

INVOICE NUMBER: 2013113000063
CUSTOMER ACCOUNT: Appalachian Power Company (AEP Generation)
CUSTOMER IDENTIFIERS: AEPSCG (63)
FINAL BILLING STATEMENT ISSUED: 12/06/2013 10:51:39
BILLING PERIOD: 11/01/2013 to 11/30/2013

Monthly Billing Total: \$140,607,248.51
Previous Weekly Billing Total: \$112,245,313.62

Monthly Billing Statement Summary	Total
Total Net Charge. Please Pay This Amount.	\$28,361,934.89

TERMS: PAYABLE IN FULL BY 12:00 PM EPT ON 12/13/2013
WIRE TRANSFER FUNDS TO: PJM SETTLEMENT, INC.
PNC Bank, N.A.
Pittsburgh, PA
[REDACTED]
[REDACTED]

FOR INQUIRIES CONTACT:

PJM MEMBER RELATIONS (Banking / Payment): custsvc@pjm.com (866) 400-8980

PJM MARKET SETTLEMENTS (Billing Line Items): mrkt_settlement_ops@pjm.com (866) 400-8980

ADDITIONAL BILLING STATEMENT INFORMATION:

This cover page includes PJM Settlement, Inc. banking information that is NOT to be publicly shared. In order to reduce the risk of potential fraud, please redact any PJM Settlement banking information prior to including these billing statements in any public documents.



David Budney
Manager, PJM Market Settlement Operations

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CHARGES	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
1100		Network Integration Transmission Service		\$41,931,430.23
1108		Transmission Enhancement		\$4,276,627.59
1120		Other Supporting Facilities		\$52,773.00
1130		Firm Point-to-Point Transmission Service		\$0.00
1140		Non-Firm Point-to-Point Transmission Service		\$12.06
1200		Day-ahead Spot Market Energy		\$88,709,405.67
1205		Balancing Spot Market Energy		\$3,998,909.59
1210		Day-ahead Transmission Congestion		\$(2,702,504.08)
1215		Balancing Transmission Congestion		\$(271,775.83)
1220		Day-ahead Transmission Losses		\$4,686,062.29
1225		Balancing Transmission Losses		\$(34,604.38)
1230		Inadvertent Interchange		\$(128,044.47)
1242		Day-Ahead Load Response Charge Allocation		\$28,210.87
1243		Real-Time Load Response Charge Allocation		\$35,170.91
1245		Emergency Load Response		\$10,313.98
1250		Meter Error Correction		\$(10,697.25)
1301		PJM Scheduling, System Control and Dispatch Service - Control Area Administration		\$1,242,193.92
1302		PJM Scheduling, System Control and Dispatch Service - FTR Administration		\$21,226.35
1303		PJM Scheduling, System Control and Dispatch Service - Market Support		\$450,877.95
1304		PJM Scheduling, System Control and Dispatch Service - Regulation Market Administration		\$10,865.31
1305		PJM Scheduling, System Control and Dispatch Service - Capacity Resource/Obligation Mgmt.		\$118,317.45
1306		PJM Scheduling, System Control and Dispatch Service - Advanced Second Control Center		\$235,159.37
1307		PJM Scheduling, System Control and Dispatch Service - Market Support Offset		\$(44,636.45)
1308		PJM Scheduling, System Control and Dispatch Service Refund - Control Area Administration		\$(342,851.39)
1309		PJM Scheduling, System Control and Dispatch Service Refund - FTR Administration		\$(3,446.55)
1310		PJM Scheduling, System Control and Dispatch Service Refund - Market Support		\$(128,032.87)
1311		PJM Scheduling, System Control and Dispatch Service Refund - Regulation Market Administration		\$(3,741.39)
1312		PJM Scheduling, System Control and Dispatch Service Refund - Capacity Resource/Obligation Mgmt.		\$(29,031.60)
1313		PJM Settlement, Inc.		\$44,636.45
1314		Market Monitoring Unit (MMU) Funding		\$46,263.42
1315		FERC Annual Recovery		\$436,823.47
1316		Organization of PJM States, Inc. (OPSI) Funding		\$5,065.68
1317		North American Electric Reliability Corporation (NERC)		\$73,087.83

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1318	Reliability First Corporation (RFC)	\$104,515.61
1320	Transmission Owner Scheduling, System Control and Dispatch Service	\$608,888.44
1330	Reactive Supply and Voltage Control from Generation and Other Sources Service	\$2,337,534.03
1340	Regulation and Frequency Response Service	\$1,167,088.80
1360	Synchronized Reserve	\$173,936.98
1362	Non-Synchronized Reserve	\$17,202.83
1365	Day-ahead Scheduling Reserve	\$605.45
1370	Day-ahead Operating Reserve	\$314,178.07
1375	Balancing Operating Reserve	\$711,861.11
1376	Balancing Operating Reserve for Load Response	\$3,184.66
1377	Synchronous Condensing	\$15.10
1378	Reactive Services	\$5,074,123.27
1380	Black Start Service	\$4,408,582.50
1400	Load Reconciliation for Spot Market Energy	\$1,509,830.66
1410	Load Reconciliation for Transmission Congestion	\$(363,586.24)
1420	Load Reconciliation for Transmission Losses	\$(54,966.91)
1430	Load Reconciliation for Inadvertent Interchange	\$(111.26)
1440	Load Reconciliation for PJM Scheduling, System Control and Dispatch Service	\$8,563.89
1441	Load Reconciliation for PJM Scheduling, System Control and Dispatch Service Refund	\$(298.59)
1442	Load Reconciliation for Schedule 9-6 - Advanced Second Control Center	\$1,078.63
1444	Load Reconciliation for Market Monitoring Unit (MMU) Funding	\$158.84
1445	Load Reconciliation for FERC Annual Recovery	\$2,467.56
1446	Load Reconciliation for Organization of PJM States, Inc. (OPSI) Funding	\$28.62
1447	Load Reconciliation for North American Electric Reliability Corporation (NERC)	\$414.72
1448	Load Reconciliation for Reliability First Corporation (RFC)	\$593.04
1450	Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	\$3,438.00
1460	Load Reconciliation for Regulation and Frequency Response Service	\$7,195.50
1470	Load Reconciliation for Synchronized Reserve	\$673.97
1472	Load Reconciliation for Non-Synchronized Reserve	\$206.09
1475	Load Reconciliation for Day-ahead Scheduling Reserve	\$2,444.93
1478	Load Reconciliation for Balancing Operating Reserve	\$2,330.77
1490	Load Reconciliation for Reactive Services	\$12,957.68
1500	Financial Transmission Rights Auction	\$3,730,832.70
1600	RPM Auction	\$1,165.50
1720	RTO Start-up Cost Recovery	\$132,624.56
1730	Expansion Cost Recovery	\$81,218.21

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1995		PJM Annual Membership Fee		\$5,000.00
1120	A	Other Supporting Facilities	08/01/2013	\$(99.60)
1120	A	Other Supporting Facilities	10/01/2013	\$22,687.84
1140	A	Non-Firm Point-to-Point Transmission Service	10/01/2013	\$368.50
1218	A	Planning Period Congestion Uplift	05/01/2013	\$212.45
1304	A	PJM Scheduling, System Control and Dispatch Service - Regulation Market Administration	06/01/2013	\$(0.31)
1304	A	PJM Scheduling, System Control and Dispatch Service - Regulation Market Administration	07/01/2013	\$(0.44)
1304	A	PJM Scheduling, System Control and Dispatch Service - Regulation Market Administration	08/01/2013	\$6.77
1306	A	PJM Scheduling, System Control and Dispatch Service - Advanced Second Control Center	07/01/2013	\$0.06
1306	A	PJM Scheduling, System Control and Dispatch Service - Advanced Second Control Center	08/01/2013	\$(0.21)
1308	A	PJM Scheduling, System Control and Dispatch Service Refund - Control Area Administration	10/01/2013	\$(114,471.12)
1309	A	PJM Scheduling, System Control and Dispatch Service Refund - FTR Administration	10/01/2013	\$(1,741.28)
1310	A	PJM Scheduling, System Control and Dispatch Service Refund - Market Support	10/01/2013	\$(61,003.41)
1311	A	PJM Scheduling, System Control and Dispatch Service Refund - Regulation Market Administration	06/01/2013	\$0.02
1311	A	PJM Scheduling, System Control and Dispatch Service Refund - Regulation Market Administration	07/01/2013	\$0.01
1311	A	PJM Scheduling, System Control and Dispatch Service Refund - Regulation Market Administration	08/01/2013	\$(0.29)
1311	A	PJM Scheduling, System Control and Dispatch Service Refund - Regulation Market Administration	10/01/2013	\$(1,372.11)
1312	A	PJM Scheduling, System Control and Dispatch Service Refund - Capacity Resource/Obligation Mgmt.	10/01/2013	\$(10,897.12)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	01/01/2013	\$(92.49)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	02/01/2013	\$(91.18)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	03/01/2013	\$(90.06)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	04/01/2013	\$(90.68)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	05/01/2013	\$(89.63)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	06/01/2013	\$(91.94)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	07/01/2013	\$(94.57)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	08/01/2013	\$(88.15)

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1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	09/01/2013	\$(98.41)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	10/01/2013	\$(97.40)
1340	A	Regulation and Frequency Response Service	06/01/2013	\$11.20
1340	A	Regulation and Frequency Response Service	07/01/2013	\$(2,567.45)
1340	A	Regulation and Frequency Response Service	08/01/2013	\$629.18
1360	A	Synchronized Reserve	08/01/2013	\$6.59
1360	A	Synchronized Reserve	10/01/2013	\$242.15
1375	A	Balancing Operating Reserve	01/01/2011	\$(96,309.19)
1375	A	Balancing Operating Reserve	02/01/2011	\$(96,424.58)
1375	A	Balancing Operating Reserve	03/01/2011	\$(123,001.26)
1375	A	Balancing Operating Reserve	09/01/2011	\$7,252.53
1375	A	Balancing Operating Reserve	10/01/2011	\$2,065.29
1375	A	Balancing Operating Reserve	06/01/2013	\$(13,283.20)
1375	A	Balancing Operating Reserve	07/01/2013	\$(89,406.76)
1375	A	Balancing Operating Reserve	08/01/2013	\$(3,188.37)
1375	A	Balancing Operating Reserve	09/01/2013	\$2,803.86
1375	A	Balancing Operating Reserve	10/01/2013	\$(3,078.43)
1376	A	Balancing Operating Reserve for Load Response	10/01/2013	\$(0.45)
1378	A	Reactive Services	07/01/2013	\$(34,050.68)
1378	A	Reactive Services	08/01/2013	\$56,299.70
1378	A	Reactive Services	09/01/2013	\$332,558.07
1378	A	Reactive Services	10/01/2013	\$398,288.70
1380	A	Black Start Service	10/01/2013	\$36.57
1670	A	FRR LSE Reliability Charge	11/01/2013	\$(4,861,917.67)
1911	A	Michigan - Ontario Interface Phase Angle Regulators	10/01/2013	\$22,764.51

Total Charges **\$158,052,540.41**

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CREDITS	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
2100		Network Integration Transmission Service		\$0.00
2130		Firm Point-to-Point Transmission Service		\$560,296.34
2140		Non-Firm Point-to-Point Transmission Service		\$71,008.17
2210		Transmission Congestion		\$2,135,854.60
2220		Transmission Losses		\$2,527,271.81
2320		Transmission Owner Scheduling, System Control and Dispatch Service		\$0.00
2330		Reactive Supply and Voltage Control from Generation and Other Sources Service		\$2,894,190.98
2340		Regulation and Frequency Response Service		\$63,831.43
2360		Synchronized Reserve		\$91,550.86
2362		Non-Synchronized Reserve		\$0.11
2365		Day-ahead Scheduling Reserve		\$400.11
2370		Day-ahead Operating Reserve		\$3,593,918.51
2375		Balancing Operating Reserve		\$204,948.67
2378		Reactive Services		\$10,753.82
2380		Black Start Service		\$15,909.74
2420		Load Reconciliation for Transmission Losses		\$16,465.64
2500		Financial Transmission Rights Auction		\$56,819.70
2510		Auction Revenue Rights		\$4,438,832.27
2600		RPM Auction		\$583,412.10
2640		Incremental Capacity Transfer Rights		\$161,591.44
2912		CT Lost Opportunity Cost Allocation		\$4,999.50
2140	A	Non-Firm Point-to-Point Transmission Service	10/01/2013	\$5,323.29
2210	A	Transmission Congestion	01/01/2011	\$(0.01)
2210	A	Transmission Congestion	02/01/2011	\$0.03
2210	A	Transmission Congestion	03/01/2011	\$0.00
2210	A	Transmission Congestion	04/01/2013	\$(77.00)
2210	A	Transmission Congestion	08/01/2013	\$1,227.37
2210	A	Transmission Congestion	10/01/2013	\$(3.49)
2218	A	Planning Period Congestion Uplift	05/01/2013	\$77.00
2220	A	Transmission Losses	01/01/2011	\$(0.11)
2220	A	Transmission Losses	02/01/2011	\$0.09
2220	A	Transmission Losses	03/01/2011	\$0.04
2220	A	Transmission Losses	08/01/2013	\$57.99
2220	A	Transmission Losses	10/01/2013	\$(38.45)
2375	A	Balancing Operating Reserve	08/01/2013	\$3,431.44
2375	A	Balancing Operating Reserve	10/01/2013	\$3,237.91

Total Credits **\$17,445,291.90**