

Accounting and Billing Training Reference



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Revision History

Version	Date	Revisions
##	##/##/##	
1.0	10/14/15	Initial Draft

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1. METERING FUNDAMENTALS

1.1 Meter Authorities Roles

- NYISO Revenue Metering Requirements Manual, Section 4.3

1.2 Metering Terminology

- NYISO Revenue Metering Requirements Manual, Section 1.2
- NYISO Control Center Requirements Manual, Section 1.1

1.3 Metering System Equipment

- NYISO Revenue Metering Requirements Manual, Section 2.2
- NYISO Control Center Requirements Manual, Section 3.1

1.4 Meters for Settlement

- NYISO Revenue Metering Requirements Manual, Section 4.1 and 4.4
- NYISO Accounting and Billing Manual, Section 3.2.1 and 4.1.3

1.5 Estimating Sub-Zonal Load

- NYISO Accounting and Billing Manual, Section 3.2.2

1.6 Meter Data Schedules

- NYISO Accounting and Billing Manual, Section 3.2
- Billing and Settlements Services - 2018 Daily Lock-Down Schedules
- Billing and Settlements Services - 2018 Hourly Tie-Line, Generator, and LSE Bus Meter Data, Review, Revision, & Lock-Down Schedule

2. ENERGY SETTLEMENTS FOR POWER SUPPLIERS

2.1 Day-Ahead Market Energy

- Billing and Accounting Manual Section 4
 - Advisory Billing File

- Power Supplier
 - Day Ahead Forward Energy \$
- Hourly Bill Code 204
- Daily Bill Code 301
- DSS Corporate Report
 - Settlement Details- Power Supplier-Day Ahead Market Energy

2.2 Balancing Market Basis MW

- Billing and Accounting Manual Section 4
 - Appendix C
- Advisory Billing File
 - Power Supplier
 - Hrly Integrated R/T Balancing MWh
 - Hourly Bill Code 207
 - Daily Bill Code 303
- DSS Corporate Report
 - Settlement Details- Power Supplier-Balancing Energy

2.3 Balancing Market Energy

- Accounting and Billing Manual Section 4
 - Appendix C
- Advisory Billing File
 - Power Supplier
 - Balancing Energy \$
 - Hourly Bill Code 209
 - Daily Bill Code 304
- DSS Corporate Report
 - Settlement Details- Power Supplier-Balancing Energy

3. ENERGY SETTLEMENTS FOR LOAD SERVING ENTITIES

3.1 Day Ahead Market Energy

- Tariff Reference
 - Market Services Tariff (MST) - Section 4.2.6
- Accounting and Billing Manual

- Section 6.1.1, Appendix J
- Advisory Billing File
 - LSE LBMP Energy Section
 - Hr Total DAM Stmtnt: LSE (\$)
 - Day Total DAM Stmtnt: LSE (\$)
 - Hourly Bill Codes: 404-406
 - Daily Bill Code: 701-703
- DSS Corporate Report
 - Settlement Details – Load Serving Entity – Day Ahead Market Energy

3.2 Calculation of Real Time Actual Load

- Tariff Reference
 - OATT - Sections 2.7.4.3.1 and 2.7.4.4.1
 - MST - Sections 7.4.2.1 and 7.4.3.1
- Accounting and Billing Manual
 - Section 3.2.2.1
- Advisory Billing File
 - N/A
- DSS Corporate Report
 - Settlement Details - Load Serving Entity - Balancing Energy
- Market Information System (MIS)
 - Metering Loads
 - Metering Reconciliation
 - Metering Ties
 - Wholesale Load Bus Details

3.3 Balancing Market Energy

- Tariff Reference
 - Market Services Tariff (MST) - Section 4.5
- Accounting and Billing Manual
 - Section 6.1.2, Appendix J
- Advisory Billing File
 - LSE LBMP Energy Section
 - Hr Total BalMkt Stmtnt: LSE (\$)
 - Daily Total BalMkt Stmtnt: LSE (\$)
 - Hourly Bill Codes: 407, 409-411
 - Daily Bill Code: 704-707
- DSS Corporate Report

- Settlement Details – Load Serving Entity – Balancing Energy

4. ENERGY SETTLEMENTS FOR TRANSACTION CUSTOMERS

4.1 Day Ahead Market Energy (Import/Export)

- Tariff Reference
 - Market Services Tariff (MST) - Article 4, Section 4.2
- Accounting and Billing Manual
 - Section 4.3.1 & Appendix B (Imports)
 - Section 6.2.1 & Appendix J (Exports)
- Advisory Billing File
 - Transaction Customer Section
 - DAM LBMP Market LBMP \$
 - Hourly Bill Code: 515
 - Daily Bill Code: 762
- DSS Corporate Report
 - Settlement Details – Transaction Customer – Day Ahead Market LBMP Energy

4.2 Balancing Market Energy (Import/Export)

- Tariff Reference
 - MST - Article 4, Section 4.5
- Accounting and Billing Manual
 - Section 4.3.3 & Appendix B (Imports)
 - Section 6.2.2 & Appendix J (Exports)
- Advisory Billing File
 - Transaction Customer Section
 - R/T LBMP Market LBMP \$
 - Hourly Bill Code: 520
 - Daily Bill Code: 767
- DSS Corporate Report
 - Settlement Details – Transaction Customer – Balancing Market LBMP Energy

4.3 Day Ahead Market Replacement Energy

- Tariff Reference
 - MST – Attachment B, Section 17.3.3.5

- Accounting and Billing Manual
 - Section 7.2.1.1 & Appendix K
- Advisory Billing File
 - Transaction Customer Section
 - DAM LBMP Market LBMP\$
 - Hourly Bill Code: 515
 - Daily Bill Code: 762
- DSS Corporate Report
 - Settlement Details – Transaction Customer – Day Ahead Market Replacement Energy

4.4 Balancing Market Replacement Energy

- Tariff Reference
 - MST - Attachment B, Section 17.3.3.5
- Accounting and Billing Manual
 - Section 7.2.2.1 & Attachment K
- Advisory Billing File
 - Transaction Customer Section
 - Balancing Market Replacement Energy \$
 - Hourly Bill Code: 520
 - Daily Bill Code: 767
- DSS Corporate Report
 - Settlement Details – Transaction Customer – Balancing Market Replacement Energy

4.5 Trading Hub Energy

- Tariff Reference
 - MST - Article 4, Section 4.2.7 (DAM)
 - MST - Article 4, Section 4.5.7 & 4.5.8 (RT)
- Accounting and Billing Manual
 - Section 7.7 & Appendix K
- Advisory Billing File
 - Transaction Customer Section
 - Hrly Trading Hub \$
 - Hourly Bill Code: 544 (DAM), 549 (RT)
 - Daily Bill Code: 783 (DAM), 787 (RT)
- DSS Corporate Report

- Settlement Details – Transaction Customer – Day Ahead Market Trading Hub
LBMP Energy
- Settlement Details – Transaction Customer – Real Time Market Trading Hub
LBMP Energy

4.6 DAM TUC (Import/Export/Wheel/Internal)

- Tariff Reference
 - OATT – Schedule 7, Section 6.7.1.1
- Accounting and Billing Manual
 - Section 7.1.1 (Internals)
 - Section 7.2.1. (Imports)
 - Section 7.3.1 (Exports)
 - Section 7.4.1 (Wheels)
 - Appendix K
- Advisory Billing File
 - Transaction Customer Section
 - Day Ahead TUC \$
 - Hourly Bill Code: 504
 - Daily Bill Code: 753
- DSS Corporate Report
 - Settlement Details – Transaction Customer – Day Ahead Market Transmission
Usage Charges

4.7 Balancing Market TUC (Import/Export/Wheel/Internal)

- Tariff Reference
 - OATT – Schedule 7, Section 6.7.1.2
- Accounting and Billing Manual
 - Section 7.1.2 (Internals)
 - Section 7.2.2 (Imports)
 - Section 7.3.2 (Exports)
 - Section 7.4.2 (Wheels)
 - Appendix K
- Advisory Billing File
 - Transaction Customer Section
 - Hrly R/T TUC \$
 - Hourly Bill Code: 508
 - Daily Bill Code: 757

- DSS Corporate Report
 - Settlement Details – Transaction Customer – Balancing Market Transmission Usage Charges

5. LOAD SERVING ENTITY RESIDUALS

5.1 DAM Energy Residual

- MST Schedule 1 & OATT Schedule 1
- Accounting and Billing Manual Section 8
- Advisory Billing File
 - Ancillary Services Residual Adjustment \$
 - Hourly Bill Code 611
 - Daily Bill Code 813
- DSS Corporate Report
 - Settlement Details- Load Serving Entity - Residuals

5.2 DAM Loss Residual

- MST Schedule 1 & OATT Schedule 1
- Accounting and Billing Manual Section 8
- Advisory Billing File
 - Ancillary Services Residual Adjustment \$
 - Hourly Bill Code 611
 - Daily Bill Code 813
- DSS Corporate Report
 - Settlement Details- Load Serving Entity - Residuals

5.3 Balancing Market Energy Residual

- MST Schedule 1 & OATT Schedule 1
- Accounting and Billing Manual Section 8
- Advisory Billing File
 - Ancillary Services Residual Adjustment \$
 - Hourly Bill Code 611
 - Daily Bill Code 813
- DSS Corporate Report

- Settlement Details- Load Serving Entity - Residuals

5.4 Balancing Market Loss Residual

- MST Schedule 1 & OATT Schedule 1
- Accounting and Billing Manual Section 8
- Advisory Billing File
 - Ancillary Services
Residual Adjustment \$
 - Hourly Bill Code 611
 - Daily Bill Code 813
- DSS Corporate Report
 - Settlement Details- Load Serving Entity - Residuals

5.5 Balancing Market Congestion Residual

- MST Schedule 1 & OATT Schedule 1
- Accounting and Billing Manual Section 8
- Advisory Billing File
 - Ancillary Services
Residual Adjustment \$
 - Hourly Bill Code 611
 - Daily Bill Code 813
- DSS Corporate Report
 - Settlement Details- Load Serving Entity - Residuals

6. TRANSACTION CUSTOMER RESIDUALS

- Tariff Reference
 - OATT – Schedule 1, Section 6.1.8
- Accounting and Billing Manual
 - Section 8.1.7, Appendix M
- Advisory Billing File
 - Transaction Customer Section
Residual Adjustment \$
 - Hourly Bill Code: 611
 - Daily Bill Code: 813
- DSS Corporate Report
 - Settlement Details – Transaction Customer – Residuals

7. ANCILLARY SERVICES FOR POWER SUPPLIERS

7.1 Rate Schedule 1

- MST Section 15.1 – Schedules
- Accounting and Billing Manual Section 8
- Advisory Billing File
 - Power Supplier
 - SSC&D OAT Inject Charge \$
 - Hourly Bill Code 258
 - Daily Bill Code 322
- DSS Corporate Report
 - Settlement Details- Power Supplier - Schedule 1 and Miscellaneous Expenses

7.2 Rate Schedule 2 VSS Payments

- MST Section 15.2 – Schedules
- Accounting and Billing Manual Section 5
- Advisory Billing File
 - Power Supplier
 - Voltage Support \$
 - Hourly Bill Code 214
 - Daily Bill Code 306
- DSS Corporate Report
 - Settlement Details- Power Supplier - Voltage Support Service Credit

7.3 Black Start & Black Start LRR Service Payments

- MST Section 15.5 - Schedules
- OATT Section 6 - Schedules
- Accounting and Billing Manual Section 5
- Advisory Billing File
 - Power Supplier
 - Daily Bill Code 311 & 312
 - Black Start Daily Revenue Reqt
 - Black Start Daily Revenue Payment \$
 - Hourly Bill Code 1007
 - Local Black Start/Rest Payment \$

- Daily Bill Code 1017
Local Black Start/Rest Payment \$
- DSS Corporate Report
 - Settlement Details- Power Supplier – Black Start

7.4 DAM Regulation

- MST Section 15.3 - Schedules
- Accounting and Billing Manual Section 5.2 and Appendix I & G
- Advisory Billing File
 - Power Supplier
 - Hourly Bill Code 217
Hrly DAM Reg Capacity
 - Hourly Bill Code 218
Hrly DAM Reg MCP \$
 - Daily Bill Code 308
Regulation Payment \$
- DSS Corporate Report
 - Settlement Details- Power Supplier – DAM Regulation Capacity

7.5 Balancing Regulation

- Advisory Billing File
 - Power Supplier
 - Hourly Bill Code 250
Hrly Bal Mkt Reg Capacity MWhr
 - Hourly Bill Code 251
Hrly Bal Mkt Avail \$
 - Daily Bill Code 308
Regulation Payment \$
- DSS Corporate Report
 - Settlement Details- Power Supplier – RT Regulation Service

7.6 Real Time Regulation Movement

- Advisory Billing File
 - Power Supplier
Hourly Bill Code 265
 - Hrly Reg Movement MWhr
 - Hourly Bill Code 266
Hrly RT Reg Movement \$

- Daily Bill Code 329
 - Regulation Movement \$
- DSS Corporate Report
 - Settlement Details- Power Supplier – RT Regulation Service

7.7 Regulation Revenue Adjustment

- Advisory Billing File
 - Power Supplier
 - Hourly Bill Code 252
 - Hrly Reg Rev Adj \$
 - Daily Bill Code 316
 - Regulation Rev Adj \$
- DSS Corporate Report
 - Settlement Details- Power Supplier – Regulation Revenue Adjustment

7.8 Regulation Performance Charge

- Advisory Billing File
 - Power Supplier
 - Hourly Bill Code 267
 - Hrly Reg Performance Charge \$
 - Daily Bill Code 330
 - Regulation Performance Charge \$
- DSS Corporate Report
 - Settlement Details- Power Supplier – RT Regulation Service (RT Regulation Movement Tab)

7.9 Under Generation Penalty

- MST Section 15.3A – Schedules
- Accounting and Billing Manual Appendix I & G
- Advisory Billing File
 - Power Supplier
 - Regulation Charge (\$)
 - Hourly Bill Code 222
 - Daily Bill Code 309
- DSS Corporate Report
 - Settlement Details- Power Supplier – Regulation Penalty for Power Suppliers

7.10 Over Generation Penalty

- MST Section 15.3A – Schedules
- Accounting and Billing Manual Appendix I & G
- Advisory Billing File
 - Power Supplier
 - Regulation Charge (\$)
 - Hourly Bill Code 222
 - Daily Bill Code 309
- DSS Corporate Report
 - Settlement Details- Power Supplier – Regulation Penalty for Power Suppliers

7.11 DAM Reserves

- MST Section 15.4 – Schedules
- Accounting and Billing Manual Section 5.3
- Advisory Billing File
 - Power Supplier
 - Reserve Availability \$
 - Reserve MCP \$
 - Reserve MWHr
 - Hourly Bill Code 223 - 246
 - Daily Bill Code 310
 - Operating Reserve Payment \$
- DSS Corporate Report
 - Settlement Details- Power Supplier – DAM ‘Reserve Type’ Availability

7.12 Balancing Market Reserves

- Advisory Billing File
 - Power Supplier
 - Reserve Availability \$
 - Reserve MCP \$
 - Reserve MWHr
 - Hourly Bill Code 223 - 246
 - Daily Bill Code 310
 - Operating Reserve Payment \$
- DSS Corporate Report
 - Settlement Details- Power Supplier – Balancing Market ‘Reserve Type’ Availability

7.13 VSS LOC Payments

- MST Section 15.2 – Schedules
- Accounting and Billing Manual Section 5
- Advisory Billing File
 - Power Supplier
 - Voltage Support LOC \$
 - Hourly Bill Code 215
 - Daily Bill Code 307
- DSS Corporate Report
 - Settlement Details- Power Supplier - Voltage Support Service LOC

8. ANCILLARY SERVICES FOR LOAD SERVING ENTITIES

8.1 Rate Schedule 1

- MST Schedule 1 & OATT Schedule 1
- Accounting and Billing Manual Section 8
- Advisory Billing File
 - Ancillary Services
 - S, SC&D MST Charge \$ & S, SC&D OATT Charge \$
 - Hourly Bill Codes 608 & 615
 - Daily Bill Codes 805 & 809
 - FERC Fees OAT WD Charge \$
 - Hourly Bill Codes 644
 - Daily Bill Codes 842
- DSS Corporate Report
 - Settlement Details- Load Serving Entity - Ancillary Services

8.2 Rate Schedule 2 VSS Allocation

- OATT Schedule 2
- Accounting and Billing Manual Section 8
- Advisory Billing File
 - Ancillary Services
 - VSS Charge \$
 - Hourly Bill Code 606
 - Daily Bill Code 804
- DSS Corporate Report

- Settlement Details- Load Serving Entity - Ancillary Services

8.3 Regulation Allocation

- OATT Schedule 3
- Accounting and Billing Manual Section 8
- Advisory Billing File
 - Ancillary Services
 - R&FR Charge \$
 - Hourly Bill Code 612
 - Daily Bill Code 807
- DSS Corporate Report
 - Settlement Details- Load Serving Entity - Ancillary Services

8.4 Regulation Revenue Adjustment Allocation

- OATT Schedule 3
- Accounting and Billing Manual Section 8
- Advisory Billing File
 - Ancillary Services
 - Reg Rev Adj \$
 - Hourly Bill Code 618
 - Daily Bill Code 817
- DSS Corporate Report
 - Settlement Details- Load Serving Entity - Ancillary Services

8.5 Reserves Allocation

- OATT Schedule 5
- Accounting and Billing Manual Section 8
- Advisory Billing File
 - Ancillary Services
 - Res Chg \$
 - Hourly Bill Code 610
 - Daily Bill Code 806
- DSS Corporate Report
 - Settlement Details- Load Serving Entity - Ancillary Services

8.6 Black Start Service Allocation

- OATT Schedule 6

- Accounting and Billing Manual Section 8
- Advisory Billing File
 - Ancillary Services
 - Black Start Charge \$
 - Hourly Bill Code 613 (Local 641)
 - Daily Bill Code 808 (Local 811)
- DSS Corporate Report
 - Settlement Details- Load Serving Entity - Ancillary Services

8.7 Regulated Transmission Project Cost Recovery

- OATT Attachment Y
- Accounting and Billing Manual Section 8
- Advisory Billing File
 - Ancillary Services
 - Regulated Transmission Projects Charge \$
 - Daily Bill Code 4004
- DSS Corporate Report
 - Load Serving Entity - Regulated Transmission Project

9. ANCILLARY SERVICES FOR TRANSACTION CUSTOMERS

9.1 Rate Schedule 1

- Tariff Reference
 - MST – Schedule 1, Section 15.1
 - OATT – Schedule 1, Section 6.1
- Accounting and Billing Manual
 - Sections 8.1 & 8.2, Appendix M
- Advisory Billing File
 - Transaction Customer Section
 - S, SC & D, etc MST Charge \$
 - S, SC & D, etc OATT Charge \$
 - Hourly Bill Code: 608 (MST); 615 (OATT)
 - Daily Bill Code: 805 (MST); 809 (OATT)
 - FERC Fees OAT WD Charge \$
 - Hourly Bill Code: 644; Daily Bill Code 842
 - FERC Fees OAT Inject Charge \$

- Hourly Bill Code: 645; Daily Bill Code 843
- DSS Corporate Report
 - Settlement Details – Transaction Customer – Ancillary Services

9.2 Rate Schedule 2 VSS Allocation

- Tariff Reference
- OATT – Schedule 2, Section 6.2
- Accounting and Billing Manual
 - Section 8.3, Appendix M
- Advisory Billing File
 - Transaction Customer Section
 - VSS Charge \$
 - Hourly Bill Code: 606
 - Daily Bill Code: 804
- DSS Corporate Report
 - Settlement Details – Transaction Customer – Ancillary Services

9.3 Reserves Allocation

- Tariff Reference
 - OATT – Schedule 5, Section 6.5
- Accounting and Billing Manual
 - Section 8.6, Appendix M
- Advisory Billing File
 - Transaction Customer Section
 - Total Hourly Operating Reserve Charge
 - Daily Total Operating Reserve Charge
 - Hourly Bill Code: 610
 - Daily Bill Code: 806
- DSS Corporate Report
 - Settlement Details – Transaction Customer – Ancillary Services

10. SUPPLEMENTAL SUPPLIER PAYMENTS

10.1 DAM BPCG

- MST Attachment C Section 18
- Accounting and Billing Manual Section 4
- Advisory Billing File

- Power Supplier
 - Day Ahead BPCG \$
 - Day Ahead Startup \$
 - Hourly Bill Code 205
 - Hourly Bill Code 206
 - Daily Bill Code 302
- DSS Corporate Report
 - Settlement Details- Power Supplier-Day Ahead Market BPCG

10.2 Economic Operating Point (EOP)

- MST
 - Section 2.46e
 - Rate Schedule 2
 - Attachments C & J
- Accounting and Billing Manual Section 4
 - Appendix F
- DSS Corporate Report
 - Settlement Details- Power Supplier-
DAM Margin Assurance
RT BPCG
Supplemental Events
Voltage Support Service LOC

10.3 RT BPCG

- MST Attachment C Section 18.4
- Accounting and Billing Manual Section 4
 - Appendix E
- Advisory Billing File
 - Power Supplier
 - RT BPCG \$
 - RT Startup \$
 - Hourly Bill Code 210
 - Hourly Bill Code 211
 - Daily Bill Code 305
- DSS Corporate Report
 - Settlement Details- Power Supplier- RT BPCG

10.4 LRR I-R3 & I-R5 (Min Oil Burn)

- OATT Rate Schedule 1
- Accounting and Billing Manual
 - Section 4.1.8
- Advisory Billing File
 - Power Supplier
 - Margin Restoration (MOB) Payment \$
- Daily Bill Code 328

10.5 Day Ahead Margin Assurance

- MST Attachment J
- Accounting and Billing Manual Section 4
 - Appendix H
- Advisory Billing File
 - Power Supplier
 - LRR DAM Contract Balancing \$
 - DAM Contract Balancing \$
 - Hourly Bill Code 238
 - Hourly Bill Code 239
 - Daily Bill Code 313
- DSS Corporate Report
 - Settlement Details- Power Supplier-Day Ahead Margin Assurance

11. SUPPLEMENTAL TRANSACTION CUSTOMER PAYMENTS

11.1 DAM BPCG

- Tariff Reference
 - MST – Attachment C, Section 18.3
- Accounting and Billing Manual
 - Section 4.3.2, Appendix E
- Advisory Billing File
 - Transaction Customer Section
 - DAM Bid Cost Guarantee
 - Hourly Bill Code: 528
 - Daily Bill Code: 768

- DSS Corporate Report
 - Settlement Details – Transaction Customer – Day Ahead Market Bid Production Cost Guarantee

11.2 Transaction Import Curtailment Supplier Guarantee

- Tariff Reference
 - MST- Article 4, Section 4.5.3.2
- Accounting and Billing Manual
 - Section 7.2.2.1
- Advisory Billing File
 - Transaction Customer Section
 - R/T Bid Cost Guarantee [Imp ECA Suppl Guar (\$)]
 - Hourly Bill Code: 529
 - Daily Bill Code: 769
- DSS Corporate Report
 - Currently under development

12. FINANCIAL IMPACT CHARGE (FIC)

- Tariff Reference
 - MST - Article 4, Section 4.5.3.2
- Accounting and Billing Manual
 - Section 7.2.2.2 (Imports), Appendix K
 - Section 7.3.2.2 (Bilateral Exports), Appendix K
 - Section 6.2.2.1 (LBMP Exports), Appendix J
 - Section 7.4.2.1 (Wheels), Appendix K
- Advisory Billing File
 - Transaction Customer Section
 - Hrly Fin Impact Charge \$
 - Hourly Bill Code: 530, 531
 - Daily Bill Code: 776 (Bilaterals); 777 (LBMPs)
- DSS Corporate Report
 - Settlement Details – Transaction Customer – Financial Impact Charge

13. VIRTUAL TRADING

13.1 DAM Virtual Supply

- Tariff Reference
 - MST – Section 4.2.6
- Accounting and Billing Manual
 - Section 4.4 and Appendix B
- Advisory Billing File
 - Virtual Bidding Program
 - DAM Virtual Supplier \$
 - Hourly Bill Codes: 414
 - Daily Bill Code: 773
- DSS Corporate Report
 - Settlement Details – Virtual Market Customers – Virtual Supply

13.2 Balancing Market Virtual Supply

- Tariff Reference
 - MST – Section 4.5.5
- Accounting and Billing Manual
 - Section 4.4.2, Appendix B
- Advisory Billing File
 - Virtual Bidding Program
 - Balancing Virtual Supply \$
 - Hourly Bill Codes: 417
 - Daily Bill Code: 775
- DSS Corporate Report
 - Settlement Details – Virtual Market Customers – Virtual Supply

13.3 DAM Virtual Load

- Tariff Reference
 - MST – Section 4.2.6
- Accounting and Billing Manual
 - Section 6.3.1, Appendix J
- Advisory Billing File
 - Virtual Bidding Program
 - DAM Virtual Load \$
 - Hourly Bill Codes: 413

- Daily Bill Code: 771
- DSS Corporate Report
 - Settlement Details – Virtual Market Customers – Virtual Load

13.4 Balancing Market Virtual Load

- Tariff Reference
 - MST – Section 4.5.2
- Accounting and Billing Manual
 - Section 6.3.2, Appendix J
- Advisory Billing File
 - Virtual Bidding Program
 - Balancing Virtual Load \$
 - Hourly Bill Codes: 416
 - Daily Bill Code: 774
- DSS Corporate Report
 - Settlement Details – Virtual Market Customers – Virtual Load

13.5 Rate Schedule 1

- Tariff Reference
 - OATT –Sections 6.1.2.4.1 and 6.1.2.4.4
- Accounting and Billing Manual
 - Section 8.1.1, Appendix M
- Advisory Billing File
 - Virtual Bidder
 - Annual Budget OAT Virtuals Charge \$
 - Hourly Bill Code 418
 - Daily Bill Code 778
 - FERC Fees OAT Virtuals Charge \$
 - Hourly Bill Code 419
 - Daily Bill Code 779
- DSS Corporate Report
 - Settlement Details – Virtual Market Customers

13.6 Uplift Allocation

- Tariff Reference
 - OATT - Attachment T
- Accounting and Billing Manual
 - Section 8.1.11, Appendix J

- Advisory Billing File
 - Ancillary Services Charges
 - Incremental Uplift \$
 - Hourly Bill Codes: N/A
 - Daily Bill Code: 815
- DSS Corporate Report
 - Settlement Details – LSE Ancillary Services – limited availability

14. DEMAND RESPONSE PROVIDERS

14.1 Emergency Demand Response (EDRP)

- MST Section 22
 - Attachment G
- Accounting and Billing Manual Section 4.5
- Advisory Billing File
 - Demand Response
 - EDRP Demand Response Reduction MWhr
 - EDRP Demand Response Credit \$
 - Hourly Bill Code 2020 & 2021
 - Daily Bill Code 2025 & 2026

14.2 Special Case Resource (SCR)

- MST 05
 - Section 5.12.11
- Accounting and Billing Manual Section 4.5
- Advisory Billing File
 - Demand Response
 - SCR Demand Response Reduction MWhr
 - SCR Demand Response Credit \$
 - SCR Bid Cost Guarantee \$
 - Hourly Bill Code 2022 & 2023
 - Daily Bill Code 2027 & 2028, 2029

14.3 DRP Rate Schedule 1

- OATT Rate Schedule 1

14.4 DADRP Reduction

- MST Section 4
- Accounting and Billing Manual Section 4.2
- Appendix B
- Advisory Billing File
- Demand Response Reduction \$
- Hourly Bill Code 2006
- Daily Bill Code 2012
- DSS Corporate Report
- Demand Response Program Customer – Reduction

14.5 DADRP Load Balance

- MST Section 4
- Accounting and Billing Manual Section 4.2
 - Appendix J
- Advisory Billing File
 - Demand Response Load Balancing \$
 - Hourly Bill Code 2008
 - Daily Bill Code 2014
- DSS Corporate Report
 - Demand Response Program Customer – Load Balance

14.6 DADRP Penalty

- MST Section 4
- DA Demand Reduction Program Manual
 - Section 4.2
- Advisory Billing File
 - Demand Response DADRP Penalty \$
- Hourly Bill Code 2007
 - Daily Bill Code 2013
- DSS Corporate Report
 - Demand Response Program Customer – Penalty for Demand Response Provider

14.7 DADRP BCG

- MST Section 4
 - Attachment C
- DA Demand Reduction Program Manual

- Section 7
- Advisory Billing File
 - Load Reduction Bid Guarantee \$
 - Hourly Bill Code 2009
 - Daily Bill Code 2015
- DSS Corporate Report
 - Demand Response Program Customer – Bid Cost Guarantee

15. LOAD SERVING ENTITY UPLIFT ALLOCATIONS

15.1 PS DAM BPCG Allocation

- OATT Schedule 1
- Accounting and Billing Manual Section 8
- Advisory Billing File
 - Ancillary Services
NYISO Wide Uplift Charge \$
 - Daily Bill Code 812
- DSS Corporate Report
N/A

15.2 PS DAM BPCG LRR Allocation

- OATT Schedule 1
- Accounting and Billing Manual Section 8
- Advisory Billing File
 - Ancillary Services
LRR Mingen Charge \$
 - Daily Bill Code 810
- DSS Corporate Report
N/A

15.3 PS RT BPCG Allocation

- OATT Schedule 1
- Accounting and Billing Manual Section 8
- Advisory Billing File
 - Ancillary Services
NYISO Wide Uplift Charge \$

- Daily Bill Code 812
- DSS Corporate Report
 - N/A

15.4 PS RT BPCG LRR Allocation

- OATT Schedule 1
- Accounting and Billing Manual Section 8
- Advisory Billing File
 - Ancillary Services
 - LRR Mingen Charge \$
 - Daily Bill Code 810
- DSS Corporate Report
 - N/A

15.5 PS DAMAP Allocation

- OATT Schedule 1
- Accounting and Billing Manual Section 8
- Advisory Billing File
 - Ancillary Services
 - Residual Adjustment \$
 - Hourly Bill Code 611
 - Daily Bill Code 813
- DSS Corporate Report
 - Settlement Details- Load Serving Entity – PS Uplift Allocations

15.6 PS DAMAP LRR Allocation

- OATT Schedule 1
- Accounting and Billing Manual Section 8
- Advisory Billing File
 - Ancillary Services
 - Residual Adjustment \$
 - Hourly Bill Code 611
 - Daily Bill Code 813
- DSS Corporate Report
 - N/A

15.7 TC DAM BPCG Allocation

- OATT Schedule 1
- Accounting and Billing Manual Section 8
- Advisory Billing File
 - Ancillary Services
 - NYISO Wide Uplift Charge \$
 - Daily Bill Code 812
- DSS Corporate Report
 - N/A

15.8 TC Import ECA Supplier Guarantee Allocation

- OATT Schedule 1
- Accounting and Billing Manual Section 8
- Advisory Billing File
 - Ancillary Services
 - NYISO Wide Uplift Charge \$
 - Daily Bill Code 812
- DSS Corporate Report
 - Settlement Details- Load Serving Entity - PS Uplift Allocations

15.9 PS DAM BPCG Under-Forecasted Load Allocation

- OATT Schedule 1
- Accounting and Billing Manual Section 8
- Advisory Billing File
 - Ancillary Services
 - Incremental Uplift \$
 - Daily Bill Code 815
- DSS Corporate Report
 - N/A

15.10 PS RT BPCG for Special (Supplemental) Events Allocation

- OATT Schedule 1
- Accounting and Billing Manual Section 8
- Advisory Billing File
 - Ancillary Services

- Sup Event Charge \$
 - Hourly Bill Code 619 *
 - Daily Bill Code 818
- DSS Corporate Report
 - Settlement Details- Load Serving Entity – Supplemental Event Charge* - needs to be updated

15.11 FIC Allocation

- OATT Schedule 1
- Accounting and Billing Manual Section 8
- Advisory Billing File
 - Ancillary Services
 - Financial Impact Credit \$
 - Hourly Bill Code 620
 - Daily Bill Code 819
- DSS Corporate Report
 - Settlement Details- Load Serving Entity - Financial Impact Credit

16. TRANSACTION CUSTOMER UPLIFT ALLOCATIONS

16.1 PS DAM BPCG Allocation

- OATT Section 6.1.12
- Billing and Accounting Manual Reference
 - Section 8.1.11, Appendix M
- Advisory Billing File
 - Ancillary Services NYISO-wide Uplift charges \$
 - Daily Bill Code 812
- DSS Corporate Report
 - Transaction Customer - PS Uplift Allocations

16.2 PS RT BPCG Allocation

- OATT Rate Schedule One Section 6.1.12
- Billing and Accounting Manual Reference
 - Section 8.1.11
- Advisory Billing File
 - Ancillary Services NYISO-wide Uplift Charges \$

- Daily Bill Code 812
- DSS Corporate Report
 - Transaction Customer - PS Uplift Allocations

16.3 PS DAMAP Allocation

- OATT Rate Schedule One Section 6.1.10
- Billing and Accounting Manual Reference
 - Section 8.1.9, Appendix M
- Advisory Billing File
 - Ancillary Services Residual Adjustment \$
 - Hourly Bill Code 611
 - Daily Bill Code 813
- DSS Corporate Report
 - Transaction Customer - PS Uplift Allocations

16.4 TC DAM BPCG Allocation

- OATT Rate Schedule One Section 6.1.12
- Billing and Accounting Manual Reference
 - Section 8.1.11, Appendix M
- Advisory Billing File
 - Ancillary Services NYISO-wide Uplift Charges \$
 - Daily Bill Code 812
- DSS Corporate Report
 - Transaction Customer - PS Uplift Allocations

16.5 TC Import ECA Supplier Guarantee Allocation

- OATT Rate Schedule One Section 6.1.11
- Billing and Accounting Manual Reference
 - Section 8.1.11
- Advisory Billing File
 - Ancillary Services NYISO-wide Uplift Charges \$
 - Daily Bill Code 812
- DSS Corporate Report
 - PS Uplift Allocations

16.6 PS RT BPCG for Special (Supplemental) Events Allocation

- OATT Rate Schedule One Section 6.1.12
- Billing and Accounting Manual Reference
 - Section 8.1.11, Appendix M
- Advisory Billing File
 - Ancillary Services Hrly Sup Event Charge \$
 - Daily Bill Code 818
- DSS Corporate Report
 - Transaction Customer Supplemental Event Charge

16.7 FIC Allocation

- OATT Rate Schedule One Section 6.1.14
- Billing and Accounting Manual Reference
 - Section 8.1.13, Appendix M
- Advisory Billing File
 - Ancillary Services Hrly Fin Impact Credit \$
 - Hourly Bill Code 620
 - Daily Bill Code 819
- DSS Corporate Report
 - Transaction Customer Financial Impact Credit

17. TRANSMISSION CONGESTION CONTRACTS

17.1 TCC Rent

- OATT Attachment M
- Accounting and Billing Manual
 - Section 9
 - Appendix L
- Advisory Billing File
 - TCC Credit
 - Hourly Bill Code 901
 - Daily Bill Code 903
- DSS Corporate Report
 - Transmission Congestion Contract Customer – TCC Rent

17.2 Rate Schedule 1

- OATT Rate Schedule 1

18. TRANSMISSION OWNERS

18.1 DAM Congestion Residual

- OATT Attachment N
 - Section 20.2.5
- Accounting and Billing Manual Section 10
- Advisory Billing File
 - Transmission Owner
 - Excess Cong Credit (\$)
 - Daily Bill Code 1014
- DSS Corporate Report
 - Transmission Owners – DAM Congestion

18.2 NTAC Payment

- OATT Attachment N
 - Section 20.2.5
- Accounting and Billing Manual Section 10
- Advisory Billing File
 - Transmission Providers
 - NTAC Credit (\$)
 - Hourly Bill Code 1003
 - Daily Bill Code 1012

18.3 Non-NYISO Facilities Payments

- OATT
 - Section 6.1.2.2.3 & 6.1.6.1
- Advisory Billing File
 - Transmission Providers
 - Ramapo Par
 - Hourly Bill Code 1005
 - Daily Bill Code 1015
 - Station 80 Cap Bank
 - Hourly Bill Code 1006
 - Daily Bill Code 1016

19. LOAD SERVING OTHER ALLOCATIONS

19.1 LRR I-R3 & I-R5 (Min Oil Burn)

- OATT Rate Schedule 1
- Accounting and Billing Manual
 - Section 8.1.6
 - Appendix M
- Advisory Billing File
 - Ancillary Services
 - Margin Restoration (MOB) Charge \$
 - Daily Bill Code 839

19.2 DADRP Allocation to LSE

- OATT Schedule 1
- Accounting and Billing Manual Section 8
- Advisory Billing File
 - Ancillary Services
 - Demand Response Program Uplift \$
 - Daily Bill Code 814
- DSS Corporate Report
 - Settlement Details- Load Serving Entity - Residuals

19.3 NTAC Charge

- OATT Attachment H
- Accounting and Billing Manual Appendix K
- Advisory Billing File
 - Ancillary Services
 - NTAC Charge \$
 - Hourly Bill Code 604
 - Daily Bill Code 803
- DSS Corporate Report
 - Settlement Details- Load Serving Entity - NTAC

19.4 Non-NYISO Facilities

- OATT
 - Section 6.1.2.2.3 & 6.1.6.1

- Advisory Billing File
 - Ancillary Services
 - Ramapo Par
 - Hourly Bill Code 639
 - Daily Bill Code 836
 - Station 80 Cap Bank
 - Hourly Bill Code 640
 - Daily Bill Code 838
- DSS Corporate Report
 - Settlement Details – Load Serving Entity – Ancillary Services

20. TRANSACTION CUSTOMER OTHER ALLOCATIONS

20.1 NTAC Charge

- Tariff Reference
 - OATT – Section 6.7.5
- Accounting and Billing Manual
 - Section 7.6.1, Appendix K
- Advisory Billing File
 - Transaction Customer Section
 - NTAC Charge \$
 - Hourly Bill Code: 604
 - Daily Bill Code: 803
- DSS Corporate Report
 - Settlement Details – Transaction Customer – NTAC

20.2 Non-NYISO Facilities

- OATT - Section 6.1.6
- Advisory Billing File
 - Ancillary Services
 - Ramapo Par
 - Hourly Bill Code 639
 - Daily Bill Code 836
 - Station 80 Cap Bank
 - Hourly Bill Code 640
 - Daily Bill Code 837

- DSS Corporate Report
 - Settlement Details - Transaction Customer – Ancillary Services

21. ICAP MARKET SETTLEMENT DATA

21.1 ICAP Settlements

- OATT and MST
- Installed Capacity Manual
 - Section 5.16 Billing and Settlements
- ICAP Automated Market System User's Guide
 - Section 12.4 How to View Consolidated Billing
- Settlement Data Applications User's Guide (CSI User Guide)
 - Section 4.2.2.5 ICAP Detail Report

22. APPENDIX: OUT OF MERIT CODES

All Out of Merit Types

OOM TYPE	DESCRIPTION
1	Committed for ISO Reliability
2	OOM for TO Reliability
3	OOM Generator Request
4	OOM for Reserves
21	ISO Energy Limited Res
23	ISO Voltage Support
24	TO Voltage Support
25	OOM for Testing
26	ISO Com Failure
27	TO Com Failure
28	Gen Request/Modify UOL
29	Gen Request/Modify MinGen
30	Gen Request/Modify both
31	Ops Intervene/Modify UOL
32	Ops Intervene/Modify MinGen
33	Ops Intervene/Modify both
40	NYISO Gen Audit
50	Start-Up/Shut Down
60	SYS OOM NYISO SCR/EDRP

61 SYS OOM CE TDRP

Out of Merit for Reliability

OOM TYPE	DESCRIPTION
1	Committed for ISO Reliability
2	OOM for TO Reliability
4	OOM for Reserves
21	ISO Energy Limited Res
23	ISO Voltage Support
24	TO Voltage Support
25	OOM for Testing
26	ISO Com Failure
27	TO Com Failure
40	NYISO Gen Audit

Out of Merit for Local Reliability

OOM TYPE	REASON FOR OOM
2	OOM for TO Reliability
24	TO Voltage Support

Out of Merit for Voltage Support

OOM TYPE	REASON FOR OOM
23	ISO Voltage Support
24	TO Voltage Support

Out of Merit Due to Operator Intervention

OOM TYPE	REASON FOR OOM
31	Ops Intervene/Modify UOL
32	Ops Intervene/Modify MinGen
33	Ops Intervene/Modify both

Out of Merit with Gen Increase

OOM TYPE	REASON FOR OOM
29	Gen Request/Modify MinGen
30	Gen Request/Modify both
32	Ops Intervene/Modify MinGen
33	Ops Intervene/Modify both

Out of Merit Due to Generator Request

OOM TYPE	REASON FOR OOM
28	Gen Request/Modify UOL
29	Gen Request/Modify MinGen
30	Gen Request/Modify both

Items Included in OOM 25

DMNC Tests	GT Monthly Operational Tests
VAr Tests	Particulate Tests
RATA Tests	NOx Tests
Mill Fineness Checks	Full Load Fuel Oil Tests
Reheat Intercept/Stop Valve Leakage Tests	Boiler Efficiency Tests