

**INVOICE NUMBER:** 2013123111485  
**CUSTOMER ACCOUNT:** Appalachian Power Company (Buckeye)  
**CUSTOMER IDENTIFIERS:** AEPBCK (11485)  
**FINAL BILLING STATEMENT ISSUED:** 01/08/2014 10:30:46  
**BILLING PERIOD:** 12/01/2013 to 12/31/2013

**Monthly Billing Total:** \$35,893,545.83  
**Previous Weekly Billing Total:** \$27,667,491.47

Monthly Billing Statement Summary	Total
<b>Total Net Charge. Please Pay This Amount.</b>	<b>\$8,226,054.36</b>

**TERMS:** PAYABLE IN FULL BY 12:00 PM EPT ON 01/17/2014  
**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

**CUSTOMER ACCOUNT:** Appalachian Power Company (Buckeye)  
**CUSTOMER IDENTIFIERS:** AEPBCK (11485)  
**FINAL BILLING STATEMENT ISSUED:** 01/08/2014 10:30:46  
**BILLING PERIOD:** 12/01/2013 to 12/31/2013

CHARGES	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
1100		Network Integration Transmission Service		\$3,374,123.08
1101		Network Integration Transmission Service (ATSI Low Voltage)		\$218,005.95
1108		Transmission Enhancement		\$406,652.16
1120		Other Supporting Facilities		\$111,796.16
1130		Firm Point-to-Point Transmission Service		\$0.00
1140		Non-Firm Point-to-Point Transmission Service		\$0.00
1200		Day-ahead Spot Market Energy		\$30,072,790.46
1205		Balancing Spot Market Energy		\$282,677.33
1210		Day-ahead Transmission Congestion		\$(1,213,512.27)
1215		Balancing Transmission Congestion		\$1,357.05
1220		Day-ahead Transmission Losses		\$(626,694.64)
1225		Balancing Transmission Losses		\$12,759.52
1230		Inadvertent Interchange		\$(14,793.74)
1242		Day-Ahead Load Response Charge Allocation		\$1,453.96
1243		Real-Time Load Response Charge Allocation		\$2,361.37
1245		Emergency Load Response		\$373,265.09
1250		Meter Error Correction		\$4,057.97
1301		PJM Scheduling, System Control and Dispatch Service - Control Area Administration		\$138,016.30
1302		PJM Scheduling, System Control and Dispatch Service - FTR Administration		\$1,523.65
1303		PJM Scheduling, System Control and Dispatch Service - Market Support		\$31,908.62
1304		PJM Scheduling, System Control and Dispatch Service - Regulation Market Administration		\$1,077.31
1305		PJM Scheduling, System Control and Dispatch Service - Capacity Resource/Obligation Mgmt.		\$4,507.71
1306		PJM Scheduling, System Control and Dispatch Service - Advanced Second Control Center		\$18,703.01
1307		PJM Scheduling, System Control and Dispatch Service - Market Support Offset		\$(3,144.59)
1308		PJM Scheduling, System Control and Dispatch Service Refund - Control Area Administration		\$(38,093.17)
1309		PJM Scheduling, System Control and Dispatch Service Refund - FTR Administration		\$(243.66)
1310		PJM Scheduling, System Control and Dispatch Service Refund - Market Support		\$(9,044.80)
1311		PJM Scheduling, System Control and Dispatch Service Refund - Regulation Market Administration		\$(370.97)
1312		PJM Scheduling, System Control and Dispatch Service Refund - Capacity Resource/Obligation Mgmt.		\$(1,106.08)
1313		PJM Settlement, Inc.		\$3,144.59
1314		Market Monitoring Unit (MMU) Funding		\$3,268.69
1315		FERC Annual Recovery		\$48,534.10
1316		Organization of PJM States, Inc. (OPSI) Funding		\$562.82

**CUSTOMER ACCOUNT:** Appalachian Power Company (Buckeye)  
**CUSTOMER IDENTIFIERS:** AEPBCK (11485)  
**FINAL BILLING STATEMENT ISSUED:** 01/08/2014 10:30:46  
**BILLING PERIOD:** 12/01/2013 to 12/31/2013

1317	North American Electric Reliability Corporation (NERC)	\$8,156.99
1318	Reliability First Corporation (RFC)	\$11,664.49
1320	Transmission Owner Scheduling, System Control and Dispatch Service	\$61,215.04
1330	Reactive Supply and Voltage Control from Generation and Other Sources Service	\$230,079.59
1340	Regulation and Frequency Response Service	\$130,686.25
1360	Synchronized Reserve	\$47,583.53
1362	Non-Synchronized Reserve	\$1,509.92
1365	Day-ahead Scheduling Reserve	\$300.18
1370	Day-ahead Operating Reserve	\$68,275.52
1371	Day-ahead Operating Reserve for Load Response	\$4,814.40
1375	Balancing Operating Reserve	\$130,636.00
1376	Balancing Operating Reserve for Load Response	\$(798.65)
1378	Reactive Services	\$550,565.14
1380	Black Start Service	\$187,831.10
1400	Load Reconciliation for Spot Market Energy	\$3,743.07
1410	Load Reconciliation for Transmission Congestion	\$(91.21)
1420	Load Reconciliation for Transmission Losses	\$(362.13)
1430	Load Reconciliation for Inadvertent Interchange	\$6.16
1440	Load Reconciliation for PJM Scheduling, System Control and Dispatch Service	\$7.59
1441	Load Reconciliation for PJM Scheduling, System Control and Dispatch Service Refund	\$(2.11)
1442	Load Reconciliation for Schedule 9-6 - Advanced Second Control Center	\$1.00
1444	Load Reconciliation for Market Monitoring Unit (MMU) Funding	\$0.16
1445	Load Reconciliation for FERC Annual Recovery	\$2.19
1446	Load Reconciliation for Organization of PJM States, Inc. (OPSI) Funding	\$0.03
1447	Load Reconciliation for North American Electric Reliability Corporation (NERC)	\$0.37
1448	Load Reconciliation for Reliability First Corporation (RFC)	\$0.53
1450	Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	\$13.04
1460	Load Reconciliation for Regulation and Frequency Response Service	\$27.51
1470	Load Reconciliation for Synchronized Reserve	\$15.39
1472	Load Reconciliation for Non-Synchronized Reserve	\$0.74
1475	Load Reconciliation for Day-ahead Scheduling Reserve	\$(0.02)
1478	Load Reconciliation for Balancing Operating Reserve	\$(2.11)
1490	Load Reconciliation for Reactive Services	\$(214.30)
1500	Financial Transmission Rights Auction	\$237,030.03
1610	Locational Reliability	\$1,484,202.50

**CUSTOMER ACCOUNT:** Appalachian Power Company (Buckeye)  
**CUSTOMER IDENTIFIERS:** AEPBCK (11485)  
**FINAL BILLING STATEMENT ISSUED:** 01/08/2014 10:30:46  
**BILLING PERIOD:** 12/01/2013 to 12/31/2013

1670		FRR LSE Reliability Charge		\$54,920.22
1687		FRR LSE Schedule 9-5		\$125.86
1688		FRR LSE Schedule 9-6		\$2.65
1720		RTO Start-up Cost Recovery		\$9,002.40
1730		Expansion Cost Recovery		\$6,755.83
1120	A	Other Supporting Facilities	09/01/2013	\$(189.60)
1120	A	Other Supporting Facilities	11/01/2013	\$39,311.09
1120	A	Other Supporting Facilities	12/01/2013	\$27,830.48
1218	A	Planning Period Congestion Uplift	05/01/2013	\$(32.65)
1245	A	Emergency Load Response	10/01/2013	\$14,371.09
1250	A	Meter Error Correction	11/01/2013	\$41.22
1304	A	PJM Scheduling, System Control and Dispatch Service - Regulation Market Administration	10/01/2012	\$(0.01)
1304	A	PJM Scheduling, System Control and Dispatch Service - Regulation Market Administration	03/01/2013	\$(0.09)
1304	A	PJM Scheduling, System Control and Dispatch Service - Regulation Market Administration	04/01/2013	\$0.93
1304	A	PJM Scheduling, System Control and Dispatch Service - Regulation Market Administration	05/01/2013	\$0.06
1304	A	PJM Scheduling, System Control and Dispatch Service - Regulation Market Administration	06/01/2013	\$(0.10)
1304	A	PJM Scheduling, System Control and Dispatch Service - Regulation Market Administration	07/01/2013	\$0.18
1304	A	PJM Scheduling, System Control and Dispatch Service - Regulation Market Administration	10/01/2013	\$(0.08)
1304	A	PJM Scheduling, System Control and Dispatch Service - Regulation Market Administration	11/01/2013	\$0.92
1306	A	PJM Scheduling, System Control and Dispatch Service - Advanced Second Control Center	07/01/2013	\$0.01
1306	A	PJM Scheduling, System Control and Dispatch Service - Advanced Second Control Center	11/01/2013	\$(0.01)
1311	A	PJM Scheduling, System Control and Dispatch Service Refund - Regulation Market Administration	04/01/2013	\$(0.03)
1311	A	PJM Scheduling, System Control and Dispatch Service Refund - Regulation Market Administration	06/01/2013	\$(0.01)
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	10/01/2013	\$0.02
1311	A	PJM Scheduling, System Control and Dispatch Service Refund - Regulation Market Administration	11/01/2013	\$(0.31)
1317	A	North American Electric Reliability Corporation (NERC)	12/01/2013	\$9,095.43
1318	A	Reliability First Corporation (RFC)	12/01/2013	\$13,662.85
1340	A	Regulation and Frequency Response Service	10/01/2012	\$(2.03)
1340	A	Regulation and Frequency Response Service	03/01/2013	\$(17.13)
1340	A	Regulation and Frequency Response Service	04/01/2013	\$47.98
1340	A	Regulation and Frequency Response Service	05/01/2013	\$4.89
1340	A	Regulation and Frequency Response Service	06/01/2013	\$(18.65)

**CUSTOMER ACCOUNT:** Appalachian Power Company (Buckeye)  
**CUSTOMER IDENTIFIERS:** AEPBCK (11485)  
**FINAL BILLING STATEMENT ISSUED:** 01/08/2014 10:30:46  
**BILLING PERIOD:** 12/01/2013 to 12/31/2013

1340	A	Regulation and Frequency Response Service	07/01/2013	\$29.20
1340	A	Regulation and Frequency Response Service	10/01/2013	\$(8.27)
1340	A	Regulation and Frequency Response Service	11/01/2013	\$64.36
1360	A	Synchronized Reserve	11/01/2012	\$1.52
1360	A	Synchronized Reserve	08/01/2013	\$(0.08)
1362	A	Non-Synchronized Reserve	10/01/2012	\$0.05
1362	A	Non-Synchronized Reserve	11/01/2012	\$(0.01)
1362	A	Non-Synchronized Reserve	12/01/2012	\$0.02
1362	A	Non-Synchronized Reserve	03/01/2013	\$0.01
1370	A	Day-ahead Operating Reserve	03/01/2013	\$(5.07)
1370	A	Day-ahead Operating Reserve	05/01/2013	\$(112.62)
1370	A	Day-ahead Operating Reserve	06/01/2013	\$(0.90)
1370	A	Day-ahead Operating Reserve	09/01/2013	\$(20.26)
1375	A	Balancing Operating Reserve	07/01/2009	\$(1,666.21)
1375	A	Balancing Operating Reserve	08/01/2009	\$(3,170.95)
1375	A	Balancing Operating Reserve	09/01/2009	\$(1,320.29)
1375	A	Balancing Operating Reserve	01/01/2012	\$166.49
1375	A	Balancing Operating Reserve	02/01/2012	\$116.47
1375	A	Balancing Operating Reserve	03/01/2012	\$105.63
1375	A	Balancing Operating Reserve	04/01/2012	\$49.78
1375	A	Balancing Operating Reserve	06/01/2012	\$(402.55)
1375	A	Balancing Operating Reserve	07/01/2012	\$(765.94)
1375	A	Balancing Operating Reserve	08/01/2012	\$(475.90)
1375	A	Balancing Operating Reserve	09/01/2012	\$9.90
1375	A	Balancing Operating Reserve	10/01/2012	\$139.14
1375	A	Balancing Operating Reserve	11/01/2012	\$(45.67)
1375	A	Balancing Operating Reserve	12/01/2012	\$175.84
1375	A	Balancing Operating Reserve	01/01/2013	\$22.83
1375	A	Balancing Operating Reserve	02/01/2013	\$87.36
1375	A	Balancing Operating Reserve	03/01/2013	\$(185.36)
1375	A	Balancing Operating Reserve	04/01/2013	\$209.61
1375	A	Balancing Operating Reserve	05/01/2013	\$160.81
1375	A	Balancing Operating Reserve	08/01/2013	\$284.99
1375	A	Balancing Operating Reserve	09/01/2013	\$11.42
1375	A	Balancing Operating Reserve	10/01/2013	\$92.43
1375	A	Balancing Operating Reserve	11/01/2013	\$(10,030.53)
1376	A	Balancing Operating Reserve for Load Response	10/01/2013	\$0.25
1378	A	Reactive Services	11/01/2013	\$(8,070.28)
1400	A	Load Reconciliation for Spot Market Energy	11/01/2013	\$25,097.38
1410	A	Load Reconciliation for Transmission Congestion	11/01/2013	\$(5,062.02)
1420	A	Load Reconciliation for Transmission Losses	11/01/2013	\$(723.72)
1430	A	Load Reconciliation for Inadvertent Interchange	11/01/2013	\$(9.15)
1440	A	Load Reconciliation for PJM Scheduling, System Control and Dispatch Service	11/01/2013	\$122.48
1441	A	Load Reconciliation for PJM Scheduling, System Control and Dispatch Service Refund	11/01/2013	\$(4.28)
1442	A	Load Reconciliation for Schedule 9-6 - Advanced Second Control Center	11/01/2013	\$15.41

**CUSTOMER ACCOUNT:** Appalachian Power Company (Buckeye)  
**CUSTOMER IDENTIFIERS:** AEPBCK (11485)  
**FINAL BILLING STATEMENT ISSUED:** 01/08/2014 10:30:46  
**BILLING PERIOD:** 12/01/2013 to 12/31/2013

1444	A	Load Reconciliation for Market Monitoring Unit (MMU) Funding	11/01/2013	\$2.26
1445	A	Load Reconciliation for FERC Annual Recovery	11/01/2013	\$35.30
1446	A	Load Reconciliation for Organization of PJM States, Inc. (OPSI) Funding	11/01/2013	\$0.41
1447	A	Load Reconciliation for North American Electric Reliability Corporation (NERC)	11/01/2013	\$5.93
1448	A	Load Reconciliation for Reliability First Corporation (RFC)	11/01/2013	\$8.49
1450	A	Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	11/01/2013	\$46.33
1460	A	Load Reconciliation for Regulation and Frequency Response Service	11/01/2013	\$124.88
1470	A	Load Reconciliation for Synchronized Reserve	11/01/2013	\$11.72
1472	A	Load Reconciliation for Non-Synchronized Reserve	11/01/2013	\$2.13
1475	A	Load Reconciliation for Day-ahead Scheduling Reserve	11/01/2013	\$53.98
1478	A	Load Reconciliation for Balancing Operating Reserve	11/01/2013	\$42.61
1490	A	Load Reconciliation for Reactive Services	11/01/2013	\$122.09
1911	A	Michigan - Ontario Interface Phase Angle Regulators	11/01/2013	\$2,348.05
1930	A	Generation Deactivation	11/01/2013	\$59,688.57
<b>Total Charges</b>				<b>\$36,594,730.38</b>

**CUSTOMER ACCOUNT:** Appalachian Power Company (Buckeye)  
**CUSTOMER IDENTIFIERS:** AEPBCK (11485)  
**FINAL BILLING STATEMENT ISSUED:** 01/08/2014 10:30:46  
**BILLING PERIOD:** 12/01/2013 to 12/31/2013

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		\$43,291.94
2140		Non-Firm Point-to-Point Transmission Service		\$5,890.63
2210		Transmission Congestion		\$(186,181.84)
2220		Transmission Losses		\$369,026.65
2320		Transmission Owner Scheduling, System Control and Dispatch Service		\$0.00
2330		Reactive Supply and Voltage Control from Generation and Other Sources Service		\$0.00
2340		Regulation and Frequency Response Service		\$0.00
2360		Synchronized Reserve		\$0.00
2365		Day-ahead Scheduling Reserve		\$0.00
2370		Day-ahead Operating Reserve		\$0.00
2375		Balancing Operating Reserve		\$0.00
2380		Black Start Service		\$0.00
2420		Load Reconciliation for Transmission Losses		\$70.36
2500		Financial Transmission Rights Auction		\$2,684.60
2510		Auction Revenue Rights		\$363,459.50
2640		Incremental Capacity Transfer Rights		\$16,461.62
2660		Demand Resource and ILR Compliance Penalty		\$81,473.33
2661		Capacity Resource Deficiency		\$1,319.67
2666		Load Management Test Failure		\$420.05
2912		CT Lost Opportunity Cost Allocation		\$223.20
2140	A	Non-Firm Point-to-Point Transmission Service	11/01/2013	\$330.80
2210	A	Transmission Congestion	07/01/2009	\$0.00
2210	A	Transmission Congestion	08/01/2009	\$0.00
2210	A	Transmission Congestion	09/01/2009	\$(0.01)
2210	A	Transmission Congestion	03/01/2013	\$2.96
2210	A	Transmission Congestion	04/01/2013	\$0.05
2210	A	Transmission Congestion	05/01/2013	\$11.86
2210	A	Transmission Congestion	06/01/2013	\$0.47
2210	A	Transmission Congestion	09/01/2013	\$17.12
2210	A	Transmission Congestion	10/01/2013	\$17.52
2218	A	Planning Period Congestion Uplift	05/01/2013	\$(14.87)
2220	A	Transmission Losses	07/01/2009	\$(0.01)
2220	A	Transmission Losses	08/01/2009	\$0.01
2220	A	Transmission Losses	09/01/2009	\$(0.01)
2420	A	Load Reconciliation for Transmission Losses	11/01/2013	\$262.51
2661	A	Capacity Resource Deficiency	06/01/2013	\$(60.63)
2661	A	Capacity Resource Deficiency	09/01/2013	\$(2.58)
2666	A	Load Management Test Failure	06/01/2013	\$406.50
2666	A	Load Management Test Failure	07/01/2013	\$420.05
2666	A	Load Management Test Failure	08/01/2013	\$420.05
2666	A	Load Management Test Failure	09/01/2013	\$406.50
2666	A	Load Management Test Failure	10/01/2013	\$420.05
2666	A	Load Management Test Failure	11/01/2013	\$406.50

**CUSTOMER ACCOUNT:** Appalachian Power Company (Buckeye)  
**CUSTOMER IDENTIFIERS:** AEPBCK (11485)  
**FINAL BILLING STATEMENT ISSUED:** 01/08/2014 10:30:46  
**BILLING PERIOD:** 12/01/2013 to 12/31/2013

---

**Total Credits** **\$701,184.55**