## Real-time Ancillary Service Imbalance Revenue Neutrality Allocation (Effective Date 6/1/2014)

**Description**

The total cost for Ancillary Service Imbalance payments and charges associated with ORDC and reliability deployments is allocated to the QSEs representing Load based on Load Ratio Share (LRS). The Real-Time Ancillary Service imbalance revenue neutrality allocations to each QSE for a given 15-minute Settlement Interval is calculated as follows:

**Calculations**

Calculate the Real-Time Ancillary Service Imbalance Amount by QSE and 15-minute Settlement Interval for the Operating Day

= (-1) \* [( + ) \* ]

**$**

**Load-Allocated Ancillary service Imbalance Revenue Neutrality per QSE**

**(LAASIRNAMT q)**

**$**

**Real-Time Ancillary Service Imbalance Market Total Amount**

**(RTASIAMTTOT)**

**$**

**Real-Time RUC Ancillary Service Reserve Market Total Amount**

**(RTRUCRSVAMTTOT)**

**%**

**THE LRS Calculated for QSE per Interval**

**(LRSq)**

Calculate the Real-Time Ancillary Service Imbalance Amount Total for the operating day by summing up the Real-Time Ancillary Service Amounts from all QSEs.

= ∑q

**$**

**Real Time Ancillary Service Imbalance Amount Per QSE (RTASIAMTq)**

**$**

**Real-Time Ancillary Service Imbalance Market Total Amount**

**(RTASIAMTTOT)**

Calculate the Real-Time RUC Ancillary Service Reserve Market Total Amount for the operating day by summing up the Real-Time RUC Ancillary Service Reserve Market Amounts from all QSEs.

**$**

**Real-Time RUC Ancillary Service Reserve Market Total Amount**

**(RTRUCRSVAMTOT)**

= ∑q

**$**

**Real Time RUC Ancillary Service Reserve Amount Per QSE (RTRUCRSVAMTq)**

| Variable | Unit | Definition | Interval Frequency | Source | Shadow-able |
| --- | --- | --- | --- | --- | --- |
| LAASIRNAMT *q* | $ | *Load-Allocated Ancillary Service Imbalance Revenue Neutrality Amount per QSE*—The QSE *q*’s share of the total Real-Time Ancillary Service imbalance revenue neutrality amount associated with ORDC for the 15-minute Settlement Interval. | 4/hour | Calculated | Yes |
| RTASIAMTTOT | $ | *Real-Time Ancillary Service Imbalance Market Total Amount*—The total payment or charge to all QSEs for the Real-Time Ancillary Service imbalance associated with ORDC for each 15-minute Settlement Interval. | 4/hour | ERCOT | No |
| RTASIAMT *q* | $ | *Real-Time Ancillary Service Imbalance Amount*—The total payment or charge to QSE *q* for the Real-Time Ancillary Service imbalance associated with ORDC for each 15-minute Settlement Interval. | 4/hour | ERCOT | No |
| RTRUCRSVAMTTOT | $ | *Real-Time RUC Ancillary Service Reserve Market Total Amount*—The total payment to all QSEs for the Real-Time RUC Ancillary Service reserve payments associated with ORDC for each 15-minute Settlement Interval. | 4/hour | ERCOT | No |
| RTRUCRSVAMT *q* | $ | *Real-Time RUC Ancillary Service Reserve Amount*—The total payment to QSE *q* for the Real-Time RUC Ancillary Service reserve payment associated with ORDC for each 15-minute Settlement Interval. | 4/hour | ERCOT | No |
| LRS *q* | none | The LRS calculated for QSE *q* for the 15-minute Settlement Interval. See Section 6.6.2.2, QSE Load Ratio Share for a 15-Minute Settlement Interval. | 4/hour | Calculated | Yes |
| *q* | none | A QSE. |  |  |  |