

SettlementStatementFileSpec\_v17.1\_Appendix\_C

Date	Charge Type	Revision Made
2/13/1998	n/a	This document is delivered by vendor.
4/16/1998	301	Uncheck Price field as a result of change in BEEP pricing method.
8/20/1998	1,2,3,4,51,52,53,54	A/S FERC Cap change and individual intertie schedules - added columns
11/24/1998	All	Add a sheet to describe the required fields for Manual Line Item records.
12/4/1998	352	Add columns for individual intertie schedules.
12/7/1998	255	Add charge to matrix.
		Day Ahead Quantity = day-ahead total path utilization
		Hour Ahead Quantity = hour-ahead total path utilization
		Percent Owned = TO percentage
		Price = day-ahead path congestion price
12/7/1998	256	Add charge to matrix.
		Billable Quantity = SC utilization for path
		Day Ahead Allocation Amount = day-ahead total path utilization
		Hour-Ahead Allocation Amount = hour-ahead total path utilization
		Zonal Price = hour-ahead path congestion price
		Total Congestion Settlement = TO Debit settlement amount
		Total Charge/Refund = Total dollar to be recovered in charge type 256
		Price = unit price for SC
12/7/1998	n/a	Rename the following column headings:
		Day Ahead Load/Export --> Day Ahead Allocation Quantity
		Hour Ahead Load/Export --> Hour Ahead Allocation Quantity
12/14/1998	n/a	Rename the following column headings:
		Total Congestion Stlmt --> Total Congestion Stlmt / Debit
		Price for Zone --> Zonal / Path Price
		Total Measured Quantity --> Allocation Base
12/14/1998	256	Add column for charge
		Allocation Base = Total utilization for path with congestion flow for all 'SC's
1/4/1999	n/a	Remove unused columns: GEN_IMP_DEV, LOAD_EXP_DEV and BA_UFE.
		Switch column order for "Total Forward Market Settlement" and "Total Forward Market Quantity" (to be consistent with statement file layout).
1/25/1999	256	Shorten Charge Type name.
3/3/1999	n/a	Rename Percent Owned --> Percent Entitlement
	354	Additional columns are populated for charge
		Total Load/Export = Total load and export wheeled out at the given location
		Total Charge/Refund Amt = Total amount collected due to Wheeling Charges at the given location
		The Percentage Entitlement column now contains the TO's percentage revenue requirement.
	256	Zone ID is now used to indicate the direction of the congestion.
3/3/1999	n/a	Rename the following column headings:
		Percentage Exemption --> TO Percent Ownership/Percent Exemption
		NSP Repl Reserve Qty --> BA NSP/FTR Quantity
		Tot NSP Repl Reserve Qty --> Total NSP/FTR Quantity
	204, 254, 255	Additional columns are populated for given charges:
		TO Percentage Ownership/Percentage Exemption = TO's Percentage Ownership of the given path
		BA NSP/FTR Quantity = The Business Associate's FTR amount
		Total NSP/FTR Quantity = MW Rights of all FTRs for the given path
		Percentage Entitlement contains the TO's or FTR holder's percentage share of the congestion revenue.
4/26/1999	n/a	Rename the following column headings:
		BA NSP/FTR Quantity --> Individual Allocation Quantity
		Total BA NSP/FTR Quantity --> Total Allocation Quantity
4/26/1999	5, 6, 55, 56 130, 131	Add new charge types to matrix. These charges are created as a result of A/S redesign

## SettlementStatementFileSpec\_v17.1\_Appendix\_C

Date	Charge Type	Revision Made
		Charge Type 5 - DA Regulation Up due SC
		Charge Type 55 - HA Regulation Up due SC
		Charge Type 6 - DA Regulation Down due SC
		Charge Type 56 - HA Regulation Down due SC
		Charge Type 130 - No pay adjustment due to insufficient energy in response to dispatched instruction
		Charge Type 131 - No pay adjustment due to reduction in available capacity as a result of uninstructed deviation
	111, 112, 114, 115, 116	Add new charge types to matrix. These charges are created as a result of A/S redesign
		Charge Type 111 - Spin reserve due ISO replaces existing charge types of 101 and 151.
		Charge Type 112 - Non-spin reserve due ISO replaces existing charge types of 102 and 152.
		Charge Type 114 - Replacement reserve due ISO replaces existing charge types of 303 and 304.
		Charge Type 115 - Regulation Up due ISO neutralizes new charge types 5 and 55
		Charge Type 116 - Regulation Down due ISO neutralizes new charge types 6 and 56
	1011, 1030	Add new charge types to matrix. These charges are created as a result of A/S redesign
		Charge Type 1011 - Rational Buyer Ancillary Service Neutrality Adjustment
		Charge Type 1030 - No Pay Provision Neutrality Adjustment
	502, 503, 505	Add new charge types to matrix. These charges are created as a result of A/S redesign (Effective Price scheme)
		Price = Effective Price - Expost Price
		Bid Price = Effective Price
		Zonal/ Path Price = Expost Price
		Total Metered Quantity = metered quantity
		Hour Ahead Quantity = final hour-ahead schedule
		Operational Adjustment = Gadj, Ladj, or ladj as appropriate
		A/S & Supplemental Energy = Dispatched Ancillary Service Energy (Ga/s, La/s, or Ia/s)
5/10/1999	1011, 1030	Change Charge Type name.
5/12/1999	Manual Line Item Details	Add new charge types for A/S Redesign and mark the retiring charge types.
10/20/1999	204, 254, 255	The data field "Day Ahead Allocation Quantity" is now populated.
2/17/2000	61,62,64,65,66,71,72,74,75,76,81,82,83,84,85,86,410,1061,1062,1064,1065,1066	New charge types for RMR work item.
		61 to 66 – HA RMR Preemption of Ancillary Services using HA price
		71 to 76 – RT RMR Preemption of Ancillary Services using DA price
		81 to 86 – RT RMR Preemption of Ancillary Services using HA price
		1061 to 1066 – Distribution of Preempted Ancillary Services
		410 – Unscheduled RMR Energy
2/29/2000	407, 141, 142, 144	New charge types for 10-minute Settlement work item.
		407 – Uninstructed Energy
		141 – No Pay Charge - Spinning Reserve
		142 – No Pay Charge - Non Spinning Reserve
		144 – No Pay Charge - Replacement Reserve
	301	Modify Charge Name
	410	Remove check mark for Replacement Reserve Undispatch Qty field.
	1010	Add Charge Type (existing) for clarity.
	130, 131	Mark Charge Types as retired.

## SettlementStatementFileSpec\_v17.1\_Appendix\_C

Date	Charge Type	Revision Made
	402, 403, 404, 405	Mark Charge Types as retired.
	502, 503, 505	Mark Charge Types as retired.
3/13/2000	141, 142, 144	Check Location ID column.
5/5/2000	301	Restore the old definition for CT 301.
	401	Create new CT 401 for Instructed Energy (which was previously shown as CT 301).
5/30/2000	141, 142, 144	Mark Interchange ID as populated field.
10/30/2000	351	Mark Charge Type as retired.
10/30/2000	521	Add Charge Type
10/30/2000	522	Add Charge Type
10/30/2000	523	Add Charge Type
12/15/2000	352354	Mark Charge Type as retired
12/15/2000	372,374,	Add Charge Types
	382, 383, 384, 385	
		372- High Voltage Access Charge due ISO
		374- High Voltage Access Revenue due TO
		382- High Voltage Wheeling Charge due ISO
		383- Low Voltage Wheeling Charge due ISO
		384- High Voltage Wheeling Revenue due TO
		385- Low Voltage Wheeling Revenue due TO
1/9/2001	481, 487	Add Charge Types:
		481 Excess Cost for Instructed Energy
		487 Allocation of Excess cost for Instructed Energy
5/1/2001	487	Changed the allocation basis from region to control area. Removed the check mark for "Region ID" field.
7/26/2001	591, 592	Add new Charge Types :
		591 – Emissions Cost Recovery
		592 – Start-Up Cost Recovery
8/1/2001	593, 594	Add new Charge Types
		593 – Emissions Cost Due Trustee
		594 – Start-Up Cost Due Trustee
9/20/2001	24, 124	Add new Charge Types:
		24 – Dispatched Replacement Reserve (Bid-In Capacity Withhold
		124 – Dispatched Replacement Reserve (Self-Provided) Capacity Withhold
1/17/2002	524	Add new Charge Type 524.
1/17/2002	Appendix A	From now on, column values shall be interpreted as 'M' - Mandatory; 'C' - Conditional and Blanks - No Value against the corresponding charge types. This notation replaces the 'X' marks that were used against the columns to denote whether a column may be populated or not.
1/17/2002	Appendix B	From now on, column values shall be interpreted as 'M' - Mandatory; 'C' - Conditional and Blanks - No Value against the corresponding charge types. This notation replaces the 'X' marks that were used against the columns to denote whether a column may be populated or not.
1/17/2002	Appendix B	The Appendix B has been re-organized and all Charge Types (Automated and Manual) have been consolidated. Charge Types are now arranged in ascending order of Charge Types IDs.
2/1/2002	691, 692	Add new Charge Types to Appendix B.
	3302, 3353	Restore unused Charge Types to Appendix B (for completeness).
	521, 522, 524	Modify Charge names to match with those in Tariff.
2/4/2002	302	Remove Charge Type from Appendix A. CT 302 is a Manual Charge Type.
2/21/2002	401, 481	Clarify the use of external Zone ID.
	302	Mark Location ID and Zone ID as unused in Appendix B.
7/3/2002	1481	Add new charge type in Appendix A and Appendix B
		1481 – Excess Cost Neutrality Allocation
9/24/2002	3372,3374,	Added New Charge Types

SettlementStatementFileSpec\_v17.1\_Appendix\_C

Date	Charge Type	Revision Made
	3382,3383,3384,3385, 595,695,2999	3372- High Voltage Access Charge adjustments due ISO
		3374- High Voltage Access Revenue adjustments due PTO
		3382- High Voltage Wheeling Access Charge adjustment due ISO
		3383- Low Voltage Wheeling Access Charge adjustment due ISO
		3384- High Voltage Wheeling Access Revenue adjustment due PTO
		3385- Low Voltage Wheeling Access Revenue adjustment due PTO
		595-Minimum Load Cost Allocation Due ISO
		695--Minimum Load Cost Compensation Due SC
		2999-Interest due SC
9/27/2002	145, 146, 1407, 2407, 547	Added the following new charge types to Appendix A
9/27/2002	Added the 2 new sections	8.7 RPM Records 8.8 Metered Sub System Measurement Detail Records
		8.8 Metered Subsystem Measurement records
10/21/2002	451, 452	Retired
10/21/2002	271, 1277, 272, 1278	New charge types created.
10/21/2002		Added 1 new section 8.9 Bid Cap Exception records.
12/13/2002		Service Type 'O' removed from Sections 8.6 and 8.9
		Instruction Types 'DEC', 'RLI','RLD','LMI','LMD','OMI' and 'OMD' are removed from Sections 8.6 and 8.9
8/25/2003	1010, 1999, 1401, 4999	<ul style="list-style-type: none"> <li>Retired CT's 1010 and 1999</li> <li>Added CT 1401 (Automated and Manual) and CT 4999 (Manual)</li> </ul>
9/4/2003	701, 702, 711, 721, 731	Added the following charge types to Appendices A and B: 701 – Forecasting Service Fee 702 – Forecasting Service Fee Due Trustee 711 – Intermittent Resources Net Deviation 721 – Intermittent Resources Net Deviation Allocation Charge 731 – Intermittent Resources Net Deviation Reversal  Added flag PIR_REG_FLG to Section 8.2 Instructed and Uninstructed Energy Detail records  Added flag PIR Flag to Section 7.5 Replacement Reserve records Added PIRP monthly zonal MCP records as Section 9.3 Added PIRP forecasting service rate records as Section 9.4
1/22/2004	521,524	Retired CTs 521 and 524
	532,534,570,571,573,575	Added the following Charge Types to Appendices A and B: 532 GMC - Energy Transmission Services – Uninstructed Deviation Charge 534 GMC - Market Usage Charge 570 GMC - Core Reliability Service Charge 571 GMC - Energy Transmission Services – Net Energy Charge 573 GMC - Forward Scheduling Charge 575 GMC - Settlements, Metering and Client Relations Charge  Following sections are modified in the GMC, Wheeling & Market Uplifts Detail File Section 4.5 is completely replaced. A new section 4.6 is added. Section 9.5 of Settlement Prices file is modified.
3/8/2004	790,791,792,793	Added the following charge types to Appendix B Market Transaction Bill Period Adjustment Management Charge Bill Period Adjustment Bill Period Adjustment Access Charge Refund Bill Period Adjustment  790 – 791 – Grid 792 – FERC Fee 793 - Transmission

## SettlementStatementFileSpec\_v17.1\_Appendix\_C

Date	Charge Type	Revision Made
2/1/2004	141, 142, 144, 271, 272, 401, 406, 407, 410, 481, 487, 595, 695, 1481	Retired
	1470, 1471, 1680, 4141, 4142, 4144, 4271, 4272, 4401, 4406, 4407, 4410, 4450, 4470, 4480, 4481, 4487, 4660, 4680, 4695	New charge types created.
		Section 4.5 is removed. New section to provide GMC details is yet to be defined.
		Section 7.5 that provides Replacement Reserve details is modified
		Entire Section 8 that provides the Imbalance Energy details is removed and an entirely new Section is provided in its place to provide Imbalance Energy details
		Section 9.5 is modified. New Sections 9.3, 9.4, 9.5 are introduced.
4/15/2004		Section 8.18 UFE Details is modified to include UDC Scheduled Exports that was missed in V17.0A
10/20/2004	532, 534	Retired
	572, 574, 1699, 1698, 1697, 1691	New Charge Types for A60 MLCC
		Section 8.10 Minimum Load Cost Details (Subhour) is modified to include ML_TYPE (Amendment 60).
		Section 8.11 MLCC Allocation Details is replaced with MLCC Allocation Zonal Local Reliability, TIER1 and Neutrality Details respectively in Sections 8.11, 8.13 and 8.14
		Section 8.17 Uninstructed Deviation Penalty Details is modified to include 6 new columns (tolerance band, aggregated tolerance band, DOPD, Aggregation DOPD, Aggregation Rerate Energy, Adjusted Aggregation DOPD).
4/5/2005	579	New Manual Charge Type for GMC that is a combination of many new GMC charges assessed as per proposed GMC scheme
<b>LEGEND</b>		Latest Changes