## Load-Allocated Reliability Deployment Ancillary Service Imbalance Revenue Neutrality Amount (Effective Date 6/25/2015)

**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 are calculated as follows:

**Calculations**

Calculate the Load-Allocated Reliability Deployment Ancillary Service Imbalance Revenue Neutrality Amount by QSE and 15-minute Settlement Interval for the Operating Day

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

**%**

**THE LRS Calculated for QSE per Interval**

**(LRSq)**

**$**

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

**(RTRDASIAMTTOT)**

**$**

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

**(RTRDRUCRSVAMTTOT)**

**$**

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

**(LARDASIRNAMT q)**

Where:

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

= ∑q

**$**

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

**$**

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

**(RTRDASIAMTTOT)**

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

**$**

**Real-Time Reliability Deployment RUC Ancillary Service Reserve Amount Per QSE**

**(RTDRUCRSVAMTTOTq**)

**$**

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

**(RTRDRUCRSVAMTOT)**

= ∑q

| Variable | Unit | Definition | Interval Frequency | Source | Shadow-able |
| --- | --- | --- | --- | --- | --- |
| LARDASIRNAMT *q* | $ | *Load-Allocated Reliability Deployment 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 Reliability Deployments for the 15-minute Settlement Interval. | *4/hour* | *Calculated* | *Yes* |
| RTRDASIAMTTOT | $ | *Real-Time Reliability Deployment Ancillary Service Imbalance Market Total Amount*—The total payment or charge to all QSEs for the Real-Time Ancillary Service imbalance associated with Reliability Deployments for each 15-minute Settlement Interval. | 4/hour | ERCOT | No |
| RTRDASIAMT *q* | $ | *Real-Time Reliability Deployment Ancillary Service Imbalance Amount*—The total payment or charge to QSE *q* for the Real-Time Ancillary Service imbalance associated with Reliability Deployments for each 15-minute Settlement Interval. | 4/hour | ERCOT | No |
| RTRDRUCRSVAMTTOT | $ | *Real-Time Reliability Deployment RUC Ancillary Service Reserve Market Total Amount*—The total payment |to all QSEs for the Real-Time RUC Ancillary Service Reserve payment as a result of Reliability Deployments for each 15-minute Settlement Interval. | 4/hour | ERCOT | No |
| RTRDRUCRSVAMT *q* | $ | *Real-Time Reliability Deployment RUC Ancillary Service Reserve Amount*—The total payment |to QSE *q* for the Real-Time RUC Ancillary Service Reserve payment as a result of Reliability Deployments 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. |  |  |  |