

ATTACHMENT D

2.5.20.2 Right to Self Provide.

Each Scheduling Coordinator may choose to self provide all, or a portion, of its Regulation and Reserve obligation in each Zone. The ISO shall schedule self provided Ancillary Services, Day-Ahead and Hour-Ahead, and Dispatch self provided Ancillary Services in real time. To the extent that a Scheduling Coordinator self provides, the ISO shall correspondingly reduce the quantity of the Ancillary Services concerned, which it procures as described in Sections 2.5.14 to 2.5.17. As of the ISO Operations Date, Scheduling Coordinators must self provide the Operating Reserve required to cover Interruptible Imports and on-demand obligations. Where a Scheduling Coordinator's non-self-provided obligation in the Hour-Ahead Market is less than its non-self-provided obligation in the Day-Ahead Market the Scheduling Coordinator will be deemed to sell back the excess to the ISO in the Hour-Ahead Market pursuant to Section

2.5.21. In accordance with Section 2.5.22.11 and Section 2.5.26.2, if a Scheduling Coordinator uses capacity scheduled to self-provide Spinning Reserve, Non-Spinning Reserve, or Replacement Reserve to supply Uninstructed Imbalance Energy to the ISO from a Generating Unit, Curtailable Demand, or System Resource under circumstances that would cause the elimination of payments to the Scheduling Coordinator under Section 2.5.26.2 if the capacity had been bid and was selected by the ISO to supply the Ancillary Service, the Scheduling Coordinator shall pay to the ISO the amount of the payment that would be eliminated under that section.

2.5.22.11 Failure to Conform to Dispatch Instructions. All Scheduling Coordinators, Participating Generators, owners or operators of [Curtailed Demands/Loads](#) and operators of System Resources providing Ancillary Services (whether self provided or procured by the ISO) or whose Supplemental Energy bids have been accepted by the ISO shall be obligated to respond or to secure response to the ISO's Dispatch instructions in accordance with their terms, and to be available and capable of doing so, for the full duration of the Settlement Period. If a Generating Unit, [Curtailed Demand/Load](#) or System Resource is unavailable or incapable of responding to a Dispatch instruction, or fails to respond to a Dispatch instruction in accordance with its terms, the Generating Unit, [Curtailed Demand/Load](#) or System Resource:

- (a) shall be declared and labeled as non-conforming to the ISO's instructions;
- (b) cannot set the Hourly Ex Post Price; and

the Scheduling Coordinator for the Participating Generator, owner or operator of the [Curtailed Demand/Load](#) or System Resource concerned shall pay to the ISO the difference between the Generating Unit's, [Curtailed Demand/Load](#)'s or System Resource's instructed and actual output (or Demand) at the Hourly Ex Post Price in accordance with Section 11.2.4.1. This applies whether the Ancillary Services concerned are contracted or self provided.

The ISO will develop additional mechanisms to deter Generating Units, [Curtailed Demands/Loads](#) and System Resources from failing to perform according to Dispatch instructions, for example reduction in payments to Scheduling Coordinators, or suspension of the Scheduling Coordinator's Ancillary Services certificate for the Generating Unit, [Curtailed Demand/Load](#) or System Resource concerned.

2.5.26 Penalties for Failure to Pass Tests and Rescission of Payment for Non-Delivery.

2.5.26.1 Penalties for Failure to Pass Tests. A Generating Unit, [Curtable DemandLoad](#) or System Resource that fails an availability test, as determined under criteria to be established by the ISO, shall be deemed not to have been available to provide the Ancillary Service concerned or the relevant portion of that Service for the entire period the Generating Unit, [Curtable DemandLoad](#) or System Resource was committed to provide the Service, unless appropriate documentation (i.e., daily test records) confirming the availability of that service during the committed period(s) is presented to the ISO. The “committed period” is defined as the total of all the hours/days [the](#) Generating Unit, [Curtable DemandLoad](#) or System Resource was scheduled by the ISO to provide the Ancillary Service beginning from: (i) the last successful availability test; or (ii) the last time the Generating Unit, [Curtable DemandLoad](#) or System Resource actually provided Energy or reduced Demand as part of the Ancillary Service; whichever results in a shorter committed period. The Scheduling Coordinator for a Generating Unit or [Curtable DemandLoad](#) that fails an availability test shall not be entitled to payment for the Ancillary Service concerned for the committed period and adjustments to reflect this shall be made in the calculation of payments to the Scheduling Coordinator, provided that any such penalty shall be reduced to reflect any adjustment made over the duration of the committed period under Section 2.5.26.2 or 2.5.26.3.

System Units engaged in Literal Self-Provision of Ancillary Services, In-Kind Self-Provision of Ancillary Services, or providing Ancillary Services to the ISO are subject to the same testing, compensation, and penalties as are applied to individual Generating Units engaged in In-Kind Self-Provision or provision of Ancillary Services. To perform testing, the ISO will bias the MSS's MSRE to test the responsiveness of the System Unit.

2.5.26.2 Rescission of Payments for Unavailability. If capacity bid into the ISO's Ancillary Services markets from a Generating Unit, Curtailable Demand or System Resource is unavailable, then payments will be rescinded as described herein. For Self-provided Ancillary Services, the payment obligation shall be equivalent to that which would arise if the Ancillary Services had been bid into each market in which they were scheduled.

2.5.26.2.1 If the ISO determines that a Scheduling Coordinator has supplied Uninstructed Imbalance Energy to the ISO during a Settlement Period from the capacity of a Generating Unit or System Resource that is obligated to supply Spinning Reserve, Non-Spinning Reserve, or Replacement Reserve to the ISO during such Settlement Period, payments to the Scheduling Coordinator representing the Generating Unit or System Resource for the Ancillary Service capacity used to supply Uninstructed Imbalance Energy and for Energy supplied from such capacity shall be eliminated to the extent of the deficiency, except to the extent (i) the deficiency in the availability of Ancillary Service capacity from the Generating Unit or System Resource is attributable to control exercised by the ISO in that Settlement Period through AGC operation, an RMR Dispatch Notice, or dispatch to avoid an intervention in Market operations or to prevent a System Emergency; or (ii) a penalty is imposed under Section 2.5.26.1 with respect to the deficiency.

2.5.26.2.2 If the metered Demand of a Curtailable Demand is insufficient to deliver the full amount of the Non-Spinning and Replacement Reserve to which that Curtailable Demand is obligated in that Settlement Period, then the related capacity payments will be rescinded to the extent of that deficiency as explained in Section 2.5.26.2.4 and 2.5.26.2.5, unless a penalty is imposed on that Curtailable Demand for that Settlement Period under Section 2.5.26.1.

2.5.26.2.3 The payment for Energy to be eliminated shall be determined in accordance with Section 11.2.4.1.

2.5.26.2.4 The payment for Ancillary Service capacity otherwise payable under Section 2.5.27.2, 2.5.27.3, and/or 2.5.27.4 shall be reduced by the product of the applicable prices and the amount of Ancillary Service capacity from which the Generating Unit, Curtailable Demand or System Resource that has supplied Uninstructed Imbalance Energy. If a Scheduling Coordinator schedules Ancillary Services through both the Day-Ahead and Hour-Ahead Markets, capacity payments due the Scheduling Coordinator from each market will be rescinded in proportion to the amount of capacity sold to the ISO in each market. The amount of capacity for which payments will be rescinded shall equal the value $UnavailAncServMW_{ixt}$, as defined in Section 11.2.4.1, applied to each Generating Unit and System Resource supplying the Ancillary Service or the value $UnavailDispLoadMW_{ixt}$, as also defined in Section 11.2.4.1, applied to Curtailable Demand supplying the Ancillary Service.

2.5.26.2.5 Payment shall be eliminated first for any Spinning Reserve capacity for which the Generating Unit, Curtailable Demand or System Resource would otherwise be entitled to payment. If the amount of Ancillary Service capacity from which the Generating Unit or System Resource has supplied Uninstructed Imbalance Energy exceeds the amount of Spinning Reserve capacity for which it would otherwise be entitled to receive payment, payment shall be eliminated for Non-Spinning Reserve capacity, and then for Replacement Reserve capacity, until payment has been withheld for the full amount of Ancillary Service capacity from which the Generating Unit, Curtailable Demand or System Resource supplied Uninstructed Imbalance Energy.

2.5.26.3 **Rescission of Payments When Dispatch Instruction is Not Followed**

If the metered output of a Generating Unit, Load, or System Resource is less than the amount of a dispatch instruction issued in accordance with a bid on Spinning Reserve, Non-Spinning Reserve, or Replacement Reserve in any Settlement Period, then the Ancillary Services capacity payments associated with the difference between the sum of

the total scheduled Spinning Reserve, Non-Spinning Reserve, and Replacement Reserve, and the actual output shall be rescinded. If the metered Demand of a Curtailable Demand in any Settlement Period is greater than its scheduled Demand net of dispatch instructions, then the capacity payments associated with the difference between its total scheduled Non-Spinning and Replacement Reserve, and actual load reduction as represented by the difference between its metered Demand and scheduled Demand, shall be rescinded. If the Generating Unit, Curtailable Demand or System Resource is scheduled to provide more than one Ancillary Service in the Settlement Period, then the actual output will be attributed to each in proportion to the dispatch instructions issued by the ISO, and the capacity payments associated with the balance of each Ancillary Service shall be rescinded. If the same Ancillary Service is scheduled in both the Day Ahead and Hour Ahead Markets, then payments shall be rescinded in proportion to the amount of each Ancillary Service scheduled in each market.

2.5.26.4 Penalties applied pursuant to Section 2.5.26.1, and payments rescinded pursuant to Section 2.5.26.2 and 2.5.26.3, shall be redistributed to Scheduling Coordinators in proportion to ISO Control Area metered Demand and scheduled exports for the same Trading Day.

2.5.27 Settlements For Contracted Ancillary Services.

Based on the prices and quantities determined in accordance with this Section, the ISO shall operate a daily Settlement function for Ancillary Services it contracts for with Scheduling Coordinators.

The ISO shall calculate imbalances between scheduled, instructed and actual quantities of Energy provided based upon Meter Data obtained pursuant to Section 10. Schedules between Control Areas shall be deemed as being delivered in accordance with Good Utility Practice. The difference between actual and scheduled interchange shall then be addressed in accordance with the WSCC and NERC inadvertent interchange practices

and procedures. Following this practice, all dynamic schedules for Ancillary Services provided to the ISO by other Control Areas shall be deemed delivered to the ISO. The difference between the Energy requested by the ISO and that actually delivered by the other Control Area shall then be accounted for and addressed through the WSCC and NERC inadvertent interchange practices and procedures.

Separate payments shall be calculated for each Settlement Period t for each Generating Unit and [Curtailable Demand](#)~~Load~~. The ISO shall then calculate a total daily payment for each Scheduling Coordinator for all the Generating Units, [System Units](#), [System Resources](#), and [Curtailable Demands](#)~~Loads and Load~~ that it represents for each Settlement Period t .

The settlements for the Hour-Ahead markets shall be calculated by substituting Hour-Ahead prices in the relevant formulae and deducting any amounts due to the ISO from Scheduling Coordinators who buy back in the Hour-Ahead Market Regulation, Spinning Reserve, Non-Spinning Reserve or Replacement Reserve capacity they sold to the ISO in the Day-Ahead Market.

2.5.27.1 Regulation.

Quantities. The following quantity definitions shall be used for each Scheduling Coordinator in the settlement process:

$AGCQDA_{xt}$ = the Scheduling Coordinator's total quantity of Regulation capacity in Zone X sold through the ISO auction, and scheduled Day-Ahead j for Settlement Period t .

$EnQInst_{xt}$ = instructed Energy increase or decrease in Zone X in real time Dispatch for Settlement Period t , determined in accordance with the ISO Protocols.

Prices. The prices in the Settlement process for Regulation shall be those determined in Section 2.5.14.

Adjustment Penalty: penalty described in Section 2.5.26.1.

$PAGCDA_{xt}$ = the market clearing price, PAGC, in Zone X for Regulation capacity in the Day-Ahead market for Settlement Period t .

Payments. Scheduling Coordinators for Generating Units providing Regulation capacity through the ISO auction shall receive the following payments for Regulation:

$$AGCPay_{xt} = AGCQDA_{xt} * PAGCDA_{xt} - \text{AdjustmentPenalty}$$

Scheduling Coordinators for Generating Units shall receive the following payment for Energy output from Regulation:

$$EnQInst_{xt} * \text{Hourly Ex Post Price in Zone X}$$

2.5.27.2 Spinning Reserve.

Quantities. The following quantity definitions shall be used for each Scheduling Coordinator in the Settlement process:

$SpinQDA_{xt}$ = the Scheduling Coordinator's total quantity of Spinning Reserve capacity in Zone X sold through the ISO auction, and scheduled Day-Ahead for Settlement Period t.

$EnQInst_{xt}$ = instructed Energy output in Zone X in real time Dispatch for Settlement Period t, determined in accordance with the ISO protocols.

Prices. The prices in the Settlement process for Spinning Reserve shall be those determined in Section 2.5.15.

AdjustmentPenalty = penalty described in Section 2.5.26.1, or rescinded capacity payments described in Section 2.5.26.2, or 2.5.26.3.

$PspDA_{xt}$ = market clearing price, Psp, in Zone X for Spinning Reserve capacity in the Day-Ahead Market for Settlement Period t.

Payments. Scheduling Coordinators for Generating Units providing Spinning Reserve capacity through the ISO auction shall receive the following payments for Spinning Reserve capacity:

$$SpinPay_{xt} = SpinQDA_{xt} * PspDA_{xt} - \text{Adjustment}$$

Scheduling Coordinators for Generating Units shall receive the following payments for Energy output from Spinning Reserve capacity:

$$EnQInst_{xt} * \text{Hourly Ex Post Price}_{xt}$$

2.5.27.3 Non-Spinning Reserve.

Quantities. The following quantity definitions shall be used for each Scheduling Coordinator in the settlement process:

$NonSpinQDA_{xt}$ = the Scheduling Coordinator's total Quantity of Non-Spinning Reserve capacity in Zone X sold through the ISO's auction and scheduled Day-Ahead for Settlement Period t .

$EnQInst_{xt}$ = instructed Energy output or Demand reduction in Zone X in real time Dispatch for Settlement Period t , determined in accordance with the ISO protocols.

Prices. The prices in the Settlement process for Non-Spinning Reserve shall be those determined in Section 2.5.16.

$AdjustmentPenalty$ = penalty described in section 2.5.26.1, or rescinded capacity payments described in Section 2.5.26.2, or 2.5.26.3.

$PnonspDA_{xt}$ = market clearing price, $Pnonsp$, in Zone X for Non-Spinning Reserve capacity in the Day-Ahead Market for Settlement Period t .

Payments. Scheduling Coordinators for Generating Units or Loads supplying Non-Spinning Reserve capacity through the ISO auction shall be paid the following for the Non-Spinning Reserve capacity:

$NonspPay_{xt} = NonSpinQDA_{xt} * PnonspDA_{xt} - Adjustmentpenalty$

Scheduling Coordinators for Generating Units or Loads shall receive the following payments for Energy output from Non-Spinning Reserve capacity:

$EnQInst_{xt} * Hourly Ex Post Price_{xt}$

2.5.27.4 Replacement Reserve.

Quantities. The following quantity definitions shall be used for each Scheduling Coordinator in the settlement process:

$RepResQDA_{xt}$ = the Scheduling Coordinator's total quantity of Replacement Reserve capacity in Zone X sold through the ISO auction, and scheduled Day-Ahead for Settlement Period t.

$EnQInst_{xt}$ = instructed Energy output or Demand reduction in Zone X in real time Dispatch for Settlement Period t, determined in accordance with the ISO protocols.

Prices. The prices in the settlement process for Replacement Reserve shall be those determined in section 2.5.17.

AdjustmentPenalty = penalty described in section 2.5.26.1, or rescinded capacity payments described in Section 2.5.26.2 or 2.5.26.3.

$PRepResDA_{xt}$ = market clearing price, PRepRes, in Zone X for Replacement Reserve capacity in the Day-Ahead Market for Settlement Period t.

Payments. Scheduling Coordinators for Generating Units or Loads providing Replacement Reserve capacity through the ISO auction shall receive the following payments for the Replacement Reserve capacity:

$RepResPay_{ijt} = (RepResQDA_{xt} -) * PRepResDA_{xt} - Adjustment$

The payments for Energy output from Replacement Reserve capacity are calculated as follows:

$EnQInst_{ijt} * Hourly Ex Post Price_{xt}$

2.5.27.5 Voltage Support. The total payments for each Scheduling Coordinator shall be the sum of the short-term procurement payments, based on opportunity cost, as described in Section 2.5.18, and the payments under long term contracts.

2.5.27.6 Black Start.

Quantities. The following quantities shall be used in the Settlement process:

$EnQBS_{ijt}$ = Energy output from Black Start made by Generating Unit i from Scheduling Coordinator j (or Black Start Generator j, as the case may be) for Settlement Period t, pursuant to the ISO's order to produce.

Prices. The prices used in the Settlement process are those described in the contracts referred to in section 2.5.19.

AdjustmentPenalty = penalty described in section 2.5.26.1.

Payments.

Scheduling Coordinators for owners of Reliability Must-Run Units (or Black Start Generators, as the case may be) shall receive the following payments for Energy output from Black Start facilities:

$$BSEN_{ijt} = (EnQBS_{ijt} * EnBid_{ijt}) + BSSUP_{ij} - \textit{Adjustment}$$

where BSSUP_{ijt} is the start-up payment for a Black Start successfully made by Generating Unit i of Scheduling Coordinator j (or Black Start Generator j) in Trading Interval t calculated in accordance with the applicable Reliability Must-Run Contract (or the Interim Black Start agreement as the case may be).

23. Temporary Changes to the Real-Time Market for Imbalance Energy

NOTE: MATERIAL SHOWN AS DELETED IN THE TARIFF SHEETS FOR SECTION 23.2.1 HAS BEEN OMITTED

23.2.1 Amendments to the Body of the ISO Tariff

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11.2.4.1 Net Settlements for Uninstructed Imbalance Energy.

Uninstructed Imbalance Energy attributable to each Scheduling Coordinator in each Settlement Period in the relevant Zone shall be deemed to be sold or purchased, as the case may be, by the ISO and payments for Uninstructed Imbalance Energy shall be settled by debiting or crediting, as the case may be, the Scheduling Coordinator with an amount for each Settlement Period equal to:

IE Charge =

$$\left(\sum_i GenDev_i - \sum_i LoadDev_i \right) * P + \left(\sum_q ImpDev_q \right) * P - \left(\sum_q ExpDev_q \right) * P + UFEC$$

where:

The deviation between scheduled and actual Energy Generation for Generator i represented by the Scheduling Coordinator for the Settlement Period is calculated as follows:

$$GenDev_i = G_s * GMM_f - \left[(G_a - G_{adj}) * GMM_{ah} - G_{a/s} \right] - \underline{UnavailAncServMW_{i,t}}$$

The deviation between scheduled and actual Load consumption for Load i represented by the Scheduling Coordinator for the Settlement Period is calculated as follows:

$$LoadDev_i = L_s - \left[(L_a - L_{adj}) + L_{a/s} \right] - \underline{UnavailDispLoadMW_{i,t}}$$

The deviation between forward, scheduled and Real Time adjustments to Energy imports,

adjusted for losses, for Scheduling Point q represented by the Scheduling Coordinator for the Settlement Period is calculated as follows:

$$ImpDev_q = I_s * GMM_{fq} - \left[(I_a - I_{adj}) * GMM_{ahq} \right] + I_{a/s}$$

The deviation between forward, scheduled and Real Time adjustments to Energy exports for Scheduling Point q represented by the Scheduling Coordinator for the Settlement Period is calculated as follows:

$$ExpDev_q = E_s - E_a - E_{adj}$$

and where:

G_s = sum of effective schedules for Day-Ahead and Hour-Ahead

GMM_f = estimated GMM for Day-Ahead

G_a = actual metered Generation

G_{adj} = deviations in real time ordered by the ISO for purposes such as Congestion Management

GMM_{ah} = hour-ahead GMM (proxy for ex-post GMM)

G_{a/s} = Energy generated from Ancillary Service resource or Supplemental Energy resource due to ISO dispatch instruction

L_s = sum of Demand scheduled for Day-Ahead and Hour-Ahead

L_a = actual metered Demand

L_{adj} = Demand deviation in real time ordered by ISO for

purposes such as Congestion Management

$L_{a/s}$ = Demand reduction from Ancillary Service resource due to ISO dispatch instruction

GMM_{fq} = estimated GMM for an Energy import at Scheduling Point q for Day-Ahead

GMM_{ahq} = estimated GMM for an Energy import at Scheduling Point q for Hour-Ahead (proxy for ex-post GMM)

I_s = sum of Scheduled Energy import scheduled through Scheduling Point q for Day-Ahead and Hour-Ahead

I_a = sum of actual Energy import scheduled through Scheduling Point q.

I_{adj} = deviation in real time import ordered by ISO for purposes such as Congestion Management, and import curtailment.

$I_{a/s}$ = Energy generated from Ancillary Service System Resources pursuant to Existing Contracts or Supplemental Energy from interties due to dispatch instruction

E_s = sum of scheduled Energy export scheduled through Scheduled Point q for Day-Ahead and Hour-Ahead

E_a = sum of actual Energy export scheduled through Scheduling Point q for Day-Ahead and Hour-Ahead

E_{adj} = deviation in real time export ordered by ISO for purposes such as Congestion Management, and export curtailment

P = Hourly Ex Post Price for Uninstructed Imbalance Energy for the relevant hour, as defined in Section 2.5.23.2.2

$$\text{UnavailAncServMW}_{i,t} = \text{Min}[0, P_{\text{Max},i} - G_a - (G_{i,\text{oblig}} - G_{a/s})]$$

$G_{i,\text{oblig}}$ = the amount of Spinning Reserve, the amount of Non-Spinning Reserve, and the amount of Replacement Reserve that Generating Unit or System Resource i has been selected to supply to the ISO, as reflected in final Ancillary Services Schedules.

$P_{\text{Max},i}$ = the maximum capability (in MW) at which Energy and Ancillary Services may be scheduled from the Generating Unit or System Resource i .

$$\text{UnavailDispLoadMW}_{i,t} = \text{Max}[0, (L_{i,\text{oblig}} - L_{a/s}) - L_a]$$

$L_{i,\text{oblig}}$ = the amount of Non-Spinning Reserve and Replacement Reserve that dispatchable Load i has been selected to supply to the ISO, as reflected in final Ancillary Services schedules for Settlement Period t .

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SETTLEMENT AND BILLING PROTOCOL

APPENDIX D

IMBALANCE ENERGY CHARGE COMPUTATION

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D 2 Fundamental formulae

D 2.1 Imbalance Energy Charges on Scheduling Coordinators

The Imbalance Energy charge for Trading Interval t for Scheduling Coordinator j for Zone x is calculated using the following formula:

$$IEC_j = \left(\sum_i GenDev_i - \sum_i LoadDev_i \right) * P_{xt} + \left(\sum_q ImpDev_q \right) * P_{xt} - \left(\sum_q ExpDev_q \right) * P_{xt} + UFEC_j$$

The deviation between scheduled and actual Energy Generation for Generator i represented by Scheduling Coordinator j in Zone x during Trading Interval t is calculated as follows:

$$GenDev_i = G_s * GMM_f - [(G_a - G_{adj}) * GMM_{ah} - G_{a/s}] - \underline{UnavailAncServMW}_{ixt}$$

Where:

$$\underline{UnavailAncServMW}_{ixt} = \underline{\text{Min}[0, PMax_i - G_a - (G_{i, oblig} - G_{a/s})]}$$

The deviation between scheduled and actual Load consumption for Load i represented by Scheduling Coordinator j in Zone x during Trading Interval t is calculated as follows:

$$LoadDev_i = L_s - [(L_a - L_{adj}) + L_{a/s}] - \underline{UnavailDispLoadMW}_{ixt}$$

Where:

$$\underline{UnavailDispLoadMW}_{ixt} = \underline{\text{Max}[0, (L_{i, oblig} - L_{a/s}) - L_a]}$$

The deviation between forward scheduled and Real Time adjustments to Energy imports¹, adjusted for losses, for Scheduling Point q represented by Scheduling Coordinator j into zone x during Trading Interval t is calculated as follows:

$$ImpDev_q = I_s * GMM_{fq} - [(I_a - I_{adj}) * GMM_{ahq}] + I_{a/s}$$

¹ Note that this deviation is a difference between a forward Market value and a Real Time value. It is not inadvertent energy.

The deviation between forward scheduled and Real Time adjustments to Energy exports² for Scheduling Point q represented by Scheduling Coordinator j from Zone x during Trading Interval t is calculated as follows:

$$ExpDev_q = E_s - E_a - E_{adj}$$

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D 3.38 G_{i,oblig}

The amount of Spinning Reserve, the amount of Non-Spinning Reserve, and the amount of Replacement Reserve that Generating Unit or System Resource i has been selected to supply to the ISO, as reflected in final Ancillary Services Schedules.

D 3.39 PMax_i

The maximum capability (in MW) at which Energy and Ancillary Services may be scheduled from the Generating Unit or System Resource i.

D 3.40 L_{i,oblig}

The amount of Non-Spinning Reserve and Replacement Reserve that dispatchable Load i has been selected to supply to the ISO as reflected in final Ancillary Services schedules for Settlement Period t.

² Note that this deviation is a difference between a forward Market value and a Real Time value. It is not inadvertent energy.