

## **IESO Charge Types and Equations**

Issue 6.0 December 3, 2025

This document enumerates the various *charge types* and equations used in the *IESO settlements process* for *IESO-administered markets*.

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			Dispatchable Generation Resources that are not Pseudo-Units and Dispatchable Electricity Storage Resources that are Registered to Inject $RT\_ELOC_{k,h}^{m,t} = \left\{ \begin{aligned} Max[0,OP(RT\_LMP_h^{m,t},RT\_LOC\_EOP_{k,h}^{m,t},BE_{k,h}^{m,t})] \\ - Max[0,OP(RT\_LMP_h^{m,t},Max(RT\_QSI_{k,h}^{m,t},AQEI_{k,h}^{m,t}),BE_{k,h}^{m,t})] - RT\_FROP\_LOC_{k,h}^{m,t} \right\} \end{aligned}$ Where: if the dispatchable generation resource is registered as a hydroelectric generation resource, $RT\_QSI_{k,h}^{m,t}$ is greater than $FR\_LL_k^{m,f}$ , and $RT\_QSI_{k,h}^{m,t}$ is less than or equal to $FR\_UL_k^{m,f}$ , then							
			$RT\_FROP\_LOC_{k,h}^{m,t} = \max \left[ 0, OP(RT\_LMP_h^{m,t}, Min(FR\_UL_{k,h}^{m,f}, RT\_LOC\_EOP_{k,h}^{m,t}), BE_{k,h}^{m,t}) \right] - \max \left[ 0, OP(RT\_LMP_h^{m,t}, Max(RT\_QSI_{k,h}^{m,t,f}, AQEI_{k,h}^{m,t}), BE_{k,h}^{m,t}) \right]$							
1904 MRP new	Real-Time Make-Whole Payment – Lost Opportunity Cost for Energy (RT_MWP – RT_ELOC)	MR Ch.9 ss.3.5.6.2, 3.5.9, and 3.5.10	Where: $ \begin{tabular}{l} `FR\_UL_k^{m,f'} = the forbidden region upper limit from forbidden region set `f' where $RT\_QSI_{k,h}^m < FR\_UL_k^{m,f}$, as submitted by market participant `k' for delivery point `m' as daily dispatch data;  \begin{tabular}{l} `FR\_LL_k^{m,f'} = the forbidden region lower limit from forbidden region set `f' where $RT\_QSI_{k,h}^m >= FR\_LL_k^{m,f}$, as submitted by market participant `k' for delivery point `m' as daily dispatch data; and  \begin{tabular}{l} `f' = (1N) of the forbidden region set $\{FR\_UL_k^{m,f}, FR\_LL_k^{m,f}\}$ and N is the maximum number of forbidden regions submitted by market participant `k' for delivery point `m' as daily dispatch data. \\ \end{tabular} $	Interval	Due MP	13	N/A	N/A	N/A	
			Otherwise $RT\_FROP\_LOC_{k,h}^{m,t}$ shall equal zero.							
			Dispatchable Generation Resources that are Pseudo-Units: Combustion Turbine $RT\_ELOC_{k,h}^{c,t} = \left\{ \begin{aligned} &Max[0,OP(RT\_LMP_h^{c,t},RT\_LOC\_EOP_{k,h}^{c,t},RT\_DIPC_{k,h}^{c,t})] \\ &-Max[0,OP(RT\_LMP_h^{c,t},Max(RT\_QSI_{k,h}^{c,t},AQEI_{k,h}^{c,t}),RT\_DIPC_{k,h}^{c,t})] \right\} / 12 \end{aligned}$							
			Dispatchable Generation Resources that are Pseudo-Units: Steam Turbine $RT\_ELOC_{k,h}^{s,t} = \left\{ \begin{aligned} &Max[0, OP(RT\_LMP_h^{s,t0}, RT\_LOC\_EOP\_DIGQ_{k,h}^{s,t0}, RT\_DIPC_{k,h}^{s,t0})] \\ &- Max[0, OP(RT\_LMP_h^{s,t0}, Max(RT\_QSI\_DIGQ_{k,h}^{s,t0}, AQEI_{k,h}^{s,t0}), RT\_DIPC_{k,h}^{s,t0})] \right\} / 12 \\ &+ \left\{ OP(RT\_LMP_h^{s,t1}, RT\_LOC\_EOP\_DIGQ_{k,h}^{s,t1}, RT\_DIPC_{k,h}^{s,t1}) \\ &- Max[0, OP(RT\_LMP_h^{s,t1}, RT\_QSI\_DIGQ_{k,h}^{s,t1}, RT\_DIPC_{k,h}^{s,t1})] \right\} / 12 \end{aligned}$							

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			Where:  t0 = metering interval `t' in settlement hour `h' when none of the combustion turbine resources associated with the steam turbine resources have a real-time schedule that is less than its respective minimum loading point; and t1 = metering interval `t' in settlement hour `h' when (1) at least one combustion turbine resource associated with the steam turbine resource has a real-time schedule greater than or equal to its minimum loading point; and (2) at least one of the combustion turbine resources associated with the steam turbine resource has a real-time schedule that is less than its respective minimum loading point.  Note: For greater certainty, `t1' and `t0' metering intervals are mutually exclusive, and the calculation will be conducted using either the `t1' or `t0' variables, depending on whether the relevant metering interval meets the criteria of `t1' or `t0', respectively.							
MRP new	Real-Time Make-Whole Payment – Lost Opportunity Cost for Energy (RT_MWP – RT_ELOC)	MR Ch.9 s.3.5.7	Dispatchable Loads and Dispatchable Electricity Storage Resources that are Registered to Withdraw $RT\_ELOC_{k,h}^{m,t} = -1 \times \{ \underbrace{Max}_{k} [0, OP(RT\_LMP_h^{m,t}, RT\_LOC\_EOP_{k,h}^{m,t}, BL_{k,h}^{m,t}) ] \\ - OP(RT\_LMP_h^{m,t}, Max(RT\_QSW_{k,h}^{m,t}, AQEW_{k,h}^{m,t}), BL_{k,h}^{m,t}) \} / 12$	Interval	Due MP	13	N/A	N/A	N/A	
1905 MRP new	Real-Time Make-Whole Payment – Lost Opportunity Cost for 10- Minute Spinning Reserve (RT_MWP – RT_OLOC)	MR Ch.9 ss. 3.5.6, 3.5.9, and 3.5.10	Dispatchable Generation Resources that are not Pseudo-Units and Dispatchable Electricity Storage Resources that are Registered to Inject $RT\_OLOC_{k,h}^{m,t} = \{ \text{Max}[0, OP(RT\_PROR_{r1,h}^{m,t}, RT\_OR\_LOC\_EOP_{r1,k,h}^{m,t}, BOR_{r1,k,h}^{m,t})] - Max[0, OP(RT\_PROR_{r1,h}^{m,t}, RT\_QSOR_{r1,k,h}^{m,t}, BOR_{r1,k,h}^{m,t})] - RT\_OR\_FROP\_LOC_{r1,k,h}^{m,t} \}/12$ $\frac{Where:}{\text{if the dispatchable generation resource is registered as a hydroelectric generation resource, then;}$ $RT\_OR\_FROP\_LOC_{r1,k,h}^{m,t}$ $= Max \left[ 0, OP(RT\_PROR_{r1,h}^{m,t}, (RT\_OR\_LOC\_EOP_{r1,k,h}^{m,t} - QTY\_ADJ_{r1,k,h}^{m,t}), BOR_{r1,k,h}^{m,t}) \right]$ $- Max \left( 0, OP(RT\_PROR_{r1,h}^{m,t}, RT\_QSOR_{r1,k,h}^{m,t}, BOR_{r1,k,h}^{m,t}) \right)$ $\frac{A}{V} = \frac{A}{V} \frac{A}{$	Interval	Due MP	13	N/A	N/A	N/A	

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			$\begin{array}{l} \underline{\textbf{b.}}  QTY\_DIFF^{m,t}_{r1,k,h} = RT\_OR\_LOC\_EOP^{m,t}_{r1,k,h} - RT\_QSOR^{m,t}_{r1,k,h} \\ \underline{\textbf{c.}}  FR\_QTY\_AVAIL^{m,t}_{r1,k,h} = \\ & Max\left[0, Max\left(DAM\_QSI^{m}_{k,h}, Min(RT\_QSI^{m,t}_{k,h}, AQEI^{m,t}_{k,h})\right) - \\ & Max(FR\_LL^{m,t}_{k,h}, DAM\_QSI^{m}_{k,h}, RT\_LC\_EOP^{m,t}_{k,h})\right] \end{array}$							
			Dispatchable Generation Resources that are Pseudo-Units: Combustion Turbine $RT\_OLOC_{k,h}^{c,t} = \left[ \max\left[0, OP(RT\_PROR_{r1,h}^{c,t}, RT\_OR\_LOC\_EOP_{r1,k,h}^{c,t}, RT\_OR\_DIPC_{r1,k,h}^{c,t})\right] - Max\left[0, OP(RT\_PROR_{r1,h}^{c,t}, RT\_QSOR_{r1,k,h}^{c,t}, RT\_OR\_DIPC_{r1,k,h}^{c,t})\right] \right]/12$ Dispatchable Generation Resources that are Pseudo-Units: Steam Turbine $RT\_OLOC_{k,h}^{s,t} = \left\{ \begin{aligned} Max\left[0, OP(RT\_PROR_{r1,h}^{s,t}, RT\_OR\_LOC\_EOP_{r1,k,h}^{s,t}, RT\_OR\_DIPC_{r1,k,h}^{s,t})\right] - Max\left[0, OP(RT\_PROR_{r1,h}^{s,t}, RT\_QSOR_{r1,k,h}^{s,t}, RT\_OR\_DIPC_{r1,k,h}^{s,t})\right] \end{aligned}$							
1905 MRP new	Real-Time Make-Whole Payment – Lost Opportunity Cost for 10- Minute Spinning Reserve (RT_MWP – RT_OLOC)	MR Ch.9 s.3.5.7	Dispatchable Loads and Dispatchable Electricity Storage Resources that are Registered to Withdraw $RT\_OLOC_{k,h}^{m,t} = \{ \max \left[ 0, OP \left( RT\_PROR_{r_1,h}^{m,t}, RT\_OR\_LOC\_EOP_{r_1,k,h}^{m,t}, BOR_{r_1,k,h}^{m,t} \right) \right] \\ - Max \left[ 0, OP \left( RT\_PROR_{r_1,h}^{m,t}, RT\_QSOR_{r_1,k,h}^{m,t}, BOR_{r_1,k,h}^{m,t} \right) \right] \} / 12$	Interval	Due MP	13	N/A	N/A	N/A	
1906 MRP new	Real-Time Make-Whole Payment – Lost Opportunity Cost for 10- Minute Non- Spinning Reserve (RT_MWP – RT_OLOC)	MR Ch.9 ss.3.5.6, 3.5.9, and 3.5.10	Dispatchable Generation Resources that are not Pseudo-Units and Dispatchable Electricity Storage Resources that are Registered to Inject $RT\_OLOC_{k,h}^{m,t} = \{ \text{Max}[0, OP(RT\_PROR_{r2,h}^{m,t}, RT\_OR\_LOC\_EOP_{r2,k,h}^{m,t}, BOR_{r2,k,h}^{m,t})] \\ - Max[0, OP(RT\_PROR_{r2,h}^{m,t}, RT\_QSOR_{r2,k,h}^{m,t}, BOR_{r2,k,h}^{m,t})] - RT\_OR\_FROP\_LOC_{r2,k,h}^{m,t} \}/12$ Where: if the dispatchable generation resource is registered as a hydroelectric generation resource, then	Interval	Due MP	13	N/A	N/A	N/A	

			$\begin{split} RT\_OR\_FROP\_LOC_{r2,k,h}^{m,t} \\ &= Max[0, OP(RT\_PROR_{r2,h}^{m,t}, (RT\_OR\_LOC\_EOP_{r2,k,h}^{m,t} - QTY\_ADJ_{r2,k,h}^{m,t}), BOR_{r2,k,h}^{m,t})] \\ &- Max\left(0, OP(RT\_PROR_{r2,h}^{m,t}, RT\_QSOR_{r2,k,h}^{m,t}, BOR_{r2,k,h}^{m,t})\right) \end{split}$							
			Where:							
			Dispatchable Generation Resources that are Pseudo-Units: Combustion Turbine $RT\_OLOC_{k,h}^{c,t} = \left[ Max \left[ 0, OP(RT\_PROR_{r2,h}^{c,t}, RT\_OR\_LOC\_EOP_{r2,k,h}^{c,t}, RT\_OR\_DIPC_{r2,k,h}^{c,t}) \right] - Max \left[ 0, OP(RT\_PROR_{r2,h}^{c,t}, RT\_QSOR_{r2,k,h}^{c,t}, RT\_OR\_DIPC_{r2,k,h}^{c,t}) \right] \right] / 12$							
			Dispatchable Generation Resources that are Pseudo-Units: Steam Turbine $RT\_OLOC_{k,h}^{s,t} = \left\{ \begin{aligned} &Max\left[0,OP\left(RT\_PROR_{r2,h}^{s,t},RT\_OR\_LOC\_EOP_{r2,k,h}^{s,t},RT\_OR\_DIPC_{r2,k,h}^{s,t}\right)\right] \\ &- Max\left[0,OP\left(RT\_PROR_{r2,h}^{s,t},RT\_QSOR_{r2,k,h}^{s,t},RT\_OR\_DIPC_{r2,k,h}^{s,t}\right)\right] \right\}/12 \end{aligned}$							
1906 MRP new	Real-Time Make-Whole Payment — Lost Opportunity Cost for 10- Minute Non- Spinning Reserve	MR Ch.9 s.3.5.7	Dispatchable Loads and Dispatchable Electricity Storage Resources that are Registered to Withdraw $RT\_OLOC_{k,h}^{m,t} = \{ \begin{aligned} &\text{Max}[0, OP(RT\_PROR_{r2,h}^{m,t}, RT\_OR\_LOC\_EOP_{r2,k,h}^{m,t}, BOR_{r2,k,h}^{m,t})] \\ &- Max[0, OP(RT\_PROR_{r2,h}^{m,t}, RT\_QSOR_{r2,k,h}^{m,t}, BOR_{r2,k,h}^{m,t})] \}/12 \end{aligned}$	Interval	Due MP	13	N/A	N/A	N/A	
	(RT_MWP – RT_OLOC)									
	Real-Time Make-Whole Payment – Lost Opportunity Cost for 30- Minute	MR Ch.9 ss.3.5.6, 3.5.9, and 3.5.10	Dispatchable Generation Resources that are not Pseudo-Units and Dispatchable Electricity Storage that are Registered to Inject $RT\_OLOC_{k,h}^{m,t} = \{ \text{Max}[0, OP(RT\_PROR_{r3,h}^{m,t}, RT\_OR\_LOC\_EOP_{r3,k,h}^{m,t}, BOR_{r3,k,h}^{m,t})] \\ - Max[0, OP(RT\_PROR_{r3,h}^{m,t}, RT\_QSOR_{r3,k,h}^{m,t}, BOR_{r3,k,h}^{m,t})] - RT\_OR\_FROP\_LOC_{r3,k,h}^{m,t} \}/12$	Interval	Due MP	13	N/A	N/A	N/A	

	Operating Reserve (RT_MWP – RT_OLOC)									
			Dispatchable Generation Resources that are Pseudo-Units: Combustion Turbine $RT\_OLOC_{k,h}^{c,t} = \left[ Max[0, OP(RT\_PROR_{r3,h}^{c,t}, RT\_OR\_LOC\_EOP_{r3,k,h}^{c,t}, RT\_OR\_DIPC_{r3,k,h}^{c,t})] - Max[0, OP(RT\_PROR_{r3,h}^{c,t}, RT\_QSOR_{r3,k,h}^{c,t}, RT\_OR\_DIPC_{r3,k,h}^{c,t})] \right]/12$ Dispatchable Generation Resources that are Pseudo-Units: Steam Turbine $RT\_OLOC_{k,h}^{s,t} = \left\{ \max \left[ 0, OP(RT\_PROR_{r3,h}^{s,t}, RT\_OR\_LOC\_EOP_{r3,k,h}^{s,t}, RT\_OR\_DIPC_{r3,k,h}^{s,t}) \right] - Max[0, OP(RT\_PROR_{r3,h}^{s,t}, RT\_QSOR_{r3,k,h}^{s,t}, RT\_OR\_DIPC_{r3,k,h}^{s,t})] \right\}/12$							
1907 MRP new	Real-Time Make-Whole Payment – Lost Opportunity Cost for 30- Minute Operating Reserve (RT_MWP – RT_OLOC)	MR Ch.9 s.3.5.7	Dispatchable Loads and Dispatchable Electricity Storage Resources that are Registered to Withdraw $RT\_OLOC_{k,h}^{m,t} = \{ \max[0, OP(RT\_PROR_{r_3,h}^{m,t}, RT\_OR\_LOC\_EOP_{r_3,k,h}^{m,t}, BOR_{r_3,k,h}^{m,t})] \\ - Max[0, OP(RT\_PROR_{r_3,h}^{m,t}, RT\_QSOR_{r_3,k,h}^{m,t}, BOR_{r_3,k,h}^{m,t})] \}/12$	Interval	Due MP	13	N/A	N/A	N/A	

## 1.1. Rounding Conventions – by Charge Type

## 1.1.1. General Notes

- All *settlement amounts* reported by the *IESO settlements* system are expressed in dollars and are rounded to the nearest cent (e.g. to two decimal places) on *settlement statements*, although some *settlement* calculations may only yield 1 significant digit to the right of the decimal place. In these instances, the financial amount is NOT further rounded to the nearest ten cents.
- **Table 2-5** provides a description of each of the column references for rounding conventions by *charge type*.
- **Table 2-6** lists all the rounding conventions by *charge type*. This table:
  - references significant digits to the right of the decimal place. This should NOT be confused with the number of
    decimal places allowable in some columns on the settlement statements and data files as set out in Format
    Specifications for Settlement Statement Files and Data Files document. This document is located on the Technical
    Interfaces webpage under 'Commercial Reconciliation';
  - does not include the final rounding step to the nearest cent, as this is done for ALL settlement amounts. Rather, it
    describes any intermediate calculations (particularly, those involving division) that involve rounding prior to the final
    calculation of the settlement amount.

Table 2-1: Description of Column References for Rounding Conventions – by Individual Charge Type

Table 2-2: Rounding Conventions – by Individual Charge Type

Charge Type Number	Charge Type Name	INPUT VARIABLES  Least number of significant digits to the right of the decimal	INPUT VARIABLES Maximum number of significant digits to the right of the decimal	Intermediate Rounding done by Settlements?	INTERMEDIATE CALCULATION 1 (where intermediate rounding occurs)	DISPOSITION OF INTERMEDIATE CALCULATION 1	INTERMEDIATE CALCULATION 2 (where intermediate rounding occurs)	DISPOSITION OF INTERMEDIATE CALCULATION 2
1904	Real-Time Make- Whole Payment – Lost Opportunity Cost for Energy Dispatchable Generation Resources	1	3	Yes	AQEI multiplied by 12 Resulting Decimals: 3	Compare with RT_QSI.	OP(RT_LMP, RT_LOC_EOP, BE) OP(RT_LMP, Max(RT_QSI, AQEI), BE)  FROP = OP(RT_LMP, Min(FR_UL, RT_LOC_EOP), BE) - OP(RT_LMP, Max(RT_QSI, AQEI), BE)  For Combustion Turbines: OP(RT_LMP, RT_LOC_EOP, RT_DIPC) OP(RT_LMP, Max(RT_QSI,AQEI), RT_DIPC)  For Steam Turbines: OP(RT_LMP, RT_LOC_EOP_DIGQ, RT_DIPC) OP(RT_LMP, RT_LOC_EOP_DIGQ, RT_DIPC) OP(RT_LMP, Max(RT_QSI_DIGQ, AQEI), RT_DIPC) OP(RT_LMP, Max(RT_QSI_DIGQ, AQEI), RT_DIPC) OP(RT_LMP, RT_QSI_DIGQ, RT_DIPC) Resulting Decimals: 2	Profits are compared as applicable.

Charge Type Number	Charge Type Name	INPUT VARIABLES  Least number of significant digits to the right of the decimal	INPUT VARIABLES Maximum number of significant digits to the right of the decimal	Intermediate Rounding done by Settlements?	INTERMEDIATE CALCULATION 1 (where intermediate rounding occurs)	DISPOSITION OF INTERMEDIATE CALCULATION 1	INTERMEDIATE CALCULATION 2 (where intermediate rounding occurs)	DISPOSITION OF INTERMEDIATE CALCULATION 2
1904	Real-Time Make- Whole Payment – Lost Opportunity Cost for Energy Dispatchable Loads	1	3	Yes	AQEW multiplied by 12 Resulting Decimals: 3	Compare with RT_QSW.	OP(RT_LMP, RT_LOC_EOP, BL)  OP(RT_LMP, Max(RT_QSW, AQEW), BL)  Resulting Decimals: 2	Profits are compared as applicable.
1905	Real-Time Make- Whole Payment – Lost Opportunity Cost for 10-Minute Spinning Reserve Dispatchable Generation Resources	1	3	Yes	OP(RT_PROR, RT_OR_LOC_EOP, BOR)  OP(RT_PROR, RT_QSOR, BOR)  Forbidden Region: OP(RT_PROR, (RT_OR_LOC_EOP - QTY_ADJ), BOR) - Max (0, OP(RT_PROR, RT_QSOR, BOR)  For Combustion Turbines: OP(RT_PROR, RT_OR_LOC_EOP, RT_OR_DIPC)  OP(RT_PROR, RT_QSOR, RT_OR_DIPC)  For Steam Turbines:	Profits are compared as applicable.		

Charge Type Number	Charge Type Name	INPUT VARIABLES  Least number of significant digits to the right of the decimal	INPUT VARIABLES Maximum number of significant digits to the right of the decimal	Intermediate Rounding done by Settlements?	INTERMEDIATE CALCULATION 1 (where intermediate rounding occurs)	DISPOSITION OF INTERMEDIATE CALCULATION 1	INTERMEDIATE CALCULATION 2 (where intermediate rounding occurs)	DISPOSITION OF INTERMEDIATE CALCULATION 2
					OP(RT_PROR, RT_OR_LOC_EOP, RT_OR_DIPC)  OP(RT_PROR, RT_QSOR, RT_OR_DIPC)  Resulting Decimals: 2			
1905	Real-Time Make- Whole Payment – Lost Opportunity Cost for 10-Minute Spinning Reserve Dispatchable Loads	1	3	Yes	OP(RT_PROR, RT_OR_LOC_EOP, BOR)  OP(RT_PROR, RT_QSOR, BOR)  Resulting Decimals: 2	Profits are compared as applicable.		
1906	Real-Time Make- Whole Payment – Lost Opportunity Cost for 10-Minute Non-Spinning Reserve Dispatchable Generation Resources	1	3	Yes	OP(RT_PROR, RT_OR_LOC_EOP, BOR)  OP(RT_PROR, RT_QSOR, BOR)  Forbidden Region: OP(RT_PROR, (RT_OR_LOC_EOP - OTY_ADJ), BOR) - Max (0, OP(RT_PROR, RT_QSOR, BOR)  For Combustion Turbines:	Profits are compared as applicable.		

Charge Type Number	Charge Type Name	INPUT VARIABLES  Least number of significant digits to the right of the decimal	INPUT VARIABLES Maximum number of significant digits to the right of the decimal	Intermediate Rounding done by Settlements?	INTERMEDIATE CALCULATION 1 (where intermediate rounding occurs)	DISPOSITION OF INTERMEDIATE CALCULATION 1	INTERMEDIATE CALCULATION 2 (where intermediate rounding occurs)	DISPOSITION OF INTERMEDIATE CALCULATION 2
					OP(RT_PROR, RT_OR_LOC_EOP, RT_OR_DIPC)			
					OP(RT_PROR, RT_QSOR, RT_OR_DIPC)			
					For Steam Turbines: OP(RT_PROR, RT_OR_LOC_EOP, RT_OR_DIPC)			
					OP(RT_PROR, RT_QSOR, RT_OR_DIPC)			
					Resulting Decimals: 2			
1906	Real-Time Make- Whole Payment – Lost Opportunity Cost for 10-Minute Non-Spinning Reserve	1	3	Yes	OP(RT_PROR, RT_OR_LOC_EOP, BOR) OP(RT_PROR, RT_QSOR, BOR)	Profits are compared as applicable.		
	Dispatchable Loads				Resulting Decimals: 2			
1907	Real-Time Make- Whole Payment – Lost Opportunity Cost for 30-Minute Operating Reserve	1	3	Yes	OP(RT_PROR, RT_OR_LOC_EOP, BOR)  OP(RT_PROR, RT_QSOR, BOR)	Profits are compared as applicable.		
	Dispatchable Generation Resources				Forbidden Region:  OP(RT PROR, (RT OR LOC EOP – OTY ADJ), BOR) –			

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Charge Type Number	Charge Type Name	INPUT VARIABLES  Least number of significant digits to the right of the decimal	INPUT VARIABLES Maximum number of significant digits to the right of the decimal	Intermediate Rounding done by Settlements?	INTERMEDIATE CALCULATION 1 (where intermediate rounding occurs)	DISPOSITION OF INTERMEDIATE CALCULATION 1	INTERMEDIATE CALCULATION 2 (where intermediate rounding occurs)	DISPOSITION OF INTERMEDIATE CALCULATION 2
					Max (0, OP(RT_PROR, RT_QSOR, BOR)			
					For Combustion Turbines:			
					OP(RT_PROR, RT_OR_LOC_EOP, RT_OR_DIPC)			
					OP(RT_PROR, RT_QSOR, RT_OR_DIPC)			
					For Steam Turbines: OP(RT_PROR, RT_OR_LOC_EOP, RT_OR_DIPC)			
					OP(RT_PROR, RT_QSOR, RT_OR_DIPC)			
					Resulting Decimals: 2			
1907	Real-Time Make- Whole Payment – Lost Opportunity Cost for 30-Minute Operating Reserve	1	3	Yes	OP(RT_PROR, RT_OR_LOC_EOP, BOR)  OP(RT_PROR, RT_QSOR, BOR)	Profits are compared as applicable.		
	Dispatchable Loads				Resulting Decimals: 2			

## References

Document Name	Doc ID
Market Rules for the Ontario Electricity Market	RUL-6 to RUL-24
Market Manual 1: Connecting to Ontario's Power System, Part 1.5: Market Registration Procedures	MAN-108
Market Manual 5: Settlements, Part 5.10: Settlement Disagreements	MAN-120
Format Specifications for Settlement Statement Files and Data Files	IMP_SPEC_0005
Ontario Energy Board Act, 1998	
Regulation 436/02	
Regulation 330/09	
Regulation 98/05	
Regulation 314/15	
Regulation 442/01	
Electricity Act, 1998	
Regulation 429/04	
Regulation 493/01	
Regulation 494/01	
Ontario Rebate for Electricity Consumers Act, 2016	
Regulation 363/16	
Regulation 364/16	
Electricity Restructuring Act, 2004	
Bill 4, Ontario Energy Board Amendment Act (Electricity pricing), 2003	Bill 4

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