes | -- | Yes | -- |
| 101 | Net Energy Market Settlement for Non-dispatchable Load | Yes | -- | Yes | -- |
| 102 | TR Clearing Account Credit |  | Yes  (TRCA) | Yes | Yes |
| 103 | Transmission Charge Reduction Fund | Yes | -- | Yes | -- |
| 104 | Transmission Rights Settlement Credit | Yes | -- | Yes | -- |
| 105 | Congestion Management Settlement Credit for Energy | Yes | -- | Yes | -- |
| 106 | Congestion Management Settlement Credit for 10 Minute Spinning Reserve | Yes | -- | Yes | -- |
| 107 | Congestion Management Settlement Credit for 10 Minute Non-spinning Reserve | Yes | -- | Yes | -- |
| 108 | Congestion Management Settlement Credit for 30 Minute Operating Reserve | Yes | -- | Yes | -- |
| 111 | Northern Pulp and Paper Mill Electricity Transition Program Settlement Amount | -- | -- | Yes | -- |
| 112 | Ontario Power Generation Rebate (Calculations for Charge Type 112 end April 30, 2009) | Yes | -- | Yes | -- |
| 113 | Additional Compensation for Administrative Pricing Credit | -- | -- | Yes | -- |
| 114 | Outage Cancellation/Deferral Settlement Credit | -- | -- | Yes | -- |
| 115 | Unrecoverable Testing Costs Credit | -- | -- | Yes | -- |
| 116 | Tieline Reliability Maintenance Credit | -- | -- | Yes | -- |
| 118 | Emergency Energy Acquisition Rebate | -- | -- |  | Yes |
| 119 | Station Service Reimbursement Credit | -- | -- | Yes | -- |
| 120 | Local Market Power Debit | -- | -- | Yes | -- |
| 121 | Northern Industrial Electricity Rate Program Settlement Amount | Yes | -- | Yes | -- |
| 122 | Ramp-Down Settlement Amount | Yes | -- | Yes | -- |
| 123 | MACD Enforcement Activity Amount | -- | -- | Yes | -- |
| 124 | SEAL Congestion Management Settlement Credit Amount | -- | -- | Yes | -- |
| 130 | Intertie Offer Guarantee Settlement Credit – Energy  (Calculations for charge type 130 end October 12,2011. Charge Type 130 replaced by Charge Type 1131) | Yes | -- | Yes | -- |
| 133 | Generation Cost Guarantee Payment | Yes | -- | Yes | -- |
| 134 | Demand Response Credit | -- | -- | Yes | -- |
| 135 | Real-time Import Failure Charge | Yes | -- | Yes | -- |
| 136 | Real-time Export Failure Charge | Yes | -- | Yes | -- |
| 137 | Generation Cost Guarantee – Output Based Pricing System Reimbursement Settlement Amount | -- | -- | Yes | -- |
| 140 | Fixed Energy Rate Settlement Amount  (Calculations for Charge Type 140 replaced by Charge Type 142 effective January 1,2005) | Yes | -- | Yes | -- |
| 141 | Fixed Wholesale Charge Rate Settlement Amount  (Calculations for Charge Type 141 end March 31,2005) | Yes | -- | Yes | -- |
| 142 | Regulated Price Plan Settlement Amount | Yes | -- | Yes | -- |
| 143 | NUG Contract Adjustment Settlement Amount | -- | -- | Yes | -- |
| 144 | Regulated Nuclear Generation Adjustment Amount | Yes | -- | Yes | -- |
| 145 | Regulated Hydroelectric Generation Adjustment Amount | Yes | -- | Yes | -- |
| 146 | Global Adjustment Settlement Amount  (Calculations for Charge Types 146 end December 31,2010. Charge Type 146 replaced by Charge Types 147 and 148) | Yes | -- | Yes | Yes |
| 147 | Class A Global Adjustment Settlement Amount | Yes | -- | Yes | -- |
| 148 | Class B Global Adjustment Settlement Amount | Yes | -- | Yes | -- |
| 149 | Regulated Price Plan Retailer Settlement Amount | -- | -- | Yes | -- |
| 150 | Net Energy Market Settlement Uplift | -- | Yes  (G) | Yes | -- |
| 155 | Congestion Management Settlement Uplift | -- | Yes  (G) | Yes | -- |
| 161 | Northern Pulp and Paper Mill Electricity Transition Program Balancing Amount | -- | -- | Yes | -- |
| 162 | Ontario Power Generation Rebate Debit  (Calculations for Charge Type 162 end April 30, 2009) | -- | -- | Yes | -- |
| 163 | Additional Compensation for Administrative Pricing Debit | -- | Yes  (G) | Yes | Yes |
| 164 | Outage Cancellation/Deferral Debit | -- | Yes  (G) | Yes | Yes |
| 165 | Unrecoverable Testing Costs Debit | -- | Yes  (G) | Yes | Yes |
| 166 | Tieline Reliability Maintenance Debit | -- | Yes  (G) | Yes | Yes |
| 167 | Emergency Energy and EDRP Debit | -- | Yes  (G) | Yes | Yes |
| 168 | TR Market Shortfall Debit | -- | Yes  (TRCA) | Yes | Yes |
| 169 | Station Service Reimbursement Debit | -- | Yes  (GSSR) | Yes |  |
| 170 | Local Market Power Rebate | -- | -- | Yes | Yes |
| 171 | Northern Industrial Electricity Rate Program Balancing Amount | -- | Yes  (AF) | Yes | -- |
| 173 | MACD Enforcement Activity Balancing Amount | -- | Yes  (AF) | Yes | -- |
| 183 | Generation Cost Guarantee Recovery Debit | -- | Yes  (G) | Yes | Yes |
| 184 | Demand Response Debit | -- | -- | Yes | Yes |
| 186  Pre-MRP | Intertie Failure Charge Rebate | -- | Yes  (G) | Yes | Yes |
| 186  Post-MRP | Intertie Failure Charge Uplift | -- | Yes  (G) | Yes | Yes |
| 190 | Fixed Energy Rate Balancing Amount  (Calculations for Charge Type 190 replaced by Charge Type 192 effective January 1,2005) | Yes | -- | Yes | -- |
| 191 | Fixed Wholesale Charge Rate Balancing Amount  (Calculations for Charge Type 191 end March 31,2005) | Yes | -- | Yes | -- |
| 192 | Regulated Price Plan Balancing Amount | Yes | -- | Yes | -- |
| 193 | NUG Contract Adjustment Balancing Amount | -- | -- | Yes | -- |
| 194 | Regulated Nuclear Generation Balancing Amount |  | Yes  (AF)-- | Yes | -- |
| 195 | Regulated Hydroelectric Generation Balancing Amount | Yes | -- | Yes | -- |
| 196 | Global Adjustment Balancing Amount |  | Yes  (AF)-- | Yes | -- |
| 197 | Global Adjustment – Special Programs Balancing Amount |  | Yes  (AF)-- | Yes | -- |
| 198 | Renewable Generation Balancing Amount  (Calculations for Charge Type 198 end December 31,2010) | -- | -- | Yes | -- |
| 199 | Regulated Price Plan Retailer Balancing Amount | -- | -- | Yes | -- |
| 200 | 10 Minute Spinning Reserve Market Settlement Credit | Yes | -- | Yes | -- |
| 201 | 10 Minute Spinning Reserve Market Shortfall Rebate | -- | -- | Yes | Yes |
| 202 | 10 Minute Non-spinning Reserve Market Settlement Credit | Yes | -- | Yes | -- |
| 203 | 10 Minute Non-spinning Reserve Market Shortfall Rebate | -- | -- | Yes | Yes |
| 204 | 30 Minute Operating Reserve Market Settlement Credit | Yes | -- | Yes | -- |
| 205 | 30 Minute Operating Reserve Market Shortfall Rebate | -- | -- | Yes | Yes |
| 206 | 10 Minute spinning non-Accessibility Settlement Amount | Yes | -- | Yes | -- |
| 208 | 10 Minute non spinning non-Accessibility Settlement Amount | Yes | -- | Yes | -- |
| 210 | 30 Minute non-Accessibility Settlement Amount | Yes | -- | Yes | -- |
| 212 | Day-Ahead Market 10-Minute Spinning Reserve Settlement Credit | Yes |  | Yes |  |
| 213 | Real-Time 10-Minute Spinning Reserve Settlement Credit | Yes |  | Yes |  |
| 214 | Day-Ahead Market 10-Minute Non-Spinning Reserve Settlement Credit | Yes | -- | Yes | -- |
| 215 | Real-Time 10-Minute Non-Spinning Reserve Settlement Credit | Yes | -- | Yes | -- |
| 216 | Day-Ahead Market 30-Minute Operating Reserve Settlement Credit | Yes | -- | Yes | -- |
| 217 | Real-Time 30-Minute Operating Reserve Settlement Credit | Yes | -- | Yes | -- |
| 250 | 10 Minute Spinning Reserve Hourly Uplift | -- | Yes  (G) | Yes | -- |
| 251 | 10 Minute Spinning Market Reserve Shortfall Debit | -- | -- | Yes | -- |
| 252 | 10 Minute Non-spinning Reserve Hourly Uplift | -- | Yes  (G) | Yes | -- |
| 253 | 10 Minute Non-spinning Market Reserve Shortfall Debit | -- | -- | Yes | -- |
| 254 | 30 Minute Operating Reserve Hourly Uplift | -- | Yes  (G) | Yes | -- |
| 255 | 30 Minute Operating Reserve Market Shortfall Debit | -- | -- | Yes | -- |
| 400 | Black Start Capability Settlement Credit | -- | -- | Yes | -- |
| 402 | Reactive Support and Voltage Control Settlement Credit | -- | -- | Yes | -- |
| 404 | Regulation Service Settlement Credit | Yes | -- | Yes | -- |
| 406 | Emergency Demand Response Program (EDRP) Credit | -- | -- | Yes | -- |
| 410 | IESO-Controlled Grid Special Operations Credit | -- | -- | Yes | -- |
| 450 | Black Start Capability Settlement Debit | -- | Yes  (G) | Yes | Yes |
| 451 | Hourly Reactive Support and Voltage Control Settlement Debit | -- | Yes  (G) | Yes | Yes |
| 452 | Monthly Reactive Support and Voltage Control Settlement Debit | -- | Yes  (G) | Yes | Yes |
| 454 | Regulation Service Settlement Debit | -- | Yes  (G) | Yes | Yes |
| 460 | *IESO*-Controlled Grid Special Operations Debit | -- | Yes  (G) | Yes | Yes |
| 500 | Must Run Contract Settlement Credit | -- | -- | Yes | -- |
| 550 | Must Run Contract Settlement Debit | -- | Yes  (G) | Yes | Yes |
| 600 | Network Service Payment | Yes | -- | Yes | -- |
| 601 | Line Connection Service Payment | Yes | -- | Yes | -- |
| 602 | Transformation Connection Service Payment | Yes | -- | Yes | -- |
| 603 | Export Transmission Service Payment | Yes | -- | Yes | -- |
| 650 | Network Service Charge | Yes | -- | Yes | -- |
| 651 | Line Connection Service Charge | Yes | -- | Yes | -- |
| 652 | Transformation Connection Service Charge | Yes | -- | Yes | -- |
| 653 | Export Transmission Service Charge | Yes | -- | Yes | -- |
| 700 | Dispute Resolution Settlement Amount | -- | -- | Yes | -- |
| 702 | Debt Retirement Credit | Yes | -- | Yes | -- |
| 703 | Rural Rate Assistance Settlement Credit |  | -- | Yes | -- |
| 704 | OPA Administration debit | Yes | -- | Yes | -- |
| 705 | Ontario Fair Hydro Plan First Nations On-reserve Delivery Amount | -- | -- | Yes | -- |
| 706 | Ontario Fair Hydro Plan Distribution Rate Protection Amount | -- | -- | Yes | -- |
| 750 | Dispute Resolution Balancing Amount (IESO) | -- | Yes  (AF) | Yes | -- |
| 752 | Debt Retirement Charge | Yes | -- | Yes | -- |
| 753 | Rural Rate Assistance Settlement Debit | Yes | -- | Yes | -- |
| 754 | OPA Administration credit | Yes | -- | Yes | -- |
| 755 | MOE - Ontario Fair Hydro Plan First Nations On-reserve Delivery Balancing Amount | -- | -- | Yes | -- |
| 756 | MOE - Ontario Fair Hydro Plan Distribution Rate Protection Balancing Amount | -- | -- | Yes | -- |
| 850 | Market Participant Default Settlement Debit (recovery) | -- | Yes  (DL) | Yes | -- |
| 851 | Market Participant Default Interest Debit | == | Yes  (DL) | Yes | == |
| 900 | HST Credit | -- | -- | -- | -- |
| 950 | HST Debit | -- | -- | -- | -- |
| 1050 | Self-induced Dispatchable Load CMSC Clawback | Yes | -- | Yes | -- |
| 1051 | Ramp-down CMSC Clawback Amount | Yes | -- | Yes | -- |
| 1100 | Day-Ahead Market Energy Settlement Amount for Generators | Yes |  | Yes |  |
| 1101  Pre-MRP | Real-Time Energy Settlement Amount for Dispatchable Generators | Yes | -- | Yes | -- |
| 1101  Post-MRP | Real-Time Energy Settlement Amount for Generators | Yes | -- | Yes | -- |
| 1102 | Day-Ahead Market Energy Settlement Amount for Dispatchable Loads | Yes |  | Yes |  |
| 1103 | Real-Time Energy Settlement Amount for Dispatchable Loads | Yes | -- | Yes | -- |
| 1104 | Day-Ahead Market Energy Settlement Amount for Price Responsive Loads | Yes | -- | Yes | -- |
| 1105 | Real-Time Energy Settlement Amount for Price Responsive Loads | Yes | -- | Yes | -- |
| 1106 | Day-Ahead Market Energy Settlement Amount for Virtual Transactions to Sell | Yes | -- | Yes | -- |
| 1107 | Real-Time Energy Settlement Amount for Virtual Transactions to Sell | Yes | -- | Yes | -- |
| 1108 | Day-Ahead Market Energy Settlement Amount for Virtual Transactions to Buy | Yes | -- | Yes | -- |
| 1109 | Real-Time Energy Settlement Amount for Virtual Transactions to Buy | Yes | -- | Yes | -- |
| 1110 | Day-Ahead Market Energy Settlement Amount for Imports | Yes | -- | Yes | -- |
| 1111 | Real-Time Energy Settlement Amount for Imports | Yes | -- | Yes | -- |
| 1112 | Day-Ahead Market Energy Settlement Amount for Exports | Yes |  | Yes |  |
| 1113 | Real-Time Energy Settlement Amount for Exports | Yes | -- | Yes | -- |
| 1114 | Real-Time Energy Settlement Amount for Non-Dispatchable Generators | Yes | -- | Yes | -- |
| 1115  Pre-MRP | Real-Time Energy Settlement Amount for Non-Dispatchable Loads | Yes | -- | Yes | -- |
| 1115  Post-MRP | Non-Dispatchable Load Energy Settlement Amount | Yes | -- | Yes | -- |
| 1116 | Internal Congestion And Loss Residual | -- | Yes  (G) | Yes | -- |
| 1117 | Day-Ahead Market Net External Congestion Residual | -- | Yes  (TRCA) | Yes | -- |
| 1118 | Real-Time External Congestion Residual Uplift | -- | Yes  (TRCA) | Yes | -- |
| 1119 | Day-Ahead Market Net Interchange Scheduling Limit Residual Uplift | -- | Yes  (G) | Yes | -- |
| 1120 | Real-Time Net Interchange Scheduling Residual Uplift | -- | Yes  (G) | Yes | -- |
| 1130 | Day-Ahead Intertie Offer Guarantee  (Calculations for Charge Type 1130 end October 12,2011. Charge Type 1130 replaced by Charge Type 1131) | Yes | -- | Yes | -- |
| 1131 | Intertie Offer Guarantee Settlement Credit – Energy | Yes | -- | Yes |  |
| 1133 | Day-Ahead Generation Cost Guarantee Payment  (Calculations for Charge Type 1133 end October 12, 2011) | -- | -- | Yes | -- |
| 1134 | Day-Ahead Linked Wheel Failure Charge | Yes |  | Yes |  |
| 1135 | Day-Ahead Import Failure Charge | Yes | -- | Yes | -- |
| 1136 | Day-Ahead Export Failure Charge | Yes |  | Yes |  |
| 1137 | Intertie Offer Guarantee Reversal  (Calculations for Charge Type 1137 end October 12,2011) | Yes[[1]](#footnote-2) | -- | Yes[[2]](#footnote-3) | -- |
| 1138  Pre-MRP | Day-Ahead Fuel Cost Compensation Credit | -- | -- | Yes | -- |
| 1138  Post-MRP | Fuel Cost Compensation Credit | -- | -- | Yes | -- |
| 1139 | Intertie Failure Charge Reversal  (Calculations for Charge Type 1139 end October 12,2011) | Yes | -- | Yes | -- |
| 1142 | Ontario Fair Hydro Plan Eligible RPP Consumer Discount Settlement Amount | -- | -- | Yes | -- |
| 1143 | Ontario Fair Hydro Plan Eligible Non-RPP Consumer Discount Settlement Amount | -- | -- | Yes | -- |
| 1144 | Ontario Fair Hydro Plan Financing Entity Amount | -- | -- | Yes | -- |
| 1145 | Ontario Fair Hydro Plan Financing Entity Interest | -- | -- | Yes | -- |
| 1148 | Global Adjustment Energy Storage Injection Reimbursement | Yes | -- | Yes | -- |
| 1188  Pre-MRP | Day-Ahead Fuel Cost Compensation Debit | -- | Yes  (G) | Yes | Yes |
| 1188  Post-MRP | Fuel Cost Compensation Uplift | -- | Yes  (G) | Yes | Yes |
| 1192 | Ontario Fair Hydro Plan Eligible RPP Consumer Discount Balancing Amount | -- | -- | Yes | -- |
| 1193 | Ontario Fair Hydro Plan Eligible Non-RPP Consumer Discount Balancing Amount | -- | -- | Yes | -- |
| 1194 | Ontario Fair Hydro Plan Financing Entity Balancing Amount | -- | -- | Yes | -- |
| 1195 | Ontario Fair Hydro Plan Financing Entity Balancing Interest | -- | -- | Yes | -- |
| 1300 | Capacity Based Demand Response Program Availability Payment Settlement Amount | -- | -- | Yes | -- |
| 1301 | Capacity Based Demand Response Program Availability Over-Delivery Settlement Amount | -- | -- | Yes | -- |
| 1302 | Capacity Based Demand Response Program Availability Set-Off Settlement Amount | -- | -- | Yes | -- |
| 1303 | Capacity Based Demand Response Program Utilization Payment Settlement Amount | -- | -- | Yes | -- |
| 1304 | Capacity Based Demand Response Program Utilization Set-Off Settlement Amount | -- | -- | Yes | -- |
| 1305 | Capacity Based Demand Response Program Planned Non-Performance Event Set-Off Amt | -- | -- | Yes | -- |
| 1306 | Capacity Based Demand Response Program Measurement Data Set-Off Settlement Amt | -- | -- | Yes | -- |
| 1307 | Capacity Based Demand Response Program Buy-Down Settlement Amount | -- | -- | Yes | -- |
| 1308 | Capacity Based Demand Response Program Performance Breach Settlement Amount | -- | -- | Yes | -- |
| 1309 | Demand Response Pilot– Availability Payment | -- | -- | Yes | -- |
| 1310 | Demand Response Pilot – Availability Clawback | -- | -- | Yes | -- |
| 1311 | Demand Response Pilot – Availability Charge | -- | -- | Yes | -- |
| 1312 | Demand Response Pilot – Availability Adjustment | -- | -- | Yes | -- |
| 1313 | Demand Response Pilot – Demand Response Bid Guarantee | -- | -- | Yes | -- |
| 1314 | Capacity Obligation – Availability Payment | Yes | -- | Yes | -- |
| 1315 | Capacity Obligation – Availability Charge | Yes | -- | Yes | -- |
| 1316 | Capacity Obligation – Administration Charge | Yes | -- | Yes | -- |
| 1317 | Capacity Obligation – Dispatch Charge | Yes | -- | Yes | -- |
| 1318 | Capacity Obligation – Capacity Charge | Yes | -- | Yes | -- |
| 1319 | Capacity Obligation – Buy-Out Charge | Yes | -- | Yes | -- |
| 1320 | Capacity Obligation – Out of Market Activation Payment | Yes | -- | Yes | -- |
| 1321 | Capacity Obligation – Capacity Import Call Failure Charge | Yes |  | Yes |  |
| 1322 | Capacity Obligation – Capacity Deficiency Charge | Yes |  | Yes |  |
| 1323 | Capacity Obligation – In-Period Cleared UCAP Adjustment Charge | Yes | -- | Yes | -- |
| 1324 | Capacity Obligation – Availability Charge True-up Payment | Yes | -- | Yes | -- |
| 1325 | Capacity Obligation – Capacity Auction Charges True-up Payment | Yes | -- | Yes | -- |
| 1330 | Demand Response 2 Availability Payment Settlement Amount | -- | -- | Yes | -- |
| 1331 | Demand Response 2 Availability Set-Off Settlement Amount | -- | -- | Yes | -- |
| 1332 | Demand Response 2 Utilization Payment Settlement Amount | -- | -- | Yes | -- |
| 1333 | Demand Response 2 Utilization Set-Off Settlement Amount | -- | -- | Yes | -- |
| 1334 | Demand Response 2 Planned Non-Performance Event Set-Off Settlement Amount | -- | -- | Yes | -- |
| 1335 | Demand Response 2 Meter Data Set-Off Settlement Amount | -- | -- | Yes | -- |
| 1340 | On behalf of OPA for the DR3 Program - Availability Payment Settlement Amount | -- | -- | Yes | -- |
| 1341 | On behalf of OPA for the DR3 Program - Availability Over-Delivery Settlement Amt | -- | -- | Yes | -- |
| 1342 | On behalf of OPA for the DR3 Program - Availability Set-Off Settlement Amount | -- | -- | Yes | -- |
| 1343 | On behalf of OPA for the DR3 Program - Utilization Payment Settlement Amount | -- | -- | Yes | -- |
| 1344 | On behalf of OPA for the DR3 Program - Utilization Set-Off Settlement Amount | -- | -- | Yes | -- |
| 1345 | On behalf of OPA for the DR3 Program - Planned Non-Performance Event Set-Off Settlement Amt | -- | -- | Yes | -- |
| 1346 | On behalf of OPA for the DR3 Program - Meter Data Set-Off Settlement Amount | -- | -- | Yes | -- |
| 1347 | On behalf of OPA for the DR3 Program - Buy-Down Settlement Amount | -- | -- | Yes | -- |
| 1348 | On behalf of OPA for the DR3 Program - Miscellaneous Settlement Amount | -- | -- | Yes | -- |
| 1350 | Capacity Based Recovery Amount for Class A Loads | Yes | -- | Yes | -- |
| 1351 | Capacity Based Recovery Amount for Class B Loads | Yes | -- | Yes | -- |
| 1380 | Demand Response 2 Availability Payment Balancing Amount | -- | -- | Yes | -- |
| 1381 | Demand Response 2 Availability Set-Off Balancing Amount | -- | -- | Yes | -- |
| 1382 | Demand Response 2 Utilization Payment Balancing Amount | -- | -- | Yes | -- |
| 1383 | Demand Response 2 Utilization Set-Off Balancing Amount | -- | -- | Yes | -- |
| 1384 | Demand Response 2 Planned Non-Performance Event Set-Off Balancing Amount | -- | -- | Yes | -- |
| 1385 | Demand Response 2 Meter Data Set-Off Balancing Amount | -- | -- | Yes | -- |
| 1386 | Demand Response 2 Miscellaneous Balancing Amount | -- | -- | Yes | -- |
| 1390 | Demand Response 3 Availability Payment Balancing Amount | -- | -- | Yes | -- |
| 1391 | Demand Response 3 Availability Over-Delivery Balancing Amount | -- | -- | Yes | -- |
| 1392 | Demand Response 3 Availability Set-Off Balancing Amount | -- | -- | Yes | -- |
| 1393 | Demand Response 3 Utilization Payment Balancing Amount | -- | -- | Yes | -- |
| 1394 | Demand Response 3 Utilization Set-Off Balancing Amount | -- | -- | Yes | -- |
| 1395 | Demand Response 3 Planned Non-Performance Event Set-Off Balancing Amount | -- | -- | Yes | -- |
| 1396 | Demand Response 3 Meter Data Set-Off Balancing Amount | -- | -- | Yes | -- |
| 1397 | Demand Response 3 Buy-Down Balancing Amount | -- | -- | Yes | -- |
| 1398 | Demand Response 3 Miscellaneous Balancing Amount | -- | -- | Yes | -- |
| 1400 | OPA Contract Adjustment Settlement Amount | -- | -- | Yes | -- |
| 1401 | Incremental Loss Settlement Credit | Yes | -- | Yes | -- |
| 1402 | Hourly Condense System Constraints Settlement Credit | Yes | -- | Yes | -- |
| 1403 | Speed-no-load Settlement Credit | Yes | -- | Yes | -- |
| 1404 | Condense Unit Start-up and OM&A Settlement Credit | Yes | -- | Yes | -- |
| 1405 | Hourly Condense Energy Costs Settlement Credit | Yes | -- | Yes | -- |
| 1406 | Monthly Condense Energy Costs Settlement Credit | Yes | -- | Yes | -- |
| 1407 | Condense Transmission Tariff Reimbursement Settlement Credit | Yes | -- | Yes | -- |
| 1408 | Condense Availability Cost Settlement Credit | Yes | -- | Yes | -- |
| 1409 | Monthly Condense System Constraints Settlement Credit | Yes | -- | Yes | -- |
| 1410 | Renewable Energy Standard Offer Program Settlement Amount | -- | -- | Yes | -- |
| 1411 | Clean Energy Standard Offer Program Settlement Amount | -- | -- | Yes | -- |
| 1412 | Feed-in Tariff Program Settlement Amount | -- | -- | Yes | -- |
| 1413 | Renewable Generation Connection – Monthly Compensation Settlement Credit | -- | -- | Yes | -- |
| 1414 | Hydroelectric Contract Initiative Settlement Amount | -- | -- | Yes | -- |
| 1415 | Conservation Assessment Recovery | **--** | **--** | Yes | **--** |
| 1416 | Conservation and Demand Management - Compensation Settlement Credit | **--** | **--** | Yes | **--** |
| 1417 | Daily Condense Energy Costs Settlement Credit | **--** | **--** | Yes | **--** |
| 1418 | Biomass Non-Utility Generation Contracts Settlement Amount | -- | -- | Yes | -- |
| 1419 | Energy from Waste (EFW) Contracts Settlement Amount | -- | -- | Yes | -- |
| 1420 | Ontario Electricity Support Program Settlement amount | -- | -- | Yes | -- |
| 1421 | Capacity Agreement Settlement Credit | -- | -- | Yes | -- |
| 1422 | Capacity Agreement Penalty Settlement Amount | -- | -- | Yes | -- |
| 1423 | Energy Sales Agreement Settlement Credit | Yes-- | -- | Yes | -- |
| 1424 | Energy Sales Agreement Penalty Settlement Amount | Yes-- | -- | Yes | -- |
| 1425 | Hydroelectric Standard offer Program Settlement Amount | -- | -- | Yes | -- |
| 1427 | Non-Hydro Renewables Funding Amount | -- | -- | Yes | -- |
| 1428 | Small Hydro Program Settlement Amount | -- | -- | Yes | -- |
| 1429 | Pre-Development Costs Settlement Amount | -- | -- | Yes | -- |
| 1450 | OPA Contract Adjustment Balancing Amount | -- | -- | Yes | -- |
| 1451 | Incremental Loss Offset Settlement Amount | Yes | -- | Yes | -- |
| 1457 | Ontario Electricity Rebate Balancing Amount | Yes | -- | Yes | -- |
| 1460 | Renewable Energy Standard Offer Program Balancing Amount | -- | -- | Yes | -- |
| 1461 | Clean Energy Standard Offer Program Balancing Amount | -- |  | Yes | -- |
| 1462 | Feed-in Tariff Program Balancing Amount | -- | -- | Yes | -- |
| 1463 | Renewable Generation Connection – Monthly Compensation Settlement Debit | -- | Yes  (G)-- | Yes | -- |
| 1464 | Hydroelectric Contract Initiative Balancing Amount | -- | -- | Yes | -- |
| 1465 | Ontario Clean Energy Benefit (-10%) Program Balancing Amount | -- | -- | Yes | -- |
| 1466 | Conservation and Demand Management-Compensation Balancing Amount | -- | -- | Yes | -- |
| 1467 | Ontario Rebate for Electricity Consumers (8% Provincial Rebate) Balancing Amount | -- | -- | Yes | -- |
| 1468 | Biomass Non-Utility Generation Contracts Balancing Amount | -- | -- | Yes | -- |
| 1469 | Energy from Waste (EFW) Contracts Balancing Amount | -- | -- | Yes | -- |
| 1470 | Ontario Electricity Support Program Balancing amount | Yes |  | Yes | Yes |
| 1471 | Capacity Agreement Balancing Amount | -- | Yes  (AF) | Yes | -- |
| 1472 | Capacity Agreement Penalty Balancing Amount | -- | Yes  (AF) | Yes | -- |
| 1473 | Energy Sales Agreement Balancing Amount | -- | Yes  (AF) | Yes | -- |
| 1474 | Energy Sales Agreement Penalty Balancing Amount | -- | Yes  (AF) | Yes | -- |
| 1475 | Hydroelectric Standard Offer Program Balancing Amount | -- | -- | Yes | -- |
| 1477 | COVID-19 Energy Assistance Program (CEAP) Settlement Amount | -- | -- | Yes | -- |
| 1478 | Small Hydro Program Balancing Amount | -- | -- | Yes | -- |
| 1479 | Pre-Development Costs Settlement Balancing Amount | -- | -- | Yes | -- |
| 1487 | Non-Hydro Renewables Funding Balancing Amount | -- | -- | Yes | -- |
| 1500 | Day-Ahead Production Cost Guarantee Payment - Component 1 and Component 1 Clawback | Yes | -- | Yes | -- |
| 1501 | Day-Ahead Production Cost Guarantee Payment - Component 2 | Yes | -- | Yes | -- |
| 1502 | Day-Ahead Production Cost Guarantee Payment - Component 3 and Component 3 Clawback | Yes | -- | Yes | -- |
| 1503 | Day-Ahead Production Cost Guarantee Payment - Component 4 | Yes | -- | Yes | -- |
| 1504 | Day-Ahead Production Cost Guarantee Payment - Component 5 | Yes | -- | Yes | -- |
| 1505 | Day-Ahead Production Cost Guarantee Reversal | Yes | -- | Yes | -- |
| 1510 | Day-Ahead Generator Withdrawal Charge | Yes | -- | Yes | -- |
| 1550 | Day-Ahead Production Cost Guarantee Recovery Debit | -- | Yes  (G) | Yes | Yes |
| 1560 | Day-Ahead Generator Withdrawal Rebate | -- | Yes  (G) | Yes | Yes |
| 1600 | Forecasting Service Settlement Amount |  |  | Yes |  |
| 1650 | Forecasting Service Balancing Amount |  | Yes  (G) | Yes | Yes-- |
| 1750 | Dispute Resolution Balancing Amount (Market) | -- | Yes  (G) | Yes | Yes |
| 1753 | MOE - Rural and Remote Settlement Debit | -- | -- | Yes | -- |
| 1800 | Day-Ahead Market Make-Whole Payment - Energy | Yes | -- | Yes | -- |
| 1801 | Day-Ahead Market Make-Whole Payment - 10-Minute Spinning Reserve | Yes | -- | Yes | -- |
| 1802 | Day-Ahead Market Make-Whole Payment - 10-Minute Non-Spinning Reserve | Yes | -- | Yes | -- |
| 1803 | Day-Ahead Market Make-Whole Payment - 30-Minute Operating Reserve | Yes | -- | Yes | -- |
| 1804 | Day-Ahead Market Generator Offer Guarantee - Energy | Yes | -- | Yes | -- |
| 1805 | Day-Ahead Market Generator Offer Guarantee - Operating Reserve | Yes | -- | Yes | -- |
| 1806 | Day-Ahead Market Generator Offer Guarantee - Over Midnight | Yes | -- | Yes | -- |
| 1807 | Day-Ahead Market Generator Offer Guarantee - Start-up | Yes | -- | Yes | -- |
| 1808 | Day-Ahead Market Generator Offer Guarantee - DAM Make-Whole Payment Offset | Yes | -- | Yes | -- |
| 1815 | Day-Ahead Market Balancing Credit Energy | Yes | -- | Yes | -- |
| 1816 | Day-Ahead Market Balancing Credit Operating Reserve | Yes | -- | Yes | -- |
| 1828 | Day-Ahead Import Failure Charge | Yes | -- | Yes | -- |
| 1829 | Day-Ahead Export Failure Charge | Yes | -- | Yes | -- |
| 1830 | Tariff Response Charge for Exports | Yes | -- | Yes | -- |
| 1880 | Tariff Response Charge for Exports Balancing Amount | Yes | -- | Yes | -- |
| 1850 | Day-Ahead Market Uplift | -- | Yes  (G) |  | Yes |
| 1851 | Day-Ahead Market Reliability Scheduling Uplift | -- | Yes  (DRSU) |  | Yes |
| 1852 | Day-Ahead Market Reliability Scheduling Virtual Uplift | -- | Yes  (DRSU) |  | Yes |
| 1865 | Day-Ahead Market Balancing Credit Uplift | -- | Yes  (G) |  | Yes |
| 1900 | Real-Time Make-Whole Payment - Lost Cost for Energy | Yes | -- | Yes | -- |
| 1901 | Real-Time Make-Whole Payment - Lost Cost for 10-Minute Spinning Reserve | Yes | -- | Yes | -- |
| 1902 | Real-Time Make-Whole Payment - Lost Cost for 10-Minute Non-Spinning Reserve | Yes | -- | Yes | -- |
| 1903 | Real-Time Make-Whole Payment - Lost Cost for 30-Minute Operating Reserve | Yes | -- | Yes | -- |
| 1904 | Real-Time Make-Whole Payment - Lost Opportunity Cost for Energy | Yes | -- | Yes | -- |
| 1905 | Real-Time Make-Whole Payment - Lost Opportunity Cost for 10-Minute Spinning Reserve | Yes | -- | Yes | -- |
| 1906 | Real-Time Make-Whole Payment - Lost Opportunity Cost for 10-Minute Non-Spinning Reserve | Yes | -- | Yes | -- |
| 1907 | Real-Time Make-Whole Payment - Lost Opportunity Cost for 30-Minute Operating Reserve | Yes | -- | Yes | -- |
| 1908 | Real-Time Make-Whole Payment - Operating Reserve Non-Accessibility Lost Cost Reversal | Yes | -- | Yes | -- |
| 1909 | Real-Time Make-Whole Payment - Operating Reserve Non-Accessibility Lost Opportunity Cost Reversal | Yes | -- | Yes | -- |
| 1910 | Real-Time Generator Offer Guarantee - Energy | Yes | -- | Yes | -- |
| 1911 | Real-Time Generator Offer Guarantee - Operating Reserve | Yes | -- | Yes | -- |
| 1912 | Real-Time Generator Offer Guarantee - Over Midnight | Yes | -- | Yes | -- |
| 1913 | Real-Time Generator Offer Guarantee - Start-up | Yes | -- | Yes | -- |
| 1914 | Real-Time Generator Offer Guarantee - RT Make-Whole Payment Offset | Yes | -- | Yes | -- |
| 1915 | Real-Time Generator Offer Guarantee - Clawback | Yes | -- | Yes | -- |
| 1917 | Real-Time Ramp Down Settlement Amount | Yes | -- | Yes | -- |
| 1920 | Generator Failure Charge - Market Price Component | Yes | -- | Yes | -- |
| 1921 | Generator Failure Charge - Guarantee Cost Component | Yes | -- | Yes | -- |
| 1927 | Real-Time Intertie Offer Guarantee | Yes | -- | Yes | -- |
| 1928 | Real-Time Import Failure Charge | Yes | -- | Yes | -- |
| 1929 | Real-Time Export Failure Charge | Yes | -- | Yes | -- |
| 1930 | Day-Ahead Market Reference Level Settlement Charge | Yes | -- | Yes | -- |
| 1931 | Real-Time Reference Level Settlement Charge | Yes | -- | Yes | -- |
| 1932 | Mitigation Amount for Physical Withholding - Energy | -- | -- | Yes | -- |
| 1933 | Mitigation Amount for Physical Withholding - 10S Operating Reserve | -- | -- | Yes | -- |
| 1934 | Mitigation Amount for Physical Withholding – 10N Operating Reserve | -- | -- | Yes | -- |
| 1935 | Mitigation Amount for Physical Withholding – 30R Operating Reserve | -- | -- | Yes | -- |
| 1936 | Mitigation Amount for Intertie Economic Withholding – Energy | -- | -- | Yes | -- |
| 1937 | Mitigation Amount for Intertie Economic Withholding – 10N Operating Reserve | -- | -- | Yes | -- |
| 1938 | Mitigation Amount for Intertie Economic Withholding – 30R Operating Reserve | -- | -- | Yes | -- |
| 1939 | Mitigation Amount for Intertie Economic Withholding – Make-Whole Payment | -- | -- | Yes | -- |
| 1940 | Reference Level and Reference Quantity Independent Review Process Settlement amount | -- | -- | Yes | -- |
| 1941 | Reference Level and Reference Quantity Independent Review Process Recovery Amount (Market) | -- | Yes  (G) | Yes | Yes |
| 1942 | Reference Level and Reference Quantity Independent Review Process Balancing Amount (IESO) | -- | -- | Yes | -- |
| 1950 | Real-Time Make-Whole Payment Uplift | -- | Yes  (G) | -- | Yes |
| 1960 | Real-Time Generator Offer Guarantee Uplift | -- | Yes  (G) | -- | Yes |
| 1967 | Real-Time Ramp Down Settlement Amount Uplift | -- | Yes  (G) | -- | Yes |
| 1970 | Generator Failure Charge - Market Price Component Uplift | -- | Yes  (G) | -- | Yes |
| 1971 | Generator Failure Charge - Guarantee Cost Component Uplift | -- | Yes  (G) | -- | Yes |
| 1977 | Real-Time Intertie Offer Guarantee Uplift | -- | Yes  (G) | -- | Yes |
| 1980 | Day-Ahead Market Reference Level Settlement Charge Uplift | -- | Yes  (G) | -- | Yes |
| 1981 | Real-Time Reference Level Settlement Charge Uplift | -- | Yes  (G) | -- | Yes |
| 1982 | Mitigation Amount for Physical Withholding Uplift | -- | -- | Yes | Yes |
| 1986 | Mitigation Amount for Intertie Economic Withholding Uplift | -- | -- | Yes | Yes |
| 2148 | Class B Global Adjustment Prior Period Correction Settlement Amount | -- | -- | Yes | -- |
| 2404 | Supplemental Reactive Support and Voltage Control Service Settlement Credit | Yes | -- | Yes | -- |
| 2470 | MOE - Ontario Electricity Support Program Balancing amount | -- | -- | Yes | -- |
| 6000 | Ontario Fair Hydro Plan - Regulatory Asset Transfer Amount | -- | -- | Yes | -- |
| 6050 | Ontario Fair Hydro Plan - Regulatory Asset Transfer Balancing Amount | -- | -- | Yes | -- |
| 6147 | Class A Global Adjustment Deferral Recovery Amount | -- | -- | Yes | -- |
| 6148 | Class B Global Adjustment Deferral Recovery Amount | -- | -- | Yes | -- |
| 9147 | Class A Global Adjustment Smoothing Balancing Amount | -- | -- | Yes | -- |
| 9148 | Class B Global Adjustment Smoothing Balancing Amount | -- | -- | Yes | -- |
| 9920 | Adjustment Account Credit | -- | Yes  (GCP) | -- | Yes |
| 9980 | Smart Metering Charge | Yes | -- | Yes | -- |
| 9982 | Ontario Rebate for Electricity Consumers (8% Provincial Rebate) Settlement Amount | -- | -- | Yes | -- |
| 9983 | Ontario Electricity Rebate Settlement Amount | -- | -- | Yes | -- |
| 9984 | COVID-19 Energy Assistance Program (CEAP) Balancing Amount | -- | -- | Yes | -- |
| 9990 | IESO Energy Market Administration Charge | Yes | -- | Yes | Yes |
| 9992 | Ontario Clean Energy Benefit (-10%) Program Settlement Amount | -- | -- | Yes | -- |
| 9996 | Recovery of Costs | -- | -- | Yes | -- |

#### 2.5.2 Automatic Generation of Charges and Anomalous Field Usage by Specific Charge Types

These are ‘automatic charges’ (see also, Table 2-5) generated from *delivery point* measurements, schedules, prices and *bid* / *offer* curves. They are generated automatically nightly. As described in section 2.2, the usage of detail record (type ‘DP’) fields may depart from the general description provided in Table 2-3. This Table 2-6 describes the particular use of Detail Record fields (type ‘DP’) by the particular *charge types* listed in the “Charge Type ID” field below. The field usage described in this table departs from what is normally used by Detail Records as per the general description provided in Table 2-3.

Table 2-6: Primary Charges – Specific Charge Columns

| Charge Type ID | Field ID | Short Description | Modified Description |
| --- | --- | --- | --- |
| 52, 104 | 32 | Injection TR Zone | Indicates the Injection TR Zone. |
| 52, 104 | 33 | Withdrawal TR Zone | Indicates the Withdrawal TR Zone. |
| 104 | 18 | TTC outage Flag | Indicates when the *transmission transfer capability* between a *withdrawal TR zone* and an *injection TR zone* has been reduced to zero due to an outage.  This field will have a value of “N” or “Y”. |
| 100 | 7 | Ontario Zone or CSP Zone | If this charge pertains to an injection or withdrawal within Ontario, this will indicate the Ontario Zone (‘ONZN’).  If this charge pertains to an import or export from Ontario, this will contain the CSP Zone. This zone is used for taxing purposes and will be either ‘NYSI’ (to indicate the US) or ‘MBSI’ (to indicate Canada).  If this charge pertains to a *Physical Bilateral Contract* at a *delivery point* within Ontario, this will indicate the Ontario Zone (‘ONZN’).  If this charge pertains to a *Physical Bilateral Contract* at an *Intertie Metering Point*, this will contain the zone in which the *Intertie* is located. |
| 100 | 8 | Ontario Delivery Point or CSP | If this charge pertains to an injection or withdrawal within Ontario, this will indicate the *Delivery Point* pertaining to this charge.  If this charge pertains to an import or export from Ontario, this will contain the CSP ID used to schedule the import or export.  If this charge pertains to *a Physical Bilateral Contract* at a *delivery point* within Ontario, this will indicate the *Delivery Point* specified in the contract.  If this charge pertains to a *Physical Bilateral Contrac*t at an *Intertie*, this will contain the *Intertie* Point ID specified in the contract. |
| 100 | 11 | Price | Indicates that the applicable 5-minute *energy market* price (EMPhm,t) at *delivery point* ‘m’ or 5-minute *energy market price* (EMPhi,t) at *intertie metering point* ‘i’ will be used for the measured energy quantity or *physical bilateral contract quantity of energy BOUGHT* or *SOLD* (BCQs,k,hm,tor BCQk,b,hm,t) in question. See also: “IESOCharge Types and Equations” section 2.5 for further details. |
| 100 | 17 | Tie Point ID | If this charge pertains to an injection or withdrawal within Ontario, this field will be NULL.  If this charge pertains to an import or export from Ontario, this will contain the *Intertie* ID used to schedule the import or export. |
| 100 | 18 | Tie Point Zone | If this charge pertains to an injection or withdrawal within Ontario, this field will be NULL.  If this charge pertains to an import or export from Ontario, this will contain the zone in which the *Intertie* is located. |
| 101 | 12 | Price 1 | Indicates that *the Hourly Ontario Energy Price (HOEP)* will be used for the measured energy quantity or *physical bilateral contract quantity of energy BOUGHT* (BCQs,k,hm,t) in question. See also: “IESO Charge Types and Equations” section 2.5 for further details. |
| 101 | 26 | total bilateral contract quantity sold | NOT USED |
| 101 | 28 | amount 1 | SUM OF:  all *physical bilateral contract quantities of energy* ***SOLD*** (BCQk,b,hm,t) TIMES EACH applicable 5-minute *energy market price* (EMPhm,t) at *delivery point* ‘m’ OR 5-minute *energy market price* (EMPhi,t) at *intertie metering point* ‘i’ (as the case may be)  FOR:  each *metering interval* ‘t’ in *settlement hour* ‘h’.  See also: “IESO Charge Types and Equations ” section 2.5 for further details. |
| 105, 106, 107, 108 | 32 | Reason Code | If these *charge types* are **at the *Interties*,** this field indicates the *reason code.* In this case, this field can have the values:   * ‘**TLRI**’ - denotes Internal Transmission Loading Relief (TLRI) events where CMSC payments should be provided as per normal calculations. * ‘**ORA**’- denotes Operating Reserve Activation (ORA) events where CMSC payments should be provided. * ‘**AUTO**’ denotes a constraining event triggered without intra-hour manual intervention where CMSC payments should be provided – OR - the absence of any constraining event at the *interties* at all.   The above codes apply to occurrences *charge types* 105, 106, 107, and 108 at the *interties* only. During instances where *charge types* 105, 106, 107, and 108 are not applicable to the *interties*, this field will have a null value. |
| 105 | 13 | Price 2 | This field contains the lower limit applied to the offer matrix “BE” for generation or import energy offers when this lower limit is applied as per *IESO* Market Rule 9.3.5.7 or NULL if this market rule is not applied |
| 122 | 11 | Start Ramp-down Hour | This field contains the start hour of the ramp-down period. (1 to 24) |
| 122 | 12 | Start Ramp-down Interval | This field contains the start interval of the ramp-down period. (1 to 24) |
| 122 | 20 | Start Ramp-down Date | This field contains the start date of the ramp-down period. (YYYYMMDD) |
| 122 | 28 | OP (MQSI) | This field contains the operating profit for the market quantity scheduled for injection. |
| 122 | 29 | OP (DQSI) | This field contains the operating profit for the dispatch quantity scheduled for injection. |
| 122 | 30 | OP (AQEI) | This field contains the operating profit for the AQEI. |
| 130 | 28 | Amount 1 | This field contains the negative value of the output of Operating Profit function (OP) for the *settlement hour* to which the charge type applies. See also: “IESO Charge Types and Equations” section 2.2 for further details. |
| 133 | 18 | Replacement Units | This field will be populated in the event that there was a replacement offer associated with the GCG event. value will be formatted as:  “RO:LLLLL1/LLLLL2”  Where:   * LLLLL1 indicates the original location ID * LLLLL2 indicates the replacement location ID |
| 133 | 32 | Eligibility Assessment Result | This field will provide an indication of the result of eligibility assessment.  If all tests were successful, the field will display “PASS” and one or more optional comma separated numeric ID as follow:   * 7 - indicates start-up cost payment not applicable * 8 - indicates revenue was equal to or exceeded applicable cost   If one or more test was unsuccessful, the field provide indication of which test was unsuccessful by including one or more comma separated numeric ID as follow:   * 1 - indicate pre-dispatch test * 2 - indicates MRT test * 3 - indicates ECON test * 4 - indicates pre-dispatch price test * 5 - indicates real-time price test * 6 - indicates invoke before sync test   e.g. EXCP:1,6 indicates that there was exception with both the pre-dispatch and invoke before sync tests. |
| 135 | 22 | Scheduled Import Quantity | This field contains the Real-time Import Scheduling Deviation (RT\_ISD) quantity.  Expressed as the average value for the hour:  T[MAX (PD\_DQSIk,hi,t - DQSIk,hi,t, 0)]/12  See also: “*IESO Charge Types and Equations*” section 2.2 for further details. |
| 135 | 30 | Amount 3 | Price Bias Adjustment Factor for Import transactions ($/MWh to the nearest cent). See also: “*IESO Charge Types and Equation*s” section 2.2 for further details. |
| 136 | 23 | Scheduled Export Quantity | This field contains the Real-time Export Scheduling Deviation (RT\_ESD) quantity.  Expressed as the average value for the hour:  T[MAX (PD\_DQSWk,hi,t - DQSWk,hi,t, 0)]/12  See also: “IESO Charge Types and Equations” section 2.2 for further details. |
| 136 | 30 | Amount 3 | Price Bias Adjustment Factor for Export transactions ($/MWh to the nearest cent). See also: “IESO Charge Types and Equations” section 2.2 for further details. |
| 140 | 10 | Billable Quantity | This will include the total net quantity used as the basis of the Fixed *Energy* Refund for the applicable *settlement hour*. This will therefore be an aggregation of the quantities used during all *metering intervals* during the *settlement hour* using the formulas described in "IESO Charge Types and Equations” |
| 140 | 11 | Price | The fixed *energy* rate (FPhm) used. |
| 141 | 11 | Price | Rate for a designated group of *charge types* (FPChm). See "IESO Charge Types and Equations” for further details. |
| 142, 193, 703, 705, 706, 1400, 1410, 1412, 1418, 1419, 1420, 1425 | 1 | Record Type | MP |
| 142 | 10 | Billable Quantity | Quantity of PFI |
| 142 | 19 | Total Quantity to Allocate/Uplift | Quantity of PTI |
| 144, 194 | 10 | Billable Quantity | This field contains the AQEI for the interval/hour related to the record. |
| 144, 194 | 11 | Price | This field contains the Energy Market Price (EMP) for the *metering interval* for a *delivery point* that is dispatchable ($/MWh). (If applicable.) |
| 144, 194 | 12 | Price 1 | This field contains the *Hourly Ontario Energy Price* (HOEP) for the hour for a *delivery point* that is non-dispatchable. (If applicable.) |
| 144, 194 | 13 | Price 2 | This field will show the Generator Regulated Price (GRP) which Nuclear station will be paid for generation into the *IESO-administered markets* ($/MWh) |
| 144, 194 | 14 | Factor | This field will show the percent of Nuclear generation included under this charge. The regulation specifies this value as 100% or 1.0 for the current implementation. |
|  |  |  |  |
|  |  |  |  |
| 145, 195 | 13 | Price 2 | This field will show the Generator Regulated Price (GRP) which Hydroelectric station will be paid for generation into the *IESO-administered* *markets* ($/MWh). |
| 145, 195  (Pre-MRP) | 14 | Hydroelectric station AQEI for hour | This field contains the total Hydroelectric generation (AQEI) quantity for the hour. |
| 145, 195  (Post-MRP) | 14 | Total Hydroelectric generation resource MWs | This field contains the total Hydroelectric generation measurement quantity or day-ahead schedule quantity for the trade day. |
|  |  |  |  |
| 145, 195  (Post-MRP) | 33 | Payment type | This field indicates the payment type for the hydroelectric generation resource. Valid values are:  “DAINC” - denoted incentive amount in day-ahead market  “RTINC” - denoted the incentive amount in the real-time market  “REG” - denotes the regulated settlement amount  “SBG” - denotes the surplus base-load generation settlement amount  “EMB” - denotes the embedded generation settlement amount |
| 146 | 14 | Market total quantity for Allocation of Uplift | This field contains the total market quantity for the allocation of the uplift. The quantity is the total AQEW plus the total Embedded Generator Energy Injection (EGEI) less the total Excluded Energy Quantity (EEQ) in units of MWh |
| 146 | 20 | Excluded Energy Quantity | This field contains the Excluded Energy Quantity (EEQ) for the *market participant* (energy in units of MWh) |
| 146 | 25 | Embedded Generator Energy Injection | This field contains the total Embedded Generator Energy Injection (EGEI) quantity for the *market participant* (energy in units of MWh) |
| 147 | 33 | Peak Demand Factor | This will contain the Peak Distribution Factor for the business associate. |
| 148 | 14 | Market total for Class B load – U.1 | This field contains the Total market Class B load (energy in units of MWh) – Total Storage Injection |
| 148 | 24 | Class B load | This field contains the Class B Load Qty (Monthly Load less Class A Load )) for the *market participant* (energy in units of MWh) |
| 148 | 20 | Excluded Energy Quantity | This field contains the Excluded Energy Quantity (EEQ) for the *market participant* (energy in units of MWh) |
| 148 | 25 | Embedded Generator Energy Injection | This field contains the total Embedded Generator Energy Injection (EGEI) quantity for the *market participant* (energy in units of MWh) |
| 148 | 28 | Ancillary Service LoadAmt1 | This field contains the energy withdrawn by a *market participant* generator in the course of providing Ancillary Services(energy in units of MWh) |
| 148 | 29 | Beck PGS Load | This field contains the energy withdrawn at Beck Pump Generating Station (energy in units of MWh) |
| 148 | 30 | Storage Facility Energy Injection | This field contains the total quantity of energy (in units of MWh) that the energy storage facilities of the *market participant* injected into either the IESO controlled grid or the grid of an LDC. |
| 196 | 19 | Market total quantity for allocation of uplift | This field contains the total settlement amount of Global Adjustment for the allocation of the uplift. |
| 197 | 19 | Market total quantity for allocation of uplift | This field contains the portion of Global Adjustment that relates to Special Programs not administered by the *OPA*. |
| 206, 208, 210 | 10 | Billable Quantity | The quantity of non-accessible OR for the location being settled |
| 206, 208, 210 | 14 | Aggregate generator Non-accessible OR Quantity | The total quantity of non-accessible OR for the aggregate generators |
| 206, 208, 210  (Post-MRP) | 20 | Constant | This field contains the reallocated excess available headroom for 10-minute spinning operating reserve for aggregated generators. |
| 206, 208, 210  (Post-MRP) | 28 | Amount 1 | This field contains the reallocated excess available headroom for 10-minute non-spinning operating reserve for aggregated generators. |
| 206, 208, 210  (Post-MRP) | 29 | Amount 2 | This field contains the reallocated excess available headroom for 30-minute *operating reserve* for aggregated *generators*. |
| 206, 208, 210  (Pre-MRP) | 30 | Maximum Capability (MAX\_CAP) | The maximum capability of the resource (if applicable) |
| 206, 208, 210  (Post-MRP) | 27 | Amount 3 | Indicates the Total Accessible Operating Reserve (TAOR) |
| 212, 214, 216 | 10 | Billable Quantity | The quantity of Day Ahead Operating Reserve scheduled for each class of *operating reserve* in the *day-ahead market.* |
| 212, 214, 216 | 11 | Price | Indicates the applicable *day-ahead market locational marginal price* for each class of operating reserve in the *day-ahead market.* |
| 213, 215, 217 | 10 | Billable Quantity | Sum of   * the quantity of day ahead operating reserve for each class of *operating reserve* in the *day-ahead market.* * the quantity of Real Time operating reserve for each class of *operating reserve* in the *real-time market.* |
| 213, 215, 217 | 11 | Price | Indicates the applicable *real-time market locational marginal price* for each class of operating reserve in the *real-time market*. |
| 213, 215, 217 | 27 | Day Ahead Market Quantity of Operating Reserve | The quantity of Day Ahead Operating Reserve scheduled for each class of operating reserve in the *real-time market.* |
| 600, 601, 602 | 10 | Sum of Peak Demand Quantities | Sum of all applicable peak *demand* quantities across all transmission *delivery points* across all *transmitters* (KW).  N.B.: units of measurement substitution. |
| 600, 601, 602 | 12 | Proportionality Factor | The proportionality factor applicable to the *transmitter* who receives the charge. |
| 600, 601, 602 | 28 | Total Tariff Charges | Sum of all applicable corresponding 65X charges across all transmission *delivery points* across all *transmitters* ($). |
| 603 | 10 | Sum of SQEW | Sum of SQEW quantities (MWh) for a **single** ZONE ID across all *market participants* conducting export transactions at that location during the *billing period*.  As a result of this arrangement, a separate detail record for *charge type* 603 will appear for each ZONE ID where an export occurred during the *billing period.*  These scheduled quantities are also for a **single** *Intertie Metering Point* ID. A separate detail record for charge 603 will appear for each *Intertie Metering Point* ID through which an export occurred during the *billing period.* |
| 650, 651, 652 | 8 | Transmission Delivery Point ID | The *delivery point* ID assigned by the *IESO* for transmission network charges (650) or transmission *connection charges* (651 and 652)*.* The establishment of such *delivery points* is subject to the *meter point* documentation provided by the *transmission* *customer’s meter service provider* subject to MR Ch.10.  The delivery point ID is a 6-character identifier. |
| 650, 651, 652 | 10 | Peak Demand Quantity | Relevant peak demand quantities for a **single** transmission delivery point (KW)  N.B.: units of measurement substitution. |
| 650, 651, 652 | 11 | Transmission Tariff Rate | *Transmission Tariff* Rate ($/KW).  N.B.: units of measurement substitution.  Subject to the applicable OEB Rate Order. |
| 650, 651, 652 | 28 | Demand Date | Indicates the *trading day* within the month from which the demand quantity for the relevant *transmission tariff* was used.  Subject to the applicable *OEB* Rate Order.  N.B. Column is date format YYYYMMDD converted to NUMBER. |
| 650, 651, 652 | 29 | Demand Hour | Indicates the hour within the Demand Date identified in column ID 28 from which the demand quantity for the relevant *transmission tariff* was used.  Subject to the applicable *OEB* Rate Order. |
| 650, 651, 652 | 32 | Transmitter Market Participant Short Name | The Short Name of the *Market Participant* who serves as the *transmitter* for the transmission *delivery point* specified in Column 8. |
| 653 | 10 | Sum of SQEW | Sum of SQEW quantities (MWh) for a **single** ZONE ID for the *market participant* engaging for all export transactions conducted by that *market participant* at that location during the *billing period*.  As a result of this arrangement, a separate detail record for *charge type* 653 will appear for each ZONE ID where the *market participant* has conducted an export transaction during the *billing period.*  These scheduled quantities are also for a **single** *Intertie Metering Point* ID. A separate detail record for charge 603 will appear for each *Intertie Metering Point* ID through which an export occurred during the *billing period.* |
| 653 | 32 | Transmitter Market Participant Short Name | The Short Name of the *Market Participant* who serves as the *transmitter* for the MSP specified in Column 17. |
| 653 | 11 | Export Tariff Price | The tariff price used for the applicable corresponding 653 charges (could be *transmitter* specific or generic). |
| 1050 | 28 | Amount1 | This field contains the negative value of the output of Operating Profit function (OP) for the *settlement interval* at minimum consumption to which the charge applies. (See also “*Charge Types and Equations*” section 2.2 for further details).  Note: This value applies to business rule 2 “**Non-Dispatchable Portion of Load**” only. The field will have a null value for all other business rules. |
| 1050 | 30 | Amount3 | This contains the business rule number which resulted in the Self-induced Dispatchable Load CMSC Clawback amount. (See also “*Charge Types and Equations*” section 2.2 for further details) |
| 1051 | 11 | Start Ramp-down Hour | This field contains the start hour of the ramp-down period. (1 to 24) |
| 1051 | 12 | Start Ramp-down Interval | This field contains the start interval of the ramp-down period. (1 to 24) |
| 1051 | 20 | Start Ramp-down Date | This field contains the start date of the ramp-down period. (YYYYMMDD) |
| 1100,1101, 1102,1103,1104,1105,1106,1107,1108,1109 | 7 | Ontario Zone | If this charge pertains to an injection or withdrawal within Ontario, this will indicate the Ontario Zone (‘ONZN’).  If this charge pertains to a *Physical Bilateral Contract* at a *delivery point* within Ontario, this will indicate the Ontario Zone (‘ONZN’). |
| 1100,1101, 1102,1103,1104,1105,1106,1107,1108,1109 | 8 | Ontario Delivery Point | If this charge pertains to an injection or withdrawal within Ontario, this will indicate the *Delivery Point* pertaining to this charge.  If this charge pertains to *a Physical Bilateral Contract* at a *delivery point* within Ontario, this will indicate the *Delivery Point* specified in the contract. |
| 1100,1102 | 10 | Billable Quantity | Indicates the quantity of *energy* scheduled for injection or withdrawal in the *day-ahead market*. |
| 1100,1102 | 11 | Price | Indicates the applicable *day-ahead market locational marginal price* (DAM\_LMPhm) for energy at *delivery point* ‘m’ |
| 1101, 1103 | 11 | Price | Prior to *market transition,* price indicates the applicable 5-minute *energy market* price (EMPhm,t) at *delivery point* ‘m’  Following the commencement of *market transition*, price indicates the applicable *real-time locational marginal price* (RT\_LMPhm,t) |
| 1101, 1103 | 22 | Scheduled Import Quantity | Always Zero (0) |
| 1101, 1103 | 23 | Scheduled Export Quantity | Always Zero (0) |
| 1101, 1103 | 21 | Percentage | Indicates the *physical bilateral contract* tax rate, applicable prior to *market* *transition*. |
| 1101, 1103 | 26 | Total Bilateral Quantity Sold | Indicates the *physical bilateral contract quantity of energy SOLD* (BCQk,b,hm,t) in question. See also: “IESOCharge Types and Equations” section 2.5 for further details. Applicable prior to *market transition*. |
| 1101, 1103 | 27 | Total Bilateral Quantity Bought | Indicates the *physical bilateral contract quantity of energy BOUGHT* (BCQs,k,hm,t) in question. See also: “IESOCharge Types and Equations” section 2.5 for further details. Applicable prior to *market transition*. |
| 1101, 1103 | 28 | Amount 1 | Indicates the of total dollar amount associated with the *physical bilateral contract:* ((BCQs,k,hm,tor BCQk,b,hm,t)\*(EMPhm,t)) See also: “IESOCharge Types and Equations” section 2.5 for further details. Applicable prior to *market transition*. |
| 1101, 1103 | 29 | Amount 2 | Indicates the tax amount associated with the *physical bilateral contract,* applicable prior to *market transition*. |
| 1101, 1103 | 27 | DAM Schedule Quantity | Indicates the quantity of *energy* scheduled for injection or withdrawal in the *day-ahead market* at the *delivery point.* |
| 1101, 1103 | 34 | Tax rate | The tax rate associated with the Ontario Zone for energy components of the charge |
| 1101, 1103 | 35 | Tax Amount | The tax amount associated with the Ontario Zone for energy components of the charge |
| 1104 | 10 | Billable Quantity | Sum of   * the quantity of *energy* scheduled for withdrawal (DAM\_QSWk,hm ) at the Price Responsive Load *delivery point* ‘m’; * the quantity of *energy* scheduled for withdrawal (DAM\_HDR\_QSWk,hm ) at the Physical Hourly Demand Response *delivery point* ‘m’; |
| 1104 | 11 | Price | Indicates the applicable *day-ahead market locational marginal price* (DAM\_LMPhm) for energy at *delivery point* ‘m’ |
| 1104 | 20 | HDR Scheduled Quantity | Indicates the quantity of *energy* scheduled for withdrawal in the *day-ahead market* at the Physical Hourly Demand Response *delivery point.* |
| 1104 | 27 | PRL Scheduled Quantity | Indicates the quantity of *energy* scheduled for injection or withdrawal in the *day-ahead market* at the Price Responsive Load *delivery point.* |
| 1105 | 10 | Billable Quantity | Sum of   * the quantity of *energy* scheduled for withdrawal (DAM\_QSWk,hm ) at the Price Responsive Load *delivery point* ‘m’; * the quantity of *energy* scheduled for withdrawal (DAM\_HDR\_QSWk,hm ) at the Physical Hourly demand *delivery point* ‘m’; * the quantity of *energy* injected and withdrawn at the Price Responsive Load *delivery point* ‘m’. |
| 1105 | 11 | Price | Indicates the applicable *real-time market locational marginal price* (RT\_LMPhm,t) for energy at *delivery point* ‘m’ |
| 1105 | 20 | HDR Scheduled Quantity | Indicates the quantity of *energy* scheduled for withdrawal in the *day-ahead market* at the Physical Hourly Demand Response *delivery point.* |
| 1105 | 27 | PRL Scheduled Quantity | Indicates the quantity of *energy* scheduled for injection or withdrawal in the *day-ahead market* at the Price Responsive Load *delivery point.* |
| 1106, 1107 | 10 | Billable Quantity | Indicates the quantity of *energy* scheduled for injection (DAM\_QVSIk,hv ) at the *virtual zonal resource* 'v' for a virtual supplier. |
| 1106, 1107 | 11 | Price | Indicates the applicable *day-ahead market* Ontario zonal price (DAM\_LMPhv) or *real-time market* Ontario zonal price (RT\_LMPhvz) for *energy* at the Ontario electrical zone 'z |
| 1108, 1109 | 10 | Billable Quantity | Indicates the quantity of *energy* scheduled for injection (DAM\_QVSIk,hv ) at the *virtual zonal resource* 'v' for a virtual load. |
| 1108, 1109 | 11 | Price | Indicates the applicable *day-ahead market* Ontario zonal price (DAM\_LMPhvz) or *real-time market* Ontario zonal price (RT\_LMPhvz) for *energy* at the Ontario electrical zone 'z. |
| 1110,1111, 1112,1113 | 7 | CSP Zone | This charge pertains to an import or export from Ontario, this will contain the CSP Zone. This zone is used for taxing purposes and will be either ‘NYSI’ (to indicate the US) or ‘MBSI’ (to indicate Canada).  If this charge pertains to a *Physical Bilateral Contract* at an *Intertie Metering Point*, this will contain the zone in which the *Intertie* is located. |
| 1110,1111, 1112, 1113 | 8 | CSP | This charge pertains to an import or export from Ontario, this will contain the CSP ID used to schedule the import or export.  If this charge pertains to a *Physical Bilateral Contrac*t at an *Intertie*, this will contain the *Intertie* Point ID specified in the contract. |
| 1110,1112 | 10 | Billable Quantity | Indicate the quantity of *energy* scheduled for injection or withdrawal in the *day-ahead market* at an *intertie metering point*. |
| 1110,1112 | 11 | Price | Indicates the applicable *day-ahead market locational market price* (DAM\_LMPhi) for energy at the *intertie metering point* 'i' |
| 1111,1113  (Post-MRP) | 10 | Billable Quantity | Sum of:   * the quantity of *energy* scheduled for injection or withdrawal in the *real-time market* at *intertie metering point;* and * the quantity of *energy* scheduled for injection or withdrawal in the *day-ahead market* at *intertie metering point* |
| 1111, 1113 | 11 | Price | Prior to *market transition,* price indicates that the applicable 5-minute *energy market* price (EMPhm,t) at *delivery point* ‘m’ or 5-minute *energy market price* (EMPhi,t) at *intertie metering point* ‘i’ will be used for the measured energy quantity or *physical bilateral contract quantity of energy BOUGHT* or *SOLD* (BCQs,k,hm,tor BCQk,b,hm,t) in question. See also: “IESOCharge Types and Equations” section 2.5 for further details.  Subsequent to *market transition*, this is the applicable *real-time market locational market price* (RT\_LMPhi,t) for *energy* at the *intertie metering point* 'i' |
| 1111, 1113 | 17 | Tie Point ID | If this charge pertains to an injection or withdrawal within Ontario, this field will be NULL.  If this charge pertains to an import or export from Ontario, this will contain the *Intertie* ID used to schedule the import or export. |
| 1111, 1113 | 18 | Tie Point Zone | If this charge pertains to an injection or withdrawal within Ontario, this field will be NULL.  If this charge pertains to an import or export from Ontario, this will contain the zone in which the *Intertie* is located. |
| 1111, 1113  Pre-MRP | 21 | Percentage | Indicates the *physical bilateral contract* tax rate |
| 1111, 1113  Pre-MRP | 26 | Total Bilateral Quantity Sold | Indicates the *physical bilateral contract quantity of energy SOLD* (BCQk,b,hm,t) in question. See also: “IESOCharge Types and Equations” section 2.5 for further details. |
| 1111, 1113  Pre-MRP | 27 | Total Bilateral Quantity Bought | Indicates the *physical bilateral contract quantity of energy BOUGHT* (BCQs,k,hm,t) in question. See also: “IESOCharge Types and Equations” section 2.5 for further details. |
| 1111,1113 | 27 | DAM Schedule Quantity | Indicates the quantity of *energy* scheduled for injection or withdrawal in the *day-ahead market* at the *intertie metering point.* |
| 1111, 1113  Pre-MRP | 28 | Amount 1 | Indicates the of total dollar amount associated with the *physical bilateral contract:* ((BCQs,k,hm,tor BCQk,b,hm,t)\*(EMPhm,t)) See also: “IESOCharge Types and Equations” section 2.5 for further details. |
| 1111, 1113  Pre-MRP | 29 | Amount 2 | Indicates the tax amount associated with the *physical bilateral contract* |
| 1111, 1113 | 34 | Tax rate | The tax rate associated with the CSP for energy components of the charge |
| 1111, 1113 | 35 | Tax Amount | The tax amount associated with the CSP for energy components of the charge |
| 1114,  1115  (Pre-MRP) | 12 | Price 1 | Indicates that *the Hourly Ontario Energy Price (HOEP)* will be used for the measured energy quantity or *physical bilateral contract quantity of energy BOUGHT* (BCQs,k,hm,t) in question. See also: “IESO Charge Types and Equations” section 2.5 for further details. |
| 1114,  1115  (Pre-MRP) | 21 | Percentage | Indicates the *physical bilateral contract* tax rate |
| 1114,  1115  (Pre-MRP) | 22 | Scheduled Import Quantity | Always Zero (0) |
| 1114,  1115  (Pre-MRP) | 23 | Scheduled Export Quantity | Always Zero (0) |
| 1114,  1115  (Pre-MRP) | 26 | Total bilateral contract quantity sold |  |
| 1114,  1115  (Pre-MRP) | 27 | Total bilateral contract quantity bought |  |
| 1114,  1115  (Pre-MRP) | 28 | Amount 1 | SUM OF:  all *physical bilateral contract quantities of energy* ***SOLD*** (BCQk,b,hm,t) TIMES EACH applicable 5-minute *energy market price* (EMPhm,t) at *delivery point* ‘m’ OR 5-minute *energy market price* (EMPhi,t) at *intertie metering point* ‘i’ (as the case may be)  FOR:  each *metering interval* ‘t’ in *settlement hour* ‘h’.  See also: “IESO Charge Types and Equations ” section 2.5 for further details. |
| 1114,  1115  (Pre-MRP) | 29 | Amount 2 | Indicates the tax amount associated with the *physical bilateral contract* |
| 1115  (Post-MRP) | 11 | Price | This is the sum of the *day-ahead Ontario zonal price* (DAM\_OZPhz) and the load forecast deviation adjustment (LFDAh) or in the case of a day-ahead failure, the *real-time Ontario zonal price* (RT\_OZPhz) |
| 1115  (Post-MRP) | 12 | Price 1 | Indicates the *day-ahead Ontario zonal price* (DAM\_OZPhz) or in the case of a day-ahead failure, the *real-time Ontario zonal price* (RT\_OZPhz) |
| 1115  (Post-MRP) | 13 | Load Forecast Deviation Adjustment | Indicates the load forecast deviation adjustment ($/MW)for an hour. |
| 1130 | 28 | Amount 1 | This field contains the negative value of the output of Operating Profit function (‘OP’) for the *settlement hour* to which the charge type applies. See also: “*IESO Charge Types and Equations*” section 2.2 for further details.  Note: this value in field 30 is subtracted from this amount to derive the *settlement amount* for this charge type*.* |
| 1130 | 30 | Amount 3 | Contains the hourly amount for charge type 105 (CMSC for *energy*: TDk,h,105i) that is used in the calculation of this *settlement amount.* |
| 1131 | 17 | intertie metering point ID | Tie Point ID |
| 1131 | 18 | intertie metering point zone | Tie Point Zone |
| 1134 | 12 | Price 1 | Price Bias Adjustment Factor for Import transactions ($/MWh to the nearest cent). |
| 1134 | 13 | Price 2 | Price Bias Adjustment Factor for Export transactions ($/MWh to the nearest cent). |
| 1134 | 15 | Location ID 1 | Sink Point (Intertie pt) of the Day-ahead linked wheel |
| 1134 | 16 | Location ID 2 | Source Point (Location) of the Day-ahead linked wheel. |
| 1134 | 17 | Intertie Metering Point ID | This field contains the Tie Point ID |
| 1134 | 18 | Intertie Metering Point Zone | This filed contains the Tie Point Zone |
| 1134 | 19 | Total quantity to uplift/allocate | This field contains the pre-dispatch price spread. |
| 1134 | 20 | Constant | This field contains the maximum of:   * The difference between the day-ahead import quantity and the hour ahead pre-dispatch import quantity and * The difference between the day-ahead export quantity and the hour ahead pre-dispatch export quantity. |
| 1134 | 28 | Amount 1 | This field contains the day-ahead price spread. |
| 1134 | 29 | Amount 2 | Real-time import failure charge for the import portion of the day-ahead linked wheel for the quantity failure from day-ahead to pre-dispatch. |
| 1134 | 30 | Amount 3 | Real-time export failure charge for the export portion of the day-ahead linked wheel for the quantity failure from day-ahead to pre-dispatch. |
| 1135 | 17 | Intertie Metering Point ID | This field contains the Tie Point ID |
| 1135 | 18 | Intertie Metering Point Zone | This field contains the Tie Point Zone |
| 1135 | 19 | Total Quantity to Allocate/Uplift/OP | This field contains the day-ahead constrained operating profit scheduled for injection for the settlement hour. |
| 1135 | 22 | Scheduled Import Quantity | This field contains the Day-Ahead Import Scheduling Deviation (DA\_ISD) quantity.  T[MAX (DA\_DQSIk,hi,t – PD\_DQSIk,hi,t, 0)] |
| 1135 | 28 | Amount 1 | This field contains the Pre-dispatch constrained operating profit scheduled for injection for the settlement hour. |
| 1135 | 29 | Amount 2 | This field contains the as-offered hour ahead pre-dispatch incremental energy cost (XPD\_BE). |
| 1135 | 30 | Amount 3 | This field contains the as-offered day-ahead incremental energy cost (XDA\_BE). |
| 1136 | 17 | Intertie Metering Point ID | This field contains the Tie Point ID |
| 1136 | 18 | Intertie Metering Point Zone | This filed contains the Tie Point Zone |
| 1136 | 19 | Total Quantity to Allocate/Uplift/OP | This field contains the day-ahead constrained operating profit scheduled for withdrawal for the settlement hour. |
| 1136 | 23 | Scheduled Export Quantity | This field contains the Day-Ahead Export Scheduling Deviation (DA\_ESD) quantity.  T[MAX (DA\_DQSWk,hi,t – PD\_DQSWk,hi,t, 0)] |
| 1136 | 28 | Amount 1 | This field contains the Pre-dispatch constrained operating profit scheduled for withdrawal for the settlement hour. |
| 1136 | 29 | Amount 2 | This field contains the as-offered hour ahead pre-dispatch incremental energy cost (XPD\_BL). |
| 1136 | 30 | Amount 3 | This field contains the as-offered day-ahead incremental energy cost (XDA\_BL). |
| 1137[[3]](#footnote-4) | 6 | settlement amount | This field contains the amount of reversal in dollars rounded to the nearest cent. This amount will be the LOWER of:   * the Real-time Intertie Offer Guarantee (charge type 130) * the Day-Ahead Intertie Offer Guarantee (*charge type* 1130) |
| 1137 (Please see footnote#3) | 28 | Amount 1 | Contains:   * ‘130’ if this charge type reverses a real-time IOG settlement amount (charge type 130) * ‘1130’ if this *charge type* reverses a day-ahead IOG *settlement amount* (*charge type* 1130) |
| 1139 | 6 | settlement amount | This field contains the amount of reversal in dollars rounded to the nearest cent. This amount will be the LOWER of:   * the Real-time Import Failure Charge (charge type 135) * the Day-Ahead Import Failure Charge (*charge type* 1135) |
| 1139 | 28 | Amount 1 | Contains:   * ‘135’ if this charge type reverses a Real-time Import Failure Charge settlement amount (charge type 135) * ‘1135’ if this *charge type* reverses Day-Ahead Import Failure Charge *settlement amount* (*charge type* 1135) |
| 1148 | 10 | Billable Quantity | This field contains the total quantity of energy (in units of MWh) that the energy storage facilities of the *market participant* injected into either the IESO controlled grid or the grid of an LDC. |
| 1148 | 11 | Price | This field contains the monthly GA Class B Rate at which the *market participant* is compensated for the energy injected by storage facilities |
| 1314 | 3 | Trading Date | Indicates the trade date used for settlement - always the last day of following month (ex. The month of May 2018 is settled as June 30, 2018) |
| 1314 | 10 | Billable Quantity | Indicates the total capacity |
| 1314 | 12 | Price 1 | Indicates the auction clearing price |
| 1314 | 15 | Location ID 1 | Indicates Obligation ID associated with the Availability Payment calculation |
| 1314 | 32 | Zone ID 1 | Indicates the year and month for which Availability Payment was calculated.  Format: character YYYYMM |
| 1315 | 3 | Trading Date | Indicates the trade date used for settlement - always the last day of following month (ex. The month of May 2016 is settled as June 30, 2016) |
| 1315 | 15 | Location 1 ID | Indicates Obligation ID associated with the Availability charge calculation |
| 1315 | 32 | Zone ID 1 | Indicates the trade date for which availability requirement for the day was not met.  Format: character YYYYMMDD |
| 1317 | 3 | Trading Date | Indicates the trade date used for settlement - always the last day of following month (ex. The month of May 2018 is settled as June 30, 2018) |
| 1317 | 12 | Price 1 | Indicates the hourly auction clearing price |
| 1317 | 15 | Location 1 ID | Indicates Obligation ID associated with the Dispatch Charge calculation |
| 1317 | 28 | Amount 1 | Indicates the expected DR curtailment for the hour |
| 1317 | 32 | Zone ID 1 | Indicates the trade date for which the resource failed to follow activation notice  Format: character YYYYMMDD |
| 1317 | 33 | Zone ID 2 | Indicates the trade hour for which the resource failed to follow activation notice  Format: HH |
| 1318 | 3 | Trading Date | Indicates the trade date used for settlement - always the last day of following month (ex. The month of May 2018 is settled as June 30, 2018) |
| 1318 | 15 | Location 1 ID | Indicates Obligation ID associated with the Capacity Charge calculation |
| 1318 | 32 | Zone ID 1 | Indicates the year and month for which Capacity Charge was calculated.  Format: character YYYYMM |
| 1320 | 3 | Trading Date | Indicates the trade date used for settlement - always the last day of following month (ex. The month of May 2020 is settled as June 30, 2020) |
| 1320 | 10 | Billable Quantity | Indicates the Measured Demand Response Capacity |
| 1320 | 12 | Price 1 | Indicates the HDR Activation Test Payment Price for a test activation payment OR  (Bid Price – HOEP) for an emergency activation payment. |
| 1320 | 15 | Location 1 ID | Indicates the Obligation ID associated with the Out of Market Activation Payment calculation |
| 1320 | 28 | Amount 1 | 1 indicates an emergency activation payment  2 indicates a test activation payment |
| 1320 | 32 | Zone ID 1 | Indicates the trade date for which the Out of Market Activation Payment applies  Format: character YYYYMMDD |
| 1320 | 33 | Zone ID 2 | Indicates the trade hour for which the Out of Market Activation Payment applies  Format: HH |
| 1401 | 12 | Price 1 | Indicates that the Hourly Ontario Energy Price (HOEP). |
| 1401 | 28 | Amount 1 | This field contains the Mega-Watts (MW) used in “Incremental Loss Cost (ILC)” Calculations. |
| 1401 | 29 | Amount 2 | This field contains the Mega-Vars (MVAR) used in “Incremental Loss Cost (ILC)” Calculations. |
| 1401 | 30 | Amount 3 | This field indicates 1 for HV(High Voltage) and 2 for LV(Low Voltage) |
| 1402 | 12 | Price 1 | Indicates that the Hourly Ontario Energy Price (HOEP). |
| 1402 | 13 | Price 2 | This field contains Hourly Uplift for the ASP. |
| 1402 | 20 | constant | This field indicate 230 Units Attracting Uplifts as used in “Reactive Support of Voltage Control Contract”. |
| 1402 | 28 | Amount 1 | This field contains the Net Condense requirement 115 as used in “Reactive Support and Voltage Control Service Contract”. |
| 1402 | 29 | Amount 2 | This field contains the Net Condense requirement 230 as used in “Reactive Support and Voltage Control Service Contract”. |
| 1402 | 30 | Amount 3 | This field contains Number of Additional 230 kV Units as used in “Reactive Support and Voltage Control Service Contract”. |
| 1405 | 12 | Price 1 | Indicates that the Hourly Ontario Energy Price (HOEP). |
| 1405 | 13 | Price 2 | This field contains Hourly Uplift Rate for an ASP. |
| 1406 | 12 | Price 1 | This field contains Non-hourly Uplift Rate for an ASP. |
| 1407 | 11 | Price | Transmission Tariff Rate ($/KW). |
| 1407 | 28 | Amount 1 | This field contains the Revised Peak Date for transmission tariff reimbursement payments for the Delivery Point. |
| 1407 | 29 | Amount 2 | This field contains the Revised Peak Hour for transmission tariff reimbursement payments for the Delivery Point. |
| 1407 | 30 | Amount 3 | This field contains the Revised Peak Demand for transmission tariff reimbursement payments for the Delivery Point. |
| 1409 | 12 | Price 1 | This field contains Non-hourly Uplift Rate for each ASP. |
| 1409 | 28 | Amount 1 | This field indicate 115 kV Units as used in “Reactive Support and Voltage Control Service Contract”. |
| 1409 | 29 | Amount 2 | This field indicate 230 kV units attracting uplifts as used in “Reactive Support and Voltage Control Service Contract”. |
| 1500 | 20 | Constant | This contains the MLP used in the calculation of Component 1 clawback. |
| 1500 | 28 | Amount 1 | This contains the calculated Component 1 amount. |
| 1500 | 29 | Amount 2 | This contains the calculated Component 1 Clawback amount. |
| 1500 | 30 | Amount 3 | This contains the remaining MGBRT hours used in the calculation of Component 1 Clawback. |
| 1501 | 28 | Amount 1 | This contains the calculated value for XBE. |
| 1501 | 29 | Amount 2 | This contains the calculated value for XDA\_BE. |
| 1501 | 30 | Amount 3 | This contains a flag to indicate whether or not the submitted real time price curve was altered. A value of ‘1’ indicates the real time price curve was altered and a value “0” indicates that the real time price curve was not altered. |
| 1502 | 20 | Constant | This contains the MLP used in the calculation of Component 1 clawback. |
| 1502 | 28 | Amount 1 | This contains the calculated Component 3 amount. |
| 1502 | 29 | Amount 2 | This contains the calculated Component 3 clawback amount. |
| 1502 | 30 | Amount 3 | This contains the remaining MGBRT used in the calculation of Component 3 Clawback. |
| 1503 | 10 | Quantity of 30R operating reserve | This field contains the quantity of energy in the 30-minutes operating reserve market that is used in the calculation of Component 4. |
| 1503 | 14 | Quantity of 10NS operating reserve | This field contains the quantity of energy in the 10-minutes non-spinning operating reserve market that is used in the calculation of Component 4. |
| 1503 | 20 | Quantity of 10S operating reserve | This field contains the quantity of energy in the 10-minutes spinning operating reserve market that is used in the calculation of Component 4. |
| 1503 | 28 | Amount 1 | This contains the operation profit of the 30-minutes operating reserve. |
| 1503 | 29 | Amount 2 | This contains the operation profit of the 10-minutes non-spinning operating reserve. |
| 1503 | 30 | Amount 3 | This contains the operation profit of the 10-minutes spinning operating reserve. |
| 1504 | 4 | Trade hour | This contains the starting hour of the EDAC start event |
| 1504 | 20 | Constant | This contains the number of interval between 7 and 18 to achieve MLP. |
| 1504 | 28 | Amount 1 | This contains the start-up cost for the EDAC start event. |
| 1504 | 30 | Amount 3 | This contains the last hour in the EDAC start event |
| 1505 | 4 | Trade hour | This contains the starting hour of the EDAC start event |
| 1505 | 30 | Amount 3 | This contains the last hour in the EDAC start event |
| 1510 | 4 | Trade Hour | This contains the start hour of each start event. |
| 1510 | 28 | Amount 1 | This will contain a flag which indicates if the *market participant* provided notice to IESO of their intention to withdraw at least 4 hour prior to the dispatch hour. |
| 1800 | 6 | Settlement Amount | This field contains the calculated Component 1 amount.  This amount can be positive, negative or zero, however, the sum of charge code 1800, 1801, 1802 and 1803 will always be a payment. |
| 1800 | 14 | Physical HDR DAM Scheduled Quantity | This the quantity of *energy* scheduled for withdrawal in *day-ahead market* for a *physical hourly demand resource* that is registered at a *price responsive load, when applicable.* |
| 1800 | 15 | Start Event ID | This field contains a unique number that identifies each start event for a hydroelectric *generation resource*. More information on the determination of a start event can be found in Market Manual 5.5, section 2.3.1.1. |
| 1800 | 17 | Tie Point ID | If this charge pertains to an injection or withdrawal within Ontario, this field will be NULL.  If this charge pertains to an import or export from Ontario, this will contain the *Intertie* ID used to schedule the import or export. |
| 1800 | 18 | Tie Point Zone | If this charge pertains to an injection or withdrawal within Ontario, this field will be NULL.  If this charge pertains to an import or export from Ontario, this will contain the zone in which the *Intertie* is located. |
| 1800 | 19 | Operating profit of DAM Schedule | This field contains the operating profit for the quantity of *energy* scheduled for injection or withdrawal in the *day-ahead market*.  For a steam turbine that is associated with a *pseudo-unit*, this represents the operating profit of the derived quantity of *energy* scheduled for injection (DAM\_DIGQk,hs) in the *day-ahead market* as determined in Appendix 9.3. |
| 1800 | 28 | Operating profit of DAM EOP | This field contains the operating profit of the economic operating point in the *day-ahead market* at a *delivery point* or an *intertie metering point*. |
| 1800 | 29 | Operating profit of Physical HDR DAM Schedule | This field contains the operating profit of the quantity of *energy* scheduled for withdrawal in *day-ahead market* for a *physical hourly demand resource* that is registered at a *price responsive load, when applicable* |
| 1800 | 30 | Amount 3 | If this charge pertains to a *physical hourly demand* *delivery point*, this will contain the operating profit of the economic operating point in *day-ahead market*.  If this charge pertains to a *hydroelectric generation resource*, this will contain the operating profit of the *forbidden region* in the *day-ahead market*. |
| 1800 | 32 | Impact Test | Indicates if the *resource* was subjected to impact test for mitigation (Pass/Fail).  If the *resource* fails the impact test, *reference levels* are used to replace the submitted data when the applicable *settlement amount* is determined. |
| 1800 | 33 | Max Start Flag | Indicates if a hydroelectric *generation resource* had attained *maximum number of starts* within the trade day. |
| 1801, 1802,1803 | 6 | Settlement Amount | This field contains the calculated Component 2 amount for each class of operating reserve.  This amount can be positive, negative or zero, however, the sum of charge code 1800, 1801, 1802 and 1803 will always be a payment. |
| 1801, 1802,1803 | 14 | Economic Operating Point Scheduled Quantity | This is the economic operating point (MWs) for each class of *operating reserve* in the *day-ahead market* |
| 1801, 1802,1803 | 15 | Start Event ID | This field contains a unique number that identifies each start event for a hydroelectric *generation resource*. More information on the determination of a start event can be found in Market Manual 5.5, section 2.3.1.1. |
| 1801, 1802,1803 | 17 | Tie Point ID | If this charge pertains to an injection or withdrawal within Ontario, this field will be NULL.  If this charge pertains to an import or export from Ontario, this will contain the *Intertie* ID used to schedule the import or export. |
| 1801, 1802,1803 | 18 | Tie Point Zone | If this charge pertains to an injection or withdrawal within Ontario, this field will be NULL.  If this charge pertains to an import or export from Ontario, this will contain the zone in which the *Intertie* is located. |
| 1801, 1802,1803 | 28 | Operating profit of DAM EOP | This field contains the operating profit of the economic operating point in *day-ahead market* at a *delivery point* or an *intertie metering point*. |
| 1801, 1802,1803 | 29 | Operating profit of DAM EOP for Operating Reserve | This field contains the operating profit of the economic operating point for each class of *operating reserve* in *day-ahead market* at a *delivery point* or an *intertie metering point*. |
| 1801, 1802,1803 | 32 | Impact Test | Indicates if the *resource* was subjected to impact test for mitigation (Pass/Fail).  If the *resource* fails the impact test, *reference levels* are used to replace the submitted data when the *settlement amount* is determined. |
| 1801, 1802,1803 | 33 | Max Start Flag | Indicates if a hydroelectric *generation resource* had attained *maximum number of starts* within the trade day. |
| 1804 | 6 | Settlement Amount | This field contains the calculated Component 1 amount.  This amount can be positive, negative or zero, however, the sum of charge code 1804, 1805, 1806,1807 and 1808 will always be a payment. |
| 1804 | 20 | Number of Intervals for SNL | This field contains the number of intervals that the *GOG-eligible resource* was synchronized to the grid for the hour. |
| 1804 | 28 | Amount 1 | This field contains the total Speed-no-load payment. |
| 1804 | 29 | Amount 2 | This field contains the total dollar amount calculated during the ramp-up period |
| 1804 | 30 | Amount 3 | This field contains the operating profit for the quantity of *energy* scheduled for injection.  For a steam turbine that is associated with a *pseudo-unit*, this represents the operating profit of the derived quantity of *energy* scheduled for injection (DAM\_DIGQk,hs) in the *day-ahead market* as determined in Appendix 9.3. |
| 1804 | 32 | Impact Test | Indicates if the *resource* was subjected to impact test for mitigation (Pass/Fail).  If the *resource* fails the impact test, *reference levels* are used to replace the submitted data when the *settlement amount* is determined. |
| 1805 | 6 | Settlement Amount | This field contains the calculated Component 2 amount.  This amount can be positive, negative or zero, however, the sum of charge code 1804, 1805, 1806,1807 and 1808 will always be a payment. |
| 1805 | 28 | Amount 1 | This field contains the operating profit for 10 minute spinning *operating reserve* |
| 1805 | 29 | Amount 2 | This field contains the operating profit for 10 minute non-spinning *operating reserve* |
| 1805 | 30 | Amount 3 | This field contains the operating profit for 30 minute *operating reserve* |
| 1805 | 32 | Impact Test | Indicates if the *resource* was subjected to impact test for mitigation (Pass/Fail).  If the *resource* fails the impact test, *reference levels* are used to replace the submitted data when the *settlement amount* is determined. |
| 1806 | 6 | Settlement Amount | This field contain the calculated Component 3 clawback amount.  This amount can be positive, negative or zero, however, the sum of charge code 1804, 1805, 1806,1807 and 1808 will always be a payment. |
| 1806 | 20 | Number of Intervals for SNL | This field contains the number of intervals that the *GOG-eligible resource* was synchronized to the grid for the hour. |
| 1806 | 28 | Amount 1 | This field contains the total dollar amount clawback for Speed-no-load payment. |
| 1806 | 29 | Amount 2 | This contains the remaining number of MGBRT hours used in the calculation of Component 3. |
| 1806 | 30 | Amount 3 | This field contains the total dollar clawback amount up to MLP. |
| 1806 | 32 | Impact Test | Indicates if the *resource* was subjected to impact test for mitigation (Pass/Fail).  If the *resource* fails the impact test, *reference levels* are used to replace the submitted data when the *settlement amount* is determined. |
| 1807 | 4 | Trade hour | This field contains the starting hour of the DAM GOG commitment period. |
| 1807 | 6 | Settlement Amount | This field contains the calculated Component 4 amount for start-up.  This amount can be positive or zero, however, the sum of charge code 1804, 1805, 1806,1807 and 1808 will always be a payment. |
| 1807 | 20 | Number of Intervals for Start-up | This field will contain the number of intervals that is used in the start-up cost factor to determine the start-up payment for component 4.  If the *resource* achieved its MLP within the first 6 intervals, this value will be 0.  If the *resource* achieved its MLP between 7th and 18th intervals, this value will be between 1 and 11.  If the *resource* achieved its MLP after the first 18 intervals, the value will be 12 |
| 1807 | 28 | Start-up payment | This is the start-up cost as submitted in the 3-part offer. |
| 1807 | 29 | Mitigated start-up payment | This is the start-up cost that was mitigated during ex-ante mitigation, if applicable. |
| 1807 | 32 | Impact Test | Indicates if the *resource* was subjected to impact test for mitigation (Pass/Fail).  If the *resource* fails the impact test, *reference levels* are used to replace the submitted data when the *settlement amount* is determined. |
| 1808 | 6 | Settlement Amount | This field contains the calculated Component 5 amount.  This amount can be negative or zero, however, the sum of charge code 1804, 1805, 1806,1807 and 1808 will always be a payment. |
| 1815 | 17 | Tie Point ID | If this charge pertains to an injection or withdrawal within Ontario, this field will be NULL.  If this charge pertains to an import or export from Ontario, this will contain the *Intertie* ID used to schedule the import or export. |
| 1815 | 18 | Tie Point Zone | If this charge pertains to an injection or withdrawal within Ontario, this field will be NULL.  If this charge pertains to an import or export from Ontario, this will contain the zone in which the *Intertie* is located. |
| 1815 | 28 | Amount 1 | This field contains the operating profit of the minimum of lost opportunity cost economic operating point in *real-time market* and DAM Schedule quantity for energy at an *intertie metering point*. |
| 1815 | 29 | Amount 2 | This field contains the operating profit of the quantity scheduled for withdrawal (RT\_SQEIk,hi,t) in *real-time market* at an *intertie metering point*. |
| 1816 | 28 | Amount 1 | This contains the minimum of the RT lost opportunity cost EOP and day-ahead scheduled quantity for 10 minute spinning *operating reserve*. |
| 1816 | 29 | Amount 2 | This contains the minimum of the RT lost opportunity cost EOP and day-ahead scheduled quantity for 10 minute non-spinning *operating reserve*. |
| 1816 | 30 | Amount 3 | This contains the minimum of the RT lost opportunity cost EOP and day-ahead scheduled quantity for 30 minute *operating reserve*. |
| 1828 | 22 | Scheduled Import quantity | This field contains the Day-Ahead Scheduling Deviation (DAM\_ISD) quantity.  Expresses as a MWh value for the hour:  =  See also: “IESO Charge Type and Equations” section 2.2.2 for further details. |
| 1829 | 23 | Schedule Export Quantity | This field contains the Day-Ahead Scheduling Deviation (DAM\_ISD) quantity.  Expresses as a MWh value for the hour:  =  See also: “IESO Charge Type and Equations” section 2.2.2 for further details. |
| 1900 | 6 | Settlement Amount | This field contain the calculated Real-time Energy Lost Cost (RT\_ELC) component. Applicable to generators, loads and exporters only.  This amount can be positive, negative or zero, however, the sum of charge codes 1900, 1901, 1902, 1903, 1904, 1905,1906 and 1907 will always be a payment. |
| 1900 | 17 | Tie Point ID | If this charge pertains to an injection or withdrawal within Ontario, this field will be NULL.  If this charge pertains to an export from Ontario, this will contain the *Intertie* *Metering Point ID* used to schedule the export. |
| 1900 | 18 | Tie Point Zone | If this charge pertains to an injection or withdrawal within Ontario, this field will be NULL.  If this charge pertains to an export from Ontario, this will contain the zone in which the *Intertie* is located. |
| 1900 | 20 | DAM Quantity of Energy Withdrawn/Injected | This contains the quantity of scheduled for consumption or injection (MWh) in day-ahead at a *delivery point* or *intertie metering point* for an export transaction. |
| 1900 | 26 | RT LC EOP Quantity for Energy | This field contains the quantity of *energy* scheduled at the economic operating point for lost cost (MWH) in real-time. |
| 1900 | 28 | RT LC Operating Profit for Energy Scheduled | This field contains the lost cost operating profit for *energy* in real-time. |
| 1900 | 29 | RT LC EOP Operating Profit for Energy | This field contains the economic operating point lost cost operating profit for *energy* in real-time. |
| 1900 | 30 | Forbidden Region LC Operating Profit | This field contains the *forbidden region* lost cost operating profit (FROR\_LC) for *energy* in real-time. |
| 1900 | 32 | Impact Test | Indicates if the *resource* “passes” or “fails” the impact test for mitigation.  If the *resource* fails the impact test, *reference levels* are used to replace the submitted data when the *settlement amount* is determined. |
| 1901 | 6 | Settlement Amount | This field contains the calculated Real-time Operating Reserve Lost Cost (RT\_OLC) component for 10-minute spinning *operating reserve*.  This amount can be positive, negative or zero, however, the sum of charge codes 1900, 1901, 1902, 1903, 1904, 1905,1906 and 1907 will always be a payment. |
| 1901 | 17 | Tie Point ID | If this charge pertains to an injection or withdrawal within Ontario, this field will be NULL.  If this charge pertains to an import or export from Ontario, this will contain the *Intertie* ID used to schedule the import or export. |
| 1901 | 18 | Tie Point Zone | If this charge pertains to an injection or withdrawal within Ontario, this field will be NULL.  If this charge pertains to an import or export from Ontario, this will contain the zone in which the *Intertie* is located. |
| 1901 | 20 | DAM Operating Reserve for 10S | This contains the scheduled quantity for 10-minute spinning operating reserve (MWh) in day-ahead at a *delivery point* or *intertie metering point*. |
| 1901 | 26 | RT LC EOP Quantity for 10S | This field contains the economic operating point lost cost scheduled quantity for 10-minute spinning *operating reserve* (MWh) in real-time. |
| 1901 | 28 | Amount 1 | This field contains the operating profit of the maximum quantity of 10-minute spinning *operating reserve* scheduled in day-ahead and real-time, expressed as OP(Max(DAM\_QSORr1, RT\_QSORr1)) |
| 1901 | 29 | Amount 2 | This field contains the operating profit of the maximum quantity of 10-minute spinning *operating reserve* scheduled in day-ahead and lost cost economic operating point in real-time, expressed as OP(Max(RT\_OR\_LC\_EOPr1, RT\_QSORr1)) |
| 1901 | 32 | Impact Test | Indicates if the *resource* was subjected to impact test for mitigation (Pass/Fail).  If the *resource* fails the impact test, *reference levels* are used to replace the submitted data when the *settlement amount* is determined. |
| 1902 | 6 | Settlement Amount | This field contain the calculated Real-time Operating Reserve Lost Cost (RT\_OLC) component for 10-minute non-spinning *operating reserve*.  This amount can be positive, negative or zero, however, the sum of charge codes 1900, 1901, 1902, 1903, 1904, 1905,1906 and 1907 will always be a payment. |
| 1902 | 17 | Tie Point ID | If this charge pertains to an injection or withdrawal within Ontario, this field will be NULL.  If this charge pertains to an import or export from Ontario, this will contain the *Intertie* ID used to schedule the import or export. |
| 1902 | 18 | Tie Point Zone | If this charge pertains to an injection or withdrawal within Ontario, this field will be NULL.  If this charge pertains to an import or export from Ontario, this will contain the zone in which the *Intertie* is located. |
| 1902 | 20 | DAM Operating Reserve for 10N | This contains the scheduled quantity for 10-minute non-spinning *operating reserve* (MWh) in day-ahead at a *delivery point* or *intertie metering point*. |
| 1902 | 26 | RT LC EOP Quantity for 10N | This field contains the economic operating point lost cost scheduled quantity for 10-minute non-spinning *operating reserve* (MWh) in real-time. |
| 1902 | 28 | Amount 1 | This field contains the operating profit of the maximum quantity of 10-minute non-spinning *operating reserve* scheduled in day-ahead and real-time, expressed as OP(Max(DAM\_QSORr1, RT\_QSORr1)) |
| 1902 | 29 | Amount 2 | This field contains the operating profit of the maximum quantity of 10-minute non-spinning *operating reserve* scheduled in day-ahead and lost cost economic operating point in real-time, expressed as OP(Max(RT\_OR\_LC\_EOPr2, RT\_QSORr2)) |
| 1902 | 32 | Impact Test | Indicates if the *resource* “passes” or “fails” the impact test for mitigation.  If the *resource* fails the impact test, *reference levels* are used to replace the submitted data when the *settlement amount* is determined. |
| 1903 | 6 | Settlement Amount | This field contains the calculated Real-time Operating Reserve Lost Cost (RT\_OLC) component for 30-minute *operating reserve*.  This amount can be positive, negative or zero, however, the sum of charge codes 1900, 1901, 1902, 1903, 1904, 1905,1906 and 1907 will always be a payment. |
| 1903 | 17 | Tie Point ID | If this charge pertains to an injection or withdrawal within Ontario, this field will be NULL.  If this charge pertains to an import or export from Ontario, this will contain the *Intertie* ID used to schedule the import or export. |
| 1903 | 18 | Tie Point Zone | If this charge pertains to an injection or withdrawal within Ontario, this field will be NULL.  If this charge pertains to an import or export from Ontario, this will contain the zone in which the *Intertie* is located. |
| 1903 | 20 | DAM Operating Reserve for 30R | This contains the scheduled quantity for 30-minute *operating reserve* (MWh) in day-ahead at a *delivery point* or *intertie metering point*. |
| 1903 | 26 | RT LC EOP Quantity for 30R | This field contains the economic operating point lost cost scheduled quantity for 30-minute *operating reserve* (MWh) in real-time. |
| 1903 | 28 | Amount 1 | This field contains the operating profit of the maximum quantity of 30-minute *operating reserve* scheduled in day-ahead and real-time, expressed as OP(Max(DAM\_QSORr3, RT\_QSORr3)) |
| 1903 | 29 | Amount 2 | This field contains the operating profit of the maximum quantity of 30-minute *operating reserve* scheduled in day-ahead and lost cost economic operating point in real-time, expressed as OP(Max(RT\_OR\_LC\_EOPr3, RT\_QSORr3)) |
| 1903 | 32 | Impact Test | Indicates if the *resource* “passes” or “fails” the impact test for mitigation.  If the *resource* fails the impact test, *reference levels* are used to replace the submitted data when the *settlement amount* is determined. |
| 1904 | 6 | Settlement Amount | This field contains the calculated Real-time Energy Lost Opportunity Cost (RT\_ELOC) component. Applicable to *generators* and loads only.  This amount can be positive, negative or zero, however, the sum of charge codes 1900, 1901, 1902, 1903, 1904, 1905,1906 and 1907 will always be a payment. |
| 1904 | 26 | RT LOC EOP Quantity for Energy | This field contains the quantity of *energy* scheduled at the economic operating point for lost opportunity cost (MWH) in real-time. |
| 1904 | 28 | RT LOC Operating Profit for Energy Scheduled | This field contains the lost opportunity cost operating profit for *energy* in real-time. |
| 1904 | 29 | RT LOC EOP Operating Profit for Energy | This field contains the economic operating point lost opportunity cost operating profit for *energy* in real-time. |
| 1904 | 30 | Forbidden Region LC Operating Profit | This field contains the *forbidden region* lost opportunity cost operating profit (FROR\_LOC) for *energy* in real-time. |
| 1904 | 32 | Impact Test | Indicates if the *resource* “passes” or “fails” the impact test for mitigation.  If the *resource* fails the impact test, *reference levels* are used to replace the submitted data when the *settlement amount* is determined. |
| 1905 | 6 | Settlement Amount | This field contains the calculated Real-time Operating Reserve Lost Opportunity Cost (RT\_OLOC) component for 10-minute spinning operating reserve. Applicable to *generators* and loads only.  This amount can be positive, negative or zero, however, the sum of charge codes 1900, 1901, 1902, 1903, 1904, 1905,1906 and 1907 will always be a payment. |
| 1905 | 26 | RT LOC EOP Quantity for 10S | This field contains the economic operating point lost opportunity cost scheduled quantity for 10-minute spinning operating reserve (MWh) in real-time. |
| 1905 | 28 | Amount 1 | This field contains the operating profit of the maximum quantity of 10-minute spinning operating reserve scheduled in real-time, expressed as OP(RT\_QSORr1)) |
| 1905 | 29 | Amount 2 | This field contains the operating profit of the maximum quantity of 10-minute spinning operating reserve scheduled lost opportunity cost economic operating point in real-time, expressed as OP(RT\_OR\_LOC\_EOPr1) |
| 1905 | 32 | Impact Test | Indicates if the *resource* “passes” or “fails” the impact test for mitigation.  If the *resource* fails the impact test, *reference levels* are used to replace the submitted data when the *settlement amount* is determined. |
| 1906 | 6 | Settlement Amount | This field contains the calculated Real-time Operating Reserve Lost Opportunity Cost (RT\_OLOC) component for 10-minute non-spinning operating reserve. Applicable to generators and loads only.  This amount can be positive, negative or zero, however, the sum of charge codes 1900, 1901, 1902, 1903, 1904, 1905,1906 and 1907 will always be a payment. |
| 1906 | 26 | RT LOC EOP Quantity for 10N | This field contains the economic operating point lost opportunity cost scheduled quantity for 10-minute non-spinning operating reserve (MWh) in real-time. |
| 1906 | 28 | Amount 1 | This field contains the operating profit of the maximum quantity of 10-minute non-spinning operating reserve scheduled in real-time, expressed as OP(RT\_QSORr2)) |
| 1906 | 29 | Amount 2 | This field contains the operating profit of the maximum quantity of 10-minute non-spinning operating reserve scheduled lost opportunity cost economic operating point in real-time, expressed as OP(RT\_OR\_LOC\_EOPr2) |
| 1906 | 32 | Impact Test | Indicates if the *resource* “passes” or “fails” the impact test for mitigation.  If the *resource* fails the impact test, *reference levels* are used to replace the submitted data when the *settlement amount* is determined. |
| 1907 | 6 | Settlement Amount | This field contains the calculated Real-time Operating Reserve Lost Opportunity Cost (RT\_OLOC) component for 30-minute operating reserve. Applicable to *generators* and loads only.  This amount can be positive, negative or zero, however, the sum of charge codes 1900, 1901, 1902, 1903, 1904, 1905,1906 and 1907 will always be a payment. |
| 1907 | 26 | RT LOC EOP Quantity for 30R | This field contains the economic operating point lost opportunity cost scheduled quantity for 30-minute operating reserve (MWh) in real-time. |
| 1907 | 28 | Amount 1 | This field contains the operating profit of the maximum quantity of 30-minute operating reserve scheduled in real-time, expressed as OP(RT\_QSORr3)) |
| 1907 | 29 | Amount 2 | This field contains the operating profit of the maximum quantity of 30-minute operating reserve scheduled lost opportunity cost economic operating point in real-time, expressed as OP(RT\_OR\_LOC\_EOPr3) |
| 1907 | 32 | Impact Test | Indicates if the *resource* “passes” or “fails” the impact test for mitigation.  If the *resource* fails the impact test, *reference levels* are used to replace the submitted data when the *settlement amount* is determined. |
| 1908 | 28 | Amount 1 | Lost Cost clawback for the non-accessible operating reserve scheduled for 10S in $ |
| 1908 | 29 | Amount 2 | Lost Cost clawback for the non-accessible operating reserve scheduled for 10N in $ |
| 1908 | 30 | Amount 3 | Lost Cost clawback for the non-accessible operating reserve scheduled for 30R in $ |
| 1908 | 32 | Impact Test | Indicates if the *resource* “passes” or “fails” the impact test for mitigation.  If the *resource* fails the impact test, *reference levels* are used to replace the submitted data when the *settlement amount* is determined. |
| 1908 | 28 | RT\_OLC Clawback for 10S | Real-time Lost Cost clawback (Component 2) for the non-accessible operating reserve scheduled for 10S in $ |
| 1908 | 29 | RT\_OLC Clawback for 10N | Real-Time Lost Cost clawback (Component 2) for the non-accessible operating reserve scheduled for 10N in $ |
| 1908 | 30 | RT\_OLC Clawback for 30R | Real-Time Lost Cost clawback (Component 2) for the non-accessible operating reserve scheduled for 30R in $ |
| 1908 | 32 | Impact Test | Indicates if the *resource* was subjected to impact test for mitigation (Pass/Fail).  If the *resource* fails the impact test, *reference levels* are used to replace the submitted data when the *settlement amount* is determined. |
| 1909 | 28 | RT\_OLOC Clawback for 10S | Real-time Lost Opportunity Cost clawback (Component 2) for the non-accessible operating reserve scheduled for 10S in $ |
| 1909 | 29 | RT\_OLOC Clawback for 10N | Real-Time Lost Opportunity Cost clawback (Component 2) for the non-accessible operating reserve scheduled for 10N in $ |
| 1909 | 30 | RT\_OLOC Clawback for 30R | Real-Time Lost Opportunity Cost clawback (Component 2) for the non-accessible operating reserve scheduled for 30R in $ |
| 1909 | 32 | Impact Test | Indicates if the *resource* was subjected to impact test for mitigation (Pass/Fail).  If the *resource* fails the impact test, *reference levels* are used to replace the submitted data when the *settlement amount* is determined. |
| 1910 | 6 | Settlement Amount | This field contains the calculated Component 1 amount.  This amount can be positive, negative or zero, however, the sum of charge codes 1910, 1911, 1912, 1913 and 1914 will always be a payment. |
| 1910 | 20 | DAM Ramp Revenue | This field contains the DAM ramp-up revenue that was earned during the RT ramp-up period. |
| 1910 | 28 | Speed-no-load Amount | This field contains the speed-no-load amount. |
| 1910 | 29 | RT Ramp-up Revenue | This field contains the RT ramp-up revenue that was earned during the RT ramp-up period. |
| 1910 | 30 | Amount 3 | This field contains the operating profit earned in real-time for an hour in the commitment period and is calculated as the maximum of OP(RT\_QSI) and OP(AQEI).  For a steam turbine that is associated with a pseudo-unit, this amount is the operating profit of the derived interval generator quantity for the commitment OP(RT\_CMT\_DIGQk,hs,t) |
| 1910 | 32 | Impact Test | Indicates if the *resource* “passes” or “fails” the impact test for mitigation.  If the *resource* fails the impact test, *reference levels* are used to replace the submitted data when the *settlement amount* is determined. |
| 1911 | 6 | Settlement Amount | This field contains the calculated Component 2 amount.  This amount can be positive, negative or zero, however, the sum of charge codes 1910, 1911, 1912, 1913 and 1914 will always be a payment. |
| 1911 | 28 | Operating profit for 10S | This field contains the operating profit for 10-minute spinning operating reserve scheduled quantity |
| 1911 | 29 | Operating profit for 10N | This field contains the operating profit for 10-minute non-spinning operating reserve scheduled quantity |
| 1911 | 30 | Operating profit for 30R | This field contains the operating profit for 30-minute operating reserve scheduled quantity. |
| 1911 | 32 | Impact Test | Indicates if the *resource* “passes” or “fails” the impact test for mitigation.  If the *resource* fails the impact test, *reference levels* are used to replace the submitted data when the *settlement amount* is determined. |
| 1912 | 6 | Settlement Amount | This field contains the calculated Component 3 amount.  This amount can positive, negative or zero, however, the sum of charge codes 1910, 1911, 1912, 1913 and 1914 will always be a payment. |
| 1912 | 20 | Number of Intervals for SNL | This field contains the number of intervals that the *GOG-eligible resource* was synchronized to the grid for the hour. |
| 1912 | 28 | Speed-no-load amount | This field contains the calculated speed-no-load amount. |
| 1912 | 29 | Amount 2 | This contains the remaining number of MGBRT hours used in the calculation of Component 3. |
| 1912 | 30 | Operating profit up-to MLP | This field contains the total dollar clawback amount up to MLP. |
| 1912 | 32 | Impact Test | Indicates if the *resource* “passes” or “fails” the impact test for mitigation.  If the *resource* fails the impact test, *reference levels* are used to replace the submitted data when the *settlement amount* is determined. |
| 1913 | 6 | Settlement Amount | This field contains the calculated Component 4 amount.  This amount can positive or zero, however, the sum of charge codes 1910, 1911, 1912, 1913 and 1914 will always be a payment. |
| 1913 | 20 | Number of intervals for Start-up | This field will contain the number of intervals that is used in the start-up cost factor to determine the start-up payment for component 4.  If the *resource* achieved its MLP within the first 6 intervals, this value will be 0.  If the *resource* achieved its MLP between 7th and 18th intervals, this value will be between 1 and 11.  If the *resource* achieved its MLP after the first 18 intervals, the value will be 12 |
| 1913 | 28 | Start-up cost in PD | This contains the start-up cost that was used by the Pre-dispatch calculation engine to commit the *GOG-eligible resource*. |
| 1913 | 29 | Start-up cost in DAM | This contains the start-up cost that was used by the Day-ahead market calculation engine to commit the *GOG-eligible resource*. |
| 1913 | 30 | DAM start-up cost mitigated flag | Indicates if the DAM start-up cost was mitigated. A value of “Y” indicates that the DAM start-up cost was mitigated, otherwise it will be “N”. |
| 1913 | 32 | Impact Test | Indicates if the *resource* “passes” or “fails” the impact test for mitigation.  If the *resource* fails the impact test, *reference levels* are used to replace the submitted data when the *settlement amount* is determined. |
| 1914 | 6 | Settlement Amount | This field contains the calculated Component 5 amount.  This amount can negative or zero, however, the sum of charge codes 1910, 1911, 1912, 1913 and 1914 will always be a payment. |
| 1914 | 32 | Impact Test | Indicates if the *resource* “passes” or “fails” the impact test for mitigation.  If the *resource* fails the impact test, *reference levels* are used to replace the submitted data when the *settlement amount* is determined. |
| 1915 | 28 | Component 2 Clawback for 10S | Component 2 Clawback of the RT GOG *settlement amount* for the non-accessible operating reserve scheduled for 10S in $ |
| 1915 | 29 | Component 2 Clawback for 10N | Component 2 Clawback of the RT GOG *settlement amount* for the non-accessible operating reserve scheduled for 10N in $ |
| 1915 | 30 | Component 2 Clawback for 30R | Component 2 Clawback of the RT GOG settlement amount for the non-accessible operating reserve scheduled for 30R in $ |
| 1915 | 32 | Impact Test | Indicates if the *resource* was subjected to impact test for mitigation (Pass/Fail).  If the *resource* fails the impact test, *reference levels* are used to replace the submitted data when the *settlement amount* is determined. |
| 1917 | 11 | Ramp Down Start Hour | This field contains the start interval of the ramp-down period. (1 to 24) |
| 1917 | 12 | Ramp down Start Interval | This field contains the start hour of ramp-down period. (1 to 24) |
| 1917 | 20 | Ramp Down Start Date | This field contains the start hour of ramp-down period. (YYYYMMDD) |
| 1917 | 28 | Amount 1 | Operating profit of the quantity of *energy* injected (AQEI) based on real-time *offer*.  If this charge is for a steam turbine that is associated with a *pseudo-unit*, the *offer* use is the derived interval price curve(RT\_DIPC). |
| 1917 | 29 | Amount 2 | Operating profit of the quantity of *energy* injected (AQEI) based on day-ahead *offer*, if applicable.  If this charge is for a steam turbine that is associated with a *pseudo-unit*, the *offer* use is the derived interval price curve(DAM\_DIPC). |
| 1917 | 32 | Impact Test | Indicates if the *resource* “passes” or “fails” the impact test for mitigation.  If the *resource* fails the impact test, *reference levels* are used to replace the submitted data when the *settlement amount* is determined. |
| 1920 | 28 | Amount 1 | Indicates if the *market participant* provided at least 4 hours of advance notice of a *generator failure* to IESO.  A value of “1” indicates notice was received less than 4 hours.  A value of “0” indicates notice was received 4 hours or greater. |
| 1920 | 32 | Amount 2 | This field contains the failed MWs in each interval of the failure event.  Refer to “IESO Charge Type and Equations” section 2.2.2 for further details. |
| 1921 | 4 | Trade hour | The first hour is the start hour of the failure event. |
| 1921 | 5 | Trade Interval | This field is always zero (“0”) |
| 1921 | 11 | Price 1 | This is a prorating factor (M1) based on quantity of *energy* that the *resource* failed to deliver and is rounded to 5 decimal places. |
| 1921 | 12 | Price 2 | This is a prorating factor (PD\_SU\_Ratio) that is used to determine the portion of the start-up cost that is included in the generator failure charge (rounded to 5 decimal places).  This is provided in the start hour of the failure event only. |
| 1921 | 20 | Pre-dispatch run number | This field indicates the number of the pre-dispatch run that issued the binding start or extension of a commitment. |
| 1921 | 28 | Amount 1 | This field contains the calculated start-up cost amount.  This is provided in the start hour of the failure event only. |
| 1921 | 29 | Amount 2 | This field contains the calculated speed-no-load amount. |
| 1921 | 30 | Amount 3 | This field contains the operating profit of the pre-dispatch quantity of *energy* schedule for injection in a pre-dispatch run. |
| 1921 | 32 | Failure Type | Indicates the type of failure (1 to 6).  The failure types are defined as:  1 - Fail to inject for entire MGBRT  2 – Late Start  3 – Fail to complete MGBRT  4 – Fail to complete extension and extension is within binding advisory schedule  5 - Fail to complete extension and extension is beyond binding advisory schedule  6 – Change to *single cycle mode* |
| 1928 | 22 | Scheduled Import quantity | This field contains the Real-Time Scheduling Deviation (RT\_ISD) quantity for an import.  Expresses as a MWh value for the hour:  = Max(PD\_QSIk,hi – Max(DAM\_QSIk,hi, SQEIk,hi),0)  See also: “IESO Charge Type and Equations” section 2.2.2 for further details. |
| 1928 | 30 | Amount 3 | Price Bias Adjustment Factor for Import transactions ($/MWh to the nearest cent) |
| 1929 | 23 | Schedule Export Quantity | This field contains the Real-Time Scheduling Deviation (RT\_ISD) quantity for an export.  Expresses as a MWh value for the hour:  = Max(PD\_QSWk,hi – Max(DAM\_QSWk,hi, SQEWk,hi),0)  See also: “IESO Charge Type and Equations” section 2.2.2 for further details. |
| 1929 | 30 | Amount 3 | Price Bias Adjustment Factor for Export transactions ($/MWh to the nearest cent) |
| 1930 | 12 | Price 1 | Price component (Pn) of the lower cost profile *reference level* for a *resource* in the *day-ahead market*.  See also: “IESO Charge Type and Equations” section 2.2.2 for further details. |
| 1931 | 12 | Price 1 | Price component (Pn) of the lower cost profile *reference level* for a *resource* in the *real-time market*.  See also: “IESO Charge Type and Equations” section 2.2.2 for further details. |

#### 2.5.3 Uplift Charge Types – Anomalous Field Usage

These are ‘Automatic *Uplift* Charge’ *charge types* as described in cross-reference Table 2-5.

As with the *charge types* listed in table 2-6, *uplift* *charge types* also utilize detail record (type ‘DP’) formats in a manner that departs from the general description provided in table 2-3. The purpose of Table 2-7, is to illustrate how various *uplift* *charge types* use specific fields within the detail record format.

For further information regarding *uplift* *charge types*, see also, “IESO Charge Types and Equations”. For further information regarding the composition and ‘disaggregation’ (sic) of *uplift,* please also see MR Ch.9 s.3.11.

Table 2-7: Uplift Charge Types – Specific Charge Columns

| Uplift Charge Type ID | Field ID | Short Description | Modified Description |
| --- | --- | --- | --- |
| 150, 155, 250, 252, 254, 186 | 7 | Zone ID | This column will only be filled in if the charge is due to *energy* transfer. If the charge is due to uplift reallocation, this field will not be filled in. |
| 150, 155, 250, 252, 254, 186 | 20 | Reallocated Quantity | This column will only be filled in if the charge is due to uplift reallocation. If the charge is due to *energy* transfer, this field will not be filled in. |
| 150 | 19 | Total $ to be Uplifted | Total *Settlement Amount* (*charge types* 100, 101, 103, 104, 1131) to be recovered from *market participants* for that particular hour. |
| 155 | 19 | Total $ to be Uplifted | Total Settlement Amount (charge types 105, 106, 107, 108) paid or collected for that particular hour across all market participants. |
| 186 | 19 | Total $ to be Uplifted | Total Settlement Amount (Charge types 135, 136, 1134, 1135, and 1136,1828, 1829, 1928, 1929) paid for that particular hour across all *market participant*s. |
| 192 | 6 | Total $ to be Uplifted | Total Charge 142 billed for that particular market participants. |
| 193 | 6 | Total $ to be Uplifted | Total Charge 193 billed for that particular market participants. |
| 250 | 19 | Total $ to be Uplifted | Total Settlement Amount (Charge types 200,206, 212, 213) paid for that particular hour across all market participants. |
| 252 | 19 | Total $ to be Uplifted | Total Settlement Amount (Charge types 202, 208, 214, 215) paid for that particular hour across all market participants. |
| 254 | 19 | Total $ to be Uplifted | Total Settlement Amount (Charge types 204, 210, 216, 217) paid for that particular hour across all market participants. |
| 451 | 19 | Total quantity to uplift/allocate | Total Settlement Amount (charge types 1401, 1402, 1404, 1405, 1451) to be recovered from *market participant*s for that particular hour. |
| 452 | 19 | Total quantity to uplift/allocate | Total Settlement Amount (charge types 1403, 1406, 1407, 1408, 1409) to be recovered from *market participants* for that particular hour. |
| 1450 | 6 | Total $ to be Uplifted | Total Charge 1400 billed for that particular market participants. |
| 1460 | 6 | Total $ to be Uplifted | Total Charge 1410 billed for that particular market participants. |
| 1462 | 6 | Total $ to be Uplifted | Total Charge 1412 billed for that particular market participants. |
| 1464 | 6 | Total $ to be Uplifted | Total Charge 1414 billed for that particular market participants. |
| 1468 | 6 | Total $ to be Uplifted | Total Charge 1418 billed for that particular market participants. |
| 1469 | 6 | Total $ to be Uplifted | Total Charge 1419 billed for that particular market participants. |
| 1475 | 6 | Total $ to be Uplifted | Total Charge 1425 billed for that particular market participants. |
| 1478 | 6 | Total $ to be Uplifted | Total Charge 1428 billed for that particular *market participant.* |
| 1550 | 14 | Sum of AQEW and scheduled export quantity | Sum of AQEW,SQEW for all MPs |
| 1550 | 19 | Total Quantity to uplift/allocate | Total $ to be uplifted (charges 1500, 1501, 1502, 1503, 1504, 1505) |
| 1550 | 23 | Allocated quantity of energy injected | Sum of SQEW for the MP |
| 1550 | 24 | Total bilateral quantity sold | Sum of AQEW for the MP |
| 1560 | 14 | Sum of AQEW and scheduled export quantity | Sum of AQEW,SQEW for all MPs |
| 1560 | 19 | Total Quantity to uplift/allocate | Total $ to be uplifted (Charge 1510) |
| 1560 | 23 | Allocated quantity of energy injected | Sum of SQEW for the MP |
| 1560 | 24 | Total bilateral quantity sold | Sum of AQEW for the MP |
| 1753 | 6 | Total $ to be Uplifted | Total Charge 703 billed for that particular market participant. |
| 1850 | 19 | Total $ to be Uplifted | Total Settlement Amount (Charge types 1800, 1801, 1802, 1803, 1804, 1805, 1806, 1807, 1808 and net of 1851 and 1852 (DAM\_P2\_AMT)) to be uplifted. |
| 1851 | 19 | Total $ to be Uplifted | Proportion of the DAM\_P2\_AMT allocated to all loads and exports |
| 1852 | 10 | Total virtual supply | Sum of virtual supply (“VSUP”) for all MPs |
| 1852 | 19 | Total $ to be Uplifted | Proportion of the DAM\_P2\_AMT allocated to all virtual supply |
| 1852 | 25 | Virtual supply | Sum of virtual supply (“VSUP”) for the MP |
| 1851, 1852 | 30 | DAM\_P2\_AMT | Total portion of the Day-Ahead Market Uplift charge 1850 due to scheduling of incremental import and new GOG-eligible commitment in Pass 2 of the Day-ahead market calculation engine. For more information refer to “IESO Charge Types and Equations” section 2.2.2. |
| 2470 | 6 | Total $ to be Uplifted | Total Charge 1420 billed for that particular market participant. |
| All hourly uplift types | 33 | ZONE ID 2 | Field 33 is only used to apply adjustments to hourly uplift charge types and is otherwise Null. When this field is not Null it will contain either “N\_MMDDHH\_ mmddhh” or “A\_MMDDHH\_ mmddhh”. The per unit allocation period is from Start Time = MMDDHH to End Time = mmddhh (MM and mm are the start and end months, DD and dd are the start and end days, HH and hh are the start and end hours.)  The "N" flag - will be used for normal, month-end charges. The "A" flag will be used for all post final adjustments (due to NOD, Dispute resolutions, etc.) to any uplift charges (any type: hourly or monthly), and for adjustments required by Administrative Price Event corrections, Negative Offer Price CMSC revisions, IOG Offset, and Local Market Power. |
| 1188 | 6 | Fuel Cost Compensation Credit Uplift | Total Charge 1138 billed for that particular *market participant.* |
| 1865 | 19 | Total $ to be Uplifted | Total Settlement Amount (Charge types 1815, 1816) to be recovered from *market participants* for that particular hour. |
| 1950 | 19 | Total $ to be Uplifted | Total Settlement Amount (Charge types 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, and 1909) to be recovered from *market participants* for that particular hour. |
| 1960 | 19 | Total $ to be Uplifted | Total Settlement Amount (Charge types 1910, 1911, 1912, 1913, 1914, and 1915) to be recovered from *market participants* for that particular trade day. |
| 1967 | 19 | Total $ to be Uplifted | Total Charge 1917 to be uplifted for that particular trade day. |
| 1970 | 19 | Total $ to be Uplifted | Total Charge 1920 to be uplifted for that particular hour. |
| 1971 | 19 | Total $ to be Uplifted | Total Charge 1921 to be uplifted for that particular trade day. |
| 1977 | 19 | Total $ to be Uplifted | Total Charge 1917 to be uplifted for that particular hour. |
| 1980 | 19 | Total $ to be Uplifted | Total Charge 1930 to be uplifted for that particular hour. |
| 1981 | 19 | Total $ to be Uplifted | Total Charge 1931 to be uplifted for that particular hour. |

#### 2.5.3 Manual Line Item Charge Types

These are ‘Manual Line Item’ *charge types* as described in cross-reference Table 2-5.

As described in Section 2.2, the usage of manual record (type ‘MP’) fields may depart from the general description provided in Table 2-4. This Table (2-8) describes the particular use of Manual Record fields (type ‘MP’) by the particular *charge types* listed in the “Charge Type ID” field below. The field usage described in this table departs from what is normally used by Manual Records as per the general description provided in Table 2-4.

Table 2-8: Manual Line Item Entries – Specific Charge Columns

| Charge Type ID | Field ID | Short Description | Modified Description |
| --- | --- | --- | --- |
| 111, 161, 121, 171 | 4 | Trading Hour | Primarily, this charge type is applied on a quarterly basis and this field will be ‘0’. |
| 111, 161, 121, 171 | 5 | Trading Interval | Always ‘0’.  This charge type will be applied primarily on a quarterly basis as applicable. |
| 111, 161, 121, 171 | 33 | Adjustment Comment | Comments may be used for residual claims for settlement as applicable. |
| 119 | 4 | Trading hour | Primarily, this charge is applied on a monthly basis and this field will be '0'. |
| 119 | 5 | Trading Interval | Always '0'. This charge type will be applied on a monthly basis as applicable |
| 119 | 7 | Zone ID | Zone ID for taxation purposes. Will be 'ONZN' in all instances. |
| 119 | 8 | Location ID | The facility may have multiple delivery points however the adjustment will display only one of the list of eligible station load delivery points for the facility. |
| 119 | 10 | Billable Quantity | This is the qualified monthly load for the facility |
| 119 | 33 | Adjustment Comment | Schema – General: [Settlement Type] [GSSR for] [Settlement month and year] [-] [Facility #][Facility number]  Schema – Format: ['Prelim' or 'Final' or 'True-Up']['GSSR for '] [Month YYYY][' - ']['Facility #'][##]  Schema – Example:Prelim GSSR for September 2011 - Facility #2 |
| 133, 137 | 4 | Trading Hour | The hour in which the underlying *generation facility* achieves synchronization with the *IESO-controlled grid* |
| 133, 137 | 5 | Trading Interval | The *metering interval* in which the underlying *generation facility* achieves synchronization with the *IESO-controlled grid* |
| 133, 137 | 7 | Zone ID | Zone ID for taxation purposes. Will be ‘ONZN’ in all instances. |
| 133 | 33 | Adjustment Comment | **Schema – General:**  [Trading Day], [combined guaranteed costs] , [applicable revenue used in the calculation] , [generation cost guarantee payment]  **Schema – Format:**  [dd-mmm-yyyy] [‘,’] [‘CGC=’] [‘,’] [combined guaranteed costs to the nearest cent] [‘,’] [‘GCG Earned Revenue=’] [‘,’] [applicable revenue used in the calculation to the nearest cent] [‘,’] [‘Generation Cost Guarantee Payment’]  **Example:**  14-Mar-2006,CGC=,27120,GCG Earned Revenue=,20100.13 ,Generation Cost Guarantee Payment |
| 137 | 33 | Adjustment Comment | **Schema - General:**  [Settlement Month], [Settlement Year], [Market Participant Name], [Market Participant Facility Name], [‘Generation Cost Guarantee - OBPS Reimbursement Settlement Amount’] |
| 140 | 4 | Trading Hour | Primarily, this *charge type* is applied on a monthly basis and this field will be ‘0’.  This *charge type* can be applied on an hourly basis (i.e. as an adjustment to an automatic, type ‘DP’ record), in which case the hour will be included. |
| 140 | 5 | Trading Interval | Always '0'. This *charge type* will be applied on a hourly or monthly basis as applicable |
| 140 | 33 | Adjustment Comment | Comments may be used for claims for retail settlement as may be determined by *applicable law* and regulations. |
| 141 | 4 | Trading Hour | Always '0'. This *charge type* will be applied on a MONTHLY basis |
| 141 | 5 | Trading Interval | Always '0'. This *charge type* will be applied on a MONTHLY basis |
| 141 | 33 | Adjustment Comment | Comments may be used for claims for retail settlement as may be determined by *applicable law* and regulations. |
| 123, 124, 142, 143, 149, 173, 192, 193, 199, 1142, 1192 | 4 | Trading Hour | Primarily, this *charge type* is applied on a monthly basis and this field will be ‘0’. |
| 123, 124, 142, 143, 149, 173, 192, 193, 199, 1142, 1192 | 5 | Trading Interval | Always '0'. This *charge type* will be applied on a monthly basis as applicable |
| 123, 124, 142, 143, 149, 173, 192, 193, 199, 1142, 1192 | 33 | Adjustment Comment | Comments may be used for residual claims for settlement as may be determined by *applicable law* and subsequent regulation. |
| 144, 194 | 11 | Price | Indicates either HOEP or EMP related to the adjustment |
| 144, 194 | 33 | Adjustment Comment | Comments may be used for residual claims for settlement as may be determined by *applicable law* and subsequent regulation. |
| 146 | 4 | Trading Hour | Primarily, this *charge type* is applied on a monthly basis and this field will be ‘0’. |
| 146 | 5 | Trading Interval | Always '0'. This *charge type* will be applied on a monthly basis as applicable |
| 146 | 10 | Billable Quantity | Indicates AQEW plus Embedded Generation Energy Injection (EGEI) value used in the calculation |
| 146 | 33 | Adjustment Comment | Comments may be used for residual claims for settlement as may  be determined by *applicable law* and subsequent regulation. |
| 147, 1350 | 4 | Trading Hour | Primarily, this *charge type* is applied on a monthly basis and this field will be ‘0’. |
| 147, 1350 | 5 | Trading Interval | Always '0'. This *charge type* will be applied on a monthly basis as applicable |
| 147, 1350 | 33 | Adjustment Comment | Comments may be used for residual claims for settlement as may be determined by *applicable law* and subsequent regulation. |
| 148, 1351, 2148 | 4 | Trading Hour | Primarily, this *charge type* is applied on a monthly basis and this field will be ‘0’. |
| 148, 1351, 2148 | 5 | Trading Interval | Always '0'. This *charge type* will be applied on a monthly basis as applicable |
| 148, 1351, 2148 | 10 | Billable Quantity | Indicates AQEW associated with Class B consumption used in the calculation |
| 148, 1351, 2148 | 33 | Adjustment Comment | Comments may be used for residual claims for settlement as maybe determined by *applicable law* and subsequent regulation. |
| 162 | 7 | Zone ID | Zone ID for taxation purposes. Will be ‘ONZN’ in all instances. |
| 190 | 4 | Trading Hour | Primarily, this *charge type* is applied on a monthly basis and this field will be ‘0’.  This *charge type* can be applied on an hourly basis (i.e. as an adjustment to an automatic, type ‘DP’ record), in which case the hour will be included. |
| 190 | 5 | Trading Interval | Always '0'. This *charge type* will be applied on a hourly or monthly basis as applicable |
| 190 | 33 | Adjustment Comment | Comments may be used for claims for retail settlement as may be determined by *applicable law* and regulations. |
| 191 | 4 | Trading Hour | Always '0'. This *charge type* will be applied on a MONTHLY basis |
| 191 | 5 | Trading Interval | Always '0'. This *charge type* will be applied on a MONTHLY basis |
| 191 | 33 | Adjustment Comment | Comments may be used for claims for retail settlement as may be determined by *applicable law* and regulations. |
| 196 | 4 | Trading Hour | Primarily, this *charge type* is applied on a monthly basis and this field will be ‘0’. |
| 196 | 5 | Trading Interval | Always '0'. This *charge type* will be applied on a monthly basis as applicable |
| 196 | 33 | Adjustment Comment | Comments may be used for residual claims for settlement as may  Be determined by *applicable law* and subsequent regulation. |
| 197 | 4 | Trading Hour | Primarily, this charge type is applied on a monthly basis and this field will be ‘0’. |
| 197 | 5 | Trading Interval | Always '0'. This charge type will be applied on a monthly basis as applicable |
| 197 | 33 | Adjustment Comment | Comments may be used for residual claims for settlement as may  Be determined by applicable law and subsequent regulation. |
| 650, 651, 652 | 8 | Transmission Delivery Point ID | The *delivery point* ID assigned by the *IESO* for transmission network charges (650) or transmission connection charges (651 and 652)*.* The establishment of such *delivery points* is subject to the meter point documentation provided by the *transmission* *customer’s meter service provider* subject to MR Ch.10 "  The delivery point ID is a 6-character identifier. |
| 653 | 7 | Zone ID | Zone ID for taxation purposes. Will be either “MBSI” or “NYSI” |
| 653 | 8 | Intertie Metering Point ID | Indicates the tie point (MSP ID) used to determine the *transmitter market participant.* |
| 850, 851 | 4 | Trading Hour | Primarily, this charge type is applied as required and this field will be ‘0’. |
| 850, 851 | 5 | Trading Interval | Always ‘0’.  This charge type will be applied as required. |
| 850, 851 | 33 | Adjustment Comment | Comments may be used for residual claims for settlement as applicable. |
| 1133 | 4 | Trading Hour | The hour in which the underlying *generation facility* achieves synchronization with the *IESO-controlled grid* |
| 1133 | 5 | Trading Interval | The *metering interval* in which the underlying *generation facility* achieves synchronization with the *IESO-controlled grid* |
| 1133 | 7 | Zone ID | Zone ID for taxation purposes. Will be ‘ONZN’ in all instances. |
| 1133 | 33 | Adjustment Comment | **Schema – General:**  [Trading Day], [day-ahead combined guaranteed costs] , [applicable revenue used in the calculation] , [day-ahead generation cost guarantee payment]  **Schema – Format:**  [dd-mmm-yyyy] [‘,’] [‘CGC=’] [‘,’] [day-ahead combined guaranteed costs to the nearest cent] [‘,’] [‘GCG Earned Revenue=’] [‘,’] [applicable revenue used in the calculation to the nearest cent] [‘,’] [‘Day-Ahead Generation Cost Guarantee Payment’]  **Example:**  14-Mar-2006,CGC=,27120,GCG Earned Revenue=,20100.13,Day-Ahead Generation Cost Guarantee Payment |
| 1137 | 4 | Trading Hour | The hour in which the underlying non-zero transactionwas scheduled in the day-ahead *pre-dispatch-of-record*. |
| 1137 | 5 | Trading Interval | Always '0'. This *charge type* will be applied on a HOURLY basis. |
| 1137 | 7 | Zone ID | Zone ID for taxation purposes. Will be ‘ONZN’ in all instances. |
| 1137 | 33 | Adjustment Comment | The day in which the underlying non-zero transaction was scheduled in the day-ahead pre-dispatch-of-record and the IOG floor value.  **Context 1: IOG\_REV**  **Schema – General:**  [Trading Day] , [intertie offer guarantee reversal]  **Schema – Format:**  [dd-mmm-yyyy] [‘,’] [‘Intertie Offer Guarantee Reversal’]  **Example:**  01-Jun-2006, Intertie Offer Guarantee Reversal  **Context 2: DA\_IOG{adj}**  **Schema – General:**  [Trading Day] , [intertie offer guarantee floor value] , [applicable revenue used in the calculation] , [day-ahead intertie offer guarantee adjustment]  **Schema – Format:**  [dd-mmm-yyyy] [‘,’] [‘IOG\_FV=’] [‘,’] [intertie offer guarantee floor value to the nearest cent] [‘,’] [‘Day-Ahead Intertie Offer Guarantee Adjustment’]  **Example:**  28-Jul-2006,IOG\_FV=,27120,Day-Ahead Intertie Offer Guarantee Adjustment |
| 1138  Pre-MRP | 4 | Trading Hour | The hour in which the underlying *generation facility* was scheduled in the day-ahead *pre-dispatch-of-record* synchronization with the *IESO-controlled grid* |
| 1138  Post-MRP | 4 | Trading Hour | The trade hour in which the underlying *GOG-eligible resource* was scheduled in the *day-ahead market* or *real-time market* to meet a *day-ahead operational commitment* or *pre-dispatch operational commitment.* |
| 1138 | 5 | Trading Interval | Always '0'. This *charge type* will be applied on a HOURLY basis |
| 1138 | 7 | Zone ID | Zone ID for taxation purposes. Will be ‘ONZN’ in all instances. |
| 1138  Pre-MRP | 33 | Adjustment Comment | The day in which the underlying *generation facility* was scheduled in the day-ahead *pre-dispatch-of-record* to achieve synchronization with the *IESO-controlled grid.* |
| 1138  Post-MRP | 33 | Adjustment Comment | The trade day in which the underlying *GOG-eligible resource* was scheduled in the *day-ahead market* or *real-time market* to meet a *day-ahead operational commitment* or *pre-dispatch operational commitment.* |
| 1148 | 4 | Trading Hour | Primarily, this *charge type* is applied on a monthly basis and this field will be ‘0’. |
| 1148 | 5 | Trading Interval | Always ‘0’. This *charge type* will be applied on a monthly basis as applicable |
| 1148 | 10 | Billable Quantity | This field contains the total quantity of energy (in units of MWh) that the energy storage facilities of the *market participant* injected into either the IESO controlled grid or the grid of an LDC. |
| 1148 | 11 | Price | This field contains the monthly GA Class B Rate at which the *market participant* is compensated for the energy injected by storage facilities |
| 1148 | 33 | Adjustment Comment | Comments may be used for residual claims for settlement as maybe determined by *applicable law* and subsequent regulation. |
| 1300-1308 | 4 | Trading Hour | Always ‘0’. This charge is applied on a monthly basis. |
| 1300-1308 | 5 | Trading Interval | Always ‘0’. This charge is applied on a monthly basis. |
| 1300-1308 | 10 | Billable Quantity | Indicates the MWh charged/paid for each corresponding charge type for the settlement month. |
| 1300-1308 | 11 | Price | This is rate, expressed in $/MWh from DR3 transferred into CBDR. |
| 1300-1308 | 33 | Adjustment Comment | **Schema – General:** [Demand Response Account] , [Trading Day] or [Demand Response Account], [Settlement Month] **Schema – Format:** [‘DR3xxxxxxxxxxxxxxxxx’][‘,’][yyyy/mm/dd] or [‘DR3xxxxxxxxxxxxxxxxx’][‘,’][yyyy/mm] |
| 1309 | 4 | Trading Hour | Always ‘0’. This charge is applied on a hourly or monthly basis. |
| 1309 | 5 | Trading Interval | Always ‘0’. This charge is applied on a hourly or monthly basis. |
| 1309 | 10 | Billable Quantity | Indicates the contracted capacity. |
| 1309 | 11 | Price | Indicates the availability rate. |
| 1309 | 33 | Adjustment Comment | **Schema – General:** [Settlement Month], [Total Hours of Availability for the Month]  **Schema – Format:** [‘Availability Payment for’] [yyyy/mm][‘,’][‘Total HOA=’][total hours of availability for the month] |
| 1310 | 4 | Trading Hour | Always ‘0’. This charge is applied on a hourly or monthly basis. |
| 1310 | 5 | Trading Interval | Always ‘0’. This charge is applied on a hourly or monthly basis. |
| 1310 | 10 | Billable Quantity | Indicates the contracted capacity. |
| 1310 | 11 | Price | Indicates the availability rate. |
| 1310 | 33 | Adjustment Comment | **Schema – General:** [Trading Day],[Trading Hour], [Unavailability Factor]  **Schema – Format:** [‘Availability Clawback for Trade Day=’][yyyy/mm/dd][‘,’][‘HE=’][Trading Hour][‘, ’][‘UF=’][unavailability factor rounded up to a max. of 5 decimal places] |
| 1311 | 4 | Trading Hour | Always ‘0’. This charge is applied on a monthly basis. |
| 1311 | 5 | Trading Interval | Always ‘0’. This charge is applied on a monthly basis. |
| 1311 | 33 | Adjustment Comment | **Schema – General:** [Settlement Month], [Curtailment Factor], [Availability Payment for Applicable Settlement Month], [total availability clawbacks for applicable settlement month]  **Schema – Format:** [‘Availability Charge for’][yyyy/mm][‘,’][‘CF=’][curtailment factor rounded up to a max. of 5 decimal places][‘,’][‘AP=’][availability payment for applicable settlement month rounded to the nearest cent][‘,’][‘Acl=’][total availability clawbacks for applicable settlement month rounded to the nearest cent] |
| 1312 | 4 | Trading Hour | Always ‘0’. This charge is applied on a monthly basis. |
| 1312 | 5 | Trading Interval | Always ‘0’. This charge is applied on a monthly basis. |
| 1312 | 33 | Adjustment Comment | **Schema – General:** [Settlement Month], [Adjustment Factor], [Availability Payment], [Amount Remaining for Adjustment]  **Schema – Format**: [‘Availability Adjustment for’][ yyyy/mm][‘,’][‘AF=’][adjustment factor rounded up to a max. of 5 decimal places][‘, ’][‘AP=’][availability payment for applicable settlement month rounded to the nearest cent][‘,’][‘AmtR=’][amount remaining for adjustment for the applicable settlement month calculated as availability payment + total availability clawbacks + availability charge rounded to the nearest cent] |
| 1313 | 4 | Trading Hour | Always ‘0’. This charge is applied on a unit commitment event basis within a month |
| 1313 | 5 | Trading Interval | Always ‘0’. This charge is applied on a unit commitment event basis within a month |
| 1313 | 33 | Adjustment Comment | Bid Guarantee charges are settled as payments in the settlement month and may be clawed back in the following month if unit commitment criteria (as per contract) are not met  **Schema – General:** [Event ID], [Number of Hours in Event], [Result of Max Events Per Day Not Exceeded Criteria Check], [Result of Economically Scheduled Criteria Check], [Result of Follow Schedule Criteria Check]  **Schema – Format**: [‘Demand Response Bid for Event=’][event id formatted as yyyymmddhh][‘,’][‘NumHr=’][Number of Hours in Event][‘,’][‘Max Events Per Day Not Exceeded=’][‘NA’ for payment, ‘P’ for Pass or ‘F’ for Fail][‘,’][‘Economically Scheduled=’][‘NA’ for payment,‘P’ for Pass or ‘F’ for Fail][‘,’][‘Follow Schedule=’][‘NA’ for payment,‘P’ for Pass or ‘F’ for Fail] |
| 1314  (Note: Effective trade month March 2018, this charge shall appear as an automatic charge as described in “IESO Charge Type and Equations” section 2.2.2) | 4 | Trading Hour | Always ‘0’. This charge is applied on a monthly basis. |
| 1314  (Note: Effective trade month March 2018, this charge shall appear as an automatic charge as described in “IESO Charge Type and Equations” section 2.2.2) | 5 | Trading Interval | Always ‘0’. This charge is applied on a monthly basis. |
| 1314  (Note: Effective trade month March 2018, this charge shall appear as an automatic charge as described in “IESO Charge Type and Equations” section 2.2.2) | 10 | Billable Quantity | Indicates the total demand response capacity obligation MW for the month. |
| 1314  (Note: Effective trade month March 2018, this charge shall appear as an automatic charge as described in “IESO Charge Type and Equations” section 2.2.2) | 11 | Price | Indicates the demand response auction clearing price. |
| 1314  (Note: Effective trade month March 2018, this charge shall appear as an automatic charge as described in “IESO Charge Type and Equations” section 2.2.2) | 33 | Adjustment Comment | **Schema – General:** [Obligation ID], [Settlement Month]  **Schema – Format:** [‘Obligation ID=’][Obligation ID][‘, Availability Payment for ’][Settlement Month] |
| 1316 | 4 | Trading Hour | Always ‘0’. This charge is applied on a monthly basis. |
| 1316 | 5 | Trading Interval | Always ‘0’. This charge is applied on a monthly basis. |
| 1316 | 33 | Adjustment Comment | **Schema – General:** [Obligation ID], [Settlement Month], [Reason for Charge]  **Schema – Format:** [‘Obligation ID=’][Obligation ID][‘, DR Capacity Obligation Administration Charge for ’][Settlement Month][‘, Reason for charge:’][Reason for Charge]  Where [Reason for Charge] can have the values:   * ‘LATE1’ – denotes submission not received by initial deadline. * ‘LATE2’ – denotes submission not received nor accepted by error-correction deadline. |
| 1317  (Note: Effective trade month March 2018, this charge shall appear as an automatic charge as described in “IESO Charge Type and Equations” section 2.2.2) | 4 | Trading Hour | Always ‘0’. This charge is applied on an hourly basis. |
| 1317  (Note: Effective trade month March 2018, this charge shall appear as an automatic charge as described in “IESO Charge Type and Equations” section 2.2.2) | 5 | Trading Interval | Always ‘0’. This charge is applied on an hourly basis. |
| 1317  (Note: Effective trade month March 2018, this charge shall appear as an automatic charge as described in “IESO Charge Type and Equations” section 2.2.2) | 33 | Adjustment Comment | **Schema – General:** [Obligation ID], [Trading Day of activation event], [Trading Hour]  **Schema – Format:** [‘Obligation ID=’][Obligation ID][‘, Dispatch Charge for Trading Day=’][Trading Day of activation event][‘, HE=’][Trading Hour] |
| 1318  (Note: Effective trade month March 2018, this charge shall appear as an automatic charge as described in “IESO Charge Type and Equations” section 2.2.2) | 4 | Trading Hour | Always ‘0’. This charge is applied on a monthly basis. |
| 1318  (Note: Effective trade month March 2018, this charge shall appear as an automatic charge as described in “IESO Charge Type and Equations” section 2.2.2) | 5 | Trading Interval | Always ‘0’. This charge is applied on a monthly basis. |
| 1318  (Note: Effective trade month March 2018, this charge shall appear as an automatic charge as described in “IESO Charge Type and Equations” section 2.2.2) | 33 | Adjustment Comment | **Schema – General:** [Obligation ID], [Settlement Month]  **Schema – Format:** [‘Obligation ID=’][Obligation ID][‘, Capacity Charge for ’][Settlement Month] |
| 1319 | 4 | Trading Hour | Always ‘0’. This charge is applied when buy-out request is approved. |
| 1319 | 5 | Trading Interval | Always ‘0’. This charge is applied when buy-out request is approved. |
| 1319 | 33 | Adjustment Comment | **Schema – General:** [Obligation ID], [Buy-Out Effective Date][Buy-Out Capacity]  **Schema – Format**: [‘Obligation ID=’][Obligation ID][‘, DR Capacity Obligation Buy-Out for Effective Date=’][Buy-Out Effective Date][‘, Buy-Out Capacity=’][Buy-Out Capacity] |
| 1330-1335,1340-1348, 1380-1386, 1390-1398 | 4 | Trading Hour | Always ‘0’. This charge is applied on a monthly basis. |
| 1330-1335,1340-1348, 1380-1386, 1390-1398 | 5 | Trading Interval | Always ‘0’. This charge is applied on a monthly basis. |
| 1330-1335,1340-1348, 1380-1386, 1390-1398 | 33 | Adjustment Comment | **Schema – General:** [Settlement Point ID] , [Trading Day] or [Settlement Point ID], [Settlement Month] **Schema – Format:** [‘DR3xxxxxxxxxxxxxxxxx’][‘,’][yyyy/mm/dd] or [‘DR3xxxxxxxxxxxxxxxxx’][‘,’][yyyy/mm] |
| 1400,1410-1416, 1418, 1419, 1425, 1428, 1450, 1460-1464, 1466,1468, 1469, 1471-1475, 1478, 1600 | 4 | Trading Hour | Primarily, this *charge type* is applied on a monthly basis as applicable. |
| 1400,1410-1416, 1418, 1419, 1425, 1428, 1450, 1460-1464, 1466,1468, 1469, 1471-1475, 1478, 1600 | 5 | Trading Interval | Always ‘0’. This *charge type* will be applied on a monthly basis as applicable. |
| 1400,1410-1416, 1418, 1419, 1425 1428, 1450, 1460-1464, 1466,1468, 1469, 1471-1475, 1478, 1600 | 33 | Adjustment Comment | Comments may be used for residual claims for settlement as may be determined by *applicable law* and subsequent regulation. |
| 1417 | 4 | Trading Hour | This charge is applied on a monthly basis and this field will be ‘0’. |
| 1417 | 5 | Trading Interval | Always ‘0’. This *charge type* will be applied on a monthly basis as applicable. |
| 1417 | 7 | Zone ID | Zone ID for taxation purposes. Will be ‘ONZN’ in all instances. |
| 1417 | 8 | Location ID | The delivery point ID of the unit operating in condense mode for the trading day. |
| 1417 | 10 | Billable Quantity | This field contains the billable quantity as per the ancillary service contract |
| 1417 | 11 | Price | This field contains the daily uplift rate for the ASP. |
| 705, 706, 1143, 1144, 1145, 1420, 6000, 6050 | 4 | Trading Hour | This charge is applied on a monthly basis and this field will be ‘0’. |
| 705, 706, 1143, 1144, 1145, 1420, 6000, 6050 | 5 | Trading Interval | Always ‘0’. This *charge type* will be applied on a monthly basis as applicable. |
| 705, 706, 1143, 1144, 1145, 1420, 6000, 6050 | 7 | Zone ID | Zone ID for taxation purposes. Will be ‘ONZN’ in all instances. |
| 705, 706, 1143, 1144, 1145, 1420, 6000, 6050 | 33 | Adjustment Comment | Comments may be used for residual claims for settlement as may be determined by *applicable law* and subsequent regulation. |
| 1421, 1422 | 4 | Trading Hour | Primarily, this *charge type* is applied on a monthly basis as applicable. |
| 1421, 1422 | 5 | Trading Interval | Always ‘0’. This *charge type* will be applied on a monthly basis as applicable. |
| 1421, 1422 | 7 | Zone ID | Zone ID for taxation purposes. Will be ‘MBSI’ in all instances. |
| 1421, 1422 | 33 | Adjustment Comment | Comments may be used for residual claims for settlement as may be determined by *applicable law* and subsequent regulation. |
| 1423, 1424 | 4 | Trading Hour | Primarily, this *charge type* is applied on a monthly basis as applicable. |
| 1423, 1424 | 5 | Trading Interval | Always ‘0’. This *charge type* will be applied on a monthly basis as applicable. |
| 1423, 1424 | 7 | Zone ID | Zone ID for taxation purposes. Will be ‘MBSI’ in all instances. |
| 1423, 1424 | 8 | Location ID | The delivery point ID as applicable. |
| 1423, 1424 | 10 | Billable Quantity | This field contains the billable quantity as per the energy sales contract as applicable. |
| 1423, 1424 | 33 | Adjustment Comment | Comments may be used for residual claims for settlement as may be determined by *applicable law* and subsequent regulation. |
| 1465 | 4 | Trading Hour | This charge is applied on a monthly basis and this field will be ‘0’. |
| 1465 | 5 | Trading Interval | Always ‘0’. This *charge type* will be applied on a monthly basis as applicable. |
| 1465 | 7 | Zone ID | Zone ID for taxation purposes. Will be ‘ONZN’ in all instances. |
| 1465 | 10 | Billable Quantity | Billable Quantity will be the MP ID of the MP entity who is making the claim |
| 1465 | 33 | Adjustment Comment | Comments may be used for residual claims for settlement as may be determined by *applicable law* and subsequent regulation. |
| 755, 756, 1193, 1194, 1195, 1457, 1467, 1753, 2470, 9984 | 4 | Trading Hour | This charge is applied on a monthly basis and this field will be ‘0’. |
| 755, 756, 1193, 1194, 1195, 1457, 1467, 1753, 2470, 9984 | 5 | Trading Interval | Always ‘0’. This charge type will be applied on a monthly basis as applicable. |
| 755, 756, 1193, 1194, 1195, 1457, 1467, 1753, 2470, 9984 | 7 | Zone ID | Zone ID for taxation purposes. Will be ‘ONZN’ in all instances. |
| 755, 756, 1193, 1194, 1195, 1457, 1467, 1753, 2470, 9984 | 10 | Billable Quantity | Billable Quantity will be the MP ID of the MP entity who is making the claim. |
| 755, 756, 1193, 1194, 1195, 1457, 1467, 1753, 2470, 9984 | 33 | Adjustment Comment | Comments may be used for residual claims for settlement as may be determined by applicable law and subsequent regulation. |
| 1932, 1933, 1934, 1935 | 4 | Trading Hour | Always '0'. This charge type will be applied on a monthly basis as applicable. |
| 1932, 1933, 1934, 1935 | 5 | Trading Interval | Always ‘0’. This charge will be applied on a monthly basis as applicable. |
| 1932, 1933, 1934, 1935 | 7 | Zone ID | Zone ID for taxation purposes. Will be ‘ONZN’ in all instances. |
| 1932, 1933, 1934, 1935 | 8 | Location ID | The delivery point ID as applicable. |
| 1932, 1933, 1934, 1935 | 33 | Adjustment Comment | Comments may be used for residual claims for settlement as applicable. |
| 1936, 1937, 1938, 1939 | 4 | Trading Hour | Always '0'. This charge type will be applied on a monthly basis as applicable. |
| 1936, 1937, 1938, 1939 | 5 | Trading Interval | Always ‘0’. This charge will be applied on a monthly basis as applicable. |
| 1936, 1937, 1938, 1939 | 7 | Zone ID | Zone ID for taxation purposes. Will be either “NYSI”,”MBSI’ or “PQSI”. |
| 1936, 1937, 1938, 1939 | 8 | Intertie Metering Point ID | The *intertie metering point* ID as applicable. |
| 1936, 1937, 1938, 1939 | 33 | Adjustment Comment | Comments may be used for residual claims for settlement as applicable. |
| 1940 | 4 | Trading Hour | Always '0'. This charge type will be applied on a monthly basis as applicable. |
| 1940 | 5 | Trading Interval | Always ‘0’. This charge will be applied on a monthly basis as applicable. |
| 1940 | 7 | Zone ID | Zone ID for taxation purposes. Will be ‘ONZN’ in all instances. |
| 1940 | 8 | Location ID | The *delivery point* ID as applicable. |
| 1940 | 33 | Adjustment Comment | Comments may be used for residual claims for settlement as applicable. |
| 9980 | 4 | Trading Hour | This charge is applied on a monthly basis and this field will be ‘0’. |
| 9980 | 5 | Trading Interval | Always ‘0’. This charge will be applied on a monthly basis. |
| 9980 | 7 | Zone ID | Zone ID for taxation purposes. Will be ‘ONZN’ in all instances. |
| 9980 | 8 | Location ID | This charge will be applied to the Smart Metering participant and the Location ID will be blank. |
| 9980 | 10 | Billable Quantity | The billing quantity used as the basis of the Smart Metering Charge as per the applicable regulation or OEB rate order. |
| 9980 | 11 | Price | The rate used in conjunction with the Billable Quantity to calculate the Smart Metering Charge as per applicable or OEB rate order. |
| 9980 | 33 | Adjustment Comment | **Schema – General:**  [Month to which the Smart Metering Charge applies][Monthly Smart Metering Charge for General Service (<50kW) and Residential Customers as listed in the OEB “year” Electricity Distributors Yearbook]  **Schema – Format:**  [yyyy/mm][ Monthly Smart Metering Charge for General Service (<50kW) and Residential Customers as listed in the OEB yyyy Electricity Distributors Yearbook]  **Schema – Example:**  2013/05 Monthly Smart Metering Charge for General Service (<50kW) and Residential Customers as listed in the OEB 2011 Electricity Distributors Yearbook |
| 9982, 9983, 1477 | 4 | Trading Hour | This charge is applied on a monthly basis and this field will be ‘0’ |
| 9982, 9983, 1477 | 5 | Trading Interval | Always ‘0’. This charge type will be applied on a monthly basis as applicable. |
| 9982, 9983, 1477 | 7 | Zone ID | Zone ID for taxation purposes. Will be ‘ONZN’ in all instances. |
| 9982, 9983, 1477 | 33 | Adjustment Comment | Comments may be used for residual claims for settlement as may be determined by applicable law and subsequent regulation. |
| 9992 | 4 | Trading Hour | This charge is applied on a monthly basis and this field will be ‘0’. |
| 9992 | 5 | Trading Interval | Always ‘0’. This *charge type* will be applied on a monthly basis as applicable. |
| 9992 | 7 | Zone ID | Zone ID for taxation purposes. Will be ‘ONZN’ in all instances. |
| 9992 | 33 | Adjustment Comment | Comments may be used for residual claims for settlement as may be determined by *applicable law* and subsequent regulation. |
| 9996 | 4 | Trading Hour | Always '0'. This charge is applied on a monthly basis. |
| 9996 | 5 | Trading Interval | Always '0'. This charge is applied on a monthly basis. |
| 9996 | 33 | Adjustment Comment | Comments may be used for residual claims for settlement as applicable. |

#### 2.5.4 Manual Per Unit Allocation Charge Types

These are ‘Manual Per Unit Allocation’ *charge types* as described in cross-reference Table 2-5.

As described in Section 2.2, the usage of Detail Record (type ‘DP’) fields by ‘per unit allocations’ may depart from the general description provided in Table 2-3. This table (2-9) describes the particular use of Detail Record fields (type ‘DP’) by the particular *charge types* listed in the “Charge Type ID” field below. The field usage described in this table departs from what is normally used by Detail Records as per the general description provided in Table 2-3.

Within Table 2-9 the term, “Total $ for Disbursement” represents monetary amounts (in Canadian dollars, to the nearest cent) manually allocated by Settlements Staff to a set of *Metered Market Participants* on a pro rata basis over *allocated quantities of energy injected* and/or *withdrawn*). Mostly these charges are used to offset Manual Line Items to ensure neutrality. For further information regarding these *charge types* or to garner the associated *market rule* references, please see the Technical Interfaces document entitled, “IESO Charge Types and Equations”.

Table 2-9: Per Unit Allocations – Specific Charge Columns

| Charge Type ID | Field ID | Short Description | Modified Description |
| --- | --- | --- | --- |
| 102 | 19 | Proportion of the Total $ for Disbursement Allocated to Loads or Proportion of the Total $ for Disbursement Allocated to Exporters | This field will display either:   1. Total *settlement amount* paid to all loads   Or   1. Total *settlement amount* paid to all exporters |
| 102 | 14 | Sum of AQEW or Sum of SQEW | This field will display either:   1. total energy volume consumed by all Loads (AQEW)   Or   1. total energy volume consumed by all exporters (SQEW) |
| 102 | 28 | Total $ for Disbursement | Total *settlement amount* Authorized for Disbursement. |
| 118 | 19 | Total $ for Disbursement | Total *settlement amount* to be Rebated to *Market Participants*. |
| 146 | 19 | Total $ for Disbursement | Total *settlement amount* paid in *charge types* 194, 195, 193, 197, and 198 |
| 163 | 19 | Total $ for Disbursement | Total *settlement amount* paid in *charge type* 113. |
| 164 | 19 | Total $ for Disbursement | Total *settlement amount* paid in *charge type* 114. |
| 165 | 19 | Total $ for Disbursement | Total *settlement amount* paid in *charge type* 115. |
| 166 | 19 | Total $ for Disbursement | Total *settlement amount* paid in *charge type* 116. |
| 167 | 19 | Total $ for Disbursement | Total *settlement amount* to be recovered from *market participants* paid in *charge type* 406 and for *emergency energy.* |
| 168 | 19 | Proportion of the Total $ for Disbursement Allocated to Loads or Proportion of the Total $ for Disbursement Allocated to Exporters | This field will display either:   1. total *settlement amount* to be recovered from all Loads   Or   1. total *settlement\_amount* to be recovered from all Exporters. |
| 168 | 14 | Sum of AQEW or Sum of SQEW | This field will display either:   1. Total energy volume consumed by all the Loads (AQEW)   Or   1. Total Energy volume consumed by all the exporters (SQEW) |
| 168 | 28 | Total $ for Disbursement | Total *settlement amount* to be recovered from *market participants* |
| 169 | 19 | Total $ for Disbursement | Total *settlement amount* to be recovered from *market participants.* |
| 170 | 19 | Total $ for Disbursement | Total *settlement amount* to be Rebated to *market participants* |
| 183 | 19 | Total $ for Disbursement | Total *settlement amount* paid under *charge types* 133 and 137 to be collected from *market participants.* |
| 186 | 19 | Total $ for Disbursement | Total *settlement amount* collected from *market participants* under *charge types* 135, 136, 1134, 1135, and 1136 to be distributed to *market participants.* |
| 201, 203, 205 | 7 | Zone ID | This column will only be filled in if the charge is due to *energy* transfer. If the charge is due to uplift reallocation, this field will not be filled in. |
| 201, 203, 205 | 18 | Intertie Point Zone ID | This column will only be filled in if the charge is due to *energy* transfer. If the charge is due to uplift reallocation, this field will not be filled in. |
| 201, 203, 205 | 20 | Reallocated Quantity | This column will only be filled in if the charge is due to uplift reallocation. If the charge is due to energy transfer, this field will not be filled in.  Reallocated Quantity (RQ) as a result of PBCs. This field will only be filled in if the charge is resulting from the reallocation of *physical bilateral contrac*ts. |
| 201 | 19 | Total $ for Disbursement | Total *settlement amount* collected in *charge type* 251. |
| 203 | 19 | Total $ for Disbursement | Total *settlement amount* collected in *charge type* 253. |
| 205 | 19 | Total $ for Disbursement | Total *settlement amount* collected in *charge type* 255. |
| 450 | 19 | Total $ for Disbursement | Total *settlement amount* paid in *charge type* 400. |
| 451 | 19 | Total $ for Disbursement | Total *settlement amount* paid in *charge type* 1401, 1402, 1404, 1405 and 1451. |
| 452 | 19 | Total $ for Disbursement | Total *settlement amount* paid in *charge type* 1403, 1406, 1407, 1408 and 1409. |
| 454 | 19 | Total $ for Disbursement | Total *settlement amount* paid in *charge type* 404. |
| 550 | 19 | Total $ for Disbursement | Total *settlement amount* paid in *charge type* 500. |
| 1188 | 19 | Total $ for Disbursement | Total *settlement amount* paid under *charge type* 1138 to be collected from *market participants* |
| 1650 | 19 | Total $ for Disbursement | Total *settlement amount* paid in *charge type* 1600. |
| 1750 | 19 | Total $ for Disbursement | Total *settlement amount* paid in *charge type* 700 |
| 1982 | 19 | Total $ for Disbursement | Total *settlement amount* collected in *charge types* 1932,1933,1934 1935. |
| 1983 | 19 | Total $ for Disbursement | Total *settlement amount* collected in *charge types* 1936,1937, 1938,1939. |
| 1941 | 19 | Total $ for Disbursement | Total $ amount to be recovered from the market for the Independent Review Process (IRP) |
| 9920 | 19 | Total $ for Disbursement | Total *settlement amount* Authorized for Disbursement. |
| All per unit *charge types* | 33 | ZONE ID 2 | N\_MMDDHH\_ mmddhh or A\_MMDDHH\_ mmddhh. The per unit allocation period is from Start Time = MMDDHH to End Time = mmddhh (MM and mm are the start and end months, DD and dd are the start and end days, HH and hh are the start and end hours.)  The "N" flag - will be used for normal, month-end charges. The "A" flag will be used for all post final adjustments (due to NOD, Dispute resolutions, etc.) to any uplift charges (any type: hourly or monthly), and for adjustments required by *Administrative Price* Event corrections, Negative Offer Price CMSC revisions, IOG Offset, and Local Market Power. |

– End of Section-

## Physical Market Data Files

When a *real-time market settlement statement* is issued to the *Market Participant* (see Section 1.5.4)*,* an accompanying data file are also issued. A *settlement* set is for the *real-time market* and the *day-ahead market*, a particular type (preliminary vs. final vs any resettlement statement) and trading date. Within each *settlement* set, each *market participant* will receive a data file. Each data file will correspond to a statement, and will have the same *settlement statement* ID.

The data files only contain data that applies to a primary trading date. Each data file contains the best available listing of *physical bilateral contract data*, zonal and nodal price data, schedule data, *bid/*offer data (i.e. *dispatch data*) and optionally - measurement data. Upon the commencement of *market transition*, the contents and structure of the data file will include new *market prices* and *dispatch data*. Therefore, the structure of data file for trading dates associated with the renewed market will be different. The latest issued data file provides each *market participant* supporting data that is used in calculating the latest issued *settlement* for a primary trading date in the *real-time market* and the *day-ahead market*. If a situation arises where there is a correction to data when the latest settlement statement was issued, the new or corrected data quantity will appear in the data file associated with the latest *settlement statement* for that primary trading date. If in addition, this quantity resulted in a new charge, the new charge will appear on the latest *settlement statement* for the primary trading date.

The file name format of the file available through the IESO Reports Site Interface will be as follows:

**[**security level {‘**CNF**’: Confidential**] [**‘–‘**]** **[**market participant short name**] [**‘\_‘**]** **[**file type {‘**DT’**: Data File}**] [**’–‘**] [**statement type {‘**P’**: Physical (“physical” market settlement statement)}**] [**’–‘**]** **[**settlement type {‘**P’**: Preliminary or **‘F’**: Final, **‘R1’**: Resettlement 1, **‘R2’**: Resettlement 2, **‘R3’**: Resettlement 3, **‘R4’**: Resettlement 4, **‘R5’**: Resettlement 5, **‘R6’**: Resettlement 6, **‘RF’**: Resettlement Final }**] [**’\_‘**]** **[**primary trade date {**YYYYMMDD**}**] [**’\_‘**]** **[**version number identifying whether this report file was regenerated ‘**v1**’**] [**’.txt‘**]**

For example: “CNF-HONI\_DT-P-F\_20051231\_v1.txt”

The file contains a confidential report,

The data contained is for HONI – Hydro One Networks Inc.,

It is a Data File (‘DT’),

It relates to the Physical Market,

It is related to Settlement Statement Final Data,

It relates to the month of December 2005,

As version is “1” this file is the original run for that date.

Each data file is composed of various sections with the measurement section being optional that may be elected by the *market participant*.

For trade dates prior to *market transition* (“Pre-MRP”), the structure of the data file is comprised of the following sections:

* Section 1: This contains the header record. It provides information such as *statement number*, *statement type, primary trade date*, and *settlement type*.
* Section 2: This contains all the *physical bilateral contract data.*
* Section 3: This contains all the *hourly and real-time zonal prices*.
* Section 4: This contains all *dispatch instructions* and market schedules.
* Section 5: This contains *bid/offer* data (*“dispatch data”*).
* Section 6: This optional sixth section contains all *energy* *measurements* data reported by the Revenue Metering System (RMS) to the Commercial Reconciliation System (CRS).
* Section 7: This contains all the *withdrawal* data.
* Section 8: This contains contain all the daily generation data for physical and *pseudo-units*.
* Section 9: This contains all the *MLP Constrained schedule* data.
* Section 10: This contains all the *Outages* data.
* Section 11: This contains all the day-ahead and pre-dispatch *Nodal Price* data.

For trade dates subsequent to market transition(“Post-MRP”), the structure of the data file is comprised of the following sections:

* Section 1: This contains the header record. It provides information such as *statement number*, *statement type, primary trade date*, and *settlement type*.
* Section 2: This contains the day-ahead and real-time Ontario zonal price data.
* Section 3: This contains all locational marginal price data.
* Section 4: This contains *bid/offer* data (*“dispatch data”*).
* Section 5: This contains all *dispatch instructions* and market schedules.
* Section 6: This contains all the daily *dispatch data*.
* Section 7: This contains all the *withdrawal* data.
* Section 8: This contains all the *forebay dispatch data*.
* Section 9: This optional ninth section contains all *energy* *measurements* data reported by the Revenue Metering System (RMS) to the Commercial Reconciliation System (CRS).
* Section 10: This contains all the *Constraint* data.

### Assigning Data File Contents to the Metered Market Participant

Each *delivery point* within the *IESO control area* must have a *registered market participant* (RMP) and a *metered market participant* (MMP) associated with it. In many cases the RMP and MMP roles for a given *delivery point* may be fulfilled by one in the same *market participant*. However, the *IESO* "Market Rules" do allow for such registrations to be different whereby two different *market participants* may take on the respective RMP and MMP roles for the same *delivery point*. In these circumstances, the *IESO* will (in the first instance) assign all *settlement amounts* incurred in respect to that *delivery point* to the MMP - not the RMP. Any time where a *charge type* of any kind is generated for MMP, the MMP will receive the relevant supporting data in the *settlement* data file.

Table 3-1: Implications of RMP and MMP Relationships at the Same Delivery Point

| Situation:  Attribute: | The MMP and the RMP registered for a particular delivery point are the same market participant | The MMP and the RMP registered for a particular delivery point are 2 different market participants |
| --- | --- | --- |
| Commercial Responsibility | * MMP/RMP receives/pays all *settlement amounts* with respect to that *delivery point* in the capacity of its MMP role for the *delivery point.* | * The MMP receives/pays all *settlement amounts* with respect to that *delivery point* in the capacity of its MMP role for the *delivery point.* |
| Impact on Settlements Data | * MMP/RMP receives all *supporting data* with respect to all *charge types* generated for the *delivery poin*t in the capacity of its MMP role for the *delivery point.* | * The MMP receives all *supporting data* with respect to all *charge types* generated for the *delivery poin*t in the capacity of its MMP role for the *delivery point.* * In instances where the RMP has received a *charge type* **of any kind** for the *trading day*, the RMP receives all *supporting data* with respect to all *charge types* generated for the RMP and all schedule, *price* and *bid/offer* data related to that particular *delivery poin*t. |
| Impact on Transmission Tariffs | * None. Transmission Tariffs payable by the transmission customer for the relevant transmission delivery points. | * None. Transmission Tariffs payable by the transmission customer for the relevant transmission delivery points. |
| Impact on import/export transactions. | * None. The *market participant* conducting an import export transaction at a relevant CSP/MSP combination has sole responsibility for the transaction. | * None. The *market participant* conducting an import export transaction at a relevant CSP/MSP combination has sole responsibility for the transaction. |

It is also important to remember that an RMP may still have direct financial exposure in the *real-time energy markets* through any combination of activities or roles, including:

* playing an MMP role at any combination of *delivery points*;
* acting in the capacity of a *market participant* conducting an import/export transaction;
* acting in the capacity of a *market participant* receiving an allocated quantity of *energy* withdrawn (AQEW) or an allocated quantity of *energy* withdrawn (AQEI) through the allocation process; and/or
* partaking in a *physical bilateral contract* in the capacity of a *buying market participant* or *selling market participant*;

In situations where such activities result in the generation of a *charge type*, the applicable *market participant* will receive the relevant supporting data in the *settlement* data file.

The following is a detailed description of the data fields in the Data File.

### Data File Header Record

Table 3-2: Data File Header Record Description

| Field | Type | Max Field Length | Domain | Description |
| --- | --- | --- | --- | --- |
| Record Type | Varchar | 2 | ‘H’ | Indicates the type of record as a File Header Record. |
| Market Participant ID | Number | 15 | NNNNNN | The *market participant’s* unique identifier. |
| Trading Date | Date | 11 | DD-MMM-YYYY | The specific trading date for which the data file is being created. |
| Statement ID | Number | 15 |  | The numeric ID of the pair of *preliminary* and *final settlement statements* for a given primary trading date. |
| File Type | Varchar | 2 | ‘DT’ | Indicates the type of file as a data file (not a statement file). |
| Statement Type | Varchar | 1 | ‘P’ | Indicates that the type of market is physical. |
| Settlement Type | Varchar | 2 | ‘P’,’F’, ‘R1’, ‘R2’, ‘R3’, ‘R4’, ‘R5’, ‘R6’ or ‘RF’ | Indicates the type of *settlement* set: preliminary or final. |

### Data File Physical Bilateral Contract Data

These records provide the *physical bilateral contract data* used in the corresponding statement for the *market participant*. All the records have the *market participant* as either the buyer or the seller. The records include all contracts with the primary trading date of the corresponding statement as the date.

Table 3-3: Data File Bilateral Contract Record Description

| Field | Type | Max Field Length | Domain | Description |
| --- | --- | --- | --- | --- |
| Record Type | Varchar | 1 | ‘B’ | Indicates the type of record. |
| Seller’s Market Participant ID | Number | 15 | NNNNNN | The unique identifier of the *selling market participant.* |
| Buyer’s Market Participant ID | Number | 15 | NNNNNN | The unique identifier of the *buying market participant.* |
| Location ID 1 | Number | 12 |  | **(NOT USED)** |
| Location ID 2 | Number | 12 |  | The location ID of the *physical bilateral contract* location. |
| Zone ID 1 | Varchar | 16 |  | **(NOT USED)** |
| Zone ID 2 | Varchar | 16 | AAAA | The Zone ID of Location ID 2. |
| Trading Date | Date | 11 | DD-MMM-YYYY | The specific *trading day* of the physical bilateral contract. |
| Trading Hour | Number | 2 | 1-24 | The *settlement hour* of the physical bilateral contract. |
| Trading Interval | Number | 2 | 0 | - always zero (‘0’)  - *Physical Bilateral Contracts* only pertain to one or more ***settlement hours*** in a given *trading day* |
| NEMSC Hourly Uplift Component reallocation (ref. charge type 150) | Varchar | 1 | ‘N’ or ‘Y’ | Indicates whether the component of *hourly uplift* derived from losses (the “NEMSC uplift”) will be reallocated. |
| ORSC Hourly Uplift Component reallocation (ref. charge types 250, 252, 254) | Varchar | 1 | ‘N’ or ‘Y’ | Indicates whether the *operating reserve* component of *hourly uplift* market *settlement* credit will be reallocated. |
| IFCR (formerly known as CAPRSC) Hourly Uplift Component reallocation | Varchar | 1 | ‘N’ or ‘Y’ | Indicates whether the Intertie Failure Charge Rebate component of *hourly uplift* will be reallocated. |
| CMSC Hourly Uplift Component reallocation (ref. charge type 155) | Varchar | 1 | ‘N’ or ‘Y’ | Indicates whether the congestion management *settlement* credit component of *hourly uplift* will be reallocated. |
| TRSC Credit  (NOT USED) | Varchar | 1 | ‘N’ | Indicates whether the *transmission rights* *settlement* credit will be reallocated.  **(NOT USED) –** see section 2.5 of, “IESO Charge Types and Equations” for further details. |
| TCRF Contribution  (NOT USED) | Varchar | 1 | ‘N’ | Indicates whether the *transmission charge reduction fund* contribution will be reallocated.  **(NOT USED) –** see section 2.5 of, “IESO Charge Types and Equations” for further details. |
| CRSSD Hourly Uplift Component reallocation (ref. charge type 301)  (NOT USED) | Varchar | 1 | ‘N’ or ‘Y’ | Indicates whether the *capacity reserve* *settlement* debit component of *hourly uplift* will be reallocated.  **(NOT USED) –** see section 2.5 of, “IESO Charge Types and Equations” for further details. |
| ORSSD Hourly Uplift Component reallocation (ref. charge types 201, 203, 205,) | Varchar | 1 | ‘N’ or ‘Y’ | Indicates whether the *operating reserve* *settlement* debit component of *hourly uplift* will be reallocated. |
| PBC Percent Flag | Varchar | 1 | ‘N’ or ‘Y’ | Indicates that the *selling market participant* indicated that the “Traded Quantity” should be derived from 100% of the *delivery point* value at the location specified in “Location ID 2” (when applicable – see *IESO* MR Ch.8s.2.3 for details). |
| Traded Quantity | Number | 11,3 |  | The quantity in MWh traded in the *physical bilateral contract.* |

### Data File Price Data

#### Data File Zonal Price Data

These records provide all real-time and hourly zonal prices used in the corresponding statement. Because prices are over zones instead of *market participants*, all prices for the primary trading date are included.

Table 3-4a: Data File Zonal Price Record Description (Pre-MRP)

| Field | Type | Max Field Length | Domain | Description |
| --- | --- | --- | --- | --- |
| Record Type | Varchar | 1 | ‘P’ | Indicates the type of record as a Price Data record. |
| Price Type (Single Field) | Varchar | 1 | ‘H’ | Indicates the type of price is the *Hourly Ontario Energy Price (HOEP).* |
| Price Type (Single Field) | Varchar | 1 | ‘R’ | Indicates the type of price is the 5-minute real-time *Energy Market Price (EMP*) |
| Price Type (Single Field) | Varchar | 1 | ‘P’ | Indicates the type of price is from the hour-ahead *pre-dispatch* process (PD\_EMP) |
| Trading Date | Date | 11 | DD-MMM-YYYY | The specific trading date for which the price is effective. |
| Hour | Number | 2 | 1-24 | The hour for which the price is effective. |
| Minute Interval | Number | 2 | 0-12 | The minute for which the price is effective (0 for hourly prices). |
| Zone ID | Varchar | 16 | AAAA | The zone for which the price is effective. |
| Price | Number | 10,5 |  | The price in $/MWh. |

#### Data File Locational Marginal Price Data

These records provide day-ahead, pre-dispatch and real-time *locational marginal price* data used in the corresponding statement for the *market participant.* They include all the *locational marginal price* data with the primary trading date for the corresponding statement as the date.

Table 3-4b: Data File Locational Marginal Price Record Description (Post-MRP)

| Field | Type | Max Field Length | Domain | Description |
| --- | --- | --- | --- | --- |
| Record Type | Varchar | 1 | ‘P’ | Indicates the type of record as a Price Data record. |
| Price Type (Single Field) | Varchar | 1 | ‘X’ | Indicates the type of price is the day-ahead *locational marginal price.* |
| Price Type (Single Field) | Varchar | 1 | ‘Q’ | Indicates the type of price is the pre-dispatch *locational marginal price* |
| Price Type (Single Field) | Varchar | 1 | ‘R’ | Indicates the type of price is the real-time *locational marginal price* |
| Trading Date | Date | 11 | DD-MMM-YYYY | The specific trading date for which the price is effective. |
| Hour | Number | 2 | 1-24 | The hour for which the price is effective. |
| Minute Interval | Number | 2 | 0-12 | The minute for which the price is effective (0 for day-ahead and pre-dispatch hourly prices). |
| Location ID | Number | 12 | NNNNNN | The location ID of the price. |
| Zone ID | Varchar | 16 | AAAA | The zone for which the price is effective. |
| Price | Number | 10,5 |  | The price in $/MWh. |
| Scheduling Component ID | Number | 2 | 1 | Indicates the type of price is for *energy* (MW). |
| Scheduling Component ID | Number | 2 | 2 | Indicates the type of price is for 10-minute spinning *operating reserve* (MW). |
| Scheduling Component ID | Number | 2 | 3 | Indicates the type of price is for 10-minute Non-spinning *operating reserve* (MW). |
| Scheduling Component ID | Number | 2 | 4 | Indicates the type of price is for 30-minute *operating reserve* (MW). |
| Scheduling Component ID | Number | 2 | 13 | Indicates the type of price is for the pre-dispatch runs for all hour of the trade date with a status of START. |
| Scheduling Component ID | Number | 2 | 14 | Indicates the type of price is for the pre-dispatch runs for all hours of the trade date with a status of EXTEND. |
| Reference Cap | Number | 12,5 |  | The price for *energy* at the *reference bus* in $/MWh. |
| Loss Cap | Number | 12,5 |  | The price for loss component in $/MWh. |
| Congestion Cap | Number | 12,5 |  | The price for congestions in $/MWh. |
| Intertie Congestion Cap | Number | 12,5 |  | The price for external congestion in $/MWh. |
| NISL Congestion Cap | Number | 12,5 |  | The price for net interchange schedule limit in $/MWh. |
| Intertie Border Price | Number | 12,5 |  | The price for *intertie border price* for *energy* in $/MWh. |
| PD Run | Number | 2 |  | Price corresponding to the pre-dispatch run that issued the binding start or extension for a commitment where nn is the number of the pre-dispatch run prior to real time. For example, 1 is the final pre-dispatch run, 2 is the second final pre-dispatch run, etc. |

#### Ontario Area Locational Marginal Price Data

These records provide *market participants* with day-ahead and real-time Ontario area *locational marginal price* data used in the corresponding statement for the *market participant*. They include all area *marginal prices* with the primary trading date of the corresponding statement as the date.

Table 3-4c: Ontario Area Price Data (Post – MRP)

| Field | Type | Max Field Length | Domain | Description |
| --- | --- | --- | --- | --- |
| Record Type | Varchar | 1 | ‘Z’ | Indicates the type of record is a Ontario area *locational marginal price* data record. |
| Price Type  (Single Field) | Varchar | 1 | ‘X’ | Indicate the type of record is a day-ahead Ontario area *locational marginal price* |
| Price Type  (Single Field) | Varchar | 1 | ‘P’ | Indicate the type of record is a real-time Ontario area *locational marginal price* |
| Trading Date | Date | 11 | DD-MMM-YYYY | The specific trading date for which the price is effective. |
| Hour | Number | 2 | 1-24 | The hour for which the price is effective. |
| Minute Interval | Number | 2 | 0-12 | The minute for which the price is effective (0 for day-ahead prices). |
| Zone ID | Varchar | 16 | AAAA | The zone for which the price is effective. |
| Price | Number | 12,5 |  | The Area Location Marginal Price for Energy in $/MWh. |
| Reference Cap | Number | 12,5 |  | The *locational marginal price* for *energy* at the *reference bus* in $/MWh. |
| Loss Cap | Number | 12,5 |  | The *locational marginal price* for loss component in $/MWh. |
| Congestion Cap | Number | 12,5 |  | The *locational marginal price* for congestion component in $/MWh. |
| Intertie Congestion Cap | Number | 12,5 |  | The *locational marginal price* for external congestion in $/MWh. |
| NISL Cap | Number | 12,5 |  | The  *locational marginal price* for net interchange schedule limit in $/MWh.. |

### Data File Schedules Data

#### Data File Schedules Data

These records provide the market and *dispatch* schedules data used in the corresponding statement for the *market participant*. They include all schedules data with the primary trading date prior to the renewal of the market of the corresponding statement as the date.

Table 3-5a: Data File Schedule Data Record Description (Pre-MRP)

| Field | Type | Max Field Length | Domain | Description |
| --- | --- | --- | --- | --- |
| Record Type | Varchar | 1 | ‘S’ | Indicates the type of record as a Schedules Data Record. |
| Location ID | Number | 12 | NNNNNN | The location of the schedule. |
| Location Type  (Single Field) | Varchar | 1 | ‘G’ | Identifies the location type of the location as a *registered facility* that is a *generation facility* or a *boundary entity* for the purposes of an **import**. |
| Location Type  (Single Field) | Varchar | 1 | ’L’ | Identifies the location type of the location as a *registered facility* that is a *load facility* or a *boundary entity* for the purposes of an **export**. |
| Location Subtype  (Single Field) | Varchar | 1 | ’D’ | The location subtype of the location is that of a *dispatchable facility.* |
| Location Subtype  (Single Field) | Varchar | 1 | ‘N’ | The location subtype of the location is that of a *non-dispatchable facility.* |
| Market Type  (Single Field) | Varchar | 1 | ‘D’ | Indicates that the record is part of the *dispatch (real-time) schedule*. |
| Market Type  (Single Field) | Varchar | 1 | ‘M’ | Indicates that the record is part of the *market schedule.* |
| Market Type  (Single Field) | Varchar | 1 | ‘P’ | Indicates the record is from the hour-ahead *pre-dispatch* process |
| Market Type  (Single Field) | Varchar | 1 | ‘R’ | Indicates the record is from the day-ahead *schedule of record*  process |
| Scheduling Component ID  (Single Field) | Number | 2 | 1 | Indicates the type of schedule is for *energy* (MW). |
| Scheduling Component ID  (Single Field) | Number | 2 | 2 | Indicates the type of schedule is for 10-minute spinning *Operating Reserve* (MW). |
| Scheduling Component ID  (Single Field) | Number | 2 | 3 | Indicates the type of schedule is for 10-minute Non-spinning *Operating Reserve* (MW). |
| Scheduling Component ID  (Single Field) | Number | 2 | 4 | Indicates the type of schedule is for 30-minute *Operating Reserve* (MW). |
| Trading Date | Date | 11 | DD-MMM-YYYY | The specific trading date for which the schedule is effective. |
| Trading Hour | Number | 2 | 1-24 | The trading hour for which the schedule is effective. |
| Trading Interval | Number | 2 | 1-12  Or ‘0’ | The trading interval for which the schedule is effective.  Always ‘0’ for “Market Type ‘R’” when the record is from the day-ahead *pre-dispatch-of-record* process (hourly resolution) or “Market Type ‘P’” when the record is from the hour-ahead *pre-dispatch* process (hourly resolution) |
| Zone ID | Varchar | 16 | AAAA | The zone for which the schedule is effective. |
| Scheduled Quantity | Number | 11,3 |  | The quantity in MWh that is scheduled. |
| Tie Point ID | Number | 12 | NNNNNN | The location ID of the tie point used for the scheduled import or export. |
| Tie Point Zone ID | Varchar | 16 | AAAA | Zone ID for the tie point in previous row. |
| Reason Code (Single Field) | Varchar | 4 | ‘TLRE’ | * denotes External Transmission Loading Relief (TLRE) events where **NO** CMSC payments should be provided as per normal calculations. * EXEMPTS the *market participant* from the Day-Ahead or real-time intertie failure charges (*charge types* 135, 136, 1134, 1135 and 1136) |
| Reason Code (Single Field) | Varchar | 4 | ‘TLRI’ | * denotes Internal Transmission Loading Relief (TLRI) events where CMSC payments should be provided as per normal calculations. * EXEMPTS the *market participant* from the Day-Ahead or real-time intertie failure charges (*charge types* 135, 136, 1134, 1135 and 1136) |
| Reason Code (Single Field) | Varchar | 4 | ‘OTH’ | * denotes other (OTH) constraining events at the *interties* where **NO** CMSC payments should be provided as per normal calculations. * DOES NOT exempt the *market participant* from the Day-Ahead or real-time intertie failure charges (*charge types* 135, 136, 1134, 1135 and 1136) |
| Reason Code (Single Field) | Varchar | 4 | ‘ORA’ | * denotes Operating Reserve Activation (ORA) events where CMSC payments should be provided. * **NOTE:** Day-Ahead Import, Export or Linked Wheel transactions with a ORA Reason Code may be exempted from the Day-Ahead Failure Charges (*charge types* 1134, 1135, 1136) on the basis of their real-time *bid* or *offer* price. Please see in *IESO Charge Types and Equa*tions (IMP\_LST\_0001 – Issue 20.1 or higher), section 2.6 which describes this process in detail. * Exempts the *market participant* from the real-time intertie failure charges (*charge types* 135 and 136) |
| Reason Code (Single Field) | Varchar | 4 | ‘AUTO’ | * Denotes a constraining event triggered without intra-hour manual intervention where CMSC payments should be provided – OR - the absence of any constraining event at the *interties* at all. * **NOTE:** Day-Ahead Import, Export or Linked Wheel transactions with an AUTO Reason Code may be exempted from the Day-Ahead Failure Charges (*charge types*  1134, 1135, 1136) on the basis of their real-time *bid* or *offer* price. Please see in *IESO Charge Types and Equa*tions (IMP\_LST\_0001 – Issue 20.1 or higher), section 2.6 which describes this process in detail. * Exempts the *market participant* from the real-time intertie failure charges (*charge types* 135 and 136) |
| Reason Code (Single Field) | Varchar | 4 | ‘MrNh’ | * denotes MISO Ramp / Transmission Service or NYISO HAM protocol (MrNh) constraining events at the *interties* where **NO** CMSC payments should be provided as per normal calculations * DOES NOT exempt the *market participant* from the Day-Ahead Failure Charges (*charge types* 1134, 1135 and 1136) * EXEMPTS the *market participant* from the real-time intertie failure charges (*charge types* 135, and 136) |
| Reason Code (Single Field) | Varchar | 4 | ‘NY90’ | * Denotes NYISO – IESO 90 Minute Checkout (NY90) constraining events at the *interties* where CMSC payments should be provided – OR - the absence of any constraining event at the *interties* at all. * **NOTE:** Day-Ahead Import, Export or Linked Wheel transactions with a NY90 Reason Code may be exempted from the Day-Ahead Failure Charges (*charge types* 1134, 1135, 1136) on the basis of their real-time *bid* or *offer* price. Please see in *IESO Charge Types and Equa*tions (IMP\_LST\_0001 – Issue 20.1 or higher), section 2.6 which describes this process in detail. * Exempts the *market participant* from the real-time intertie failure charges (*charge types* 135 and 136) |
| Reason Code (Single Field) | Varchar | 4 | ‘ADQh’ | * Denotes IESO Hourly Adequacy (ADQh) constraining events at the *interties* where **NO** CMSC payments should be provided as per normal calculations. * **NOTE:** Day-Ahead Import, Export or Linked Wheel transactions with a ADQh Reason Code may be exempted from the Day-Ahead Failure Charges (*charge types* 1134, 1135, 1136) on the basis of their real-time *bid* or *offer* price. Please see in *IESO Charge Types and Equa*tions (IMP\_LST\_0001 – Issue 20.1 or higher), section 2.6 which describes this process in detail. * EXEMPTS the *market participant* from the real-time intertie failure charges (*charge types* 135 and 136) |
| Reason Code (Single Field) | Varchar | 4 | {NULL} | The above codes apply to occurrences *charge types* 105, 106, 107, and 108 for *intertie* transactions only. For instances where *charge types* 106, 107, and 108 are applicable to the non-*intertie* transactions, the corresponding data contained in this field will have a null value. For instances where *charge type* 105 is applicable to non-*intertie,* non-variable generator transactions, the corresponding data contained in this field will have a null value. |
| Reason Code (Single Field) | Varchar | 4 | ‘VGNE’ | This reason code only applies to qualified variable generators. Denotes that the variable generator is operating under a release notification and NO CMSC payments should be provided as per normal calculations. |
| Reason Code (Single Field) | Varchar | 4 | ‘VGE1’ | This reason code only applies to variable generators. Denotes a constraining event when the variable generator is operating under a release notification. |
| NERC Tag | Varchar | 40 |  | NERC tag |

#### Data File Schedules Data Market Renewal

These records provide the market and *dispatch* schedules data used in the corresponding statement for the *market participant*. They include all schedules data with the primary trading date applicable to the renewal of the market corresponding statement as the date.

Table 3-5b: Data File Schedule Data Record Description (Post-MRP)

| Field | Type | Max Field Length | Domain | Description |
| --- | --- | --- | --- | --- |
| Record Type | Varchar | 1 | ‘S’ | Indicates the type of record as a Schedules Data Record. |
| Market Type  (Single Field) | Varchar | 1 | ‘DA’ | Indicates the record is from the *day-ahead market*. |
| Market Type  (Single Field) | Varchar | 1 | ‘DAO’ | Indicates the record is from the day-ahead *market* economic operating point for energy. |
| Market Type  (Single Field) | Varchar | 1 | ‘PD’ | Indicates the record is from the hour-ahead *pre-dispatch* process |
| Market Type  (Single Field) | Varchar | 1 | ‘PDP’ | Indicates the record is from the hour-ahead for previous real-time schedule. |
| Market Type  (Single Field) | Varchar | 1 | ‘RT’ | Indicates that the record is for the *real-time market*. |
| Market Type  (Single Field) | Varchar | 1 | ‘RTO’ | Indicates the record is from the *real-time* market economic operating point for *energy*. |
| Location ID | Number | 12 | NNNNNN | The location ID of the schedule. |
| Location Type  (Single Field) | Varchar | 4 | ‘G’ | Identifies the location type of the location as a *registered facility* that is a *generation facility* or a *boundary entity* for the purposes of an **import**. |
| Location Type  (Single Field) | Varchar | 4 | ’L’ | Identifies the location type of the location as a *registered facility* that is a *load facility* or a *boundary entity* for the purposes of an **export**. |
| Location Type  (Single Field) | Varchar | 4 | ’VSUP’ | Identifies the location type of the location as a *registered facility* that is a *virtual supplier* |
| Location Type  (Single Field) | Varchar | 4 | ’VLOAD’ | Identifies the location type of the location as a *registered facility* that is a *virtual load* |
| Location Subtype  (Single Field) | Varchar | 3 | ’D’ | The location subtype of the location is that of a *dispatchable facility.* |
| Location Subtype  (Single Field) | Varchar | 3 | ‘N’ | The location subtype of the location is that of a *non-dispatchable facility.* |
| Location Subtype  (Single Field) | Varchar | 3 | ‘PRL’ | The location subtype of the location is that of a *Price Response Load facility.* |
| Schedule Type | Varchar | 1 | ‘D’ | Indicates that the record is part of the *dispatch (real-time) schedule*. |
| Scheduling Component ID  (Single Field) | Number | 2 | 1 | Indicates the type of schedule is for *energy* (MW). |
| Scheduling Component ID  (Single Field) | Number | 2 | 2 | Indicates the type of schedule is for 10-minute spinning *operating reserve* (MW). |
| Scheduling Component ID  (Single Field) | Number | 2 | 3 | Indicates the type of schedule is for 10-minute Non-spinning *operating reserve* (MW). |
| Scheduling Component ID  (Single Field) | Number | 2 | 4 | Indicates the type of schedule is for 30-minute *operating reserve* (MW). |
| Scheduling Component ID  (Single Field) | Number | 2 | 11 | Indicates the type of schedule is for *energy* (MW) for Steam Turbine |
| Scheduling Component ID  (Single Field) | Number | 2 | 14 | Indicate the type of schedule is for the derived interval price curve |
| Scheduling Component ID  (Single Field) | Number | 2 | 15 | Indicate the type of schedule is for the derived interval price curve for 10-minute spinning *operating reserve* (MW). |
| Scheduling Component ID  (Single Field) | Number | 2 | 16 | Indicate the type of schedule is for the derived interval price curve for 10-minute Non-spinning *operating reserve* (MW). |
| Scheduling Component ID  (Single Field) | Number | 2 | 17 | Indicate the type of schedule is for the derived interval price curve for 30-minute *operating reserve* (MW). |
| Trading Date | Date | 11 | DD-MMM-YYYY | The specific trading date for which the schedule is effective. |
| Trading Hour | Number | 2 | 1-24 | The trading hour for which the schedule is effective. |
| Trading Interval | Number | 2 | 1-12  Or ‘0’ | The Interval for which the schedule is effective.  Always ‘0’ when the record is for the day-ahead or *pre-dispatch* (hourly resolution). |
| Zone ID | Varchar | 16 | AAAA | The zone for which the schedule is effective. |
| Scheduled Quantity | Number | 11,3 |  | The quantity in MWh that is scheduled. |
| Tie Point ID | Number | 12 | NNNNNN | The location ID of the tie point used for the scheduled import or export. |
| Tie Point Zone ID | Varchar | 16 | AAAA | Zone ID for the tie point in previous row. |
| Reason Code (Single Field) | Varchar | 6 | ‘TLRE’ | Denotes External Transmission Loading Relief (TLRE) events. Reason code can be modified as TLREMX.  When reason code is TRLEMX, the applicable make-whole payment should be provided as per Market Manual 4.3, section 4.5.1.1, table 4-1 and the *market participant* will be exempted from day-ahead and real-time intertie failure charges (*charge types* 1828, 1829, 1928,1929)  The *market participant* is not eligible for DAM balancing Credit (*charge types 1815 and 1816*) |
| Reason Code (Single Field) | Varchar | 6 | ‘TLRI’ | Denotes Internal Transmission Loading Relief (TLRI) events. Reason code can be modified as TLRIMX, TLRIMN or TLRIFX.  When reason code is TRLIMX, TLRIFX or TLRIMN, the applicable make-whole payment should be provided as per Market Manual 4.3, section 4.5.1.1, table 4-1 and the *market participant* will be exempted from day-ahead and real-time intertie failure charges (*charge types* 1828, 1829, 1928,1929)  The *market participant* will be eligible for DAM balancing Credit(*charge types 1815 and 1816*) if the transaction was energy schedule for an amount equal to the *IESO* manual adjustment and reason code is TLRIMX or TLRIFX |
| Reason Code (Single Field) | Varchar | 6 | ‘OTH’ | Denotes other (OTH) constraining events at the *interties*. Reason code can be modified as OTHMX.  When reason code is OTHMX, the applicable make-whole payments should be provided as per Market Manual 4.3, section 4.5.1.1, table 4-1 and the *market participant* is not exempted from the day-ahead and real-time *intertie* failure charges (*charge types* 1828, 1829, 1928,1929)  The *market participant* is not eligible for DAM balancing Credit (*charge types 1815 and 1816*) |
| Reason Code (Single Field) | Varchar | 6 | ‘ORA’ | Denotes Operating Reserve Activation (ORA) events. Reason code can be modified as ORAMN.  When reason code is ORAMN, the applicable make-whole payments should be provided as per Market Manual 4.3, section 4.5.1.1, table 4-1 and the *market participant* will be exempted from day-ahead and real-time *intertie* failure charges (*charge types* 1828, 1829, 1928,1929)  The *market participant* is not eligible for DAM balancing Credit(*charge types 1815 and 1816*) |
| Reason Code (Single Field) | Varchar | 6 | ‘AUTO’ | Denotes a constraining event triggered without intra-hour manual intervention where applicable make-whole payments should be provided Market Manual 4.3, section 4.5.1.1, table 4-1– OR - the absence of any constraining event at the *interties* at all. and the *market participant* will be exempted from day-ahead and real-time *intertie* failure charges (*charge types* 1828, 1829, 1928,1929)  The *market participant* is not eligible for DAM balancing Credit(*charge types 1815 and 1816*) |
| Reason Code (Single Field) | Varchar | 6 | ‘MrNh’ | Denotes MISO Ramp / Transmission Service or NYISO HAM protocol (MrNh) constraining events at the *interties*. Reason code can be modified as MrNhMX.  When reason code is MrNhMX, the applicable make-whole payments should be provided as per Market Manual 4.3, section 4.5.1.1, table 4-1 and the *market participant* will be exempted from the day-ahead and real-time intertie failure charges (*charge types* 1828, 1829, 1928,1929)  The *market participant* is not eligible for DAM balancing Credit (*charge types 1815 and 1816*). |
| Reason Code (Single Field) | Varchar | 6 | ‘NY90’ | Denotes NYISO – IESO 90 Minute Checkout (NY90) constraining events at the *interties.* Reason code can be modified as NY90MX.  When reason code is NY90MX, the applicable make-whole payments should be provided as per Market Manual 4.3, section 4.5.1.1, table 4-1 and the *market participant* will be exempted from the day-ahead and real-time intertie failure charges (*charge types* 1828, 1829, 1928,1929)  The *market participant* is not eligible for DAM balancing Credit(*charge types 1815 and 1816*) |
| Reason Code (Single Field) | Varchar | 6 | ‘ADQh’ | Denotes IESO Hourly Adequacy (ADQh) constraining events at the *interties*. Reason code can be modified as ADQhMX, ADQhMN or ADQhFX.  When reason code is ADQhMX, ADQhFX or ADQhMN, applicable make-whole payments should be provided Market Manual 4.3, section 4.5.1.1, table 4-1 and the *market participant* will be exempted from the day-ahead and real-time intertie failure charges (*charge types* 1828, 1829, 1928,1929)  The *market participant* is not eligible for DAM balancing Credit(*charge types 1815 and 1816*) except for ADQhMX and ADQhFX reason codes |
| Reason Code (Single Field) | Varchar | 6 | ‘COMCYC’ | Indicates when a steam turbine or combustion turbine *generation resource* requires a minimum constraint to an n-on-1 MLP  In general this reason code represents a minimum constraint applied for combined cycle operation consistent with combustion turbine commitment. |
| Reason Code (Single Field) | Varchar | 6 | ‘HMR’ | Indicates when a hydroelectric *generation resource* specifies an hourly must run value.  In general this reason code represents a minimum constraint applied to ensure that a hydroelectric *generation resource* is dispatched to at least its hourly must run value. |
| Reason Code (Single Field) | Varchar | 6 | ‘REL’ | Indicates when a *resource* is required to operate in a certain manner to maintain *reliability.*  In general this reason code represents a minimum, maximum or fixed constraint applied manually by operators to address *reliability* concerns. |
| Reason Code (Single Field) | Varchar | 6 | ‘SEAL’ | Indicates when a *market participant* requests to operate in a manner that avoids endangering people, equipment damage or the violation of an applicable law (SEAL)  In general this reason code represents a minimum, maximum or fixed constraint applied manually by operators at the request of *market participants*. |
| Reason Code (Single Field) | Varchar | 6 | ‘VGMD’ | This reason code only applies to *variable generators*. Denotes a constraining event when the *variable generator* is operating under a release notification mandatory dispatch and RT MWP payments should be provided as per normal calculations. |
| Reason Code (Single Field) | Varchar | 6 | ‘VGRN’ | This reason code only applies to qualified *variable generators*. Denotes that the *variable generator* is operating under a release notification and RT MWP will not apply. |
| Reason Code (Single Field) | Varchar | 6 | {NULL} | The data contained in this field will have a null value when a constraint was not applied to a transaction. Applicable for internal *dispatchable load* and *generator* excluding *variable generators*. |
| NERC Tag | Varchar | 40 |  | NERC tag |
| Quantity 2 | Number | 11,3 |  | * Indicates the quantity used for Lost Opportunity Cost. This is applicable for “Market Type “RTO”. * Indicates the commitment quantity for steam turbine units. This is applicable for “Market Type “RT” with “Schedule Component” “11””. |
| Status  (Single Field) | Varchar | 40 | “START” | Indicates the start of the commitment associated with the corresponding pre-dispatch run. |
| Status  (Single Field) | Varchar | 40 | “EXTEND” | Indicates the *resource* is extended as part of the pre-dispatch commitment |
| PD Run | Number | 2 |  | Schedule corresponding to the pre-dispatch run that issued the binding start or extension for a commitment, where nn is the number of the pre-dispatch run prior to real time. For example, PD01 is the final pre-dispatch run, PD02 is the second final pre-dispatch run, etc. |
| Location ID 2 | Number | 12 | NNNNNN | The location ID of the *pseudo-unit* associated with the schedule.  Applies only for records with a Component ID of 11 |

### Data File Price Curves

#### Data File Bid/Offer Data

These records provide the *energy* and *operating reserve* *bid* and *offer* data used in the corresponding statement for the *market participant*. They include all *bid/offer* data with the primary trading date prior to the renewal of the market of the corresponding statement as the date.

Table 3-6a: Data File Bid/Offer Record Description (Pre-MRP)

| Field | Type | Max Field Length | Domain | Description |
| --- | --- | --- | --- | --- |
| Record Type | Varchar | 1 | ‘V’ | Indicates the type of record as a bid/offer data record. |
| Location ID | Number | 12 | NNNNNN | The location of the *bid/offer*. |
| Zone ID | Varchar | 16 | AAAA | The corresponding zone of the *bid/offer*. |
| Tie Point ID | Number | 12 | NNNNNN | The location ID of the tie point used for the import or export. |
| Tie Point Zone ID | Varchar | 16 | AAAA | The zone ID of where the tie point is found. |
| Scheduling Component ID  (Single Field) | Number | 2 | 1 | Indicates the type of bid/offer is for energy (MW). |
| Scheduling Component ID  (Single Field) | Number | 2 | 2 | Indicates the type of offer is for 10-minute spinning Operating Reserve (MW). |
| Scheduling Component ID  (Single Field) | Number | 2 | 3 | Indicates the type of offer is for 10-minute Non-spinning Operating Reserve (MW). |
| Scheduling Component ID  (Single Field) | Number | 2 | 4 | Indicates the type of offer is for 30-minute Operating Reserve (MW). |
| Scheduling Component ID  (Single Field) | Number | 2 | 5 | Indicates the type of bid/offer is for *energy* (MW) submitted into the day-ahead schedule-of-record. |
| Scheduling Component ID  (Single Field) | Number | 2 | 10 | Indicates the type of bid/offer is for energy (MW) submitted into the hour-ahead pre-dispatch. |
| Scheduling Component ID  (Single Field) | Number | 2 | 11 | Indicates the type of offer is for *Pseudo-units* submitted into the day-ahead schedule of record |
| Scheduling Component ID  (Single Field) | Number | 2 | 12 | Indicate the type of offer is for the derived interval price curve for pseudo-units. |
| Trading Date | Date | 11 | DD-MMM-YYYY | The specific trading date for which the *bid/offer* is effective. |
| Trading Hour | Number | 2 | 1-24 | The hour for which the *bid/offer* is effective. |
| Trading Interval | Number | 2 | 0 | always zero (‘0’) |
| Number of pairs | Varchar | 2 | 0-20  (0-5) | The number of quantity/price (q-p) pairs contained within the energy/operating reserve bid/offer. Energy bid/offer curves may have a maximum of 20 pairs while Operating Reserve offer curves may have a maximum of 5 pairs. |
| Quantity 1 | Number | 11,3 |  |  |
| Price 1 | Number | 10,5 |  |  |
| Quantity 2 | Number | 11,3 |  |  |
| Price 2 | Number | 10,5 |  |  |
| Quantity 3 | Number | 11,3 |  |  |
| Price 3 | Number | 10,5 |  |  |
| Quantity 4 | Number | 11,3 |  |  |
| Price 4 | Number | 10,5 |  |  |
| Quantity 5 | Number | 11,3 |  |  |
| Price 5 | Number | 10,5 |  |  |
| Quantity 6 | Number | 11,3 |  |  |
| Price 6 | Number | 10,5 |  |  |
| Quantity 7 | Number | 11,3 |  |  |
| Price 7 | Number | 10,5 |  |  |
| Quantity 8 | Number | 11,3 |  |  |
| Price 8 | Number | 10,5 |  |  |
| Quantity 9 | Number | 11,3 |  |  |
| Price 9 | Number | 10,5 |  |  |
| Quantity 10 | Number | 11,3 |  |  |
| Price 10 | Number | 10,5 |  |  |
| Quantity 11 | Number | 11,3 |  |  |
| Price 11 | Number | 10,5 |  |  |
| Quantity 12 | Number | 11,3 |  |  |
| Price 12 | Number | 10,5 |  |  |
| Quantity 13 | Number | 11,3 |  |  |
| Price 13 | Number | 10,5 |  |  |
| Quantity 14 | Number | 11,3 |  |  |
| Price 14 | Number | 10,5 |  |  |
| Quantity 15 | Number | 11,3 |  |  |
| Price 15 | Number | 10,5 |  |  |
| Quantity 16 | Number | 11,3 |  |  |
| Price 16 | Number | 10,5 |  |  |
| Quantity 17 | Number | 11,3 |  |  |
| Price 17 | Number | 10,5 |  |  |
| Quantity 18 | Number | 11,3 |  |  |
| Price 18 | Number | 10,5 |  |  |
| Quantity 19 | Number | 11,3 |  |  |
| Price 19 | Number | 10,5 |  |  |
| Quantity 20 | Number | 11,3 |  |  |
| Price 20 | Number | 10,5 |  |  |
| Speed-no-load | Number | 20,2 |  | Submitted speed-no-load cost. Applicable to day-ahead submitted offers only (Scheduling Components 5, 11). Otherwise, value will be NULL) |
| Start-up cost | Number | 20,2 |  | Submitted start up cost. Applicable to day-ahead submitted offers only (Scheduling Components 5, 11). Otherwise, value will be NULL) |

#### Data File Bid/Offer Data Market Renewal

These records provide the *energy* and *operating reserve* *bid* and *offer* data used in the corresponding statement for the *market participant*. They include all *bid/offer* data with the primary trading date applicable to the renewal of the market of the corresponding statement as the date.

Table 3-6b: Data File Bid/Offer Record Description (Post-MRP)

| Field | Type | Max Field Length | Domain | Description |
| --- | --- | --- | --- | --- |
| Record Type | Varchar | 1 | ‘V’ | Indicates the type of record as a bid/offer data record. |
| Price Type  (Single Field) | Varchar | 3 | ‘DA’ | Indicates the type of bid/offer is for energy and *operating reserve* in the day-ahead market. It combines price type “DAS” and “DAM” to produce a *bid/offer* for each hour. |
| Price Type  (Single Field) | Varchar | 3 | ‘DAE’ | Indicates the enhanced mitigated for conduct offer for energy and operating reserve in the day-ahead *market*. |
| Price Type  (Single Field) | Varchar | 3 | ‘DAH’ | Indicates the day-ahead *market* energy offer *reference level value* on the *resource’s* higher cost profile. |
| Price Type  (Single Field) | Varchar | 3 | ‘DAL’ | Indicates the day-ahead *market* energy offer *reference level value* on the *resource’s* lower cost profile. |
| Price Type  (Single Field) | Varchar | 3 | ‘DAM’ | Indicates the day-ahead *market* energy and *operating reserve* mitigated *offers*. |
| Price Type  (Single Field) | Varchar | 3 | ‘DAS’ | Indicates energy and operating reserve *offers* submitted by the *market participant* in the day-ahead *market*. |
| Price Type  (Single Field) | Varchar | 3 | ‘PD’ | Indicates the type of *bid/offer* is for energy submitted into pre-dispatch process. |
| Price Type  (Single Field) | Varchar | 3 | ‘RT’ | Indicates the type of *bid/offer* is for energy and *operating reserve* It combines price type “RTS” and “RTM” to produce a *bid/offer* for each hour. |
| Price Type  (Single Field) | Varchar | 3 | ‘RTE’ | Indicates the enhanced mitigated for conduct *offer* for energy and *operating reserve* in the real-time *market*. |
| Price Type  (Single Field) | Varchar | 3 | ‘RTH’ | Indicates the real-time *market* energy *offer* *reference level value* on the *resource’s* higher cost profile. |
| Price Type  (Single Field) | Varchar | 3 | ‘RTL’ | Indicates the real-time *market* energy *offer* *reference level value* on the *resource’s* lower cost profile. |
| Price Type  (Single Field) | Varchar | 3 | ‘RTM’ | Indicates the real-time *market* energy and *operating reserve* mitigated *offers*. |
| Price Type  (Single Field) | Varchar | 3 | ‘RTS’ | Indicates energy and operating reserve *offers* submitted in the real-time *market*. |
| Location ID | Number | 12 | NNNNNN | The location ID of the *bid/offer*. |
| Zone ID | Varchar | 16 | AAAA | The corresponding zone of the *bid/offer*. |
| Tie Point ID | Number | 12 | NNNNNN | The location ID of the tie point used for the import or export. |
| Tie Point Zone ID | Varchar | 16 | AAAA | The zone ID of where the tie point is found. |
| Scheduling Component ID  (Single Field) | Number | 2 | 1 | Indicates the type of *bid/offer* is for energy (MW). |
| Scheduling Component ID  (Single Field) | Number | 2 | 2 | Indicates the type of *offer* is for 10-minute spinning operating reserve (MW). |
| Scheduling Component ID  (Single Field) | Number | 2 | 3 | Indicates the type of *offer* is for 10-minute Non-spinning operating reserve (MW). |
| Scheduling Component ID  (Single Field) | Number | 2 | 4 | Indicates the type of offer is for 30-minute operating reserve (MW). |
| Scheduling Component ID  (Single Field) | Number | 2 | 11 | Indicate the type of *offer* is for the derived interval price curve |
| Scheduling Component ID  (Single Field) | Number | 2 | 12 | Indicate the type of *offer* is for the derived interval price curve for 10-minute spinning operating reserve (MW). |
| Scheduling Component ID  (Single Field) | Number | 2 | 13 | Indicate the type of offer is for the derived interval price curve for 10-minute Non-spinning operating reserve (MW). |
| Scheduling Component ID  (Single Field) | Number | 2 | 14 | Indicate the type of offer is for the derived interval price curve for 30-minute operating reserve (MW). |
| Trading Date | Date | 11 | DD-MMM-YYYY | The specific trading date for which the *bid/offer* is effective. |
| Trading Hour | Number | 2 | 1-24 | The hour for which the *bid/offer* is effective. |
| Trading Interval | Number | 2 | 0 | The Interval for which the *bid/offer* is effective.  Always ‘0’ when the record is from the day-ahead and pre-dispatch(hourly resolution) and when the “Price Type ‘RTH’ and ‘RTL’”. |
| Market Power Rule  (Single Field) | Varchar | 12 | ‘NCA’ | Denotes Narrow-Constrained Area conduct test for local market power.  When a *resource* fails the conduct test, a mitigation impact threshold will be applied to the applicable *settlement amount* for the impact test. |
| Market Power Rule  (Single Field) | Varchar | 12 | ‘DCA’ | Denotes Dynamic Constrained Area conduct test for local market power.  When a *resource* fails the conduct test, a mitigation impact threshold will be applied to the applicable *settlement amount* for the impact test. |
| Market Power Rule  (Single Field) | Varchar | 12 | ‘BCA’ | Denotes Broad Constrained Area conduct test for local market power.  When a *resource* fails the conduct test, a mitigation impact threshold will be applied to the applicable *settlement amount* for the impact test. |
| Market Power Rule  (Single Field) | Varchar | 12 | ‘REL’ | Denotes conduct test for local market power mitigation due to *reliability.*  When a *resource* fails the conduct test, a mitigation impact threshold will be applied to the applicable *settlement amount* for the impact test. |
| Market Power Rule  (Single Field) | Varchar | 12 | ‘GMP’ | Denotes Global Market Power (Energy) conduct test for local market power.  When a *resource* fails the conduct test, a mitigation impact threshold will be applied to the applicable *settlement amount* for the impact test. |
| Market Power Rule  (Single Field) | Varchar | 12 | ‘GMP\_GOG’ | Denotes a *GOG-eligible resource* received a *pre-dispatch operational commitment* for *energy* and was subjected to global market power mitigation conduct test. This indicates that the *resource* will not be subjected to an impact test if the real-time generation cost guarantee amount is less than or equal to $15,000. |
| Market Power Rule  (Single Field) | Varchar | 12 | ‘RLOC’ | Denotes Local Market Power (Operating Reserve) conduct test for local market power  When a *resource* fails the conduct test, a mitigation impact threshold will be applied to the applicable *settlement amount* for the impact test. |
| Market Power Rule  (Single Field) | Varchar | 12 | ‘RGMP’ | Denotes Global Market Power (Operating Reserve) conduct test for local market power  When a *resource* fails the conduct test, a mitigation impact threshold will be applied to the applicable *settlement amount* for the impact test. |
| Derived Interval Price Curve Type  (Single Field) | Varchar | 12 | ‘Normal’ | Indicate the type of *offer* is for the derived interval price curve for *pseudo-units*. |
| Derived Interval Price Curve Type  (Single Field) | Varchar | 12 | ‘CMT’ | Indicate the type of *offer* is for the derived interval price curve associated with real-time generation offer guarantee commitment. |
| Number of pairs | Varchar | 2 | 0-20  (0-5) | The number of quantity/price (q-p) pairs contained within the energy/operating reserve bid/offer.  Energy bid/offer curves may have a maximum of 20 pairs while *o*perating reserve offer curves may have a maximum of 5 pairs.  Derived interval price curves may have a maximum of 20 pairs for both *energy* and *operating reserve*. |
| Quantity 1 | Number | 11,3 |  |  |
| Price 1 | Number | 10,5 |  |  |
| Quantity 2 | Number | 11,3 |  |  |
| Price 2 | Number | 10,5 |  |  |
| Quantity 3 | Number | 11,3 |  |  |
| Price 3 | Number | 10,5 |  |  |
| Quantity 4 | Number | 11,3 |  |  |
| Price 4 | Number | 10,5 |  |  |
| Quantity 5 | Number | 11,3 |  |  |
| Price 5 | Number | 10,5 |  |  |
| Quantity 6 | Number | 11,3 |  |  |
| Price 6 | Number | 10,5 |  |  |
| Quantity 7 | Number | 11,3 |  |  |
| Price 7 | Number | 10,5 |  |  |
| Quantity 8 | Number | 11,3 |  |  |
| Price 8 | Number | 10,5 |  |  |
| Quantity 9 | Number | 11,3 |  |  |
| Price 9 | Number | 10,5 |  |  |
| Quantity 10 | Number | 11,3 |  |  |
| Price 10 | Number | 10,5 |  |  |
| Quantity 11 | Number | 11,3 |  |  |
| Price 11 | Number | 10,5 |  |  |
| Quantity 12 | Number | 11,3 |  |  |
| Price 12 | Number | 10,5 |  |  |
| Quantity 13 | Number | 11,3 |  |  |
| Price 13 | Number | 10,5 |  |  |
| Quantity 14 | Number | 11,3 |  |  |
| Price 14 | Number | 10,5 |  |  |
| Quantity 15 | Number | 11,3 |  |  |
| Price 15 | Number | 10,5 |  |  |
| Quantity 16 | Number | 11,3 |  |  |
| Price 16 | Number | 10,5 |  |  |
| Quantity 17 | Number | 11,3 |  |  |
| Price 17 | Number | 10,5 |  |  |
| Quantity 18 | Number | 11,3 |  |  |
| Price 18 | Number | 10,5 |  |  |
| Quantity 19 | Number | 11,3 |  |  |
| Price 19 | Number | 10,5 |  |  |
| Quantity 20 | Number | 11,3 |  |  |
| Price 20 | Number | 10,5 |  |  |
| Speed-no-load | Number | 20,2 |  | Submitted indicates the Speed-no-load cost used by the calculation engine to schedule the *resource* or mitigated speed-no-load. Otherwise, value will be NULL) |
| Start-up cost | Number | 20,2 |  | Indicates the start up cost used by the calculation engine to schedule the *resource* or mitigated start-up cost. Otherwise, value will be NULL |
| NERC Tag | Varchar | 40 |  | NERC tag |
| Capacity Transaction | Varchar | 1 | ‘Y’ | Indicates *bid/offers* is associated with capacity export |
| Capacity Transaction | Varchar | 1 | ‘N’ | Indicates *bid/offers* is not associated with capacity export |
| Minimum Daily Output | Number | 11,3 |  | Indicates the minimum daily energy (MW) limit |
| Minimum Hourly Output | Number | 11,3 |  | Indicates the minimum hourly energy (MW) quantity |
| Hourly Must Run | Number | 11,3 |  | Indicates the designated hourly energy (MW) quantity at which the *resource* must run. |

### Measurement Data (Optional)

#### Election to Receive Measurement Data

Measurement Data Records (Record Type ‘M”) are optionally provided to eligible *market participants* at their request. The procedures for requesting such measurements are described in MM 5.7 s.3.3.

#### Metering Data versus Delivery Point Measurements

The *IESO* Revenue Metering System (RMS) will net metering injection and withdrawal channels within each trading interval (i.e. intervals 1 through 12) for each trading hour of each *trading day* and report either net withdrawal (W) or net injection (I) values for each 5-minute trading interval for each *delivery point* defined for *physical market* charges. Metering that reports at 15-minute intervals will be reduced to 5-minute interval data by dividing each 15-minute report by 3. The resulting 5-minute measurements are reported to the *IESO* Commercial Reconciliation System (CRS) for each *delivery point* at which the *market participant* has been designated as the *metered market participant* (MMP) for the *trading day.*

*Market participants* should anticipate receiving measurement data for all *delivery points* defined for *physical market* charges at which the *market participant* is designated as the MMP.

#### Other IESO Defined Delivery Points

The *IESO* defines multiple *delivery points* for the purpose of totalling and loss adjusting *energy* readings used for calculating *physical market* charges and separately for calculating transmission tariff charges. Measurement Data Records are not produced for these transmission *delivery points*.

However, measurements can be reported for any *delivery point* defined for transmission tariff charges if there is an erroneous designation of a MMP for a transmission *delivery point* during the *IESO* registration process. Such registration errors are expected to be rare but are possible. Measurements reported at *delivery points* defined for transmission tariff charges will have no impact on the calculation of physical market charges since the IESO Commercial Reconciliation System blocks the processing of such measurements.

To aid the *IESO* and *market participants* in identifying any erroneous inclusion of measurements from *delivery points* defined for transmission tariff charges, measurement data records (record type M) include the *delivery point* type including the TDPN and TDPC designations used for the transmission tariff calculations.

*Market participants* should screen the measurement data to exclude measurements from unexpected *delivery points*.

#### Measurement Data File Format

These records provide the details of each 5-minute interval measurement that was used in the determination of the Preliminary or Final *settlement* for every *delivery point* for which the specific *market participant* has been registered as MMP.

The file contains data for one *trading day* for each *delivery point* at which the *market participant* has been designated as the *metered market participant* (MMP) for the *trading day.*

Table 3-7: Data file Measurement Data Record Description

| Field | Type | Max Field Length | Domain | Description |
| --- | --- | --- | --- | --- |
| Record Type | Varchar | 1 | ‘M’ | Indicates an hourly measurement data record. |
| Delivery Point ID | Number | 12 | NNNNNN | The delivery point ID assigned by the IESO.  The delivery point ID is a 6-character identifier. |
| Delivery Point Type  (Single Field) | Char | 4 | ‘G’ | ‘G’ – Indicates that the delivery point is classified as a Generator. |
| Delivery Point Type  (Single Field) | Char | 4 | ‘L’ | ‘L’– Indicates that the delivery point is classified as a Load. |
| Delivery Point Type  (Single Field) | Char | 4 | ’N’ | ‘N’– Indicates that the delivery point is classified as a Transmission Delivery Point for Network transmission service charges (650). |
| Delivery Point Type  (Single Field) | Char | 4 | ’C’ | ‘C’– Indicates that the delivery point is classified as a Transmission Delivery Point for Connection transmission service charges (651 and 652). |
| Delivery Point Sub Type (Single Field) | Char | 1 | ‘D’ | Indicates that the delivery point sub type is ‘Dispatchable’. |
| Delivery Point Sub Type (Single Field) | Char | 1 | ‘N’ | Indicates that the delivery point sub type is ‘Non-Dispatchable’. |
| Delivery Point Sub Type (Single Field) | Char | 1 | ‘X’ | Indicates that the delivery point does not have an applicable Sub Type. This is only used when Delivery Point Type is ‘N’ or ‘C’. |
| Trading Date | Date | N/A | DD-MMM-YYYY | The specific trading date of the interval measurement. |
| Trading Hour | Number | 2 | 1-24 | The specific hour of the interval measurement. |
| Trading Interval | Number | 2 | 1-12 | The specific 5-minute interval in the trading hour. |
| Zone\_ID | Varchar | 12 | AAAA | The zone in which the delivery point is located. |
| Measurement Quantity | Number | 11,3 |  | Indicates the 5-minute interval measurement quantity in Megawatts or Megavars. |
| UOM  (Single Field) | Varchar | 1 | ‘W’ | ‘W’ - Unit of Measurement for the 5-minute interval measurement data record is in Megawatts. |
| UOM  (Single Field) | Varchar | 1 | ‘V’ | ‘V’ – Unit of Measurement for the 5-minute interval measurement data record is in Megavars.  N.B. At market start the metered market participant should not expect to receive megavar measurements as part of this data file. |
| Actual Estimate Indicator | Varchar | 1 | ‘A’ | Indicates that the 5-minute interval measurement is based on validated metering data as reported by a main/alternate metering installation. |
| Injection Withdrawal Indicator  (Single Field) | Varchar | 1 | ‘I’ | Indicates that the 5-minute interval measurement represents a net injection in the 5-minute interval. |
| Injection Withdrawal Indicator  (Single Field) | Varchar | 1 | ’W’ | Indicates that the 5-minute interval measurement represents a net withdrawal in the 5-minute interval. |
| Update Date Time | Date / Time | N/A | YYYY-MM-DD-hh:mm:ss | Indicates the last date time that this measurement was reported from the Revenue Metering System. Time will be reported on a 24-hour clock. |

### Withdrawal Data

#### Data File Withdrawal Data

These records provide the withdrawal data used in the corresponding statement for the *market participant*. They include all *withdrawal* data within the *market participant’s* control with the primary trading date prior to the renewal market of the corresponding statement as the date.

Table 3-8a: Data file Withdrawal Data (Pre-MRP)

| Field | Type | Max Field Length | Domain | Description |
| --- | --- | --- | --- | --- |
| Record Type | Varchar | 1 | ‘W’ | Indicates the type of record as a *withdrawal* data record. |
| Location ID | Number | 12 | NNNNNN | The location of the withdrawn offer. |
| Request Time | Date | 16 | DD/MM/YYYY HH:MM | The time the withdrawal request was approved by the IESO. |
| Trading Date | Date | 11 | DD-MMM-YYYY | The specific trading date for which the withdrawal is effective. |
| Trading Hour | Number | 2 | 1-24 | The hour for which the withdrawal is effective. |
| Trading Interval | Number | 2 | 0 | always zero (‘0’) |

#### 

#### Data File Withdrawal Data Market Renewal

These records provide the withdrawal data used in the corresponding statement for the *market participant*. They include all *withdrawal* data within the *market participant’s* control with the primary trading date applicable to the renewal of the market of the corresponding statement as the date.

Table 3-8b: Data file Withdrawal Data (Post-MRP)

| Field | Type | Max Field Length | Domain | Description |
| --- | --- | --- | --- | --- |
| Record Type | Varchar | 1 | ‘W’ | Indicates the type of record as a withdrawal data record. |
| Location ID | Number | 12 | NNNNNN | The location of the withdrawn offer. |
| Location Type | Varchar | 1 | ‘G’ | Identifies the location type of the location as a *registered facility* that is a *generation facility*. |
| Location Subtype  (Single Field) | Varchar | 1 | ’D’ | The location subtype of the location is that of a *dispatchable facility.* |
| Request Time | Date | 16 | DD/MM/YYYY HH:MM | The time the withdrawal request was approved by the *IESO*. |
| Trading Date | Date | 11 | DD-MMM-YYYY | The specific trading date for which the withdrawal is effective. |
| Trading Hour | Number | 2 | 1-24 | The hour for which the withdrawal is effective. |
| Trading Interval | Number | 2 | 0 | always zero (‘0’) |
| Reason Code (Single Field) | Varchar | 12 | ‘WITHDRAW’ | Indicates the reason code as a withdrawal |
| Reason Code (Single Field) | Varchar | 12 | ‘OTHER’ | Indicates the reason code for other reasons and not included in the following:   * Late Return from Planned Outage * Forced Outage on Steam Turbine * Withdraw * Early Return from Planned Outage * Forced Derate * Forced Outage |

### Generation Data

#### Data File Daily Generation Data

These records provide the daily generation data (DGD) for physical units (PU) and for *pseudo-units* (PSU), calculated by the IESO, and used in the corresponding statement for the *market participant*. They include all *daily generation data* with the primary trading date prior to the renewal market of the corresponding statement as the date.

Table 3-9a: Data file Daily Generation Data (Pre-MRP)

| Field | Type | Max Field Length | Domain | Description |
| --- | --- | --- | --- | --- |
| Record Type | Varchar | 1 | ‘G’ | Indicates the type of record as a DGD record. |
| Location ID | Number | 12 | NNNNNN | The location of the DGD. |
| Trading Date | Date | 11 | DD-MMM-YYYY | The specific trading date for which the DGD is effective. |
| Single Cycle Mode | Varchar | 1 | A | A value “N” indicates that the associated PSU operates in combined cycle mode (ST contribution enabled). A value “Y” indicates the PSU operates in single cycle mode (ST contribution disabled).  Field is applicable to PU CTs only. |
| MLP 1-1 | Number | 10,5 |  | MLP for 1-1 |
| MLP 2-1 | Number | 10,5 |  | MLP for 2-1 Field is applicable to PU only |
| MLP 3-1 | Number | 10,5 |  | MLP for 3-1 Field is applicable to PU only |
| MLP 4-1 | Number | 10,5 |  | MLP for 4-1 Field is applicable to PU only |
| MGBRT | Number | 10,5 |  | Minimum generation block run-time |
| PSU-OR-1 | Number | 10,5 |  | PSU Operating region for the lower limit. Field is applicable to PSU only. |
| ST-OR-1 | Number | 10,5 |  | The lower limit operating region ST portion. Field is applicable to PSU only. |
| PSU-OR-2 | Number | 10,5 |  | PSU Operating region for the middle limit. Field is applicable to PSU only |
| ST-OR-2 | Number | 10,5 |  | The middle limit operating region ST portion. Field is applicable to PSU only |
| PSU-OR-3 | Number | 10,5 |  | PSU Operating region for the upper limit. Field is applicable to PSU only |
| ST-OR-3 | Number | 10,5 |  | The upper limit operating region ST portion. Field is applicable to PSU only |

#### Data File Generation Data

These records provide the *daily generation data* (DGD) for physical units (PU) and for *pseudo-units* (PSU), calculated by the *IESO*, and used in the corresponding statement for the *market participant*. They include all *daily generation data* with the primary trading date applicable to the renewal market of the corresponding statement as the date.

Table 3-9b: Data file Daily Generation Data (Post-MRP)

| Field | Type | Max Field Length | Domain | Description |
| --- | --- | --- | --- | --- |
| Record Type | Varchar | 1 | ‘G’ | Indicates the type of record as a generation record. |
| Market Type  (Single Field) | Varchar | 1 | ‘DA’ | Indicates the record is from the *day-ahead market*. |
| Market Type  (Single Field) | Varchar | 1 | ‘RT’ | Indicates the record is from the *real-time market*. |
| Trading Date | Date | 11 | DD-MMM-YYYY | The specific trading date for which the generation data is effective. |
| Trading Hour | Number | 2 | 1-24 | The trading hour for which the generation data is effective. |
| Location ID | Number | 12 | NNNNNN | The location of the generation data. |
| Zone ID | Varchar | 16 | AAAA | The zone for which the generation data is effective. |
| Number of Forbidden Region | Number | 12 |  | Indicates the number of forbidden operating regions associated with the generation data |
| Maximum Number of Startup | Number | 12 |  | Indicates the maximum number of starts per trade day. |
| Single Cycle Mode | Varchar | 1 | A | A value “N” indicates that the associated PSU operates in combined cycle mode (ST contribution enabled). A value “Y” indicates the PSU operates in *single cycle mode* (ST contribution disabled).  Field is applicable to PU CTs only. |
| MLP 1-1 | Number | 10,5 |  | MLP for 1-1 |
| MLP 2-1 | Number | 10,5 |  | MLP for 2-1 field is applicable to steam turbine(ST) only |
| MLP 3-1 | Number | 10,5 |  | MLP for 3-1 field is applicable to steam turbine(ST) only |
| MLP 4-1 | Number | 10,5 |  | MLP for 4-1 Field is to steam turbine(ST) only |
| MGBRT | Number | 10,5 |  | *Minimum generation block run-time* |
| MGBDT | Number | 10,5 |  | *Minimum generation block down-time* |
| PSU-OR-1 | Number | 10,5 |  | PSU Operating region for the lower limit. Field is applicable to PSU only. |
| ST-OR-1 | Number | 10,5 |  | The lower limit operating region ST portion. Field is applicable to PSU only. |
| PSU-OR-2 | Number | 10,5 |  | PSU Operating region for the middle limit. Field is applicable to PSU only |
| ST-OR-2 | Number | 10,5 |  | The middle limit operating region ST portion. Field is applicable to PSU only |
| PSU-OR-3 | Number | 10,5 |  | PSU Operating region for the upper limit. Field is applicable to PSU only |
| ST-OR-3 | Number | 10,5 |  | The upper limit operating region ST portion. Field is applicable to PSU only |
| FORBIDDEN\_REGION\_MW1\_UPPER | Number | 10,5 |  | Upper limit of forbidden region 1 |
| FORBIDDEN\_REGION\_MW1\_LOWER | Number | 10,5 |  | Lower limit of forbidden region 1 |
| FORBIDDEN\_REGION\_MW2\_UPPER | Number | 10,5 |  | Upper limit of forbidden region 2 |
| FORBIDDEN\_REGION\_MW2\_LOWER | Number | 10,5 |  | Lower limit of forbidden region 2 |
| FORBIDDEN\_REGION\_MW3\_UPPER | Number | 10,5 |  | Upper limit of forbidden region 3 |
| FORBIDDEN\_REGION\_MW3\_LOWER | Number | 10,5 |  | Lower limit of forbidden region 3 |
| FORBIDDEN\_REGION\_MW4\_UPPER | Number | 10,5 |  | Upper limit of forbidden region 4 |
| FORBIDDEN\_REGION\_MW4\_LOWER | Number | 10,5 |  | Lower limit of forbidden region 4 |
| FORBIDDEN\_REGION\_MW5\_UPPER | Number | 10,5 |  | Upper limit of forbidden region 5 |
| FORBIDDEN\_REGION\_MW5\_LOWER | Number | 10,5 |  | Lower limit of forbidden region 5 |

### Data File MLP Constrained Schedule Data

These records provide the MLP constrained schedule quantities calculated by the IESO and used in the corresponding statement for the *market participant*. They include all *MLP constrained schedule quantities* with the primary trading date of the corresponding statement as the date.

Table 3-10: Data file MLP Constrained Schedule Data (Pre-MRP)

| Field | Type | Max Field Length | Domain | Description |
| --- | --- | --- | --- | --- |
| Record Type | Varchar | 1 | ‘C’ | Indicates the type of record as a *MLP constrained schedule* data record. |
| Location ID | Number | 12 | NNNNNN | The location of the schedule. |
| Trading Date | Date | 11 | DD-MMM-YYYY | The specific trading date for which the schedule is effective. |
| Trading Hour | Number | 2 | 1-24 | The hour for which the schedule is effective. |
| Trading Interval | Number | 2 | 0 | always zero (‘0’) |
| MLP\_Const\_Qty | Number | 10,5 |  | The calculated MLP constrained quantity for the combustion turbine. |

### Data File Outages Data

These records provide the outages used in the corresponding statement for the *market participant*. They include all *outages* with the primary trading date of the corresponding statement as the date.

Table 3-11: Data file Outages Data (Pre-MRP)

| Field | Type | Max Field Length | Domain | Description |
| --- | --- | --- | --- | --- |
| Record Type | Varchar | 1 | ‘O’ | Indicates the type of record as an outage data record. |
| Location ID | Number | 12 | NNNNNN | The location of the outage. |
| Trading Date | Date | 11 | DD-MMM-YYYY | The specific trading date for which the outage is effective. |
| Trading Hour | Number | 2 | 1-24 | The hour for which the outage is effective. |
| Trading Interval | Number | 2 | 1 - 12 | The interval for which the outage is effective. |
| Outage MW | Number | 10 | 5 | The de-rated value of the generator. |

### Nodal Price Data

These records provide *market participants* with day-ahead and pre-dispatch nodal price data used in the corresponding statement for the *market participant*. They include all *nodal prices* with the primary trading date of the corresponding statement as the date.

Table 3-12: Nodal Price Data (Pre-MRP)

| Field | Type | Max Field Length | Domain | Description |
| --- | --- | --- | --- | --- |
| Record Type | Varchar | 1 | ‘N’ | Indicates the type of record is a Nodal Price Data record. |
| Price Type  (Single Field) | Varchar | 1 | ‘X’ | Indicate the type of record is a day-ahead nodal price |
| Price Type  (Single Field) | Varchar | 1 | ‘Q’ | Indicate the type of record is a pre-dispatch nodal price |
| Trading Date | Date | 11 | DD-MMM-YYYY | The specific trading date for which the price is effective. |
| Hour | Number | 2 | 1-24 | The hour for which the price is effective. |
| Minute Interval | Number | 2 | 0-12 | The minute for which the price is effective (0 for day-ahead and pre-dispatch hourly prices). |
| Location ID | Number | 12 | NNNNNN | The location of the price. |
| Zone ID | Varchar | 16 | AAAA | The zone for which the price is effective. |
| Price | Number | 12,5 |  | The price in $/MWh. Calculated prices will be capped to a maximum of 9999999.00 and a minimum of -9999999.00. |

### Forebay Dispatch Data

These records provide *market participants* with *forebay dispatch data* used in the corresponding statement for the *market participant*. They include all *forebay dispatch data* with the primary trading date of the corresponding statement as the date.

Table 3-13: Ontario Area Price Data

| Field | Type | Max Field Length | Domain | Description |
| --- | --- | --- | --- | --- |
| Record Type | Varchar | 1 | ‘D’ | Indicates the type of record is a *forebay dispatch data*. |
| Market Type  (Single Field) | Varchar | 2 | ‘DA’ | Indicates the record is from the *day-ahead market*. |
| Market Type  (Single Field) | Varchar | 2 | ‘RT’ | Indicates the record is from the *real-time market*. |
| Forebay ID | Number | 12 |  | The forebay ID |
| Trading Date | Date | 11 | DD-MMM-YYYY | The specific trading date for which the *dispatch* is effective. |
| Trading Hour | Number | 2 | 1-24 | The trading hour for which the *dispatch* is effective. |
| Forebay Sequence ID | Number | 13 |  | Derived value. Unique sequence number within each *cascade group* |
| Linked Down Forebay Flag (single field) | Varchar | 1 | “Y” | Identify there is a linked *forebay* downstream |
| Linked Down Forebay Flag (single field) | Varchar | 1 | “N” | Identify there is no linked *forebay* downstream |
| Forebay Name Down | Varchar | 32 |  | Name of the associated Downstream Forebay ( if any) |
| Time Lag | Number | 4 |  | Time Lag (in hours) for the flow from upstream to downstream forebay.  This is a non-negative integer. |
| Minimum Daily Output | Number | 7,1 |  | *Minimum daily energy limit* |
| Maximum Daily Output | Number | 7,1 |  | *Maximum daily energy limit.* |
| MW Ratio | Number | 6,2 |  | MW Ratio (expressed up to 2 decimal places) |

### Constraint Codes Data

These records provide *market participants* with the *Constraint Codes* used in the corresponding statement for the *market participant*.

Table 3-14: Constraint Code Data

| Field | Type | Max Field Length | Domain | Description |
| --- | --- | --- | --- | --- |
| Record Type | Varchar | 1 | ‘C’ | Indicates the type of record is a *constraint code data*. |
| Location ID | Number | 12 | NNNNNN | The location id associated with the constraint |
| Trading Date | Date | 11 | DD-MMM-YYYY | The specific trading date for which the constraint is effective. |
| Trading Hour | Number | 2 | 1-24 | The hour for which the constraint is effective. |
| Trading Interval | Number | 2 | 1-12 | The interval for which the constraint is effective. |
| Constraint Type | Varchar | 10 | SEAL | Indicates when a *market participant* requests to operate in a manner that avoids endangering people, equipment damage or the violation of an applicable law (SEAL) |
| Limit Type | Varchar | 3 | AAA | This represents a minimum, maximum or fixed constraint applied manually by operators at the request of market participant. |
| Quantity | Number | 11,3 |  | This represents the constraint MW |
| Datetime Start | Date | 16 | DD/MM/YYYY HH:MM | Start date and time of the constraint |
| Datetime End | Date | 16 | DD/MM/YYYY HH:MM | End date and time of the constraint |

– End of Section

Appendix A: Charge Type Column Cross Reference

A.1 Automatic Charges

Summary of automatic charges

A.1.1 Primary Charge Column Cross Reference

| **1** | **2** | **Name** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** | **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **30** | **31** | **32** | **33** | **34** | **35** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **record type** | **charge type** | **Description** | **trading date** | **trading hour** | **trading interval** | **settlement amount** | **zone id** | **location id** | **settlement type** | **billable quantity** | **price** | **price 1** | **price 2** | **sum of AQEW and scheduled export quantity** | **location 1** | **location 2** | **intertie metering point ID** | **intertie metering point zone** | **total quantity to uplift/allocate** | **constant** | **bilateral tax rate for charge types 100 & 101** | **scheduled import quantity** | **scheduled export quantity** | **allocated quantity of energy withdrawn** | **allocated quantity of energy injected** | **total bilateral quantity sold** | **total bilateral quantity bought** | **amount 1** | **amount 2 (bilateral tax amount for charge types 100 & 101)** | **amount 3** | **per unit charge id** | **zone id 1 or Reason Code or Transmitter** | **zone id 2** | **tax rate** | **tax amount** |
| DP | 52 | Transmission Rights Auction Settlement Debit | trade date | trade hour | trade interval (always '0') | X |  |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Quantity of Transmission Rights Bought | Auction Price for Rights Purchased |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Source Zone | Sink Zone |  |  |
| DP | 100 | Net Energy Market Settlement for Generators and Dispatchable Load | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Sum of AQEI, SQEI, AQEW, SQEW and BCQ | Energy Market Price (EMP) |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  | Physical Bilateral Contract Tax Rate (%) | SQEI or Zero (0) | SQEW or Zero (0) | AQEW or Zero (0) | AQEI or Zero (0) | BCQ or Zero (0) | BCQ or Zero (0) |  | Physical Bilateral Contract Tax Amount ($) |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 101 | Net Energy Market Settlement for Non-dispatchable Load | trade date | trade hour | trade interval (always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  | HOEP |  |  |  |  |  |  |  |  | Physical Bilateral Contract Tax Rate (%) | Zero (0) | Zero (0) | AQEW or Zero (0) | AQEI or Zero (0) |  | BCQ or Zero (0) | Sum of BCQ x EMP for Twelve Intervals | Physical Bilateral Contract Tax Amount ($) |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 103 | Transmission Charge Reduction Fund | trade date | trade hour | trade interval (always '0') | X |  |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Net Congestion Rentals | Sum of the Transmission Rights Settlement Credit (TRSC) for all MPs |  |  |  |  |  |  |
| DP | 104  (Pre-MRP) | Transmission Rights Settlement Credit | trade date | trade hour | trade interval (always '0') | X |  |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Quantity of Transmission Rights Owned (QTR) | Intertie Congestion Price (ICP) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Source Zone | Sink Zone | Tax Rate (%) | Tax Amount ($) |
| DP | 104  (Post  MRP) | Transmission Rights Settlement Credit | trade date | trade hour | trade interval(always '0') | X |  |  | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | Quantity of Transmission Rights Owned (QTR) | Day Ahead Market ExternalCongestion Price (DAM\_PEC) |  |  |  |  |  |  | TTC\_OUTAGE\_FLAG |  |  |  |  |  |  |  |  |  |  |  |  |  | Source Zone | Sink Zone | Tax Rate (%) | Tax Amount ($) |
| DP | 105 | Congestion Management Settlement Credit for Energy | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  | Lower Limit or NULL |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  |  | OP (MQSI/W) | OP (DQSI/W) | OP (AQEI/W) |  | Reason Code or NULL | Exemption Reference | Tax Rate (%) | Tax Amount ($) |
| DP | 106 | Congestion Management Settlement Credit for 10 Minute Spinning Reserve | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  |  | OP (SQROR) | OP (DQSR) | OP (AQOR) Note: For Reserves DQSR=AQOR |  | Reason Code or NULL |  | Tax Rate (%) | Tax Amount ($) |
| DP | 107 | Congestion Management Settlement Credit for 10 Minute Non-Spinning Reserve | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  |  | OP (SQROR) | OP (DQSR) | OP (AQOR) Note: For Reserves DQSR=AQOR |  | Reason Code or NULL |  | Tax Rate (%) | Tax Amount ($) |
| DP | 108 | Congestion Management Settlement Credit for 30 Minute Operating Reserve | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  |  | OP (SQROR) | OP (DQSR) | OP (AQOR) Note: For Reserves DQSR=AQOR |  | Reason Code or NULL |  | Tax Rate (%) | Tax Amount ($) |
| DP | 112 | Business Protection Plan Rebate | trade date | trade hour (always ‘0’) | trade interval (always '0') | X | Zone ID |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RFP, F or C |  |  |  |  |  |  |  |  |  |  |  |  | Zero (0) | Zero (0) | Sum of AQEW for the Settlement Period for the MP | Zero (0) |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 119 | Station Service Reimbursement Credit | Last Trading Date of the Month | 0 | 0 | X | Zone ID  “ONZN” | Max Delivery Point ID for the facility | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Total eligible qualified load for the month |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | “Facility ID #” + ID |  | Tax Rate (%) | Tax Amount ($) |
| DP | 121 | Northern Energy Advantage Program Settlement Amount | Last Trading Date of the Month | 0 | 0 | X | Zone ID  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Total eligible qualified load for the quarter |  |  |  | YTD eligible qualified load |  |  |  | IESO Participant Name | Annual Rebate Limit | Rebate Rate |  |  |  |  |  |  |  |  |  |  |  | NEAP Participant Name |  | Tax Rate (%) | Tax Amount ($) |
| DP | 122 | Ramp-down Settlement Amount | trade date | trade hour | trade interval | X | Zone ID “ONZN” | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  | Start Ramp-down Hour | Start Ramp-down interval |  |  |  |  |  |  |  | Start Ramp-down date |  |  |  |  |  |  |  | OP (MQSI) | OP (DQSI) | OP (AQEI) |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 130 | Intertie Offer Guarantee Settlement Credit - Energy | trade date | trade hour | trade interval  (always ‘0’) | X | Zone ID | CSP ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RFP, F or C |  |  |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  |  | -1 \* OP  (MQSI) |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 133 | Generation Cost Guarantee Payment | Sync Date | Sync Hour | 0 | X | Zone ID  “ONZN” | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  |  | Replacement  Location id 1  /  Replacement  Location id 2 |  | Computed MRT |  |  |  |  |  |  | Submitted Cost | Incremental Cost | Energy Revenue | CMSC Revenue |  | Eligibility  Test  Result |  | Tax Rate (%) | Tax Amount ($) |
| DP | 135 | Real-time Import Failure Charge | Trade date | trade hour | trade interval  (always ‘0’) | X | Zone ID | CSP ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  | RT\_ISD |  |  |  |  |  |  |  | PB\_IM |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 136 | Real-time Export Failure Charge | Trade date | trade hour | trade interval  (always ‘0’) | X | Zone ID | CSP ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  | RT\_ESD |  |  |  |  |  |  | PB\_EX |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 140 | Fixed Energy Rate Settlement Amount | X | X | X  (Always '0') | X | X  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RFP, F or C | X | Fixed Energy Rate (FPhm) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 141 | Fixed Wholesale Charge Rate Settlement Amount | X | X  (Always '0') | X  (Always '0') |  | X  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RFP, F or C | X | Fixed Rate for a designated group of *charge types* (FPChm) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 142 | Regulated Price Plan Settlement Amount  (Non-Online Forms) | Last Trading Date of the Month | 0 | 0 | X | Zone ID  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Total AQEW (kWh) | Tier 2 Price | Tier 3 Price or Rebate Factor | Tier 4 Price |  |  |  |  | Reference ID | Total Base Settlement Amount |  |  | Tier 2 Limit (kWh) | Tier 3 Limit (kWh) | Tier 4 Limit (kWh) |  |  | BCQ (kWh) |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 144 | Regulated Generation Contract Adjustment - Nuclear | X | X | X | X | X  “ONZN” | X  (designated DP for each station) | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Sum of AQEI | MCP if applicable | Hoep if applicable | Regulated Rate (RP) | Factor (%) applied to the amount of generation used |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 145  (Pre-MRP) | Regulated Generation Contract Adjustment – Hydro electric | X | X | X | X | X  “ONZN” | X  (designated DP for each station) | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  | Regulated Rate (RP) | Total Station AQEI for the hour |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 145  (Post MRP) | Regulated Generation Contract Adjustment – Hydro electric | X | X | X | X | X  “ONZN” | X  (designated DP for each station) | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  | Regulated Rate (RP) | Total hydroelectric generation MW for the trade date |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Payment type | Tax Rate (%) | Tax Amount ($) |
| DP | 146 | Global Adjustment Settlement Amount | Last Trading Date of the Month | trade hour (always ‘0’) | trade interval (always '0') | X | X  “ONZN” | (Blank) | P, C, A, F, R1, R2, R3, R4, R5, R6 or RFP, F or C |  |  |  |  | Total of AQEW & EGEI minus EEQ used in calculation of uplift |  |  |  |  | Total quantity to uplift/allocated | Sum of EEQ for the Settlement period for the MP |  | Zero (0) | Zero (0) | Sum of AQEW for the Settlement Period for the MP | Sum of EGEI for the Settlement Period for the MP |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 147 | Class A Global Adjustment Settlement Amount | Last Trading Date of the Month | trade hour (always ‘0’) | trade interval (always '0') | X | X  “ONZN” | Delivery Point ID (for non-LDCs) | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  |  |  | Total quantity to uplift/allocated |  |  |  |  |  |  |  |  |  |  |  |  | # of days the Peak Demand Factor is active for in the month | Peak Demand Factor | Tax Rate (%) | Tax Amount ($) |
| DP | 148 | Class B Global Adjustment Settlement Amount | Last Trading Date of the Month | trade hour (always ‘0’) | trade interval (always '0') | X | X  “ONZN” | Delivery Point ID (for non-LDCs) | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Billable Class B Load |  |  |  | Total of AQEW – U.1 for Class B market participants used in calculation of uplift |  |  |  |  | Total quantity to uplift/allocated | Sum of EEQ for the Settlement period for the MP or exempted MWh |  | Zero (0) | Zero (0) | Class B AQEW for the Settlement Period for the MP | Sum of EGEI for the Settlement Period for the MP |  |  | Ancillary Service AQEW for the Settlement Period for the MP | AQEW at Beck PGS for the Settlement Period | Storage Facility Energy Injection |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 190 | Fixed Energy Rate Balancing Amount | X | X | X  (Always '0') | X | X  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RFP, F or C |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 191 | Fixed Wholesale Charge Rate Balancing Amount | X | X  (Always '0') | X  (Always '0') | X | X  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RFP, F or C |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 192 | Regulated Price Plan Balancing Amount  (Non-Online Forms) | Last Trading Date of the Month | 0 | 0 | X | Zone ID  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Total AQEW (kWh) |  |  |  |  |  |  |  | Reference ID |  |  |  |  |  |  |  |  |  |  |  |  | Base Participant ID |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 194 | Regulated Generation Contract Balancing Amount – Nuclear | X | X | X | X | X  “ONZN” | X  (designated DP for each station) | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Sum of AQEI | MCP if applicable | Hoep if applicable | Regulated Rate (RP) | Factor (%) applied to the amount of generation used |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 195  (Pre-MRP) | Regulated Generation Contract Balancing Amount – Hydro electric | X | X | X | X | X  “ONZN” | X  (designated DP for each station) | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  | Regulated Rate (RP) | Total Station AQEI for the hour |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 195  (Preost-MRP) | Regulated Generation Contract Balancing Amount – Hydro electric | X | X | X | X | X  “ONZN” | X  (designated DP for each station) | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  | Regulated Rate (RP) | Total hydroelectric generation MWs for the trade date |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Payment Type | Tax Rate (%) | Tax Amount ($) |
| DP | 196 | Global Adjustment Balancing Amount | Last Trading Date of the Month | trade hour (always ‘0’) | trade interval (always '0') | X | X  “ONZN” | (Blank) | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  | Class B \ |  |  |  |  | Total quantity to uplift/allocated |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Zero (0) | Zero (0) |
| DP | 197 | Global Adjustment – Special Programs Balancing Amount | Last Trading Date of the Month | trade hour (always ‘0’) | trade interval (always '0') | X | X  “ONZN” | (Blank) | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  |  |  | Total quantity to uplift/allocated |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Zero (0) | Zero (0) |
| DP | 200 | 10 Minute Spinning Reserve Market Settlement Credit | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | AQOR | Price for Class R Reserve (PROR) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 202 | 10 Minute Non-spinning Reserve Market Settlement Credit | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | AQOR | Price for Class R Reserve (PROR) |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 204 | 30 Minute Operating Reserve Market Settlement Credit | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | AQOR | Price for Class R Reserve (PROR) |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 206  (Pre-MRP) | 10 Minute spinning non-Accessibility Settlement Amount | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Non-accessible OR quantity for the location | Price for Class R Reserve (PROR) |  |  | Total non-accessble OR quantity (for aggregated generators |  |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  |  |  |  | MAX\_CAP |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 206  (Post  MRP) | 10 Minute spinning non-Accessibility Settlement Amount | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | Non-accessble OR quantity for the location | Price for Class R Reserve  (RT\_PROR |  |  | Total non-accessble OR quantity (for aggregated |  |  | Tie Point ID | Tie Point Zone |  | Reallocated excess available headroom for 10S operating reserve |  |  |  |  |  |  | Total accessible OR  (TAOR) | Reallocated excess available headroom for 10N operating reserve | Reallocated excess available headroom for 30R operating reserve |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 208  (Pre-MRP) | 10 Minute non spinning non-Accessibility Settlement Amount | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Non-accessble OR quantity for the location | Price for Class R Reserve (PROR) |  |  | Total non-accessble OR quantity(for aggregated generators |  |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  |  |  |  | MAX\_CAP |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 208  (Post  MRP) | 10 Minute non spinning non-Accessibility Settlement Amount | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | Non-accessble OR quantity for the location | Price for Class R Reserve  (RT\_PROR |  |  | Total non-accessble OR quantity (for aggregated |  |  | Tie Point ID | Tie Point Zone |  | Reallocated excess available headroom for 10S operating reserve |  |  |  |  |  |  | Total accessible OR  (TAOR | Reallocated excess available headroom for 10N operating reserve | Reallocated excess available headroom for 30R operating reserve | ) |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 210  (Pre-MRP) | 30 Minute non-Accessibility Settlement Amount | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Non-accessble OR quantity for the location | Price for Class R Reserve (PROR) |  |  | Total non-accessble OR quantity (for aggregated generators |  |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  |  |  |  | MAX\_CAP |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 210  (Post  MRP) | 30 Minute non-Accessibility Settlement Amount | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | Non-accessble OR quantity for the location | Price for Class R Reserve  (RT\_PROR |  |  | Total non-accessble OR quantity (for aggregated |  |  | Tie Point ID | Tie Point Zone |  | Reallocated excess available headroom for 10S operating reserve |  |  |  |  |  |  | Total accessible OR  (TAOR) | Reallocated excess available headroom for 10N operating reserve | Reallocated excess available headroom for 30R operating reserve |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 212 | Day-Ahead Market 10-Minute Spinning Reserve Settlement Credit | trade date | trade hour | trade interval(always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | DAM\_QSOR\_R1 | DAM\_PROR\_R1 |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 213 | Real-Time 10-Minute Spinning Reserve Settlement Credit | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | Net of RT\_QSOR\_R1, DAM\_QSOR\_R1 | RT\_PROR\_R1 |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  | DAM\_QSOR\_R1 |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 214 | Day-Ahead Market 10-Minute Non-Spinning Reserve Settlement Credit | trade date | trade hour | trade interval(always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | DAM\_QSOR\_R2 | DAM\_PROR\_R2 |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 215 | Real-Time 10-Minute Non-Spinning Reserve Settlement Credit | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | Net of RT\_QSOR\_R2, DAM\_QSOR\_R2 | RT\_PROR\_R2 |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  | DAM\_QSOR\_R2 |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 216 | Day-Ahead Market 30-Minute Operating Reserve Settlement Credit | trade date | trade hour | trade interval(always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | DAM\_QSOR\_R3 | DAM\_PROR\_R3 |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 217 | Real-Time 30-Minute Operating Reserve Settlement Credit | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | Net of RT\_QSOR\_R3, DAM\_QSOR\_R3 | RT\_PROR\_R3 |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  | DAM\_QSOR\_R3 |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 404 | Regulation Service Settlement Credit | Last Trading Date of the Month | 0 | 0 | X | Zone ID  “ONZN” | Aggregate Delivery Point ID  or  (Blank) | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Distribution Cost Amount  or  Fixed  Payment  Amount | Market Cost Amount  or  Variable  Payment  Amount | Fixed Payment Amount  or  MMO  Payment  Amount |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 600 | Network Service Payment | Last Trading Date of the Month | trade hour (always ‘0’) | trade interval (always '0') | X | Zone ID |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Sum of all NSD Quantities (from Charge Type 650) | PTS-N or transmitter specific (same as Charge 650) | Proportionality Factor |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Sum of 650 charges |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 601 | Line Connection Service Payment | Last Trading Date of the Month | trade hour (always ‘0’) | trade interval (always '0') | X | Zone ID |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RFor C | Sum of all LCD Quantities (from Charge Type 651) | PTS-L or transmitter specific (same as Charge 651) | Proportionality Factor |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Sum of 651 charges |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 602 | Transformation Connection Service Payment | Last Trading Date of the Month | trade hour (always ‘0’) | trade interval (always '0') | X | Zone ID |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Sum of all TCD Quantities (from Charge Type 652) | PTS-T or transmitter specific (same as Charge 652) | Proportionality Factor |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Sum of 652 charges |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 603 | Export Transmission Service Payment | Last Trading Date of the Month | trade hour (always ‘0’) | trade interval (always '0') | X | Zone ID |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Sum of all SQEW (from Charge 653) for each Zone ID / Tie Point ID | ETS or transmitter specific (same as Charge 653) | Proportionality Factor |  |  |  |  | Tie Point ID |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 650 | Network Service Charge | Last Trading Date of the Month | trade hour (always ‘0’) | trade interval (always '0') | X | Zone ID | Transmission Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | NSD (in KW) | PTS-N ($/KW) or transmitter specific ($/KW) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Demand Date | Demand Hour |  |  | Short name of Transmitter |  | Tax Rate (%) | Tax Amount ($) |
| DP | 651 | Line Connection Service Charge | Last Trading Date of the Month | trade hour (always ‘0’) | trade interval (always '0') | X | Zone ID | Transmission Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | LCD (in KW) | PTS-L ($/KW) or transmitter specific ($/KW) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Demand Date | Demand Hour |  |  | Short name of Transmitter |  | Tax Rate (%) | Tax Amount ($) |
| DP | 652 | Transformation Connection Service Charge | Last Trading Date of the Month | trade hour (always ‘0’) | trade interval (always '0') | X | Zone ID | Transmission Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | TCD (in KW) | PTS-T ($/KW) or transmitter specific ($/KW) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Demand Date | Demand Hour |  |  | Short name of Transmitter |  | Tax Rate (%) | Tax Amount ($) |
| DP | 653 | Export Transmission Service Charge | Last Trading Date of the Month | trade hour (always ‘0’) | trade interval (always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Sum of all SQEW for each Zone ID / Tie Point ID for the month | ETS ($/MW/h) or transmitter specific ($/MW/h) |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  |  |  |  |  |  | Short name of Transmitter |  | Tax Rate (%) | Tax Amount ($) |
| DP | 702 | Debt Retirement Credit | Last Trading Date of the Month | trade hour (always ‘0’) | trade interval (always '0') | X | Zone ID |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Sum of the billable quantities from code 752 | Tariff rate |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 703 | Rural Rate Assistance Settlement Credit | Last Trading Date of the Month | trade hour (always ‘0’) | trade interval (always '0') | X | Zone ID |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Sum of the billable quantities from code 753 | Tariff rate |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 704 | OPA Administration Credit | Last Trading Date of the Month | trade hour (always ‘0’) | trade interval (always '0') | X | X  “ONZN” | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Sum of AQEW | Tariff rate |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 752 | Debt Retirement Charge | Last Trading Date of the Month | trade hour (always ‘0’) | trade interval (always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Sum of AQEW for MP | Tariff rate or MP/DP specific ($/MW/h) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 753 | Rural Rate Assistance Settlement Debit | Last Trading Date of the Month | trade hour (always ‘0’) | trade interval (always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Sum of AQEW for MP, excluding any exempted load | Tariff rate or MP/DP specific ($/MW/h) |  |  |  |  |  |  |  |  |  |  |  |  | Sum of AQEW for MP |  |  |  | Sum of exempted load for the MP |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 754 | OPA Administration Charge | Last Trading Date of the Month | trade hour (always ‘0’) | trade interval (always '0') | X | X  “ONZN” | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Sum of AQEW | Tariff rate |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1050 | Self-induced Dispatchable Load CMSC Clawback. | Trade date | Trade hour | Trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | OP at minimum consumption |  | Business Rule for CMSC clawback |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1051 | Ramp-down CMSC Clawback | Trade date | Trade hour | Trade interval | X | Zone ID “ONZN” | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  | Start Ramp-down Hour | Start Ramp-down interval |  |  |  |  |  |  |  | Start Ramp-down date |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1100 | Day-Ahead Market Energy Settlement Amount for Dispatchable Generators | trade date | trade hour | trade interval(always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | DAM\_QSI, | DAM\_LMP for Energy |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1101  (Pre-MRP) | Real-Time Balancing Energy Settlement Amount for Dispatchable Generators | Trade date | Trade hour | Trade interval | X | Zone ID “ONZN” | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Sum of AQEI, AQEW, and BCQ | Energy Market Price (EMP) |  |  |  |  |  |  |  |  |  | Physical Bilateral Contract Tax Rate (%) | Always Zero 0 | Always Zero 0 | AQEW or Zero (0) | AQEI or Zero (0) | BCQ or Zero (0) | BCQ or Zero (0) | Physical Bilateral Contract Amount ($) | Physical Bilateral Contract Tax Amount ($) |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1101  (PostMRP) | Real-Time Energy Settlement Amount for Generators | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | Sum of AQEI, AQEW, DAM\_QSI | RT\_LMP for Energy |  |  |  |  |  |  |  |  |  |  |  |  | AQEW or Zero (0) | AQEI or Zero (0) |  | DAM\_QSI |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1102 | Day-Ahead Market Energy Settlement Amount for Dispatchable Loads | trade date | trade hour | trade interval(always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | DAM\_QSW | DAM\_LMP for Energy |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1103  (Pre-MRP) | Real-Time Balancing Energy Settlement Amount for Dispatchable Loads | Trade date | Trade hour | Trade interval | X | Zone ID “ONZN” | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Sum of AQEI, AQEW, and BCQ | Energy Market Price (EMP) |  |  |  |  |  |  |  |  |  | Physical Bilateral Contract Tax Rate (%) | Always Zero 0 | Always Zero 0 | AQEW or Zero (0) | AQEI or Zero (0) | BCQ or Zero (0) | BCQ or Zero (0) | Physical Bilateral Contract Amount ($) | Physical Bilateral Contract Tax Amount ($) |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1103  (PostMRP) | Real-Time Energy Settlement Amount for Dispatchable Loads | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | Sum of AQEI, AQEW, DAM\_QSI | RT\_LMP for Energy |  |  |  |  |  |  |  |  |  |  |  |  | AQEW or Zero (0) | AQEI or Zero (0) |  | DAM\_QSW |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1104 | Day-Ahead Market Energy Settlement Amount for Price Responsive Loads | trade date | trade hour | trade interval(always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | Sum of DAM\_QSW, DAM\_HDR\_QSW, | DAM\_LMP for Energy |  |  |  |  |  |  |  |  | DAM\_HDR\_QSW |  |  |  |  |  |  | DAM\_QSW |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1105 | Real-Time Energy Settlement Amount for Price Responsive Loads | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | Sum of AQEW, AQEI, DAM\_QSW, DAM\_HDR\_QSW | RT\_LMP for Energy |  |  |  |  |  |  |  |  | DAM\_HDR\_QSW |  |  |  | AQEW | AQEI |  | DAM\_QSW |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1106 | Day-Ahead Market Energy Settlement Amount for Virtual Transactions to Sell | trade date | trade hour | trade interval(always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | DAM\_QVSI | DAM\_LMP for Energy |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1107 | Real-Time Energy Settlement Amount for Virtual Transactions to Sell | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | DAM\_QVSI | RT\_LMP for Energy |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | DAM\_QVSI |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1108 | Day-Ahead Market Energy Settlement Amount for Virtual Transactions to Buy | trade date | trade hour | trade interval(always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | DAM\_QVSW | DAM\_LMP for Energy |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1109 | Real-Time Energy Settlement Amount for Virtual Transactions to Buy | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | DAM\_QVSW | RT\_LMP for Energy |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | DAM\_QVSW |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1110 | Day-Ahead Market Energy Settlement Amount for Imports | trade date | trade hour | trade interval(always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | DAM\_QSI, | DAM\_LMP for Energy |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  | DAM\_QSI |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1111  (Pre-MRP) | Real-Time Balancing Energy Settlement Amount for Imports | Trade date | Trade hour | Trade interval | X | Zone ID “ONZN” | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Sum of SQEI and BCQ | Energy Market Price (EMP) |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  | Physical Bilateral Contract Tax Rate (%) | SQEI or Zero (0) | Always Zero 0 | Always Zero 0 | Always Zero 0 | BCQ or Zero (0) | BCQ or Zero (0) | Physical Bilateral Contract Amount ($) | Physical Bilateral Contract Tax Amount ($) |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1111  (PostMRP) | Real-Time Energy Settlement Amount for Imports | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | Sum of SQEI, DAM\_QSI | RT\_LMP for Energy |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  | SQEI |  |  |  |  | DAM\_QSI |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1112 | Day-Ahead Market Energy Settlement Amount for Exports | trade date | trade hour | trade interval(always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | Sum of DAM\_QSW | DAM\_LMP for Energy |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  | DAM\_QSW |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1113  (Pre-MRP) | Real-Time Balancing Energy Settlement Amount for Exports | Trade date | Trade hour | Trade interval | X | Zone ID “ONZN” | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Sum of SQEW and BCQ | Energy Market Price (EMP) |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  | Physical Bilateral Contract Tax Rate (%) | Always Zero 0 | SQEW or Zero (0) | Always Zero 0 | Always Zero 0 | BCQ or Zero (0) | BCQ or Zero (0) | Physical Bilateral Contract Amount ($) | Physical Bilateral Contract Tax Amount ($) |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1113  (Post MRP) | Real-Time Energy Settlement Amount for Exports | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | Sum of SQEW, DAM\_QSW | RT\_LMP for Energy market |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  | SQEW |  |  |  | DAM\_QSW |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1114 | Real-Time Balancing Energy Settlement Amount for Non-Dispatchable Generators | Trade date | Trade hour | Trade interval | X | Zone ID “ONZN” | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  | HOEP |  |  |  |  |  |  |  |  | Physical Bilateral Contract Tax Rate (%) | Always Zero 0 | Always Zero 0 | AQEW or Zero (0) | AQEI or Zero (0) | BCQ or Zero (0) | BCQ or Zero (0) | Physical Bilateral Contract Amount ($) | Physical Bilateral Contract Tax Amount ($) |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1115  (Pre-MRP) | Real-Time Energy Settlement Amount for Non-Dispatchable Loads | Trade date | Trade hour | Trade interval | X | Zone ID “ONZN” | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  | HOEP |  |  |  |  |  |  |  |  | Physical Bilateral Contract Tax Rate (%) | Always Zero 0 | Always Zero 0 | AQEW or Zero (0) | AQEI or Zero (0) | BCQ or Zero (0) | BCQ or Zero (0) | Physical Bilateral Contract Amount ($) | Physical Bilateral Contract Tax Amount ($) |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1115  (Post  MRP) | Non-Dispatchable Load Energy Settlement Amount | trade date | trade hour | trade interval(always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | Sum of AQEI,AQEW | Sum of  (DAM\_OZP,, LFDC) or  RT\_OZP | DAM OZP  or RT OZP | LFDA |  |  |  |  |  |  |  |  |  |  | AQEW | AQEI |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1130 | Day-Ahead Generation Intertie Offer Guarantee | trade date | trade hour | trade interval  (always ‘0’) | X | Zone ID | CSP ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RFP, F or C |  |  |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  |  | -1 \* OP  (Minimum of PDR\_DSQI and DSQI)) |  | TD105 |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1137 | Intertie Offer Guarantee Reversal | Trade date | trade hour | trade interval  (always ‘0’) | X | Zone ID | CSP ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RFP, F or C |  |  |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  |  | 130  Or  1130 |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1139 | Intertie Failure Charge Reversal | Trade date | trade hour | trade interval  (always ‘0’) | X | Zone ID | CSP ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RFP, F or C |  |  |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  |  | 135  Or  1135 |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1131 | Intertie Offer Guarantee Settlement Credit - energy | Trade date | trade hour | trade interval  (always ‘0’) | X | Zone ID | CSP ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1134 | Day-Ahead linked Wheel Failure Charge | Trade date | Trade hour | Trade interval (Always ‘0’) | X | Zone ID | CSP ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  | PB\_IM | PB\_EX |  | SINK PT | SOURCE PT | Tie Point ID | Tie Point Zone | PD\_PS | DA\_LWSD |  |  |  |  |  |  |  | DA\_PS  DA\_PS | RT\_IFC\_DALW | RT\_EFC\_DALW |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1135 | Day-Ahead Import Failure Charge | trade date | trade hour | trade interval  (always ‘0’) | X | Zone ID | CSP ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  | Tie Point ID | Tie Point Zone | OP(DA) |  |  | DA\_ISD |  |  |  |  |  | OP(PD) | XPD\_BE | XDA\_BE |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1136 | Day-Ahead Export Failure Charge | Trade date | Trade hour | Trade interval (Always ‘0’) | X | Zone ID | CSP ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  | Tie Point ID | Tie Point Zone | (-1) \* OP(DA) |  |  |  | DA\_ISD |  |  |  |  | (-1) \* OP(PD) | XPD\_BL | XDA\_BL |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1148 | Global Adjustment Energy Storage Injection Reimbursement | Last Trading Date of the Month | trade hour (always ‘0’) | trade interval (always '0') | X | X  “ONZN” | (Blank) | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Storage Facility Energy Injection | Monthly GA Class B Rate |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1314 | Capacity Obligation – Availability Payment | The last trade date of the month | Trade hour (always ‘0’) | Trade interval (Always ‘0’) | X | X  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Total Capacity |  | Auction Clearing Price |  |  | Obligation ID |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Year and month for which availability payment was calculated. |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1315 | Capacity Obligation – Availability Charge | Trade date | Trade hour (always ‘0’) | Trade interval (Always ‘0’) | X | X  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  | Obligation ID |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1316 | Capacity Obligation – Administration Charge | The last trade date of the month | Trade hour (always ‘0’) | Trade interval (Always ‘0’) | X | X  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  | Obligation ID |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Year and month for which administration charge was calculated | Reason for charge | Tax Rate (%) | Tax Amount ($) |
| DP | 1317 | Capacity Obligation – Dispatch Charge | Trade date | Trade hour | Trade interval (Always ‘0’) | X | X  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  | Hourly Auction Clearing Price |  |  | Obligation ID |  |  |  |  |  |  |  |  |  |  |  |  | Expected DR Curtailment for the hour |  |  |  | Trade date for which the resource failed to follow activation notice | Trade hour for which the resource failed to follow activation notice | Tax Rate (%) | Tax Amount ($) |
| DP | 1318 | Capacity Obligation – Capacity Charge | The last trade date of the month | Trade hour (always ‘0’) | Trade interval (Always ‘0’) | X | X  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  | Obligation ID |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Year and month for which capacity charge was calculated |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1319 | Capacity Obligation – Buy-Out Charge | The last trade date of the month | Trade hour (always ‘0’) | Trade interval (Always ‘0’) | X | X  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Buy-out Capacity |  | Auction Clearing Price |  | Total Capacity | Obligation ID |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Buy-out effective date |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1320 | Capacity Obligation – Out of Market Activation Payment | Trade date | Trade hour | Trade interval (Always ‘0’) | X | X  “ONZN” | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Measured Demand Response Capacity |  | HDR Activation Test Payment Price  or  (Bid Price – HOEP) |  |  | Obligation ID |  |  |  |  |  |  |  |  |  |  |  |  | 1 indicates Emergency Activation  2 indicates Test Activation |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1321 | Capacity Obligation – Capacity Import Call Failure Charge | The last trade date of the month | Trade hour (always ‘0’) | Trade interval (Always ‘0’) | X | X  “ONZN” | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  | Obligation ID |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Trade date of failed capacity import call |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1322 | Capacity Obligation – Capacity Deficiency Charge | The last trade date of the month | Trade hour (always ‘0’) | Trade interval (Always ‘0’) | X | X  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Over-committed Capacity MW (OCMW) |  |  |  |  | Obligation ID |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1323 | Capacity Obligation – In-Period Cleared UCAP Adjustment Charge | Trade date | Trade hour (always ‘0’) | Trade interval (Always ‘0’) | X | X  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  | Obligation ID |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1324 | Capacity Obligation – Availability Charge True-up Payment | The last trade date of the month | Trade hour (always ‘0’) | Trade interval (Always ‘0’) | X | X  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  | Obligation ID |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1325 | Capacity Obligation – Capacity Auction Charges True-up Payment | The last trade date of the month | Trade hour (always ‘0’) | Trade interval (Always ‘0’) | X | X  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  | Obligation ID |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1350 | Capacity Based Recovery Amount for Class A Loads | The last trade date of the month | Trade hour (always ‘0’) | Trade interval (Always ‘0’) | X | X  “ONZN” | Delivery Point ID (for non-LDCs) | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  |  |  | Total quantity to uplift/allocated |  |  |  |  |  |  |  |  |  |  |  |  | # of days the Peak Demand Factor is active for in the month | Peak Demand Factor | Tax Rate (%) | Tax Amount ($) |
| DP | 1351 | Capacity Based Recovery Amount for Class B Loads | The last trade date of the month | Trade hour (always ‘0’) | Trade interval (Always ‘0’) | X | X  “ONZN” | Delivery Point ID (for non-LDCs) | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Billable Class B Load |  |  |  | Total of AQEW for Class B market participants used in calculation of uplift |  |  |  |  | Total quantity to uplift/allocated | Sum of EEQ for the Settlement period for the MP or exempted MWh |  |  |  | Class B AQEW for the Settlement Period for the MP | Sum of EGEI for the Settlement Period for the MP |  |  | Ancillary Service AQEW for the Settlement Period for the MP | AQEW at Beck PGS for the Settlement Period |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1401 | Incremental Loss Settlement Credit | Trade date | Trade hour | trade interval  (always ‘0’) | X | X  “ONZN” | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  | Max(0,HOEP) | HOEP |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | MW | MVAR | 1 for HV (High Voltage) and 2 for LV (Low Voltage) |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1402 | Hourly Condense System Constraints Settlement Credit | Trade date | Trade hour | trade interval  (always ‘0’) | X | X  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  | HOEP | Hourly Uplift Rate |  |  |  |  |  |  | 230 units attracting uplift |  |  |  |  |  |  |  | Net condense requirement 115 | Net condense requirement 230 | Number of Additional 230 kV Units |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1403 | Speed-no-load Settlement Credit | Trade date (last day of month) | Trade hour (always "0") | trade interval  (always ‘0’) | X | X  “ONZN” | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1404 | Condense Unit Start-up and OM&A Settlement Credit | Trade date | Trade hour | trade interval  (always ‘0’) | X | X  “ONZN” | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1405 | Hourly Condense Energy Costs Settlement Credit | Trade date | Trade hour | trade interval  (always ‘0’) | X | X  “ONZN” | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Condense MW |  | HOEP | Hourly uplift rate |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1406 | Monthly Condense Energy Costs Settlement Credit | Trade date (last day of month) | Trade hour (always "0") | trade interval  (always ‘0’) | X | X  “ONZN” | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Condense MW |  | Non-Hourly uplift rate |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1407 | Condense Transmission Tariff Reimbursement Settlement Credit | Trade date | Trade hour (always "0") | trade interval  (always ‘0’) | X | X  “ONZN” | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  | Transmission Tariff Rate ($/KW). |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | (Revised) Peak Date | (Revised) Peak Hour | (Revised) Peak Demand  (Revised) Peak Demand |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1408 | Condense Availability Cost Settlement Credit | Trade date (last day of month) | Trade hour (always "0") | trade interval  (always ‘0’) | X | X  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1409 | Monthly Condense System Constraints Settlement Credit | Trade date (last day of month) | Trade hour (always "0") | trade interval  (always ‘0’) | X | X  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  | Non-Hourly Uplift Rate |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 115 kV Units | 230 kV Units Attracting Uplift |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1417 | Daily Condense Energy Costs Settlement Credit | Trade date | Trade hour (always ‘0’) | Trade interval (Always ‘0’) | X | X  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Condense MW | Uplift Rate |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1423 | Energy Sales Agreement Settlement Credit | The last trade date of the month | Trade hour (always ‘0’) | Trade interval (Always ‘0’) | X | Zone ID |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Comment | Tax Rate (%) | Tax Amount ($) |
| DP | 1424 | Energy Sales Agreement Penalty Settlement Amount | The last trade date of the month | Trade hour | Trade interval (Always ‘0’) | X | Zone ID |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Billable MW |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Comment | Tax Rate (%) | Tax Amount ($) |
| DP | 1451 | Incremental Loss Offset Settlement Amount | Trade date | Trade hour | trade interval  (always ‘0’) | X | X  “ONZN” | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1457 | Ontario Electricity Rebate Balancing Amount  (Non-Online Forms) | Last Trading Date of the Month | 0 | 0 | X | Zone ID  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  |  | Reference ID |  |  |  |  |  |  |  |  |  |  |  |  | Base Participant ID |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1470 | Ontario Electricity Support Program Balancing amount | Last Trading Date of the Month | trade hour (always ‘0’) | trade interval (always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Sum of AQEW, | Tariff rate |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1500 | Day-Ahead Production Cost Guarantee –Component 1 and Component 1 Clawback | trade date | trade hour | trade interval  (always ‘0’) | X | Zone ID | Delivery point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  |  |  |  | Component 1 clawback MLP |  |  |  |  |  |  |  | Total $ for Component 1 | Total $ for Component 1 Clawback | Remaining MGBRT hours used to calc Component 1 clawback |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1501 | Day-Ahead Production Cost Guarantee –Component 2 | trade date | trade hour | trade interval  (always ‘0’) | X | Zone ID | Delivery point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Total $ for XBE | Total $ for XDA\_BE | Flag 1/0 for altered RT price curve |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1502 | Day-Ahead Production Cost Guarantee –Component 3 and Component 3 Clawback | trade date | trade hour | trade interval  (always ‘0’) | X | Zone ID | Delivery point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  |  |  |  | Component 3 clawback MLP |  |  |  |  |  |  |  | Total $ for Component 3 | Total $ for Component 3 Clawback | Remaining MGBRT hours used to calc Component 3 clawback |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1503 | Day-Ahead Production Cost Guarantee –Component 4 | trade date | trade hour | trade interval  (always ‘0’) | X | Zone ID | Delivery point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | 30R-SQROR |  |  |  | 10NS-SQROR |  |  |  |  |  | 10S-SQROR |  |  |  |  |  |  |  | OP(30R) | OP(10NS) | OP(10S) |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1504 | Day-Ahead Production Cost Guarantee –Component 5 | trade date | Starting hour of EDAC start event | trade interval  (always ‘0’) | X | Zone ID | Delivery point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  |  |  |  | #of intervals between 7 & 18 |  |  |  |  |  |  |  | Start-up payment |  | Last hour of EDAC start event |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1505 | Day-Ahead Production Cost Guarantee Reversal | trade date | Starting hour of EDAC start event | trade interval  (always ‘0’) | X | Zone ID | Delivery point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Last hour of EDAC start event |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1510 | Day-Ahead Generator withdrawal Charge | trade date | trade hour | trade interval  (always ‘0’) | X | Zone ID | CSP ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 or 0 |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1800 | Day-Ahead Market Make-Whole Payment - Energy | trade date | trade hour | trade interval(always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | DAM\_QSI, DAM\_QSW or DAM\_DIGQ | DAM\_LMP |  |  | DAM\_HDR\_QSW | StartEvent ID for Hydroelectric generator resources only |  | Tie Point ID | Tie Point Zone | OP(DAM\_QSI), OP(DAM\_QSW or OP(DAM\_DIGQ) |  |  |  |  |  |  |  |  | OP(DAM\_EOP) | OP(DAM\_HDR) for physical HDR only | OP(DAM\_HDR\_EOP) for Physical HDR or  FROP for Hydroelectric generator resources |  | IMPACT\_TEST | Max Start Flag for Hydroelectric generator resources only | Tax Rate (%) | Tax Amount ($) |
| DP | 1801 | Day-Ahead Market Make-Whole Payment - 10-Minute Spinning Reserve | trade date | trade hour | trade interval(always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | DAM\_QSOR\_R1 or DAM\_QSOR\_DIGQ\_R1 | DAM\_PROR\_R1 |  |  | DAM\_OR\_EOP\_R1 | StartEvent ID for Hydroelectric generator resources only |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  |  | OP(DAM\_QSOR\_R1) | OP(DAM\_OR\_EOP\_R1) |  |  | IMPACT\_TEST | Max Start Flag for Hydroelectric generator resources only | Tax Rate (%) | Tax Amount ($) |
| DP | 1802 | Day-Ahead Market Make-Whole Payment - 10-Minute Non-Spinning Reserve | trade date | trade hour | trade interval(always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | DAM\_QSOR\_R2 or DAM\_QSOR\_DIGQ\_R2 | DAM\_PROR\_R2 |  |  | DAM\_OR\_EOP\_R2 | StartEvent ID for Hydroelectric generator resources only |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  |  | OP(DAM\_QSOR\_R2) | OP(DAM\_OR\_EOP\_R2) |  |  | IMPACT\_TEST | Max Start Flag for Hydroelectric generator resources only | Tax Rate (%) | Tax Amount ($) |
| DP | 1803 | Day-Ahead Market Make-Whole Payment - 30-Minute Operating Reserve | trade date | trade hour | trade interval(always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | DAM\_QSOR\_R3 or DAM\_QSOR\_DIGQ\_R3 | DAM\_PROR\_R3 |  |  | DAM\_OR\_EOP\_R3 | StartEvent ID for Hydroelectric generator resources only |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  |  | OP(DAM\_QSOR\_R3) | OP(DAM\_OR\_EOP\_R3) |  |  | IMPACT\_TEST | Max Start Flag for Hydroelectric generator resources only | Tax Rate (%) | Tax Amount ($) |
| DP | 1804 | Day-Ahead Market Generator Offer Guarantee - Energy | trade date | trade hour | trade interval(always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | DAM\_QSOR\_R1 or DAM\_QSOR\_DIGQ\_R1 | DAM\_LMP |  |  |  |  |  |  |  |  | # of intervals for SNL |  |  |  |  |  |  |  | Total $ amount for Speed-no-load | Total $ amount for Ramp-up period | OP(DAM\_QSI) or OP(DAM\_DIGQ) |  | IMPACT\_TEST |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1805 | Day-Ahead Market Generator Offer Guarantee - Operating Reserve | trade date | trade hour | trade interval(always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | OP(10S) | OP(10N) | OP(30S) |  | IMPACT\_TEST |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1806 | Day-Ahead Market Generator Offer Guarantee - Over Midnight | trade date | trade hour | trade interval(always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF |  |  |  |  |  |  |  |  |  |  | #r of intervals for SNL |  |  |  |  |  |  |  | Total $ amount clawback for Speed-no-load | # of hours remaining for MGBRT | Total $ amount clawback up to MLP |  | IMPACT\_TEST |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1807 | Day-Ahead Market Generator Offer Guarantee - Start-up | trade date | trade hour | trade interval(always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF |  |  |  |  |  |  |  |  |  |  | # of Intervals for Start-up |  |  |  |  |  |  |  | Start-up cost | Mitigated Start-up cost (if applicable) |  |  | IMPACT\_TEST |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1808 | Day-Ahead Market Generator Offer Guarantee - DAM Make-Whole Payment Offset | trade date | trade hour | trade interval(always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1815 | Day-Ahead Market Balancing Credit Energy | trade date | trade hour | trade interval(always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF |  |  |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  |  | OP( minimum of RT OR LOC EOP and DAM schedule) for imports/exports | Operating profit of RT schedule for import/exports |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1816 | Day-Ahead Market Balancing Credit Operating Reserve | trade date | trade hour | trade interval(always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF |  |  |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  |  | Min(RT OR LOC EOP, DAM QSOR) for 10S | Min(RT OR LOC EOP, DAM QSOR) for 10N | Min(RT OR LOC EOP, DAM QSOR) for 30R |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1828 | Day-Ahead Import Failure Charge | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF |  |  |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  | DA\_ISD |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1829 | Day-Ahead Export Failure Charge | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF |  |  |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  | DA\_ESD |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1830 | Tariff Response Charge For Exports | trade date | trade hour | trade interval (always ‘0’) | X | Zone ID | Delivery point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Sum of SQEW | Tariff Price |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1880 | Tariff Response Charge For Exports Balancing Amount | trade date | trade hour | trade interval (always ‘0’) | X | Zone ID |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  |  |  | Sum of the hourly Uplift Amounts in Dollars | Allocation Factor (always 1) |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1900 | Real-Time Make-Whole Payment - Lost Cost for Energy | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | RT\_QSI, RT\_QSW, or RT\_DIGQ | RT\_LMP |  |  |  |  |  | Tie Point ID | Tie Point Zone |  | DAM Scheduled Quantity for Energy |  |  | SQEW | AQEW | AQEI | Lost Cost EOP for Energy |  | RT LC OP for energy | RT LC EOP operating profit for energy | FROP\_LC |  | IMPACT\_TEST |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1901 | Real-Time Make-Whole Payment - Lost Cost for 10-Minute Spinning Reserve | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | RT\_QSOR\_R1 | RT\_PROR\_R1 |  |  |  |  |  | Tie Point ID | Tie Point Zone |  | DAM Scheduled Quantity for 10S |  |  |  |  |  | Lost Cost EOP for 10S |  | OP(Max(DAM\_QSOR,RT\_QSOR) for 10S | OP(Max(RT\_OR\_LC\_EOP,DAM\_QSOR) for 10S |  |  | IMPACT\_TEST |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1902 | Real-Time Make-Whole Payment - Lost Cost for 10-Minute Non-Spinning Reserve | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | RT\_QSOR\_R2 | RT\_PROR\_R2 |  |  |  |  |  | Tie Point ID | Tie Point Zone |  | DAM Scheduled Quantity for 10N |  |  |  |  |  | Lost Cost EOP for 10N |  | OP(Max(DAM\_QSOR,RT\_QSOR) for 10N | OP(Max(RT\_OR\_LC\_EOP,DAM\_QSOR) for 10N |  |  | IMPACT\_TEST |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1903 | Real-Time Make-Whole Payment - Lost Cost for 30-Minute Operating Reserve | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | RT\_QSOR\_R3 | RT\_PROR\_R3 |  |  |  |  |  | Tie Point ID | Tie Point Zone |  | DAM Scheduled Quantity for 30R |  |  |  |  |  | Lost Cost EOP for 30R |  | OP(Max(DAM\_QSOR,RT\_QSOR) for 30R | OP(Max(RT\_OR\_LC\_EOP,DAM\_QSOR) for 30R |  |  | IMPACT\_TEST |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1904 | Real-Time Make-Whole Payment - Lost Opportunity Cost for Energy | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | RT\_QSI, RT\_QSW, or RT\_DIGQ | RT\_LMP |  |  |  |  |  |  |  |  |  |  |  |  | AQEW | AQEI | Lost Opportunity Cost for Energy |  | RT LOC OP for energy | RT LOC EOP operating profit for energy | FROP\_LOC |  | IMPACT\_TEST |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1905 | Real-Time Make-Whole Payment - Lost Opportunity Cost for 10-Minute Spinning Reserve | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | RT\_QSOR\_R1 | RT\_PROR\_R1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Lost Opportunity Cost EOP for 10S |  | OP(RT\_QSOR) for 10S | OP(RT\_OR\_LOC\_EOP) for 10S |  |  | IMPACT\_TEST |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1906 | Real-Time Make-Whole Payment - Lost Opportunity Cost for 10-Minute Non-Spinning Reserve | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | RT\_QSOR\_R2 | RT\_PROR\_R2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Lost Opportunity Cost EOP for 10N |  | OP(RT\_QSOR) for 10N | OP(RT\_OR\_LOC\_EOP) for 10N |  |  | IMPACT\_TEST |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1907 | Real-Time Make-Whole Payment - Lost Opportunity Cost for 30-Minute Operating Reserve | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | RT\_QSOR\_R3 | RT\_PROR\_R3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Lost Opportunity Cost EOP for 30R |  | OP(RT\_QSOR) for 30R | OP(RT\_OR\_LOC\_EOP) for 30R |  |  | IMPACT\_TEST |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1908 | Real-Time Make-Whole Payment - Operating Reserve Non-Accessibility Lost Cost Reversal | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | RT\_OLC clawback for 10S | RT\_OLC clawback for 10N | RT\_OLC clawback for 30R |  | IMPACT\_TEST |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1909 | Real-Time Make-Whole Payment - Operating Reserve Non-Accessibility Lost Opportunity Cost Reversal | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | RT\_OLOC clawback for 10S | RT\_OLOC clawback for 10N | RT\_OLOC clawback for 30R |  | IMPACT\_TEST |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1910 | Real-Time Generator Offer Guarantee - Energy | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | RT\_QSI or RT\_QSI\_DIGQ | RT\_LMP |  |  |  |  |  |  |  |  | DAM Ramp Revenue |  |  |  |  |  |  |  | Speed-no-load Amount | RT Ramp-up Revenue | Maximum of OP(RT\_QSI) and OP(AQEI) |  | IMPACT\_TEST |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1911 | Real-Time Generator Offer Guarantee - Operating Reserve | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | OP(RT\_QSOR) for 10S | OP(RT\_QSOR) for 10N | OP(RT\_QSOR) for 30R |  | IMPACT\_TEST |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1912 | Real-Time Generator Offer Guarantee - Over Midnight | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF |  | RT\_LMP |  |  |  |  |  |  |  |  | # of intervals for SNL |  |  |  |  |  |  |  | Speed-no-load Amount | Remaining # of MGBRT hours | OP(MLP) |  | IMPACT\_TEST |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1913 | Real-Time Generator Offer Guarantee - Start-up | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF |  |  |  |  |  |  |  |  |  |  | # of interval for Start-up |  |  |  |  |  |  |  | Start-up cost in PD | Start-up cost in DAM | DAM Start-up cost mitigated flag |  | IMPACT\_TEST |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1914 | Real-Time Generator Offer Guarantee - RT Make-Whole Payment Offset | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1915 | Real-Time Generator Offer Guarantee - Clawback | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Component 2 clawback for 10S | Component 2 clawback for 10N | Component 2 clawback for 30R |  | IMPACT\_TEST |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1917 | Real-Time Ramp Down Settlement Amount | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF |  | Ramp down Start Hour | Rampdown Start Interval |  |  |  |  |  |  |  | Rampdown Start Date |  |  |  |  |  |  |  | Operating profit based on RT offer | Operating profit based on DAM offer  (if applicable) |  |  | IMPACT\_TEST |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1920 | Generator Failure Charge - Market Price Component | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 or 0 | Failed\_MW |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1921 | Generator Failure Charge - Guarantee Cost Component | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF |  |  | PD start-up cost pro-rating factor | M1 pro-rating factor |  |  |  |  |  |  | PD\_RUN\_NUM |  |  |  |  |  |  |  | Start-up cost | Speed-no-load cost | OP(PD\_QSI) |  | FAILURE\_TYPE |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1927 | Real-Time Intertie Offer Guarantee | trade date | trade hour | trade interval(always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF |  |  |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1928 | Real-Time Import Failure Charge | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF |  |  |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  | RT\_ISD |  |  |  |  |  |  |  | PB\_IM |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1929 | Real-Time Export Failure Charge | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF |  |  |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  |  | RT\_ESD |  |  |  |  |  |  | PB\_EX |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1930 | Day-Ahead Market Reference Level Settlement Charge | trade date | trade hour | trade interval(always '0') | X | X "ONZN" | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | DAM\_QSI | DAM\_LMP | DAM\_PLCP |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 1931 | Real-Time Reference Level Settlement Charge | trade date | trade hour | trade interval | X | X "ONZN" | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6, or RF | RT\_QSI | RT\_LMP | RT\_PLCP |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 2404 | Supplemental Reactive Support and Voltage Control Service Settlement Credit | Last Trading Date of the Month | 0 | 0 | X | Zone ID  “ONZN” | Aggregate Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Distribution Cost Amount | Market Cost Amount | Fixed Payment Amount |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 9980 | Smart Metering Charge | Last Trading Date of the Month | 0 | 0 | X | Zone ID  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Total Customer Count | Tariff rate |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | General service customers | Residential customers |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 9983 | Ontario Electricity Rebate Settlement Amount  (Non-Online Forms) | Last Trading Date of the Month | 0 | 0 | X | Zone ID  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Total AQEW (kWh) | Tier 2 Price | Tier 3 Price or Rebate Factor | Tier 4 Price |  |  |  |  | Reference ID | Total Base Settlement Amount |  |  | Tier 2 Limit (kWh) | Tier 3 Limit (kWh) | Tier 4 Limit (kWh) |  |  | BCQ (kWh) |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | 9990 | IESO Energy Market Administration Charge | Last Trading Date of the Month | trade hour (always ‘0’) | trade interval (always '0') | X | Zone ID | Delivery Point ID | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Sum of AQEW, DQSW  (or EGEI for additional LDC record) | Tariff rate |  |  |  |  |  | Tie Point ID | Tie Point Zone |  |  |  | Zero (0) | Sum of SQEW for the MP | Sum of AQEW for the MP  (or EGEI for additional LDC record) | Zero (0) |  |  | Sum of exempted load for the MP |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |

A.1.2 Uplift Column Cross Reference

| **1** | **2** | **Name** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** | **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **30** | **31** | **32** | **33** | **34** | **35** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **record type** | **charge type** |  | **trading date** | **trading hour** | **trading interval** | **settlement amount** | **zone id** | **location id** | **settlement type** | **billable quantity** | **price** | **price 1** | **price 2** | **sum of AQEW and scheduled export quantity** | **location 1** | **location 2** | **intertie metering point ID** | **intertie metering point zone** | **total quantity to uplift/allocate** | **constant** | **bilateral tax rate for charge types 100 & 101** | **scheduled import quantity** | **scheduled export quantity** | **allocated quantity of energy withdrawn** | **allocated quantity of energy injected** | **total bilateral quantity sold** | **total bilateral quantity bought** | **amount 1** | **amount 2 (bilateral tax amount for charge types 100 & 101)** | **amount 3** | **per unit charge id** | **zone id 1 or Reason Code or Transmitter** | **zone id 2** | **tax rate** | **tax amount** |
| DP | Varies – see section 2.2 table 2-5 for specific listing | Varies– see section 2.2 table 2-5 for specific listing of generic (G) uplifts | X | X | X (always '0') | X | Zone ID |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Sum of AQEW, SQEW for the MP |  |  |  | Sum of AQEW, SQEW for All MPs |  |  |  |  | Total $ to be Uplifted | RQ  (Optional) |  | Sum of SQEI for the MP | Sum of SQEW for the MP | Sum of AQEW for the MP | Sum of AQEI for the MP |  |  | Sum of EGEI for the MP | Sum of exempted load for the MP |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | Varies – see section 2.5.1 table 2-5 | Varies– see section 2.5.1 table 2-5 for specific listing of generic custom period (GCP) uplifts | Last Trading Date of the Month | X (always '0') | X (always '0') | X | Zone ID |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Sum of AQEW, SQEW for the MP, excluding eligible station service load for the MP |  |  |  | Sum of AQEW, SQEW for All MPs, excluding eligible station service load for all MPs |  |  |  |  | Total $ to be Uplifted |  |  | Sum of SQEI for the MP | Sum of SQEW for the MP | Sum of AQEW for the MP | Sum of AQEI for the MP |  |  | Sum of EGEI for the MP | Sum of exempted load for the MP | Eligible station service load for the MP |  |  | Comment | Tax Rate (%) | Tax Amount ($) |
| DP | Varies – see section 2.5.1 table 2-5 | Varies– see section 2.5.1 table 2-5 for specific listing of generation station service (GSSR) type uplifts | Last Trading Date of the Month | X (always '0') | X (always '0') | X | Zone ID |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Sum of AQEW, SQEW for the MP, excluding eligible station service load for the MP |  |  |  | Sum of AQEW, SQEW for All MPs, excluding eligible station service load for all MPs |  |  |  |  | Total $ to be Uplifted |  |  | Sum of SQEI for the MP | Sum of SQEW for the MP | Sum of AQEW for the MP | Sum of AQEI for the MP |  |  | Sum of EGEI for the MP | Sum of exempted load for the MP | Eligible station service load for the MP |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | Varies – see section 2.5.1 table 2-5 | Varies– see section 2.5.1 table 2-5 for specific listing of allocation factor (AF) type uplifts | X | X | X (always '0') | X | Zone ID |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  |  |  | Total $ to be Uplifted | Allocation factor |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | Varies – see section 2.5.1 table 2-5 | Varies– see section 2.5.1 table 2-5 for specific listing of transmission rights clearing account (TRCA) type uplifts | Last Trading Date of the Month | X (always '0') | X (always '0') | X | Zone ID |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Sum of AQEW, SQEW for the MP |  |  |  | Sum of AQEW, SQEW for All MPs |  |  |  |  | Total $ to be Uplifted |  |  |  | Sum of SQEW for the MP | Sum of AQEW for the MP |  |  |  | Sum of EGEI for the MP | Sum of exempted load for the MP |  |  |  | Comment | Tax Rate (%) | Tax Amount ($) |
| DP | Varies – see section 2.5.1 table 2-5 | Varies– see section 2.5.1 table 2-5 for specific listing of redisbursement (RD) type uplifts | Last Trading Date of the Month | X (always '0') | X (always '0') | X | Zone ID |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Total MP $ |  |  |  | Total Market $ |  |  |  |  | Total $ to be Uplifted |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | Varies – see section 2.5.1 table 2-5 | Varies– see section 2.5.1 table 2-5 for specific listing of default levy (DL) type uplifts | Last Trading Date of the Month | X (always '0') | X (always '0') | X | Zone ID |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Absolute Invoice total for the MP | Absolute total invoice amount for all MPs | Default amount |  |  |  | Tax Rate (%) | Tax Amount ($) |
| DP | Varies – see section 2.5.1 table 2-5 | Varies– see section 2.5.1 table 2-5 for specific listing of day ahead market reliability scheduling uplift (DRSU) | Last Trading Date of the Month | X (always '0') | X (always '0') | X | Zone ID |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Sum of AQEW, SQEW, VSUP for the MP |  |  |  | Sum of AQEW, SQEW, VSUP for All MPs |  |  |  |  | Total $ to be Uplifted |  |  |  | Sum of SQEW for the MP | Sum of AQEW or VLOAD for the MP | Sum of AQEI or VSUP for the MP |  |  |  | Sum of exempted load for the MP | DAM\_P2\_AMT if applicable |  |  |  | Tax Rate (%) | Tax Amount ($) |

A.2 Manually Generated Charges

A.2.1 Manual Line Item Column Cross Reference

| **1** | **2** | **Name** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** | **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **30** | **31** | **32** | **33** | **34** | **35** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **record type** | **charge type** | **Description** | **trading date** | **trading hour** | **trading interval** | **settlement amount** | **zone id** | **location id** | **settlement type** | **billable quantity** | **price** | **price 1** | **price 2** | **sum of AQEW and scheduled export quantity** | **location 1** | **location 2** | **intertie metering point ID** | **intertie metering point zone** | **total quantity to uplift/allocate** | **constant** | **bilateral tax rate for charge types 100 & 101** | **scheduled import quantity** | **scheduled export quantity** | **allocated quantity of energy withdrawn** | **allocated quantity of energy injected** | **total bilateral quantity sold** | **total bilateral quantity bought** | **amount 1** | **amount 2 (bilateral tax amount for charge types 100 & 101)** | **amount 3** | **per unit charge id** | **zone id 1 or Reason Code or Transmitter** | **zone id 2** | **tax rate** | **tax amount** |
| MP | Varies–see section 2.5.4 table 2-8 for specific listing | Varies– see section 2.5.4 table 2-8 for specific listing | trade date | trade hour | trade interval | X | Zone ID | Delivery Point ID or CSP ID  (optional) | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Optional Field | Optional Field |  |  |  |  |  |  | Optional Field |  |  |  |  |  |  |  |  |  |  |  |  |  | Optional Field | Comments | Tax Rate (%) | Tax Amount ($) |
| MP | 142 | ONLSF Forms:   * Regulated Price Plan vs. Market Price – Variance for Conventional Meters * Regulated Price Plan vs. Market Price – Variance for Smart Meters | Last Trading Date of the Month | trade hour  (always ‘0’) | trade interval  (always ‘0’) | X | Zone ID  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Payment from IESO (kWh) |  |  |  |  |  |  |  |  | Payment to IESO (kWh) |  |  |  |  |  |  |  |  |  |  |  |  |  | Comments | Tax Rate (%) | Tax Amount ($) |
| MP | 192 | ONLSF Forms:   * Regulated Price Plan vs. Market Price – Variance for Conventional Meters * Regulated Price Plan vs. Market Price – Variance for Smart Meters | Last Trading Date of the Month | trade hour  (always ‘0’) | trade interval  (always ‘0’) | X | Zone ID  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Payment from IESO (kWh) |  |  |  |  |  |  |  |  | Payment to IESO (kWh) |  |  |  |  |  |  |  |  |  |  |  |  |  | Comments | Tax Rate (%) | Tax Amount ($) |
| MP | 1412 | ONLSF Form:   * Feed-In Tariff Program – LDC & Embedded LDC | Last Trading Date of the Month | trade hour  (always ‘0’) | trade interval  (always ‘0’) | X | Zone ID  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | (For PSS and FSS Submissions):  Payment from IESO (kWh) +  Payment to IESO (kWh) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Comments | Tax Rate (%) | Tax Amount ($) |
| MP | 1414 | ONLSF Form:   * Hydroelectric Contract Initiative Program | Last Trading Date of the Month | trade hour  (always ‘0’) | trade interval  (always ‘0’) | X | Zone ID  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | (For PSS and FSS Submissions):  Payment from IESO (kWh) +  Payment to IESO (kWh) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Comments | Tax Rate (%) | Tax Amount ($) |
| MP | 1418 | ONLSF Form:   * Procurement Contracts | Last Trading Date of the Month | trade hour  (always ‘0’) | trade interval  (always ‘0’) | X | Zone ID  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Payment from IESO (kWh) |  |  |  |  |  |  |  |  | Payment to IESO (kWh) |  |  |  |  |  |  |  |  |  |  |  |  |  | Comments | Tax Rate (%) | Tax Amount ($) |
| MP | 1419 | ONLSF Form:   * Procurement Contracts | Last Trading Date of the Month | trade hour  (always ‘0’) | trade interval  (always ‘0’) | X | Zone ID  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Payment from IESO (kWh) |  |  |  |  |  |  |  |  | Payment to IESO (kWh) |  |  |  |  |  |  |  |  |  |  |  |  |  | Comments | Tax Rate (%) | Tax Amount ($) |
| MP | 1425 | ONLSF Form:  Hydroelectric Standard Offer Program (HESOP) | Last Trading Date of the Month | trade hour  (always ‘0’) | trade interval  (always ‘0’) | X | Zone ID  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | (For PSS and FSS Submissions):  Payment from IESO (kWh) +  Payment to IESO (kWh) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Comments | Tax Rate (%) | Tax Amount ($) |
| MP | 1428 | ONLSF Form:  Small Hydro Program | Last Trading Date of the Month | trade hour  (always ‘0’) | trade interval  (always ‘0’) | X | Zone ID |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Payment from IESO (kWh)  +  Payment to IESO  (kWh) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Comments | Tax Rate (%) | Tax Amount ($) |
| MP | 1457 | ONLSF Form:  Ontario Electricity Rebate (OER) – LDC & USMP | Last Trading Date of the Month | trade hour  (always ‘0’) | trade interval  (always ‘0’) | X | Zone ID  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Payment from IESO (kWh) |  |  |  |  |  |  |  |  | Payment to IESO (kWh) |  |  |  |  |  |  |  |  |  |  |  |  |  | Comments | Tax Rate (%) | Tax Amount ($) |
| MP | 1462 | ONLSF Form:  Feed-In Tariff Program – LDC & Embedded LDC | Last Trading Date of the Month | trade hour  (always ‘0’) | trade interval  (always ‘0’) | X | Zone ID  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | (For PSS and FSS Submissions):  Payment from IESO (kWh) +  Payment to IESO (kWh) |  |  |  |  | Participant ID for submitting participant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Comments | Tax Rate (%) | Tax Amount ($) |
| MP | 1464 | ONLSF Form:  Hydroelectric Contract Initiative Program | Last Trading Date of the Month | trade hour  (always ‘0’) | trade interval  (always ‘0’) | X | Zone ID  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | (For PSS and FSS Submissions):  Payment from IESO (kWh) +  Payment to IESO (kWh) |  |  |  |  | Participant ID for submitting participant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Comments | Tax Rate (%) | Tax Amount ($) |
| MP | 1468 | ONLSF Form:  Procurement Contracts | Last Trading Date of the Month | trade hour  (always ‘0’) | trade interval  (always ‘0’) | X | Zone ID  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Payment from IESO (kWh) |  |  |  |  | Participant ID for submitting participant |  |  |  | Payment to IESO (kWh) |  |  |  |  |  |  |  |  |  |  |  |  |  | Comments | Tax Rate (%) | Tax Amount ($) |
| MP | 1469 | ONLSF Form:  Procurement Contracts | Last Trading Date of the Month | trade hour  (always ‘0’) | trade interval  (always ‘0’) | X | Zone ID  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Payment from IESO (kWh) |  |  |  |  | Participant ID for submitting participant |  |  |  | Payment to IESO (kWh) |  |  |  |  |  |  |  |  |  |  |  |  |  | Comments | Tax Rate (%) | Tax Amount ($) |
| MP | 1475 | ONLSF Form:  Hydroelectric Standard Offer Program (HESOP) | Last Trading Date of the Month | trade hour  (always ‘0’) | trade interval  (always ‘0’) | X | Zone ID  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | (For PSS and FSS Submissions):  Payment from IESO (kWh) +  Payment to IESO (kWh) |  |  |  |  | Participant ID for submitting participant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Comments | Tax Rate (%) | Tax Amount ($) |
| MP | 1478 | ONLSF Form:  Small Hydro Program | Last Trading Date of the Month | trade hour  (always ‘0’) | trade interval  (always ‘0’) | X | Zone ID |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Payment from IESO (kWh)  +  Payment to IESO  (kWh) |  |  |  |  | Participant ID for submitting participant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Comments | Tax Rate (%) | Tax Amount ($) |
| MP | 9983 | ONLSF Form:   * Ontario Electricity Rebate (OER) – LDC & USMP | Last Trading Date of the Month | trade hour  (always ‘0’) | trade interval  (always ‘0’) | X | Zone ID  “ONZN” |  | P, C, A, F, R1, R2, R3, R4, R5, R6 or RF | Payment from IESO (kWh) |  |  |  |  |  |  |  |  | Payment to IESO (kWh) |  |  |  |  |  |  |  |  |  |  |  |  |  | Comments | Tax Rate (%) | Tax Amount ($) |

References

| Document Name | Document ID |
| --- | --- |
| Independent Electricity System Operator, “Market Manual 5.5 IESO-Administered Markets Settlements Amounts.” [market manual] | MDP\_PRO\_0033 |
| Independent Electricity System Operator, “IESO Charge Types and Equations.” [Technical Interfaces document] | IMP\_LST\_0001 |
| Independent Electricity System Operator, “Market Rules” | RUL-6 to RUL-24 |
| Independent Electricity System Operator “Market Manual 1.5 Market Registration Procedures” [market manual] | MAN-108 |
| Independent Electricity System Operator “Market Manual 5.7 – Settlement Process” [market manual] | MAN-118 |
| Legislative Assembly of Ontario, Bill 210 - "Electricity Pricing, Conservation and Supply Act, 2002."  S.O. 2002, Chapter 23  **Formal Title:** "An Act to amend various Acts in respect of pricing, conservation and supply of electricity an in respect of other matters related to electricity."  **First Reading:** November 25, 2002  **Second Reading:** December 5, 2002  **Third Reading:** December 9, 2002  **Royal Assent:** December 9, 2002 | BILL 210 |
| Regulations made pursuant to BILL 210 "Electricity Pricing, Conservation and Supply Act, 2002."  ***Regulation* 339/02** (Under the Ontario Energy Board Act, 1998) "Electricity Pricing" - amended by *regulation* 433/02  ***Regulation* 341/02** (Under the Ontario Energy Board Act, 1998) "Compensation and Set-Offs Under Part V of the Act" - amended by *regulation* 434/02  ***Regulation* 342/02** (Under the Ontario Energy Board Act, 1998) "Payments to the IMO" - revoked by *regulation* 432/02  ***Regulation* 432/02** (Under the Ontario Energy Board Act, 1998) "Revoking Ontario Regulation 342/02 (Payments to the IMO)"  ***Regulation* 433/02** (Under the Ontario Energy Board Act, 1998) "Amending Ontario Regulation 339/02 (Electricity Pricing)"  ***Regulation* 434/02** (Under the Ontario Energy Board Act, 1998) "Amending Ontario Regulation 341/02 (Compensation and Set-Offs Under Part V of the Act)"  ***Regulation* 435/02** (Under the Ontario Energy Board Act, 1998) "Payments re Section 79.4 of the Act"  ***Regulation* 436/02** (Under the Ontario Energy Board Act, 1998) "Payments re Various Electricity-Related Charges"  ***Regulation* 330/09** (Under the Ontario Energy Board Act, 1998) "Cost recovery re section 79.1 of the Act" | 339/02 (amended by 433/02)  341/02 (amended by 434/02)  342/02 (revoked by 432/02)  433/02  434/02  435/02  436/02 |
| Legislative Assembly of Ontario, Bill 100 - "*Electricity Restructuring Act, 2004*"   * First Reading: June 15, 2004 * Second Reading: November 22, 2004 * Third Reading: December 9, 2004 * Royal Assent: December 9, 2004   Subject to regulations made pursuant to the "Electricity Restructuring Act, 2004" once proclaimed into force:   * Ontario regulation 427/04 “Payments to the Financial Corp. re Section 78.2 of the Act” * Ontario regulation 428/04 “Payments re Section 79.4 of the Act” * Ontario regulation 429/04 “Adjustments Under Section 25.33 of the Act” amended by Ontario Regulation 398/10 * Ontario regulation 430/04 “Payments re Section 25.33 of the Act” * Ontario regulation 431/04 “Payments re Section 25.34 of the Act” * Section 78.3 of the (Ontario Energy Board) Act * Section 78.4 of the (Ontario Energy Board) Act | BILL 100  See also, Ontario e-laws website for official Ontario Government Regulation ID numbers at:  http://www.e-laws.gov.on.ca/ |
| Ontario regulation 53/05 made under “OEB Act, 1998” re “Payments under Section 78.1 of the Act”  Ontario regulation 98/05 made under *OEB Act, 1998* re “Payments re Various Electricity-Related Charges”  Ontario Regulation 66/10 made under *OEB Act, 1998* re “Assessments for Ministry of Energy and Infrastructure Conservation and Renewable Energy Program Costs” | BILL 100  See also, Ontario e-laws website for official Ontario Government Regulation ID numbers at:  [Ontario e-Laws Website](http://www.e-laws.gov.on.ca/) |

– End of Document –

1. When applied as an automatic charge, it is used in Context 1:IOG Reversal. When applied as a manual line item, it can refer to either IOG Reversal or DA\_IOG adjustment. When applied as an automatic charge, it is used in Context 1:IOG Reversal [↑](#footnote-ref-2)
2. When applied as a manual line item, it can refer to either IOG Reversal or DA\_IOG adjustment [↑](#footnote-ref-3)
3. When applied as an automatic charge, it is used in Context 1:IOG Reversal. When applied as a manual line item, it can refer to either IOG Reversal or DA\_IOG adjustment. [↑](#footnote-ref-4)