

Reliability Must Run – DSS Settlements Corporate Reports and Universe Updates

Stacia Wilcox

Billing and Accounting and Credit Working Group

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Agenda

- **Reliability Must Run**
- **RMR Compensation**
- **New Billing Codes**
- **Next Steps**
- **Appendix**
 - **Daily Reconciliation and Invoice Detail Updates
(06/22/18 BAWG slides)**

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Reliability Must Run (RMR)

- **FERC Order Instituting Section 206 Proceeding and Directing Filing to Establish Reliability Must Run Tariff Provisions**
 - FERC directed the NYISO to submit tariff revisions governing the retention of, and compensation to, generating units needed for reliability, including procedures for designating such resources, the rates, terms, and conditions for reliability must run (RMR) service, provisions for the allocation of costs of RMR service, and a *pro forma* agreement for RMR service.

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RMR Compensation

- **Payments to the RMR Generator (including payments to an Interim Service Provider)**
- **RMR Generator cost allocated to the beneficiary loads i.e. RMR LSEs**
- **New Billing Codes for RMR Generators and RMR LSEs**
- **Deployment of new functionality planned for October 2018**

New RMR Settlements

- RMR Generator Avoidable Cost Adjustment
- RMR Generator Variable Cost Adjustment
- RMR LSE Avoidable Cost Allocation
- RMR LSE Variable Cost Allocation
- Manual Invoice Adjustments for Availability and Performance Incentives

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Updates to Daily Customer Statement File

- **Power Suppliers section**
 - 332 RMR Generator Avoidable Cost Adjustment (\$)
 - 333 RMR Generator Variable Cost Adjustment (\$)
- **Ancillary Services section**
 - 848 RMR LSE Avoidable Cost Allocation (\$)
 - 849 RMR LSE Variable Cost Allocation (\$)
- There are no updates to the Hourly Customer Statement File

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Updates to DSS Corporate Reports

Within the Customer Settlements Documents folder and subfolders as represented below:

- **1 Settlement Summary Documents**
 - FIP to Initial Invoice Report
 - Monthly Invoice Version History Report
- **Settlement Results**
 - Settlement Results Report (LSE Summary)
 - Settlement Results Report (PS Summary)
 - Settlement Results Report (Summary)

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Updates to DSS Corporate Reports

- **Settlement Version Comparison**
 - Monthly Settlement Version Comparison Report (LSE Summary)
 - Monthly Settlement Version Comparison Report (PS Summary)
 - Monthly Settlement Version Comparison Report (Summary)
- **2 Power Supplier Settlement Documents**
 - *New Report:* Settlement Details – Power Supplier – Reliability Must Run
- **3 Load Serving Entity Settlement Documents**
 - *New Report:* Settlement Details – Load Serving Entity– Reliability Must Run
- **9 Invoice Support**
 - Settlement Details – Invoice Detail Report

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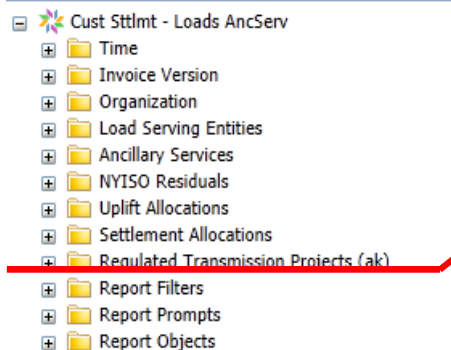
Updates to DSS Customer Settlement Universes

The following DSS Customer Settlement Universes will be updated to allow for custom reporting:

- Loads - AncServ
- Power Suppliers
- ***New Universe***. LSE Reliability Must Run

Updates to Loads AncServ

- A new folder will be added for RMR



-- Cust Sttlmt - Loads AncServ (universe level)
-- Regulated Transmission Projects (folder)

-- Reliability Must Run (folder)

-- Interval Day-Version
-- Invoice Version Number
-- Interval Start Day (Eastern)

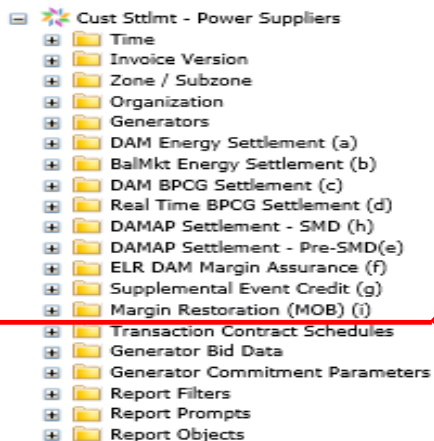
-- Daily (folder)
-- Settlement Results (folder)
-- Day RMR Avoidable Cost Allocation Sttlmnt: LSE (\$)
-- Day RMR Variable Cost Allocation Sttlmnt: LSE (\$)

-- Report Filters (folder)

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Updates to Power Suppliers

- A new folder will be added for RMR



- Cust Stlmt – Power Suppliers (universe level)
 - Margin Restoration (MOB) (folder)
 - Reliability Must Run (folder)
 - Interval Day-Version
 - Invoice Version Number
 - Interval Start Day (Eastern)
 - Interval Start Hour (Eastern)
 - Interval Start Date/Time (Eastern)
 - RMR Agreement Contract ID
 - SubContract Start Date
 - SubContract End Date
 - SubContract Type)
 - Avoidable Cost Adjustment (folder)
 - Day RMR Avoidable Cost Adjustment Stlmt: Gen (\$)
 - Variable Cost Adjustment (folder)
 - Day RMR Variable Cost Adjustment Stlmt: Gen (\$)
 - Market Based Settlements (folder)
 - Day Total Market Based Variable Cost Stlmt: Gen (\$)
 - Bid Based Settlements (folder)
 - Day Total Bid Based Variable Cost Stlmt: Gen (\$)
 - Day Ahead (folder)
 - Hr Bid Based DA Energy Startup Cost (\$)
 - Hr Bid Based DA Reg Capacity Cost (\$)
 - Hr Bid Based DA 30 Min Cost (\$)
 - Hr Bid Based DA 10Sync Cost (\$)
 - Hr Bid Based DA 10NSync Cost (\$)
 - RTD Bid Based DA Energy Mingen Cost (\$)
 - RTD Bid Based DA Energy Incremental Cost (\$)
 - Real Time (folder)
 - Hr Bid Based RT Energy Startup Cost (\$)
 - RTD Bid Based RT Reg Capacity Cost (\$)
 - RTD Bid Based RT 30 Min Cost (\$)
 - RTD Bid Based RT 10Sync Cost (\$)
 - RTD Bid Based RT 10NSync Cost (\$)
 - RTD Bid Based RT Energy Mingen Cost (\$)
 - RTD Bid Based RT Energy Incremental Cost (\$)
 - RTD Bid Based RT Reg Movement Cost (\$)
 - RTD Bid Based RT Reg Penalty (\$)

Universe: LSE Reliability Must Run

■ A new universe will be created for RMR

-- ~~Cust Stmt~~mt – **LSE Reliability Must Run** (universe level)

--Time (folder)

--Invoice Version (folder)

--Organization (folder)

--Zone / Subzone (folder)

--Load Serving Entities (folder)

--Load Buses (folder)

-- RMR SubContract (folder)

--RMR Agreement Contract ID

--SubContract Start Date

--SubContract End Date

--SubContract Type

--Gen Name

--Gen PTID

--LSE Settlement (folder)

--Interval Day-Version

--Invoice Version Number

--Interval Start Day (Eastern)

--Avoidable Cost Allocation (folder)

--Settlement Results (folder)

-- Day RMR Avoidable Cost Allocation Stmtnt: Load Bus

--Billing Determinants (folder)

--Day RT Actual Load (MWh)

--Day RMR Region Load (MWh)

--Day RMR Region Avoidable Cost Allocation Rate: Load Bus (\$/MWh)

--Day RMR Region Cost Allocation: Load Bus (%)

--Variable Cost Allocation (folder)

--Settlement Results (folder)

-- Day RMR Variable Cost Allocation Stmtnt: Load Bus (\$)

--Billing Determinants (folder)

--Day RT Actual Load (MWh)

--Day RMR Region Load (MWh)

--Day RMR Region Variable Cost Allocation Rate: Load Bus (\$/MWh)

--Day RMR Region Cost Allocation Load Bus (%)

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Next Steps

- **October 2018 Deployment**
- **Updates to Daily Reconciliation, Invoice Detail, Daily Customer Statement, DSS corporate reports, and DSS universes upon deployment**

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Appendix A: Updates to Daily Cash Reconciliation Report

- **Section 21 Total RMR Generator Adjustment**
 - 33201 RMR Generator Avoidable Cost Adjustment
 - 33301 RMR Generator Variable Cost Adjustment
- **Section 20 Total RMR LSE Allocation**
 - 84801 RMR LSE Avoidable Cost Allocation
 - 84901 RMR LSE Variable Cost Allocation

Appendix B: Updates to Invoice Detail Report

- **Power Supplier – Energy Settlement (\$) section**
 - 332 RMR Generator Avoidable Cost Adjustment
 - 333 RMR Generator Variable Cost Adjustment
 - Label change 1100 from *Wind Forecasting Service Charge* to *Forecast Fee Charge*
- **Transmission Customer – Ancillary Service Charges section**
 - 848 RMR LSE Avoidable Cost Allocation
 - 849 RMR LSE Variable Cost Allocation

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The Mission of the New York Independent System Operator, in collaboration with its stakeholders, is to serve the public interest and provide benefits to consumers by:

- Maintaining and enhancing regional reliability
- Operating open, fair and competitive wholesale electricity markets
- Planning the power system for the future
- Providing factual information to policy makers, stakeholders and investors in the power system



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