

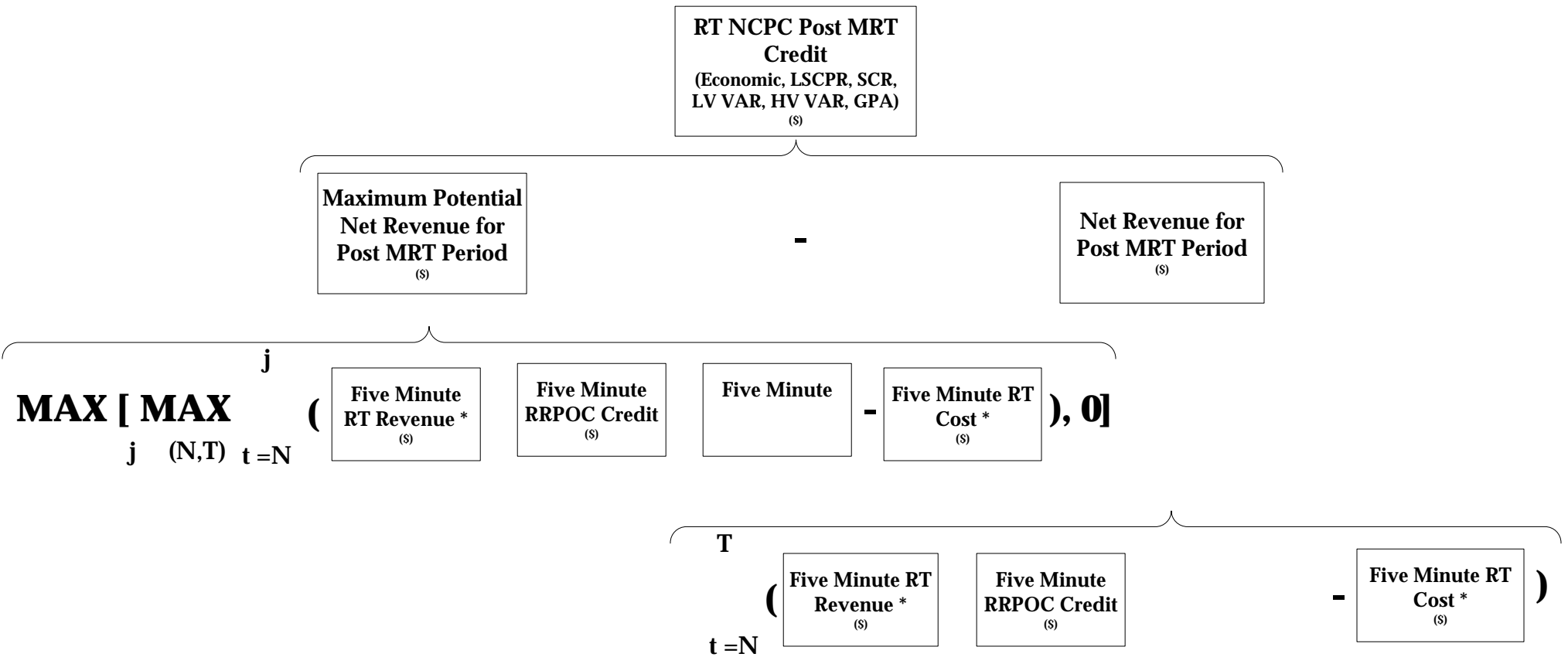
Note: The relevant ISO New England Markets, Services and Transmission Tariff and the relevant Market Manuals, Operating Procedures and Planning Procedures shall govern.

Reference Guide ISO New England Calculation Summary



Note: The relevant ISO New England Markets, Services and Transmission Tariff and the relevant Market Manuals, Operating Procedures and Planning Procedures shall govern.

Credit Calculation for Post MRT Period



Where:

(t, T) = Interval of contiguous five minute intervals contained in the settlement period.

N = Interval after the last interval of the minimum run time.

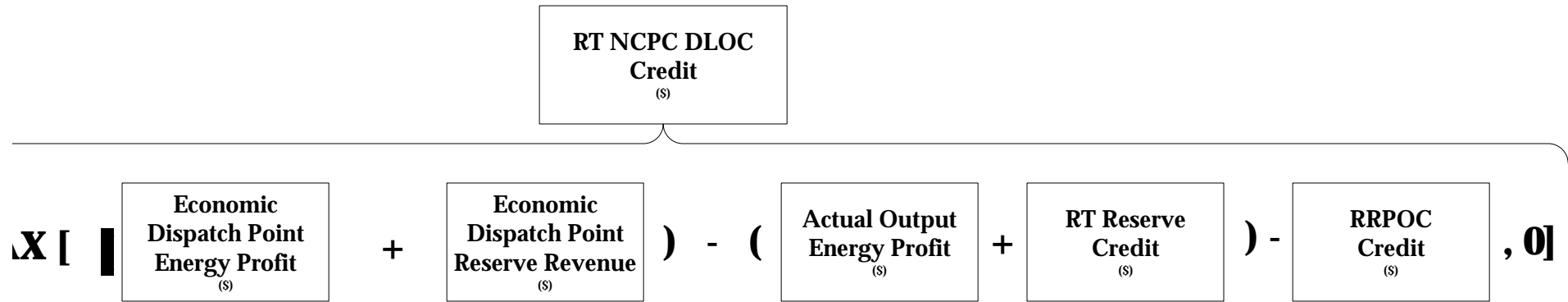
j - Integer for intervals between the interval after the last interval of the minimum run time and the end of the settlement period.

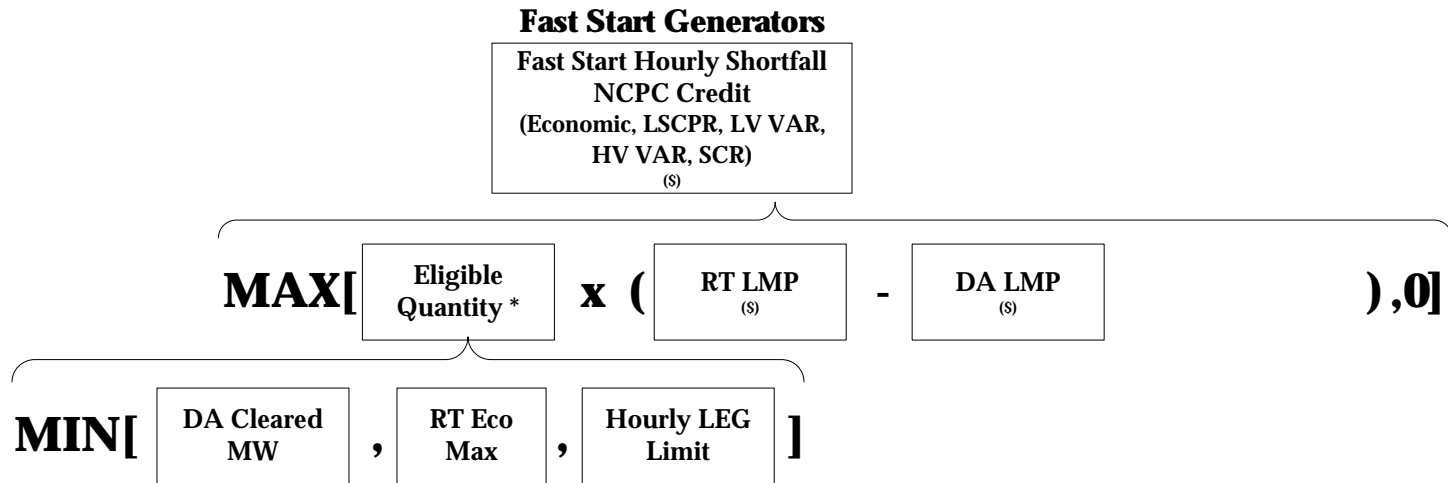
- Is element of

* Five Minute RT Revenue and Five Minute RT Cost calculations are shown on the RT NCPC Generator Commitment OOM MRT Credit calculation summary.

Note: The relevant ISO New England Markets, Services and Transmission Tariff and the relevant Market Manuals, Operating Procedures and Planning Procedures shall govern.

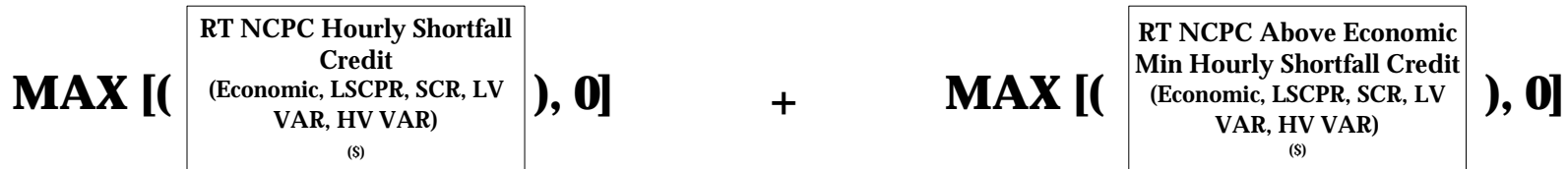
RT NCPC Generator Dispatch OOM Credit



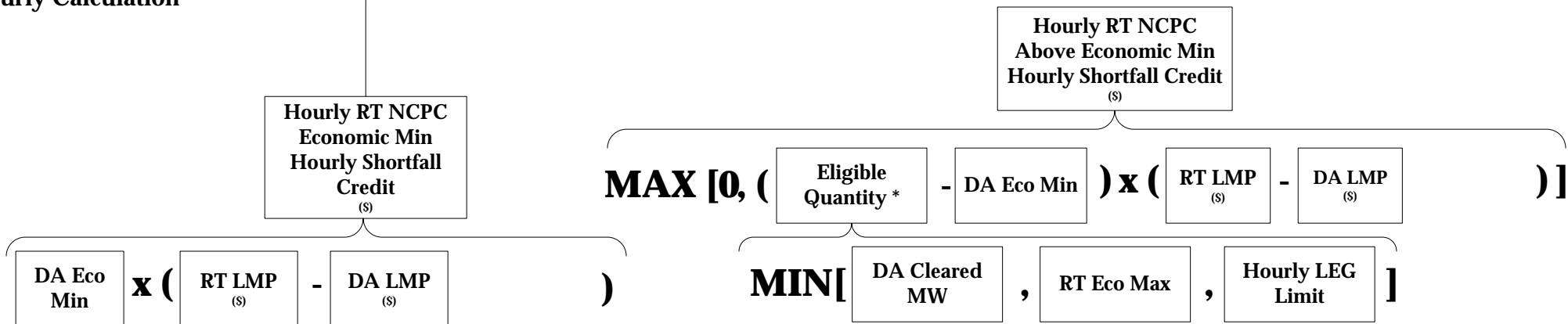


Settlement Period Calculation

Non-Fast Start Generators



Hourly Calculation



* If prices were increased on the RT Effective Offer for Dispatch then the DA Economic Min MW is used for the Eligible Quantity for non-fast start generators, and zero is used for fast start generators.

Settlement Period Calculation

**RT NCPC LEG Generator
Posturing Credit
(Economic, LV VAL.\$2(Bn(**

$$\text{MAX} [(\text{Settlement Period Optimized Output Revenue } (\$) + \text{Estimated Avoided Replacement Cost } (\$)) - (\text{Settlement Period Actual Revenue } (\$) + \text{Actual Avoided Replacement Cost } (\$)), 0]$$

$$\text{Optimized Output Remaining Energy Quantity} + \text{Added Energy (Pumps only)} \times \text{Energy Replacement Price } (\$)$$

$$\text{Actual Remaining Energy Quantity} \times$$

Hourly Calculation



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RT NCPC Non-LEG Generator Posturing Credit ISO New Englan

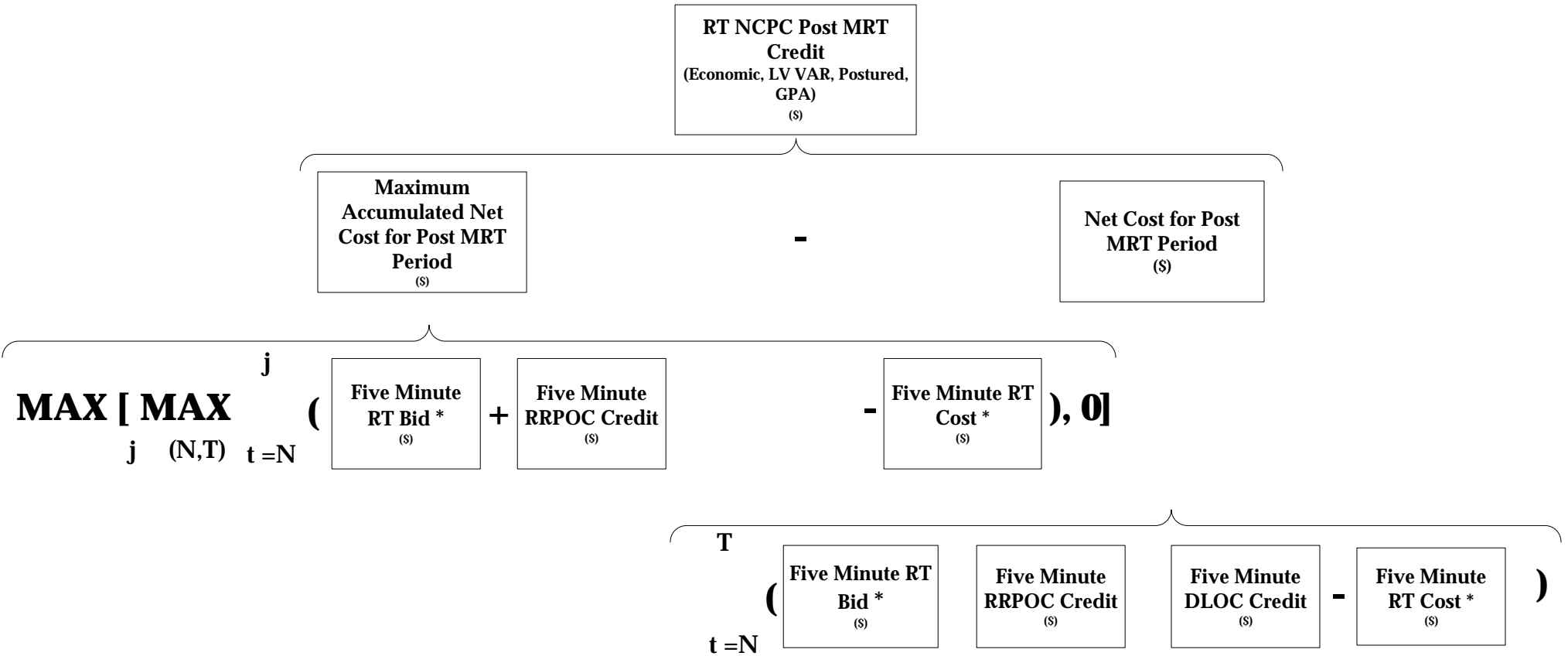
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RT NCPC DARD Commitment OOM MRT Credit ISO New England Calculation Summary

Credit Calculation for Post MRT Period



Where:

(t, T) = Interval of contiguous five minute intervals contained in the settlement period.

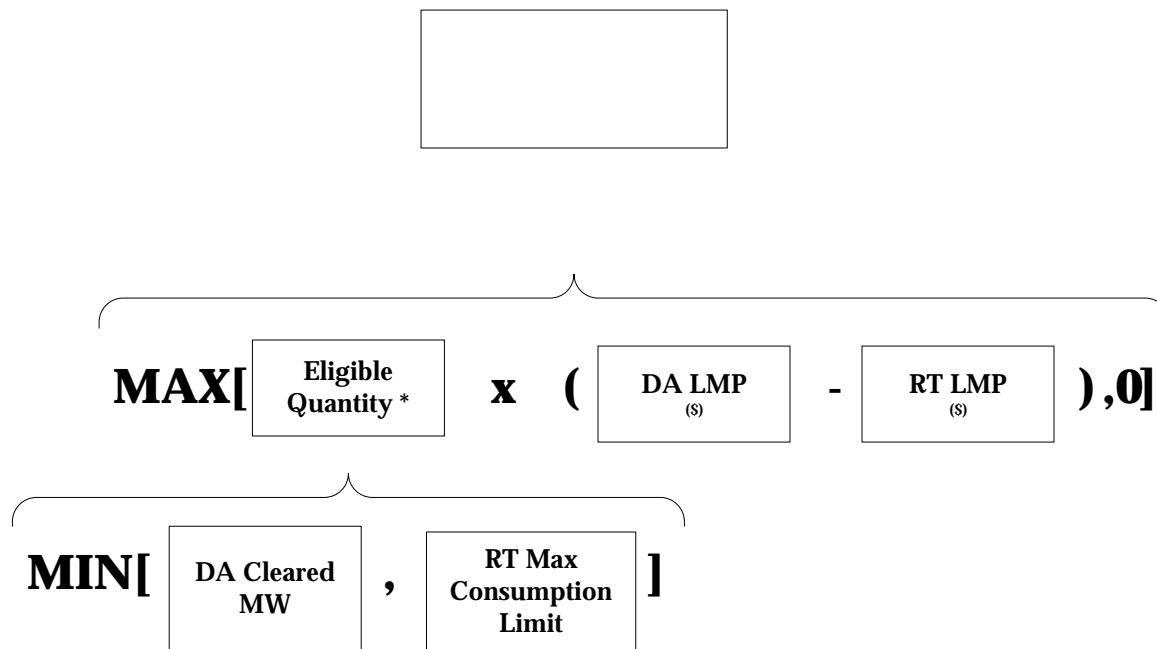
N = Interval after the last interval of the minimum run time.

j – Integer for intervals between the interval after the last interval of the minimum run time and the end of the settlement period.

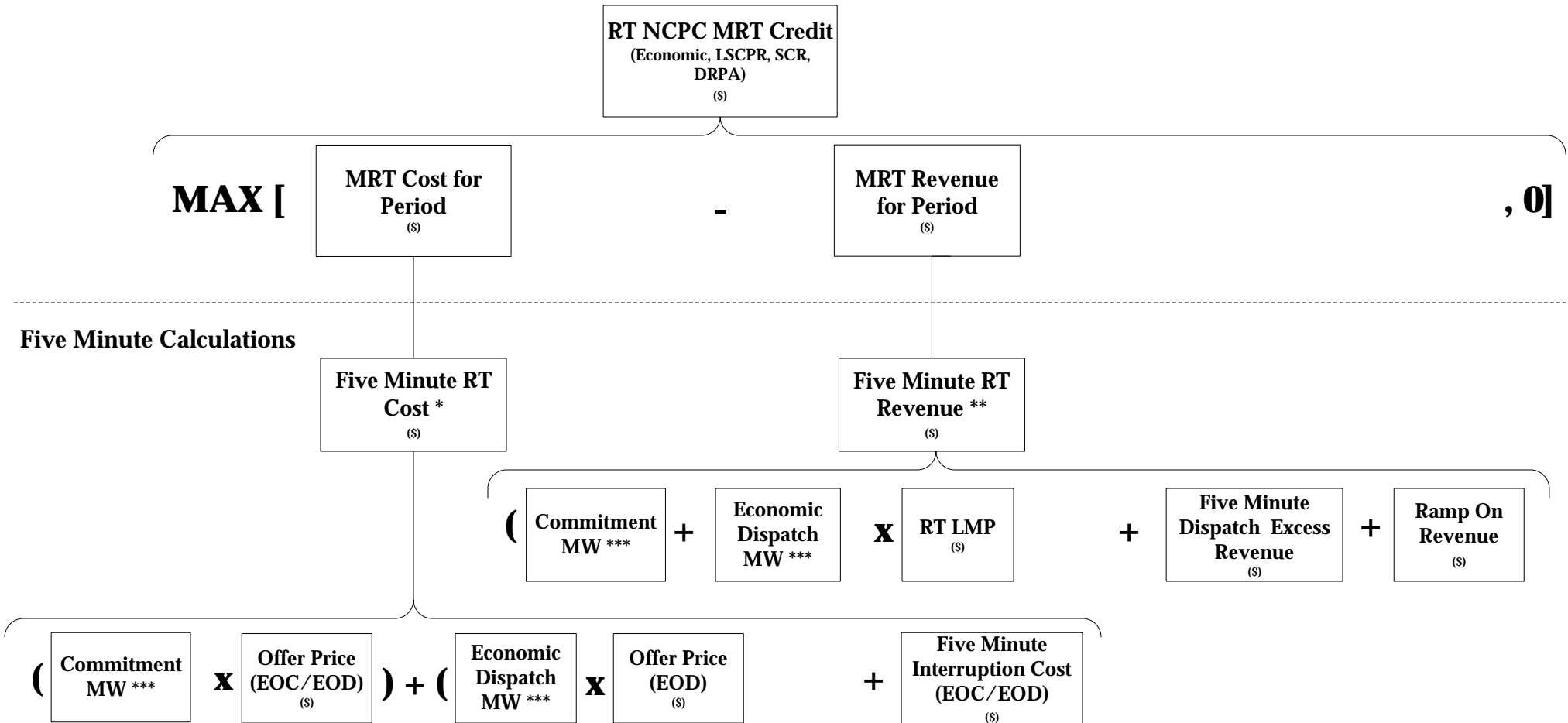
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* Five Minute RT Bid and Five Minute RT Cost calculations are shown on the RT NCPC DARD Commitment OOM MRT Credit calculation summary.

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Credit Calculation for Minimum Run Time (MRT) Period



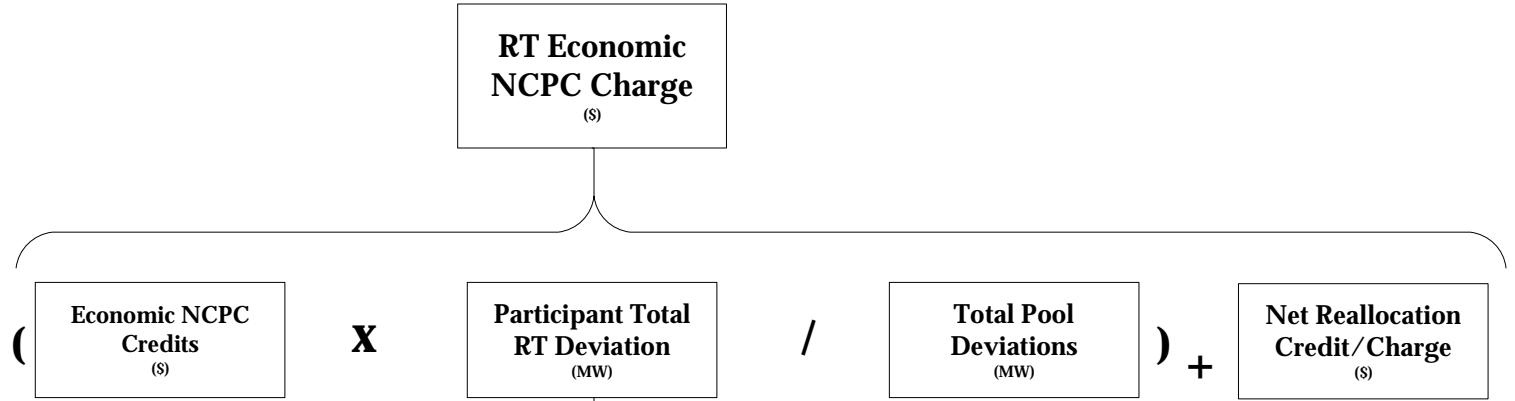
* For any interval that corresponds to a Day-Ahead cleared hour, the Interruption Cost and Energy price parameter for output up to the Resource's Minimum Reduction Limit shall be set to \$0 for the hour.

** For any interval that corresponds to a Day-Ahead cleared hour, the revenue for output up to the Resource's Minimum Reduction Limit shall be set to \$0 for the interval if such revenue is less than \$0.

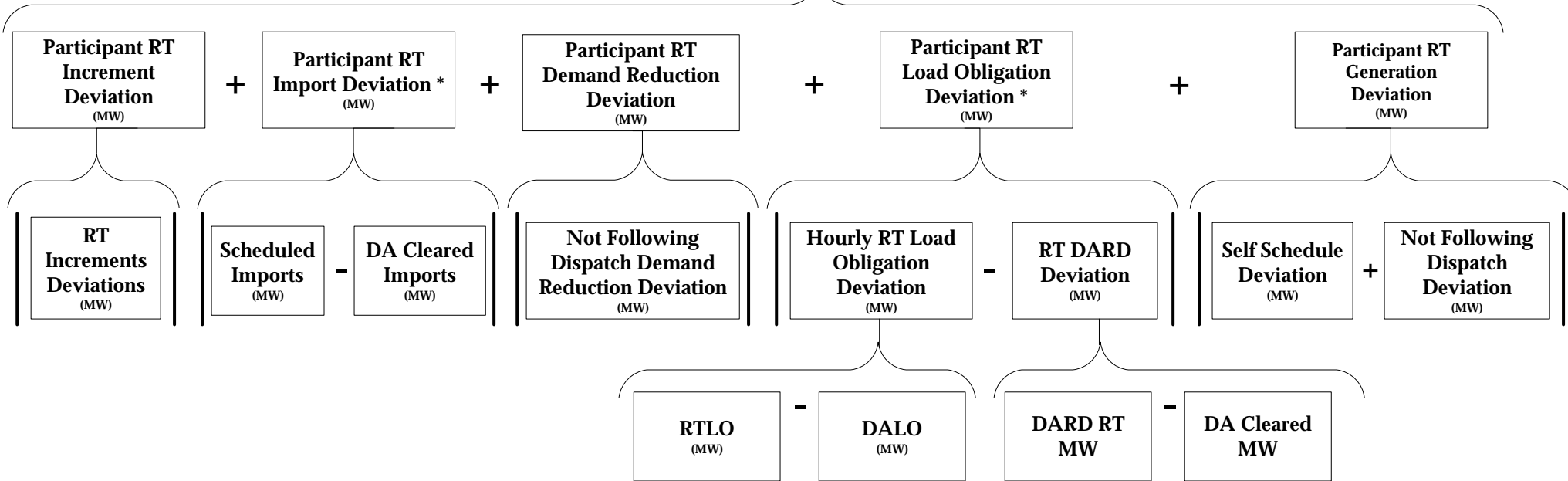
*** The cost/revenue for the portion of MWs that is associated with Demand Reductions will be increased

Note: The relevant ISO New England Markets, Services and Transmission Tariff and the relevant Market Manuals, Operating Procedures and Planning Procedures shall govern.

Daily Calculations



Hourly Calculation



* ISO Curtailed External Transaction and Coordinated External Transactions are excluded from these values

Daily Calculations

**Net Reallocation
Credit/Charge
(S)**

**Daily Reallocation
Credit
(S)**

+

**Daily Reallocation
Charge
(S)**

Hourly Calculation

**Positive Deviation
Reallocation Credit
(S)**

**Hourly RTLO
Reallocation
Charge
(S)**

**(Positive Deviation
MW for
Reallocation
(S) x RT NCPC
Economic Charge
Rate
(S/MW))**

**MIN[Positive Net Load and
Export Deviation for
all Affected Zones
(MW) , Total Participant Positive
Net Load and Export
Deviations for all zones
(MW)]**

**MAX[Net Load and
Export Deviations
(MW) , 0]** **MAX[All Zones Net
Load and Export
Deviations
(MW) , 0]**

Reallocation Flag=Yes

Load Zone Calculation

**Net Load and
Export Deviation
(MW)**

**Export
Deviation
(MW) + Decrement
Deviation
(MW) + Exempt DARD
Deviation
(MW) + RTLO
Deviation
(MW)**

For All Affected Load Zones

**Net Load and
Export RTLO
(MW)**

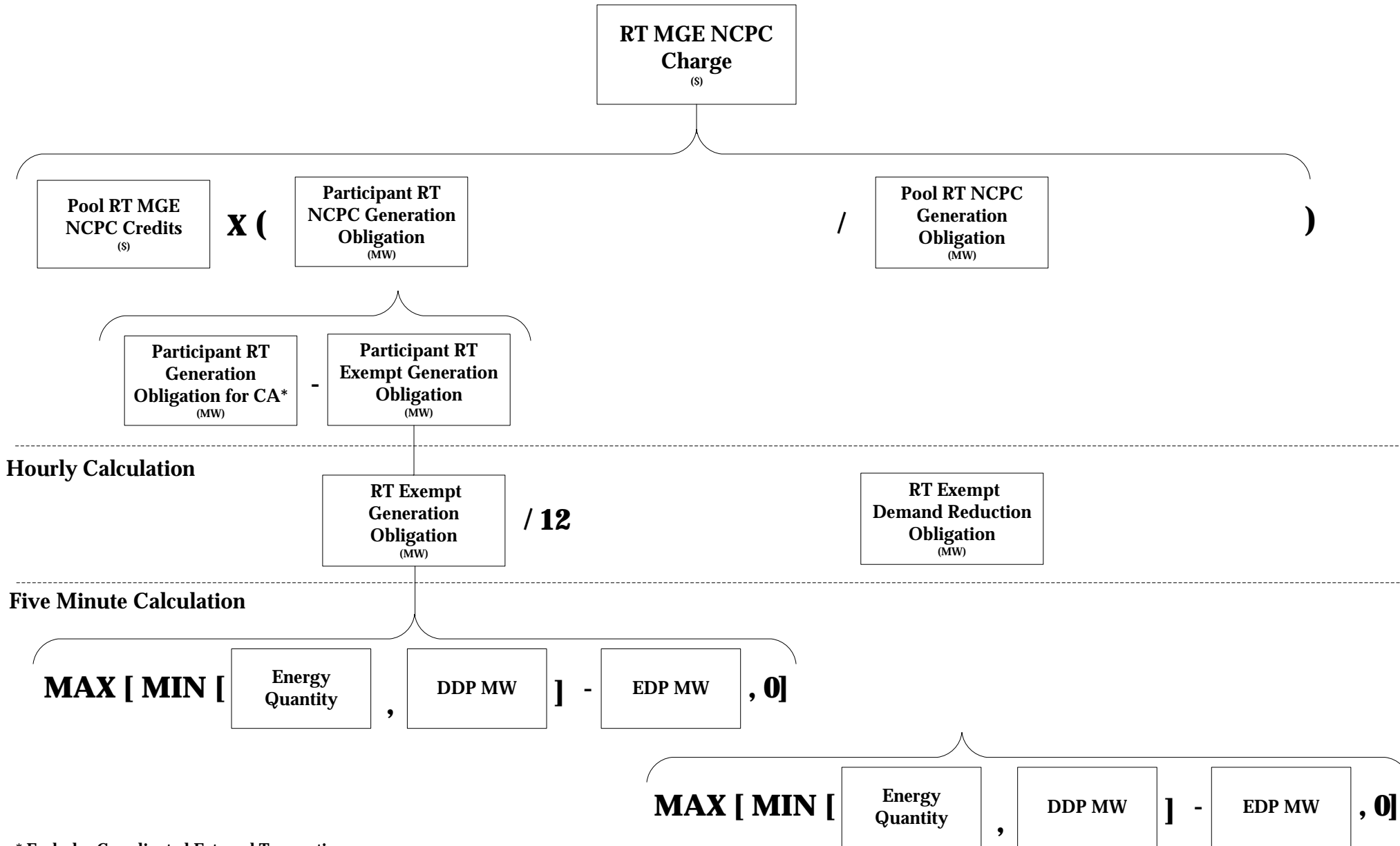
**Export
RTLO
(MW) + Exempt
DARD
RTLO
(MW) + RTLO
(MW)**

Note: The relevant ISO New England Markets, Services and Transmission Tariff and the relevant Market Manuals, Operating Procedures and Planning Procedures shall govern.

RT NCPC LSCPR Charge ISO New England Calculation Summary

RT LSCPR NCPC

Minimum Generation Emergency Period Calculations



* Excludes Coordinated External Transactions

Note: The relevant ISO New England Markets, Services and Transmission Tariff and the relevant Market Manuals, Operating Procedures and Planning Procedures shall govern.

RT NCPC Generator Performance Audit Charges

Note: The relevant ISO New England Markets, Services and Transmission Tariff and the relevant Market Manuals, Operating Procedures and Planning Procedures shall govern.

RT NCPC Economic Posturing Charges ISO New England Calculation Summary

PUBLIC

**Participant RT
Posturing NCPC
Charge**
(S)

Note: The relevant ISO New England Markets, Services and Transmission Tariff and the relevant Market Manuals, Operating Procedures and Planning Procedures shall govern.

RT NCPC Dispatch Lost Opportunity Cost Charges

