

**INVOICE NUMBER:** 2013123116617  
**CUSTOMER ACCOUNT:** Appalachian Power Company (City of Auburn)  
**CUSTOMER IDENTIFIERS:** AEPAUB (16617)  
**FINAL BILLING STATEMENT ISSUED:** 01/08/2014 10:30:46  
**BILLING PERIOD:** 12/01/2013 to 12/31/2013

**Monthly Billing Total:** \$1,456,774.57  
**Previous Weekly Billing Total:** \$1,197,823.80

Monthly Billing Statement Summary	Total
<b>Total Net Charge. Please Pay This Amount.</b>	<b>\$258,950.77</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



**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		\$168,689.60
1108		Transmission Enhancement		\$16,649.83
1120		Other Supporting Facilities		\$738.00
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		\$1,497,998.73
1205		Balancing Spot Market Energy		\$(166,349.03)
1210		Day-ahead Transmission Congestion		\$(61,934.96)
1215		Balancing Transmission Congestion		\$7,225.07
1220		Day-ahead Transmission Losses		\$(39,100.39)
1225		Balancing Transmission Losses		\$4,567.47
1230		Inadvertent Interchange		\$(686.62)
1242		Day-Ahead Load Response Charge Allocation		\$71.24
1243		Real-Time Load Response Charge Allocation		\$117.91
1245		Emergency Load Response		\$3,678.85
1250		Meter Error Correction		\$166.74
1301		PJM Scheduling, System Control and Dispatch Service - Control Area Administration		\$5,673.34
1302		PJM Scheduling, System Control and Dispatch Service - FTR Administration		\$77.19
1303		PJM Scheduling, System Control and Dispatch Service - Market Support		\$1,292.25
1304		PJM Scheduling, System Control and Dispatch Service - Regulation Market Administration		\$43.89
1305		PJM Scheduling, System Control and Dispatch Service - Capacity Resource/Obligation Mgmt.		\$0.00
1306		PJM Scheduling, System Control and Dispatch Service - Advanced Second Control Center		\$763.19
1307		PJM Scheduling, System Control and Dispatch Service - Market Support Offset		\$(124.08)
1308		PJM Scheduling, System Control and Dispatch Service Refund - Control Area Administration		\$(1,565.87)
1309		PJM Scheduling, System Control and Dispatch Service Refund - FTR Administration		\$(12.40)
1310		PJM Scheduling, System Control and Dispatch Service Refund - Market Support		\$(362.55)
1311		PJM Scheduling, System Control and Dispatch Service Refund - Regulation Market Administration		\$(15.09)
1313		PJM Settlement, Inc.		\$124.08
1314		Market Monitoring Unit (MMU) Funding		\$131.13
1315		FERC Annual Recovery		\$1,995.06
1316		Organization of PJM States, Inc. (OPSI) Funding		\$23.15
1317		North American Electric Reliability Corporation (NERC)		\$335.28
1318		Reliability First Corporation (RFC)		\$479.48
1320		Transmission Owner Scheduling, System Control and Dispatch Service		\$2,779.69

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1330		Reactive Supply and Voltage Control from Generation and Other Sources Service		\$8,912.41
1340		Regulation and Frequency Response Service		\$5,531.86
1360		Synchronized Reserve		\$2,111.52
1362		Non-Synchronized Reserve		\$63.22
1365		Day-ahead Scheduling Reserve		\$12.98
1370		Day-ahead Operating Reserve		\$2,976.92
1371		Day-ahead Operating Reserve for Load Response		\$221.68
1375		Balancing Operating Reserve		\$10,791.00
1376		Balancing Operating Reserve for Load Response		\$(22.06)
1378		Reactive Services		\$21,166.84
1380		Black Start Service		\$10,974.62
1500		Financial Transmission Rights Auction		\$15,083.98
1720		RTO Start-up Cost Recovery		\$533.51
1730		Expansion Cost Recovery		\$316.20
1120	A	Other Supporting Facilities	09/01/2013	\$(16.03)
1120	A	Other Supporting Facilities	11/01/2013	\$2,160.03
1245	A	Emergency Load Response	10/01/2013	\$488.03
1250	A	Meter Error Correction	11/01/2013	\$2.08
1304	A	PJM Scheduling, System Control and Dispatch Service - Regulation Market Administration	03/01/2013	\$(0.01)
1304	A	PJM Scheduling, System Control and Dispatch Service - Regulation Market Administration	04/01/2013	\$0.05
1304	A	PJM Scheduling, System Control and Dispatch Service - Regulation Market Administration	11/01/2013	\$0.05
1311	A	PJM Scheduling, System Control and Dispatch Service Refund - Regulation Market Administration	11/01/2013	\$(0.02)
1317	A	North American Electric Reliability Corporation (NERC)	12/01/2013	\$373.88
1318	A	Reliability First Corporation (RFC)	12/01/2013	\$561.63
1340	A	Regulation and Frequency Response Service	10/01/2012	\$(0.14)
1340	A	Regulation and Frequency Response Service	03/01/2013	\$(0.76)
1340	A	Regulation and Frequency Response Service	04/01/2013	\$3.02
1340	A	Regulation and Frequency Response Service	05/01/2013	\$0.35
1340	A	Regulation and Frequency Response Service	06/01/2013	\$(1.21)
1340	A	Regulation and Frequency Response Service	07/01/2013	\$1.28
1340	A	Regulation and Frequency Response Service	10/01/2013	\$(0.35)
1340	A	Regulation and Frequency Response Service	11/01/2013	\$3.50
1360	A	Synchronized Reserve	11/01/2012	\$0.11
1360	A	Synchronized Reserve	08/01/2013	\$(0.01)
1362	A	Non-Synchronized Reserve	10/01/2012	\$0.01
1362	A	Non-Synchronized Reserve	12/01/2012	\$0.02
1362	A	Non-Synchronized Reserve	01/01/2013	\$(0.01)
1362	A	Non-Synchronized Reserve	03/01/2013	\$(0.01)
1370	A	Day-ahead Operating Reserve	03/01/2013	\$(0.26)
1370	A	Day-ahead Operating Reserve	05/01/2013	\$(7.17)
1370	A	Day-ahead Operating Reserve	06/01/2013	\$(0.05)
1370	A	Day-ahead Operating Reserve	09/01/2013	\$(1.32)
1375	A	Balancing Operating Reserve	01/01/2012	\$11.45

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1375	A	Balancing Operating Reserve	02/01/2012	\$9.40
1375	A	Balancing Operating Reserve	03/01/2012	\$5.44
1375	A	Balancing Operating Reserve	04/01/2012	\$3.45
1375	A	Balancing Operating Reserve	06/01/2012	\$(17.54)
1375	A	Balancing Operating Reserve	07/01/2012	\$(43.44)
1375	A	Balancing Operating Reserve	08/01/2012	\$(1.35)
1375	A	Balancing Operating Reserve	09/01/2012	\$(10.16)
1375	A	Balancing Operating Reserve	10/01/2012	\$8.95
1375	A	Balancing Operating Reserve	11/01/2012	\$1.29
1375	A	Balancing Operating Reserve	12/01/2012	\$14.51
1375	A	Balancing Operating Reserve	01/01/2013	\$14.12
1375	A	Balancing Operating Reserve	02/01/2013	\$5.95
1375	A	Balancing Operating Reserve	03/01/2013	\$(11.34)
1375	A	Balancing Operating Reserve	04/01/2013	\$18.18
1375	A	Balancing Operating Reserve	05/01/2013	\$(35.95)
1375	A	Balancing Operating Reserve	08/01/2013	\$19.28
1375	A	Balancing Operating Reserve	09/01/2013	\$1.20
1375	A	Balancing Operating Reserve	10/01/2013	\$4.43
1375	A	Balancing Operating Reserve	11/01/2013	\$(441.98)
1376	A	Balancing Operating Reserve for Load Response	10/01/2013	\$0.02
1378	A	Reactive Services	11/01/2013	\$(817.55)
1911	A	Michigan - Ontario Interface Phase Angle Regulators	11/01/2013	\$118.63
<b>Total Charges</b>				<b>\$1,524,568.54</b>

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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		\$2,565.82
2140		Non-Firm Point-to-Point Transmission Service		\$276.63
2210		Transmission Congestion		\$30,346.38
2220		Transmission Losses		\$15,659.98
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
2510		Auction Revenue Rights		\$18,250.63
2640		Incremental Capacity Transfer Rights		\$650.07
2912		CT Lost Opportunity Cost Allocation		\$25.11
2140	A	Non-Firm Point-to-Point Transmission Service	11/01/2013	\$15.53
2210	A	Transmission Congestion	06/01/2013	\$0.41
2210	A	Transmission Congestion	09/01/2013	\$0.77
2210	A	Transmission Congestion	10/01/2013	\$2.64
<b>Total Credits</b>				<b>\$67,793.97</b>