Public

SPECIFICATION

Format Specifications for Settlement Statement Files and Data Files

Issue 2.0

April 25, 2025

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

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Document ID	SPEC-365
Document Name	Format Specifications for Settlement Statement Files and Data Files
Issue	Issue 2.0
Reason for Issue	Updated to reflect changes for MRP.
Effective Date	April 25, 2025
Document Name	Format Specifications for Settlement Statement Files and Data Files

Document Change History

Issue	Reason for Issue	Date
Refer to Issue 60.0 (IMP_SPEC_0005) for changes prior to Market Transition.		
1.0	• Section 2.5.1: Updated to reflect new charge types: 1428 and 1478 • Appendix A: Added new charge types: 1428 and 1478	October 23, 2024
2.0	• Issued in advance of MRP Go Live – May 1, 2025	April 25, 2025

Related Documents

Document ID	Document Title
N/A	

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Reference (Section and Paragraph)	Description of Change

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.

1. Introduction

1.1. 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.*

1.2. 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.

1.3. 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.

1.4. 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.

1.5. 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	N/A	The end of the month that the	Ch.9 s.6.3.17.11

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
Resettlement *5 Settlement Statements*		trading day pertains to plus 11 months and 10 business days	
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.

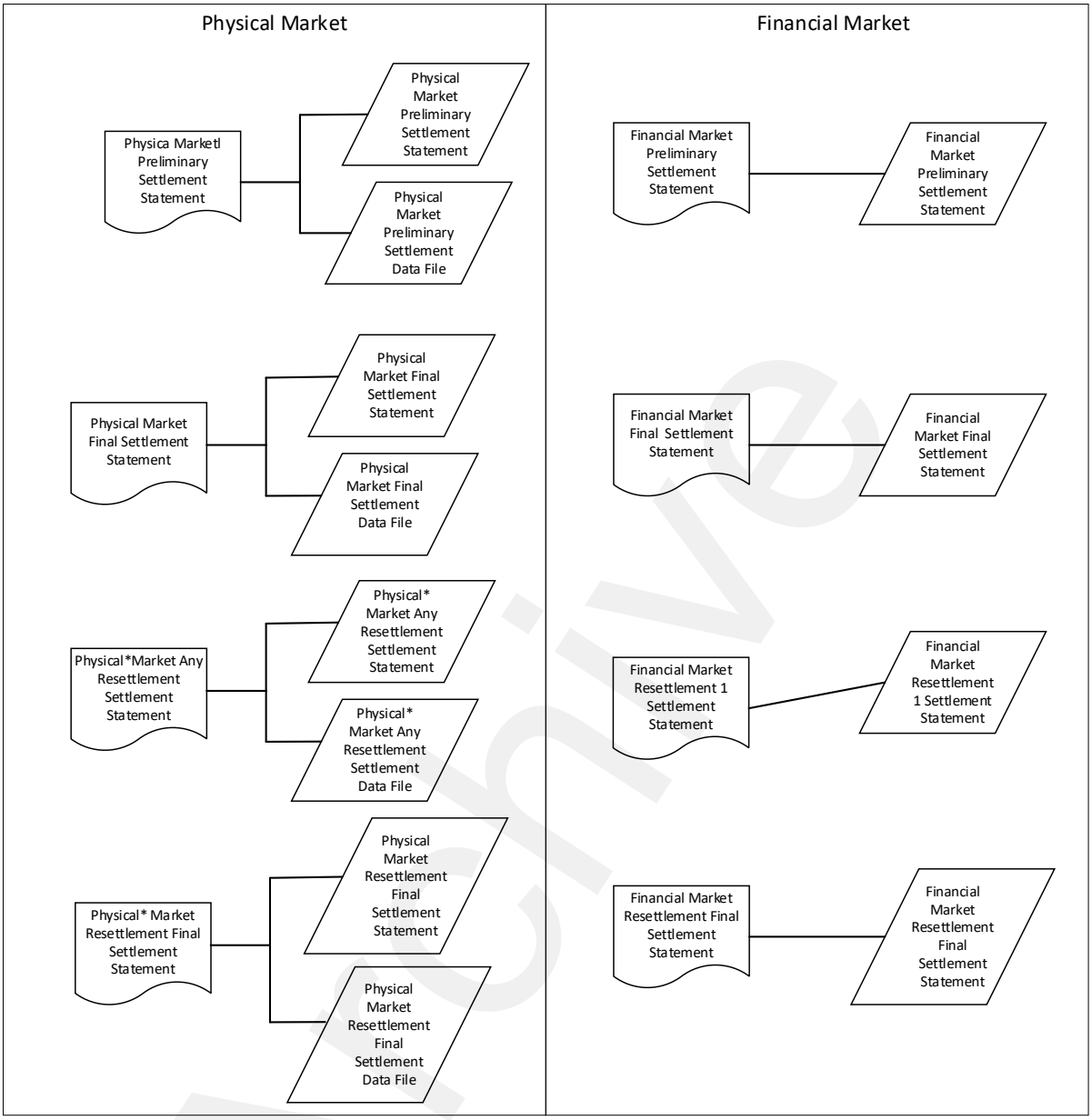

Figure 1-1:Schematic Overview for Settlement Statements and Data Files

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, final and any of the resettlement *settlement statements* for a given primary trading date will have a unique *settlement statement* ID described herein.

– End of Section –

2. Settlement Statement Files

2.1. 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 new transaction, 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.

2.2. 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.

2.3. 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.

2.4. 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.

Field	Type	Max Field Length	Domain	Description
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*.

Field ID	Short Description	Type	Max Field Length	Domain	Description
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.

Field ID	Short Description	Type	Max Field Length	Domain	Description
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.

Field ID	Short Description	Type	Max Field Length	Domain	Description
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 $".

Field ID	Short Description	Type	Max Field Length	Domain	Description
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.

Field ID	Short Description	Type	Max Field Length	Domain	Description
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.

Field ID	Short Description	Type	Max Field Length	Domain	Description
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)

Field ID	Short Description	Type	Max Field Length	Domain	Description
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.*

2.5. 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)

3. **'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.
4. **'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	--

Charge Type ID	Charge Type Name	Automatic Charge	Automatic Uplift	Manual Line Item	Manual Per Unit Allocation
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	--

Charge Type ID	Charge Type Name	Automatic Charge	Automatic Uplift	Manual Line Item	Manual Per Unit Allocation
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	--

Charge Type ID	Charge Type Name	Automatic Charge	Automatic Uplift	Manual Line Item	Manual Per Unit Allocation
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

Charge Type ID	Charge Type Name	Automatic Charge	Automatic Uplift	Manual Line Item	Manual Per Unit Allocation
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

Charge Type ID	Charge Type Name	Automatic Charge	Automatic Uplift	Manual Line Item	Manual Per Unit Allocation
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	--

Charge Type ID	Charge Type Name	Automatic Charge	Automatic Uplift	Manual Line Item	Manual Per Unit Allocation
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	--

Charge Type ID	Charge Type Name	Automatic Charge	Automatic Uplift	Manual Line Item	Manual Per Unit Allocation
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	

Charge Type ID	Charge Type Name	Automatic Charge	Automatic Uplift	Manual Line Item	Manual Per Unit Allocation
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	--

Charge Type ID	Charge Type Name	Automatic Charge	Automatic Uplift	Manual Line Item	Manual Per Unit Allocation
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]	--	Yes[2]	--
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	--

[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

[2] When applied as a manual line item, it can refer to either IOG Reversal or DA_IOG adjustment

Charge Type ID	Charge Type Name	Automatic Charge	Automatic Uplift	Manual Line Item	Manual Per Unit Allocation
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	--

Charge Type ID	Charge Type Name	Automatic Charge	Automatic Uplift	Manual Line Item	Manual Per Unit Allocation
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	

Charge Type ID	Charge Type Name	Automatic Charge	Automatic Uplift	Manual Line Item	Manual Per Unit Allocation
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	--

Charge Type ID	Charge Type Name	Automatic Charge	Automatic Uplift	Manual Line Item	Manual Per Unit Allocation
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	--

Charge Type ID	Charge Type Name	Automatic Charge	Automatic Uplift	Manual Line Item	Manual Per Unit Allocation
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	--

Charge Type ID	Charge Type Name	Automatic Charge	Automatic Uplift	Manual Line Item	Manual Per Unit Allocation
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	--
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	--

Charge Type ID	Charge Type Name	Automatic Charge	Automatic Uplift	Manual Line Item	Manual Per Unit Allocation
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	--
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	--

Charge Type ID	Charge Type Name	Automatic Charge	Automatic Uplift	Manual Line Item	Manual Per Unit Allocation
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	--

Charge Type ID	Charge Type Name	Automatic Charge	Automatic Uplift	Manual Line Item	Manual Per Unit Allocation
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	--

Charge Type ID	Charge Type Name	Automatic Charge	Automatic Uplift	Manual Line Item	Manual Per Unit Allocation
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	--

Charge Type ID	Charge Type Name	Automatic Charge	Automatic Uplift	Manual Line Item	Manual Per Unit Allocation
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

Charge Type ID	Charge Type Name	Automatic Charge	Automatic Uplift	Manual Line Item	Manual Per Unit Allocation
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	--

Charge Type ID	Charge Type Name	Automatic Charge	Automatic Uplift	Manual Line Item	Manual Per Unit Allocation
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.*

Charge Type ID	Field ID	Short Description	Modified Description
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.

Charge Type ID	Field ID	Short Description	Modified Description
100	11	Price	Indicates that the applicable 5-minute *energy market* price ($EMP_h^{m,t}$) at *delivery point* 'm' or 5-minute *energy market price* ($EMP_h^{i,t}$) at *intertie metering point* 'i' will be used for the measured energy quantity or *physical bilateral contract quantity of energy BOUGHT* or *SOLD* ($BCQ_{s,k,h}^{m,t}$or $BCQ_{k,b,h}^{m,t}$) in question. See also: "IESO Charge 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* ($BCQ_{s,k,h}^{m,t}$) 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*** ($BCQ_{k,b,h}^{m,t}$) TIMES EACH applicable 5-minute *energy market price* ($EMP_h^{m,t}$) at *delivery point* 'm' OR 5-minute *energy market price* ($EMP_h^{i,t}$) 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.

Charge Type ID	Field ID	Short Description	Modified Description
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.

Charge Type ID	Field ID	Short Description	Modified Description
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

Charge Type ID	Field ID	Short Description	Modified Description
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: $= \sum^{T}[MAX\ (PD\_DQSI_{k,h}^{i,t} - DQSI_{k,h}^{i,t}, 0)]/12$ 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 Equations*" section 2.2 for further details.

Charge Type ID	Field ID	Short Description	Modified Description
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: $= \sum^{T}[MAX (PD\_DQSW_{k,h}^{i,t} - DQSW_{k,h}^{i,t}, 0)]/12$ See also: "IESO Charge Types and Equations" section 2.2 for further details.
136	30	Amount 3	Price Bias Adjustment Factor for Export transactions ($/MWh to the nearest cent). See also: "IESO Charge Types and Equations" section 2.2 for further details.
140	10	Billable Quantity	This will include the total net quantity used as the basis of the Fixed *Energy* Refund for the applicable *settlement hour*. This will therefore be an aggregation of the quantities used during all *metering intervals* during the *settlement hour* using the formulas described in "IESO Charge Types and Equations"
140	11	Price	The fixed *energy* rate (FP_h^m) used.
141	11	Price	Rate for a designated group of *charge types* (FPC_h^m). See "IESO Charge Types and Equations" for further details.
142, 193, 703, 705, 706, 1400, 1410, 1412, 1418, 1419, 1420, 1425	1	Record Type	MP
142	10	Billable Quantity	Quantity of PFI
142	19	Total Quantity to Allocate/Uplift	Quantity of PTI
144, 194	10	Billable Quantity	This field contains the AQEI for the interval/hour related to the record.
144, 194	11	Price	This field contains the Energy Market Price (EMP) for the *metering interval* for a *delivery point* that is dispatchable ($/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.)

Charge Type ID	Field ID	Short Description	Modified Description
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

Charge Type ID	Field ID	Short Description	Modified Description
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

Charge Type ID	Field ID	Short Description	Modified Description
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.*

Charge Type ID	Field ID	Short Description	Modified Description
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.

Charge Type ID	Field ID	Short Description	Modified Description
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).

Charge Type ID	Field ID	Short Description	Modified Description
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* ($DAM\_LMP_h^m$) for energy at *delivery point* 'm'

Charge Type ID	Field ID	Short Description	Modified Description
1101, 1103	11	Price	Prior to *market transition,* price indicates the applicable 5-minute *energy market* price ($EMP_h^{m,t}$) at *delivery point* 'm' Following the commencement of *market transition*, price indicates the applicable *real-time locational marginal price* ($RT\_LMP_h^{m,t}$)
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* ($BCQ_{k,b,h}^{m,t}$) in question. See also: "IESO Charge 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* ($BCQ_{s,k,h}^{m,t}$) in question. See also: "IESO Charge 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:* (($BCQ_{s,k,h}^{m,t}$or $BCQ_{k,b,h}^{m,t}$)*($EMP_h^{m,t}$)) See also: "IESO Charge 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

Charge Type ID	Field ID	Short Description	Modified Description
1104	10	Billable Quantity	Sum of • the quantity of *energy* scheduled for withdrawal ($DAM\_QSW_{k,h}^{m}$) at the Price Responsive Load *delivery point* 'm'; • the quantity of *energy* scheduled for withdrawal ($DAM\_HDR\_QSW_{k,h}^{m}$) at the Physical Hourly Demand Response *delivery point* 'm';
1104	11	Price	Indicates the applicable *day-ahead market locational marginal price* ($DAM\_LMP_{h}^{m}$) 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 ($DAM\_QSW_{k,h}^{m}$) at the Price Responsive Load *delivery point* 'm'; • the quantity of *energy* scheduled for withdrawal ($DAM\_HDR\_QSW_{k,h}^{m}$) 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* ($RT\_LMP_{h}^{m,t}$) 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.*

Charge Type ID	Field ID	Short Description	Modified Description
1106, 1107	10	Billable Quantity	Indicates the quantity of *energy* scheduled for injection (DAM_QVSI_{k,h^v}) at the *virtual zonal resource* 'v' for a virtual supplier.
1106, 1107	11	Price	Indicates the applicable *day-ahead market* Ontario zonal price ($DAM\_LMP_{h^v}$) or *real-time market* Ontario zonal price ($RT\_LMP_{h^{vz}}$) for *energy* at the Ontario electrical zone 'z
1108, 1109	10	Billable Quantity	Indicates the quantity of *energy* scheduled for injection (DAM_QVSI_{k,h^v}) at the *virtual zonal resource* 'v' for a virtual load.
1108, 1109	11	Price	Indicates the applicable *day-ahead market* Ontario zonal price ($DAM\_LMP_{h^{vz}}$) or *real-time market* Ontario zonal price ($RT\_LMP_{h^{vz}}$) 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* ($DAM\_LMP_{h^i}$) 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*

Charge Type ID	Field ID	Short Description	Modified Description
1111, 1113	11	Price	Prior to *market transition,* price indicates that the applicable 5-minute *energy market* price ($EMP_h^{m,t}$) at *delivery point* 'm' or 5-minute *energy market price* ($EMP_h^{i,t}$) at *intertie metering point* 'i' will be used for the measured energy quantity or *physical bilateral contract quantity of energy BOUGHT* or *SOLD* ($BCQ_{s,k,h}^{m,t}$or $BCQ_{k,b,h}^{m,t}$) in question. See also: "IESO Charge Types and Equations" section 2.5 for further details. Subsequent to *market transition*, this is the applicable *real-time market locational market price* ($RT\_LMP_h^{i,t}$) 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* ($BCQ_{k,b,h}^{m,t}$) in question. See also: "IESO Charge 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* ($BCQ_{s,k,h}^{m,t}$) in question. See also: "IESO Charge 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.*

Charge Type ID	Field ID	Short Description	Modified Description
1111, 1113 Pre-MRP	28	Amount 1	Indicates the of total dollar amount associated with the *physical bilateral contract:* (($BCQ_{s,k,h}^{m,t}$or $BCQ_{k,b,h}^{m,t}$)*($EMP_{h}^{m,t}$)) See also: "IESO Charge 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* ($BCQ_{s,k,h}^{m,t}$) 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	

Charge Type ID	Field ID	Short Description	Modified Description
1114, 1115 (Pre-MRP)	28	Amount 1	SUM OF: all *physical bilateral contract quantities of energy* ***SOLD*** ($BCQ_{k,b,h}^{m,t}$) TIMES EACH applicable 5-minute *energy market price* ($EMP_h^{m,t}$) at *delivery point* 'm' OR 5-minute *energy market price* ($EMP_h^{i,t}$) 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* ($DAM\_OZP_h^z$) and the load forecast deviation adjustment ($LFDA_h$) or in the case of a day-ahead failure, the *real-time Ontario zonal price* ($RT\_OZP_h^z$)
1115 (Post-MRP)	12	Price 1	Indicates the *day-ahead Ontario zonal price* ($DAM\_OZP_h^z$) or in the case of a day-ahead failure, the *real-time Ontario zonal price* ($RT\_OZP_h^z$)
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*: $TD_{k,h,105}^{i}$) that is used in the calculation of this *settlement amount.*
1131	17	intertie metering point ID	Tie Point ID

Charge Type ID	Field ID	Short Description	Modified Description
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

Charge Type ID	Field ID	Short Description	Modified Description
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. $= \sum^{T}[MAX\ (DA\_DQSI_{k,h}^{i,t} - PD\_DQSI_{k,h}^{i,t}, 0)]$
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. $= \sum^{T}[MAX\ (DA\_DQSW_{k,h}^{i,t} - PD\_DQSW_{k,h}^{i,t}, 0)]$
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).

Charge Type ID	Field ID	Short Description	Modified Description
1137[3]	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)

[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.

Charge Type ID	Field ID	Short Description	Modified Description
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

Charge Type ID	Field ID	Short Description	Modified Description
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".

Charge Type ID	Field ID	Short Description	Modified Description
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.

Charge Type ID	Field ID	Short Description	Modified Description
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.

Charge Type ID	Field ID	Short Description	Modified Description
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.

Charge Type ID	Field ID	Short Description	Modified Description
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 ($DAM\_DIGQ_{k,h}^{s}$) 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.

Charge Type ID	Field ID	Short Description	Modified Description
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.

Charge Type ID	Field ID	Short Description	Modified Description
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 ($DAM\_DIGQ_{k,h}^{s}$) 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*

Charge Type ID	Field ID	Short Description	Modified Description
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.

Charge Type ID	Field ID	Short Description	Modified Description
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.

Charge Type ID	Field ID	Short Description	Modified Description
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 ($RT\_SQEI_{k,h}^{i,t}$) 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: $= MAX(MIN(DAM\_QSI_{k,h}^{i}, PD\_QSI_{k,h}^{i}) - SQEI_{k,h}^{i,t}, 0)$ 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: $=MAX(MIN(DAM\_QSW_{k,h}^{i}, PD\_QSW_{k,h}^{i}) - SQEW_{k,h}^{i,t}, 0)$ See also: "IESO Charge Type and Equations" section 2.2.2 for further details.

Charge Type ID	Field ID	Short Description	Modified Description
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.

Charge Type ID	Field ID	Short Description	Modified Description
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_QSOR_{r1}, RT_QSOR_{r1}))
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($RT\_OR\_LC\_EOP_{r1}$, RT_QSOR_{r1}))

Charge Type ID	Field ID	Short Description	Modified Description
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 $OP(Max(DAM\_QSOR_{r1}, RT\_QSOR_{r1}))$

Charge Type ID	Field ID	Short Description	Modified Description
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 $OP(Max(RT\_OR\_LC\_EOP_{r2}, RT\_QSOR_{r2}))$
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.

Charge Type ID	Field ID	Short Description	Modified Description
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_QSOR$_{r3}$, RT_QSOR$_{r3}$))
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_EOP$_{r3}$, RT_QSOR$_{r3}$))
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.

Charge Type ID	Field ID	Short Description	Modified Description
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 $OP(RT\_QSOR_{r1})$
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 $OP(RT\_OR\_LOC\_EOP_{r1})$
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.

Charge Type ID	Field ID	Short Description	Modified Description
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 $OP(RT\_QSOR_{r2})$
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 $OP(RT\_OR\_LOC\_EOP_{r2})$
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.

Charge Type ID	Field ID	Short Description	Modified Description
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 $OP(RT\_QSOR_{r3})$
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 $OP(RT\_OR\_LOC\_EOP_{r3})$
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 $

Charge Type ID	Field ID	Short Description	Modified Description
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.

Charge Type ID	Field ID	Short Description	Modified Description
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 $OP(RT\_CMT\_DIGQ_{k,h}^{s,t})$
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.

Charge Type ID	Field ID	Short Description	Modified Description
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

Charge Type ID	Field ID	Short Description	Modified Description
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 $

Charge Type ID	Field ID	Short Description	Modified Description
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.

Charge Type ID	Field ID	Short Description	Modified Description
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*

Charge Type ID	Field ID	Short Description	Modified Description
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($PD\_QSI_{k,h}^{i}$ – Max($DAM\_QSI_{k,h}^{i}$, $SQEI_{k,h}^{i}$),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\_QSW_{k,h}^{i}$ – Max($DAM\_QSW_{k,h}^{i}$, $SQEW_{k,h}^{i}$),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 (P_n) 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 (P_n) 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.

Uplift Charge Type ID	Field ID	Short Description	Modified Description
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

Uplift Charge Type ID	Field ID	Short Description	Modified Description
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.*

Uplift Charge Type ID	Field ID	Short Description	Modified Description
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'.

Charge Type ID	Field ID	Short Description	Modified Description
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.

Charge Type ID	Field ID	Short Description	Modified Description
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’.

Charge Type ID	Field ID	Short Description	Modified Description
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.

Charge Type ID	Field ID	Short Description	Modified Description
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.

Charge Type ID	Field ID	Short Description	Modified Description
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.

Charge Type ID	Field ID	Short Description	Modified Description
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 transaction was 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.

Charge Type ID	Field ID	Short Description	Modified Description
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.

Charge Type ID	Field ID	Short Description	Modified Description
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]

Charge Type ID	Field ID	Short Description	Modified Description
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.

Charge Type ID	Field ID	Short Description	Modified Description
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

Charge Type ID	Field ID	Short Description	Modified Description
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.

Charge Type ID	Field ID	Short Description	Modified Description
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.

Charge Type ID	Field ID	Short Description	Modified Description
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]

Charge Type ID	Field ID	Short Description	Modified Description
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.

Charge Type ID	Field ID	Short Description	Modified Description
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:** ['DR3xxxxxxxxxxxxxxxx'][',][yyyy/mm/dd] or ['DR3xxxxxxxxxxxxxxxx'][',][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'.

Charge Type ID	Field ID	Short Description	Modified Description
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.

Charge Type ID	Field ID	Short Description	Modified Description
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.

Charge Type ID	Field ID	Short Description	Modified Description
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.

Charge Type ID	Field ID	Short Description	Modified Description
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 2) 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 2) 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 2) total *settlement_amount* to be recovered from all Exporters.

Charge Type ID	Field ID	Short Description	Modified Description
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 2) 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 contract*s.
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.

Charge Type ID	Field ID	Short Description	Modified Description
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.

Charge Type ID	Field ID	Short Description	Modified Description
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-

3. 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.

3.1. 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 point* 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 point* 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 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
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.

3.2. 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.

Field	Type	Max Field Length	Domain	Description
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.

3.3. 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

Field	Type	Max Field Length	Domain	Description
				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)	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

Field	Type	Max Field Length	Domain	Description
(NOT USED)				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.*

3.4. 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)

Field	Type	Max Field Length	Domain	Description
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.

Field	Type	Max Field Length	Domain	Description
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..

3.5. 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).

Field	Type	Max Field Length	Domain	Description
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)

Field	Type	Max Field Length	Domain	Description
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)

Field	Type	Max Field Length	Domain	Description
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)

Field	Type	Max Field Length	Domain	Description
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*

Field	Type	Max Field Length	Domain	Description
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.

Field	Type	Max Field Length	Domain	Description
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*)

Field	Type	Max Field Length	Domain	Description
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*)

Field	Type	Max Field Length	Domain	Description
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*).

Field	Type	Max Field Length	Domain	Description
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.

Field	Type	Max Field Length	Domain	Description
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.

Field	Type	Max Field Length	Domain	Description
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

3.6. 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	Number	2	11	Indicates the type of offer is for *Pseudo-units*

Field	Type	Max Field Length	Domain	Description
ID (Single Field)				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		

Field	Type	Max Field Length	Domain	Description
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.

Field	Type	Max Field Length	Domain	Description
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

Field	Type	Max Field Length	Domain	Description
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.

Field	Type	Max Field Length	Domain	Description
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*.

Field	Type	Max Field Length	Domain	Description
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 *operating 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		

Field	Type	Max Field Length	Domain	Description
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

Field	Type	Max Field Length	Domain	Description
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.

3.7. 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).

Field	Type	Max Field Length	Domain	Description
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.

Field	Type	Max Field Length	Domain	Description
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.

3.8. 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

3.9. 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.

Field	Type	Max Field Length	Domain	Description
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

3.10.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.

3.11. 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.

Field	Type	Max Field Length	Domain	Description
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.

3.12. 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.

3.13. 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*

Field	Type	Max Field Length	Domain	Description
Maximum Daily Output	Number	7,1		*Maximum daily energy limit.*
MW Ratio	Number	6,2		MW Ratio (expressed up to 2 decimal places)

3.14. 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

Field	Type	Max Field Length	Domain	Description
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	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 ($)
DP	104 (Post MRP)	Transmission Rights Settlement Credit	trade date	trade hour	trade interval (always '0')	X			P, C, A, F, R1, R2, R3, R4, R5, R6, or RF	Quantity of Transmission Rights Owned (QTR)	Day Ahead Market External Congestion Price (DAM_PEC)							TTC_OUTAGE_FLAG														Source Zone	Sink Zone	Tax Rate (%)	Tax Amount ($)
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 ($)
DP	106	Congestion Management Settlement Credit for 10 Minute Spinning Reserve	trade date	trade hour	trade interval	X	Zone ID	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6 or RF								Tie Point ID	Tie Point Zone										OP (SQROR)	OP (DQSR)	OP (AQOR) Note: For Reserves DQSR=AQOR		Reason Code or NULL		Tax Rate (%)	Tax Amount ($)

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 Transaction	zone id 2	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 (SQR OR)	OP (DQSR)	OP (AQOR) Note: For Reserves DQSR=AQ OR		Reason Code or NULL		Tax Rate (%)	Tax Amount ($)
DP	108	Congestion Management Settlement Credit for 30 Minute Operating Reserve	trade date	trade hour	trade interval	X	Zone ID	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6 or RF								Tie Point ID	Tie Point Zone											OP (SQR OR)	OP (DQSR)	OP (AQOR) Note: For Reserves DQSR=AQ OR		Reason Code or NULL		Tax Rate (%)	Tax Amount ($)
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 ($)
DP	122	Ramp-down Settlement Amount	trade date	trade hour	trade interval	X	Zone ID "ONZN"	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6 or RF		Start Ramp-down Hour	Start Ramp-down								Start Ramp-down date								OP (MQSI)	OP (DQSI)	OP (AQEI)				Tax Rate (%)	Tax Amount ($)
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 ($)
DP	133	Generation Cost Guarantee Payment	Sync Date	Sync Hour	0	X	Zone ID "ONZN"	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6 or RF									Replacement Location id 1 / Replacement Location id		Computed MRT							Submitted Cost	Incremental Cost	Energy Revenue	CMSC Revenue		Eligibility Test Result		Tax Rate (%)	Tax Amount ($)
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 ($)
DP	136	Real-time Export Failure Charge	Trade date	trade hour	trade interval (always '0')	X	Zone ID	CSP ID	P, C, A, F, R1, R2, R3, R4, R5, R6 or RF								Tie Point ID	Tie Point Zone					RT_ESD							PB_EX				Tax Rate (%)	Tax Amount ($)

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 Transmittor	zone id 2	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 (FP_h^{m})																							Tax Rate (%)	Tax Amount ($)
DP	141	Fixed Wholesale Charge Rate Settlement Amount	X	X (Always '0')	X (Always '0')		X "ONZN"		P, C, A, F, R1, R2, R3, R4, R5, R6 or RFP, F or C	X	Fixed Rate for a designated group of *charge*																							Tax Rate (%)	Tax Amount ($)
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 ($)
DP	147	Class A Global Adjustment Settlement Amount	Last Trading Date of the Month	trade hour (always '0')	trade interval (always '0')	X	X "ONZN"	Delivery Point ID (for non-LDCs)	P, C, A, F, R1, R2, R3, R4, R5, R6 or RF										Total quantity to uplift/allocated													# of days the Peak Demand	Peak Demand Factor	Tax Rate (%)	Tax Amount ($)
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 ($)

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 Transaction	zone id 2	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 ($)
DP	195 (Post-MRP)	Regulated Generation Contract Balancing Amount – Hydro electric	X	X	X	X	X "ONZN"	X (designated DP for each station)	P, C, A, F, R1, R2, R3, R4, R5, R6 or RF				Regulated Rate (RP)	Total hydroelectric generation MWs for the trade date																				Payment Type	Tax Rate (%)	Tax Amount ($)
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 ($)
DP	202	10 Minute Non-spinning Reserve Market Settlement Credit	trade date	trade hour	trade interval	X	Zone ID	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6 or RF	AQOR	Price for Class R Reserve (PROR)						Tie Point ID	Tie Point Zone																Tax Rate (%)	Tax Amount ($)

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 Transmittor	zone id 2	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 availaible headroom for 10S operating reserve							Total accessible OR (TAOR)	Reallocated excess available headroom for 10N operating resery	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 availaible headroom for 10S operating reserve							Total accessible OR (TAOR	Reallocated excess available headroom for 10N operat	Reallocated excess available headroom for 30R operating reserve	)				Tax Rate (%)	Tax Amount ($)
DP	210 (Pre-MRP)	30 Minute non-Accessibility Settlement Amount	trade date	trade hour	trade interval	X	Zone ID	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6 or RF	Non-accessble OR quantity for the location	Price for Class R Reserve (PROR)			Total non-accessble OR quantity (for aggrega			Tie Point ID	Tie Point Zone												MAX_CAP				Tax Rate (%)	Tax Amount ($)
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 availaible headroom for 10S operating reserve							Total accessible OR (TAOR)	Reallocated excess available headroom for 10N operating	Reallocated excess available headroom for 30R operating reserve					Tax Rate (%)	Tax Amount ($)
DP	212	Day-Ahead Market 10-Minute Spinning Reserve Settlement Credit	trade date	trade hour	trade interval (always '0')	X	Zone ID	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6, or RF	DAM_QSOR_R1	DAM_PROR_R1						Tie Point ID	Tie Point Zone																Tax Rate (%)	Tax Amount ($)

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	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 ($)
DP	404	Regulation Service Settlement Credit	Last Trading Date of the Month	0	0	X	Zone ID "ONZN"	Aggregate Delivery Point ID or (Blank)	P, C, A, F, R1, R2, R3, R4, R5, R6 or RF																			Distribution Cost Amount or Fixed	Market Cost Amount or Variable Payment Amount	Fixed Payment Amount or MMO Payment Amount				Tax Rate (%)	Tax Amount ($)
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	Proportionality Fac to															Sum of 650 charges							Tax Rate (%)	Tax Amount ($)
DP	601	Line Connection Service Payment	Last Trading Date of the Month	trade hour (always '0')	trade interval (always '0')	X	Zone ID		P, C, A, F, R1, R2, R3, R4, R5, R6 or RFor C	Sum of all LCD Quantities (from Charge Type 651)	PTS-L or transmitter specific (same as	Proportionality Fac to															Sum of 651 charges							Tax Rate (%)	Tax Amount ($)
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	Proportionality Fac to															Sum of 652 charges							Tax Rate (%)	Tax Amount ($)
DP	603	Export Transmission Service Payment	Last Trading Date of the Month	trade hour (always '0')	trade interval (always '0')	X	Zone ID		P, C, A, F, R1, R2, R3, R4, R5, R6 or RF	Sum of all SQEW (from Charge 653) for each	ETS or transmitter specific (same as Charge	Proportionality Fac to					Tie Point ID																	Tax Rate (%)	Tax Amount ($)
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 ($)

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 Transaction	zone id 2	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	ETS ($/MW/h) or transmitter specific ($/MW/						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-								Start Ramp-down date														Tax Rate (%)	Tax Amount ($)

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 Transaction	zone id 2	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 ($)
DP	1101 (Pre-MRP)	Real-Time Balancing Energy Settlement Amount for Dispatchable Generators	Trade date	Trade hour	Trade interval	X	Zone ID "ONZN"	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6 or RF	Sum of AQEI, AQEW, and BCQ	Energy Market Price (EMP)										Physical Bilateral Contract Tax Rate (%)	Always Zero 0	Always Zero 0	AQEW or Zero (0)	AQEI or Zero (0)	BCQ or Zero (0)	BCQ or Zero (0)	Physical Bilateral Contract Amou	Physical Bilateral Contract Tax Amount ($)					Tax Rate (%)	Tax Amount ($)
DP	1101 (Post MRP)	Real-Time Energy Settlement Amount for Generators	trade date	trade hour	trade interval	X	Zone ID	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6, or RF	Sum of AQEI, AQEW, DAM_QSI	RT_LMP for Energy													AQEW or Zero (0)	AQEI or Zero (0)		DAM_QSI							Tax Rate (%)	Tax Amount ($)
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 ($)
DP	1103 (Pre-MRP)	Real-Time Balancing Energy Settlement Amount for Dispatchable Loads	Trade date	Trade hour	Trade interval	X	Zone ID "ONZN"	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6 or RF	Sum of AQEI, AQEW, and BCQ	Energy Market Price (EMP)										Physical Bilateral Contract Tax Rate (%)	Always Zero 0	Always Zero 0	AQEW or Zero (0)	AQEI or Zero (0)	BCQ or Zero (0)	BCQ or Zero (0)	Physical Bilateral Contract Amou	Physical Bilateral Contract Tax Amount ($)					Tax Rate (%)	Tax Amount ($)
DP	1103 (Post MRP)	Real-Time Energy Settlement Amount for Dispatchable Loads	trade date	trade hour	trade interval	X	Zone ID	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6, or RF	Sum of AQEI, AQEW, DAM_QSI	RT_LMP for Energy													AQEW or Zero (0)	AQEI or Zero (0)		DAM_QSW							Tax Rate (%)	Tax Amount ($)
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 ($)

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 Transaction	zone id 2	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 Amou	Physical Bilateral Contract Tax Amount ($)				Tax Rate (%)	Tax Amount ($)
DP	1111 (Post MRP)	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 Amou	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 ($)
DP	1114	Real-Time Balancing Energy Settlement Amount for Non-Dispatchable Generators	Trade date	Trade hour	Trade interval	X	Zone ID "ONZN"	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6 or RF			HOEP									Physical Bilateral Contract Tax Rate (%)	Always Zero 0	Always Zero 0	AQEW or Zero (0)	AQEI or Zero (0)	BCQ or Zero (0)	BCQ or Zero (0)	Physical Bilateral Contract Amou	Physical Bilateral Contract Tax Amount ($)				Tax Rate (%)	Tax Amount ($)
DP	1115 (Pre-MRP)	Real-Time Energy Settlement Amount for Non-Dispatchable Loads	Trade date	Trade hour	Trade interval	X	Zone ID "ONZN"	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6 or RF			HOEP									Physical Bilateral Contract Tax Rate (%)	Always Zero 0	Always Zero 0	AQEW or Zero (0)	AQEI or Zero (0)	BCQ or Zero (0)	BCQ or Zero (0)	Physical Bilateral Contract Amou	Physical Bilateral Contract Tax Amount ($)				Tax Rate (%)	Tax Amount ($)
DP	1115 (Post MRP)	Non-Dispatchable Load Energy Settlement Amount	trade date	trade hour	trade interval (always '0')	X	Zone ID	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6, or RF	Sum of AQEI,AQEW	Sum of (DAM_OZP_LFDC) or RT_OZP	DAMOZP or RTOZP	LFDA											AQEW	AQEI								Tax Rate (%)	Tax Amount ($)
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, For C								Tie Point ID	Tie Point Zone										-1 * OP (Minimum of PDR_DSQI		TD105				Tax Rate (%)	Tax Amount ($)

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 Transaction	zone id 2	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 ($)
DP	1314	Capacity Obligation – Availability Payment	The last trade date of the month	Trade hour (always '0')	Trade interval (Always '0')	X	X "ONZN"		P, C, A, F, R1, R2, R3, R4, R5, R6 or RF	Total Capacity		Auction Clearing Price			Obligation ID																	Year and month for which avail		Tax Rate (%)	Tax Amount ($)
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 ($)
DP	1316	Capacity Obligation – Administration Charge	The last trade date of the month	Trade hour (always '0')	Trade interval (Always '0')	X	X "ONZN"		P, C, A, F, R1, R2, R3, R4, R5, R6 or RF						Obligation ID																	Year and month for which adm	Reason for charge	Tax Rate (%)	Tax Amount ($)
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			Obligation ID													Expected DR Curtailment for the hour				Trade date for which the reso	Trade hour for which the resource failed to	Tax Rate (%)	Tax Amount ($)

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 Transaction	zone id 2	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 char		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			Obligation ID													1 indicates Emergency Activation 2 indicates						Tax Rate (%)	Tax Amount ($)
DP	1321	Capacity Obligation – Capacity Import Call Failure Charge	The last trade date of the month	Trade hour (always '0')	Trade interval (Always '0')	X	X "ONZN "	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6 or RF						Obligation ID																	Trade date of failed capacity import		Tax Rate (%)	Tax Amount ($)
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 ($)
DP	1325	Capacity Obligation – Capacity Auction Charges True-up Payment	The last trade date of the month	Trade hour (always '0')	Trade interval (Always '0')	X	X "ONZN "		P, C, A, F, R1, R2, R3, R4, R5, R6 or RF						Obligation ID																			Tax Rate (%)	Tax Amount ($)

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 Transaction	zone id 2	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 activ	Peak Demand Factor	Tax Rate (%)	Tax Amount ($)
DP	1351	Capacity Based Recovery Amount for Class B Loads	The last trade date of the month	Trade hour (always '0')	Trade interval (Always '0')	X	X "ONZN "	Delivery Point ID (for non-LDCs)	P, C, A, F, R1, R2, R3, R4, R5, R6 or RF	Billable Class B Load				Total of AQEW for Class B market participants used in calculation of uplift					Total quantity to uplift/allocated	Sum of EEQ for the Settlement period for the MP or exempted MWh				Class B AQEW for the Settlement Period for the MP	Sum of EGEI for the Settlement Period for the MP			Ancillary Service AQEW for the Settlement Period for the MW	AQEW at Beck PGS for the Settlement Period					Tax Rate (%)	Tax Amount ($)
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																	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 ($)
DP	1406	Monthly Condense Energy Costs Settlement Credit	Trade date (last day of month)	Trade hour (always "0")	trade interval (always '0')	X	X "ONZN "	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6 or RF	Condense MW		Non-Hourly uplift																							Tax Rate (%)	Tax Amount ($)
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 ($)

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 Transaction	zone id 2	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																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 ($)
DP	1503	Day-Ahead Production Cost Guarantee – Component 4	trade date	trade hour	trade interval (always '0')	X	Zone ID	Delivery point ID	P, C, A, F, R1, R2, R3, R4, R5, R6 or RF	30R-SQROR				10NS-SQROR						10S-SQROR								OP(30R)	OP(10NS)	OP(10S)				Tax Rate (%)	Tax Amount ($)

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 Transaction	zone id 2	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 betwee n 7 & 18								Start-up paym ent		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 ($)
DP	1800	Day-Ahead Market Make-Whole Payment - Energy	trade date	trade hour	trade interval (always '0')	X	Zone ID	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6, or RF	DAM_QSI, DAM_QSW or DAM_DIGQ	DAM_LMP			DAM_HDR_QSW	StartEvent ID for Hydroelectric gener		Tie Point ID	Tie Point Zone	OP(DAM_QSI), OP(DAM_QSW or OP(DAM_DIG										OP(DAM_EOP)	OP(DAM_HDR) for physical HDR only	OP(DAM_HDR_EOP) for Physical HDR or FROP for Hydroelectric		IMPACT_TEST	Max Start Flag for Hydroelectric	Tax Rate (%)	Tax Amount ($)
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 gener		Tie Point ID	Tie Point Zone											OP(DAM_QSOR_R1)	OP(DAM_OR_EOP_R1)			IMPACT_TEST	Max Start Flag for Hydroelectric	Tax Rate (%)	Tax Amount ($)
DP	1802	Day-Ahead Market Make-Whole Payment - 10-Minute Non-Spinning Reserve	trade date	trade hour	trade interval (always '0')	X	Zone ID	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6, or RF	DAM_QSOR_R2 or DAM_QSOR_DIGQ_R2	DAM_PROR_R2			DAM_OR_EOP_R2	StartEvent ID for Hydroelectric gener		Tie Point ID	Tie Point Zone											OP(DAM_QSOR_R2)	OP(DAM_OR_EOP_R2)			IMPACT_TEST	Max Start Flag for Hydroelectric	Tax Rate (%)	Tax Amount ($)
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 gener		Tie Point ID	Tie Point Zone											OP(DAM_QSOR_R3)	OP(DAM_OR_EOP_R3)			IMPACT_TEST	Max Start Flag for Hydroelectric	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	# of hours remaining for MGBRT	Total $ amount clawback up to MLP		IMPACT_TEST		Tax Rate (%)	Tax Amount ($)
DP	1807	Day-Ahead Market Generator Offer Guarantee - Start-up	trade date	trade hour	trade interval (always '0')	X	Zone ID	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6, or RF											# of Intervals for Start-up								Start-up cost	Mitigated Start-up cost (if applicable)			IMPACT_TEST		Tax Rate (%)	Tax Amount ($)

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 Transaction	zone id 2	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 ($)
DP	1815	Day-Ahead Market Balancing Credit Energy	trade date	trade hour	trade interval (always '0')	X	Zone ID	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6, or RF								Tie Point ID	Tie Point Zone										OP(minimum of RT OR LOC EOP	Operating profit of RT schedule for import/exports					Tax Rate (%)	Tax Amount ($)
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	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 ($)
DP	1900	Real-Time Make-Whole Payment - Lost Cost for Energy	trade date	trade hour	trade interval	X	Zone ID	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6, or RF	RT_QSI, RT_QSW, or RT_DIGQ	RT_LMP						Tie Point ID	Tie Point Zone		DAM Scheduled Quantity for Energy			SQEW	AQEW	AQEI	Lost Cost EOP for Energy		RT LCOP for energy	RT LC EOP operating profit for energy	FROP_LC		IMPACT_TEST		Tax Rate (%)	Tax Amount ($)
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	OP(Max(RT_OR_LC_EOP,DAM_QSOR) for 10S			IMPACT_TEST		Tax Rate (%)	Tax Amount ($)
DP	1902	Real-Time Make-Whole Payment - Lost Cost for 10-Minute Non-Spinning Reserve	trade date	trade hour	trade interval	X	Zone ID	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6, or RF	RT_QSOR_R2	RT_PROR_R2						Tie Point ID	Tie Point Zone		DAM Scheduled Quantity for 10N						Lost Cost EOP for 10N		OP(Max(DAM_QSOR,RT_QSOR) for	OP(Max(RT_OR_LC_EOP,DAM_QSOR) for 10N			IMPACT_TEST		Tax Rate (%)	Tax Amount ($)
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	OP(Max(RT_OR_LC_EOP,DAM_QSOR) for 30R			IMPACT_TEST		Tax Rate (%)	Tax Amount ($)

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 Transaction	zone id 2	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		IMP ACT _TEST		Tax Rate (%)	Tax Amount ($)
DP	1905	Real-Time Make-Whole Payment - Lost Opportunity Cost for 10-Minute Spinning Reserve	trade date	trade hour	trade interval	X	Zone ID	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6, or RF	RT_QSOR_R1	RT_PROR_R1															Lost Opportunity Cost EOP for 10S		OP(RT_QSOR) for 10S	OP(RT_OR_LOC_EOP) for 10S			IMP ACT _TEST		Tax Rate (%)	Tax Amount ($)
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			IMP ACT _TEST		Tax Rate (%)	Tax Amount ($)
DP	1907	Real-Time Make-Whole Payment - Lost Opportunity Cost for 30-Minute Operating Reserve	trade date	trade hour	trade interval	X	Zone ID	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6, or RF	RT_QSOR_R3	RT_PROR_R3															Lost Opportunity Cost EOP for 30R		OP(RT_QSOR) for 30R	OP(RT_OR_LOC_EOP) for 30R			IMP ACT _TEST		Tax Rate (%)	Tax Amount ($)
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			IMP ACT _TEST		Tax Rate (%)	Tax Amount ($)
DP	1909	Real-Time Make-Whole Payment - Operating Reserve Non-Accessibility Lost Opportunity Cost Reversal	trade date	trade hour	trade interval	X	Zone ID	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6, or RF																			RT_OLOC clawback for 10S	RT_OLOC clawback for 10N	RT_OLOC clawback for 30R			IMP ACT _TEST		Tax Rate (%)	Tax Amount ($)
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)			IMP ACT _TEST		Tax Rate (%)	Tax Amount ($)
DP	1911	Real-Time Generator Offer Guarantee - Operating Reserve	trade date	trade hour	trade interval	X	Zone ID	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6, or RF																			OP(RT_QSOR) for 10S	OP(RT_QSOR) for 10N	OP(RT_QSOR) for 30R			IMP ACT _TEST		Tax Rate (%)	Tax Amount ($)
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)			IMP ACT _TEST		Tax Rate (%)	Tax Amount ($)
DP	1913	Real-Time Generator Offer Guarantee - Start-up	trade date	trade hour	trade interval	X	Zone ID	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6, or RF											# of interval for Start-up								Start-up cost in PD	Start-up cost in DAM	DAM Start-up cost mitigated flag			IMP ACT _TEST		Tax Rate (%)	Tax Amount ($)
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 ($)

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 Transaction	zone id 2	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 ($)
DP	1917	Real-Time Ramp Down Settlement Amount	trade date	trade hour	trade interval	X	Zone ID	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6, or RF		Ramp down Start Hour	Ramdown Start Int								Rampdown Start Date								Operating profit based on RT offer	Operating profit based on DAM offer (if applicable)			IMPACT_TEST		Tax Rate (%)	Tax Amount ($)
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 ($)
DP	1921	Generator Failure Charge - Guarantee Cost Component	trade date	trade hour	trade interval	X	Zone ID	Delivery Point ID	P, C, A, F, R1, R2, R3, R4, R5, R6, or RF			PD start-up cost pro	M1 pro-rating factor							PD_RUN_NUM								Start-up cost	Speed-no-load cost	OP(PD_QSI)		FAILURE_TYPE		Tax Rate (%)	Tax Amount ($)
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 ($)

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	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	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	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				Sum of AQEW, SQEW for All MPs, excluding					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	Sum of exempted load for the MP	Eligible station service load for the			Comment	Tax Rate (%)	Tax Amount ($)
DP	Varies – see section 2.5.1 table	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				Sum of AQEW, SQEW for All MPs, excluding					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	Sum of exempted load for the MP	Eligible station service load for the				Tax Rate (%)	Tax Amount ($)
DP	Varies – see section 2.5.1 table	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 ($)

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 2.5.1 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	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 ($)
DP	Varies – see section 2.5.1 table 2-5	Varies– see section 2.5.1 table 2-5 for specific listing of default levy (DL) type uplifts	Last Trading Date of the Month	X (always '0')	X (always '0')	X	Zone ID		P, C, A, F, R1, R2, R3, R4, R5, R6 or RF																			Absolute Invoic	Absolute total invoice amount for all MPs	Default amount				Tax Rate (%)	Tax Amount ($)
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	location 1	location 2	intertie metering point	intertie metering point zone	total quantity to uplift/allocate	constant	bilateral tax rate for charge	scheduled import quantity	scheduled export quantity	allocated quantity of	allocated quantity of	total bilateral quantity sold	total bilateral quantity bought	amount 1	amount 2 (bilateral tax	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 ($)

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	location 1	location 2	intertie metering point	intertie metering point zone	total quantity to uplift / allocate	constant	bilateral tax rate for charge	scheduled import quantity	scheduled export quantity	allocated quantity of	allocated quantity of	total bilateral quantity sold	total bilateral quantity bought	amount 1	amount 2 (bilateral tax	amount 3	per unit charge id	zone id 1 or Reason Code or Transmitter	zone id 2	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 ($)
MP	1462	ONLSF Form: Feed-In Tariff Program – LDC & Embedded LDC	Last Trading Date of the Month	trade hour (always '0')	trade interval (always '0')	X	Zone ID "ONZN"		P, C, A, F, R1, R2, R3, R4, R5, R6 or RF	(For PSS and FSS Submissions): Payment from IESO (kWh) + Payment to IESO (kWh)					Participant ID for submitting participant																			Comments	Tax Rate (%)	Tax Amount ($)

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	location 1	location 2	intertie metering point	intertie metering point zone	total quantity to uplift / allocate	constant	bilateral tax rate for charge	scheduled import quantity	scheduled export quantity	allocated quantity of	allocated quantity of	total bilateral quantity sold	total bilateral quantity bought	amount 1	amount 2 (bilateral tax	amount 3	per unit charge id	zone id 1 or Reason Code or Transmitter	zone id 2	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 ($)

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	location 1	location 2	intertie metering point	intertie metering point zone	total quantity to uplift / allocate	constant	bilateral tax rate for charge	scheduled import quantity	scheduled export quantity	allocated quantity of	allocated quantity of	total bilateral quantity sold	total bilateral quantity bought	amount 1	amount 2 (bilateral tax	amount 3	per unit charge id	zone id 1 or Reason Code or Transmitter	zone id 2	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

Document Name	Document ID
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

Document Name	Document ID
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

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