

AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
CLASS DETAIL REPORT

CLASS: OPCO+CSP	2011	2012	2013	2014	2015	2016	2017	2018
LOAD RESULTS								
ENERGY SALES	56927.	53414.	53093.	53077.	52954.	52883.	52792.	52765.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	56927.	53414.	53093.	53077.	52954.	52883.	52792.	52765.
PEAK AT METER (NON COINC.)	9635.	9034.	8999.	8992.	8948.	8912.	8918.	8917.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	9635.	9034.	8999.	8992.	8948.	8912.	8918.	8917.
LOAD FACTOR	0.674	0.673	0.673	0.674	0.676	0.676	0.676	0.675
PEAK AT METER (COINC.)	9635.	9034.	8999.	8992.	8948.	8912.	8918.	8917.
PEAK LOSSES (COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (COINC.)	9635.	9034.	8999.	8992.	8948.	8912.	8918.	8917.
CAPACITY CREDIT (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
CUSTOMER COST (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
DSM EXPENSE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
EVALUATION EXPENSE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
EXTERNAL COST (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
FUEL SWITCH SAVINGS:								
RETAIL (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
WHOLESALE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
INCENTIVE PAYMENTS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
LOST REVENUES (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
SHAREHOLDER SAVINGS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL T&D CREDITS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
OTHER CUST. BENEFITS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.

CLASS: OPCO+CSP	2019	2020	2021	2022	2023	2024	2025	2026
LOAD RESULTS								
ENERGY SALES	52595.	52251.	52085.	52079.	52153.	52319.	52509.	52804.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	52595.	52251.	52085.	52079.	52153.	52319.	52509.	52804.
PEAK AT METER (NON COINC.)	8891.	8809.	8802.	8800.	8810.	8821.	8882.	8939.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	8891.	8809.	8802.	8800.	8810.	8821.	8882.	8939.
LOAD FACTOR	0.675	0.675	0.675	0.676	0.676	0.675	0.675	0.674
PEAK AT METER (COINC.)	8891.	8809.	8802.	8800.	8810.	8821.	8882.	8939.
PEAK LOSSES (COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (COINC.)	8891.	8809.	8802.	8800.	8810.	8821.	8882.	8939.
CAPACITY CREDIT (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
CUSTOMER COST (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
DSM EXPENSE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
EVALUATION EXPENSE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
EXTERNAL COST (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
FUEL SWITCH SAVINGS:								
RETAIL (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
WHOLESALE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
INCENTIVE PAYMENTS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
LOST REVENUES (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
SHAREHOLDER SAVINGS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL T&D CREDITS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
OTHER CUST. BENEFITS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.

CLASS: OPCO+CSP	2027	2028	2029	2030	2031	2032	2033	2034
LOAD RESULTS								
ENERGY SALES	44761.	45084.	45375.	45687.	46049.	46441.	46818.	47216.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	44761.	45084.	45375.	45687.	46049.	46441.	46818.	47216.
PEAK AT METER (NON COINC.)	7953.	8006.	8082.	8151.	8229.	8293.	8396.	8479.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.

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PEAK DEMAND (NON COINC.)	7953.	8006.	8082.	8151.	8229.	8293.	8396.	8479.
LOAD FACTOR	0.643	0.641	0.641	0.640	0.639	0.638	0.637	0.636
PEAK AT METER (COINC.)	7953.	8006.	8082.	8151.	8229.	8293.	8396.	8479.
PEAK LOSSES (COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (COINC.)	7953.	8006.	8082.	8151.	8229.	8293.	8396.	8479.
CAPACITY CREDIT (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
CUSTOMER COST (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
DSM EXPENSE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
EVALUATION EXPENSE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
EXTERNAL COST (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
FUEL SWITCH SAVINGS:								
RETAIL (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
WHOLESALE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
INCENTIVE PAYMENTS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
LOST REVENUES (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
SHAREHOLDER SAVINGS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL T&D CREDITS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
OTHER CUST. BENEFITS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.

CLASS: OPCO+CSP

	2035	2036	2037	2038	2039	2040
LOAD RESULTS						
ENERGY SALES	47627.	48081.	48549.	49090.	49594.	50105.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	47627.	48081.	48549.	49090.	49594.	50105.
PEAK AT METER (NON COINC.)	8570.	8643.	8766.	8878.	8985.	9092.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	8570.	8643.	8766.	8878.	8985.	9092.
LOAD FACTOR	0.634	0.633	0.632	0.631	0.630	0.627
PEAK AT METER (COINC.)	8570.	8643.	8766.	8878.	8985.	9092.
PEAK LOSSES (COINC.)	0.	0.	0.	0.	0.	0.
PEAK DEMAND (COINC.)	8570.	8643.	8766.	8878.	8985.	9092.
CAPACITY CREDIT (\$000)	0.	0.	0.	0.	0.	0.
CUSTOMER COST (\$000)	0.	0.	0.	0.	0.	0.
DSM EXPENSE (\$000)	0.	0.	0.	0.	0.	0.
EVALUATION EXPENSE (\$000)	0.	0.	0.	0.	0.	0.
EXTERNAL COST (\$000)	0.	0.	0.	0.	0.	0.
FUEL SWITCH SAVINGS:						
RETAIL (\$000)	0.	0.	0.	0.	0.	0.
WHOLESALE (\$000)	0.	0.	0.	0.	0.	0.
INCENTIVE PAYMENTS (\$000)	0.	0.	0.	0.	0.	0.
LOST REVENUES (\$000)	0.	0.	0.	0.	0.	0.
SHAREHOLDER SAVINGS (\$000)	0.	0.	0.	0.	0.	0.
TOTAL T&D CREDITS (\$000)	0.	0.	0.	0.	0.	0.
OTHER CUST. BENEFITS (\$000)	0.	0.	0.	0.	0.	0.

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NewEnergy Associates  
Strategist Page 2

AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
CLASS DETAIL REPORT

CLASS: I&M

	2011	2012	2013	2014	2015	2016	2017	2018
LOAD RESULTS								
ENERGY SALES	24987.	25544.	25767.	25759.	25690.	25618.	25593.	25585.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	24987.	25544.	25767.	25759.	25690.	25618.	25593.	25585.
PEAK AT METER (NON COINC.)	4396.	4476.	4529.	4518.	4510.	4491.	4499.	4500.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	4396.	4476.	4529.	4518.	4510.	4491.	4499.	4500.
LOAD FACTOR	0.649	0.650	0.649	0.651	0.650	0.649	0.649	0.649
PEAK AT METER (COINC.)	4396.	4476.	4529.	4518.	4510.	4491.	4499.	4500.
PEAK LOSSES (COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (COINC.)	4396.	4476.	4529.	4518.	4510.	4491.	4499.	4500.
CAPACITY CREDIT (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
CUSTOMER COST (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
DSM EXPENSE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
EVALUATION EXPENSE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
EXTERNAL COST (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
FUEL SWITCH SAVINGS:								

RETAIL (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
WHOLESALE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
INCENTIVE PAYMENTS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
LOST REVENUES (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
SHAREHOLDER SAVINGS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL T&D CREDITS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
OTHER CUST. BENEFITS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.

CLASS: I&M

	2019	2020	2021	2022	2023	2024	2025	2026
LOAD RESULTS								
ENERGY SALES	25605.	25691.	25847.	25998.	26147.	26298.	26459.	26621.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	25605.	25691.	25847.	25998.	26147.	26298.	26459.	26621.
PEAK AT METER (NON COINC.)	4508.	4515.	4558.	4589.	4620.	4641.	4687.	4722.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	4508.	4515.	4558.	4589.	4620.	4641.	4687.	4722.
LOAD FACTOR	0.648	0.648	0.647	0.647	0.646	0.645	0.644	0.644
PEAK AT METER (COINC.)	4508.	4515.	4558.	4589.	4620.	4641.	4687.	4722.
PEAK LOSSES (COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (COINC.)	4508.	4515.	4558.	4589.	4620.	4641.	4687.	4722.
CAPACITY CREDIT (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
CUSTOMER COST (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
DSM EXPENSE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
EVALUATION EXPENSE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
EXTERNAL COST (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
FUEL SWITCH SAVINGS:								
RETAIL (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
WHOLESALE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
INCENTIVE PAYMENTS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
LOST REVENUES (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
SHAREHOLDER SAVINGS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL T&D CREDITS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
OTHER CUST. BENEFITS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.

CLASS: I&M

	2027	2028	2029	2030	2031	2032	2033	2034
LOAD RESULTS								
ENERGY SALES	26781.	26950.	27120.	27301.	27486.	27678.	27888.	28111.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	26781.	26950.	27120.	27301.	27486.	27678.	27888.	28111.
PEAK AT METER (NON COINC.)	4755.	4781.	4826.	4864.	4903.	4929.	4985.	5030.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	4755.	4781.	4826.	4864.	4903.	4929.	4985.	5030.
LOAD FACTOR	0.643	0.642	0.641	0.641	0.640	0.639	0.639	0.638
PEAK AT METER (COINC.)	4755.	4781.	4826.	4864.	4903.	4929.	4985.	5030.
PEAK LOSSES (COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (COINC.)	4755.	4781.	4826.	4864.	4903.	4929.	4985.	5030.
CAPACITY CREDIT (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
CUSTOMER COST (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
DSM EXPENSE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
EVALUATION EXPENSE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
EXTERNAL COST (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
FUEL SWITCH SAVINGS:								
RETAIL (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
WHOLESALE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
INCENTIVE PAYMENTS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
LOST REVENUES (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
SHAREHOLDER SAVINGS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL T&D CREDITS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
OTHER CUST. BENEFITS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.

CLASS: I&M

	2035	2036	2037	2038	2039	2040
LOAD RESULTS						
ENERGY SALES	28325.	28528.	28727.	28937.	29117.	29298.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	28325.	28528.	28727.	28937.	29117.	29298.
PEAK AT METER (NON COINC.)	5074.	5103.	5160.	5203.	5243.	5283.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.

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	5074.	5103.	5160.	5203.	5243.	5283.
PEAK DEMAND (NON COINC.)	5074.	5103.	5160.	5203.	5243.	5283.
LOAD FACTOR	0.637	0.636	0.636	0.635	0.634	0.631
PEAK AT METER (COINC.)	5074.	5103.	5160.	5203.	5243.	5283.
PEAK LOSSES (COINC.)	0.	0.	0.	0.	0.	0.
PEAK DEMAND (COINC.)	5074.	5103.	5160.	5203.	5243.	5283.
CAPACITY CREDIT (\$000)	0.	0.	0.	0.	0.	0.
CUSTOMER COST (\$000)	0.	0.	0.	0.	0.	0.
DSM EXPENSE (\$000)	0.	0.	0.	0.	0.	0.
EVALUATION EXPENSE (\$000)	0.	0.	0.	0.	0.	0.
EXTERNAL COST (\$000)	0.	0.	0.	0.	0.	0.
FUEL SWITCH SAVINGS:						
RETAIL (\$000)	0.	0.	0.	0.	0.	0.
WHOLESALE (\$000)	0.	0.	0.	0.	0.	0.
INCENTIVE PAYMENTS (\$000)	0.	0.	0.	0.	0.	0.
LOST REVENUES (\$000)	0.	0.	0.	0.	0.	0.
SHAREHOLDER SAVINGS (\$000)	0.	0.	0.	0.	0.	0.
TOTAL T&D CREDITS (\$000)	0.	0.	0.	0.	0.	0.
OTHER CUST. BENEFITS (\$000)	0.	0.	0.	0.	0.	0.

4 02/07/13 15:29:30 V04.0 R03.0

NewEnergy Associates  
Strategist Page 3

AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
CLASS DETAIL REPORT

CLASS: APCO	2011	2012	2013	2014	2015	2016	2017	2018
LOAD RESULTS								
ENERGY SALES	36064.	38900.	39252.	39456.	39566.	39789.	40044.	40345.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	36064.	38900.	39252.	39456.	39566.	39789.	40044.	40345.
PEAK AT METER (NON COINC.)	7114.	7467.	7527.	7559.	7590.	7604.	7624.	7668.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	7114.	7467.	7527.	7559.	7590.	7604.	7624.	7668.
LOAD FACTOR	0.579	0.593	0.595	0.596	0.595	0.596	0.600	0.601
PEAK AT METER (COINC.)	7114.	7467.	7527.	7559.	7590.	7604.	7624.	7668.
PEAK LOSSES (COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (COINC.)	7114.	7467.	7527.	7559.	7590.	7604.	7624.	7668.
CAPACITY CREDIT (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
CUSTOMER COST (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
DSM EXPENSE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
EVALUATION EXPENSE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
EXTERNAL COST (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
FUEL SWITCH SAVINGS:								
RETAIL (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
WHOLESALE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
INCENTIVE PAYMENTS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
LOST REVENUES (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
SHAREHOLDER SAVINGS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL T&D CREDITS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
OTHER CUST. BENEFITS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.

CLASS: APCO	2019	2020	2021	2022	2023	2024	2025	2026
LOAD RESULTS								
ENERGY SALES	40699.	41054.	41431.	41791.	42171.	42547.	42925.	43274.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	40699.	41054.	41431.	41791.	42171.	42547.	42925.	43274.
PEAK AT METER (NON COINC.)	7718.	7741.	7825.	7879.	7891.	7927.	8012.	8072.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	7718.	7741.	7825.	7879.	7891.	7927.	8012.	8072.
LOAD FACTOR	0.602	0.604	0.604	0.605	0.610	0.611	0.612	0.612
PEAK AT METER (COINC.)	7718.	7741.	7825.	7879.	7891.	7927.	8012.	8072.
PEAK LOSSES (COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (COINC.)	7718.	7741.	7825.	7879.	7891.	7927.	8012.	8072.
CAPACITY CREDIT (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
CUSTOMER COST (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
DSM EXPENSE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
EVALUATION EXPENSE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
EXTERNAL COST (\$000)	0.	0.	0.	0.	0.	0.	0.	0.

FUEL SWITCH SAVINGS:									
RETAIL (\$000)	0.	0.	0.	0.	0.	0.	0.	0.	0.
WHOLESALE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.	0.
INCENTIVE PAYMENTS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.	0.
LOST REVENUES (\$000)	0.	0.	0.	0.	0.	0.	0.	0.	0.
SHAREHOLDER SAVINGS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL T&D CREDITS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.	0.
OTHER CUST. BENEFITS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.	0.

CLASS: APCO

	2027	2028	2029	2030	2031	2032	2033	2034
LOAD RESULTS								
ENERGY SALES	43660.	44057.	44422.	44825.	45226.	45655.	46073.	46515.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	43660.	44057.	44422.	44825.	45226.	45655.	46073.	46515.
PEAK AT METER (NON COINC.)	8133.	8175.	8212.	8279.	8347.	8393.	8489.	8513.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	8133.	8175.	8212.	8279.	8347.	8393.	8489.	8513.
LOAD FACTOR	0.613	0.614	0.618	0.618	0.619	0.619	0.620	0.624
PEAK AT METER (COINC.)	8133.	8175.	8212.	8279.	8347.	8393.	8489.	8513.
PEAK LOSSES (COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (COINC.)	8133.	8175.	8212.	8279.	8347.	8393.	8489.	8513.
CAPACITY CREDIT (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
CUSTOMER COST (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
DSM EXPENSE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
EVALUATION EXPENSE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
EXTERNAL COST (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
FUEL SWITCH SAVINGS:								
RETAIL (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
WHOLESALE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
INCENTIVE PAYMENTS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
LOST REVENUES (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
SHAREHOLDER SAVINGS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL T&D CREDITS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
OTHER CUST. BENEFITS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.

CLASS: APCO

	2035	2036	2037	2038	2039	2040
LOAD RESULTS						
ENERGY SALES	46976.	47437.	47891.	48376.	48856.	49341.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	46976.	47437.	47891.	48376.	48856.	49341.
PEAK AT METER (NON COINC.)	8593.	8622.	8750.	8831.	8918.	9006.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	8593.	8622.	8750.	8831.	8918.	9006.
LOAD FACTOR	0.624	0.626	0.625	0.625	0.625	0.624
PEAK AT METER (COINC.)	8593.	8622.	8750.	8831.	8918.	9006.
PEAK LOSSES (COINC.)	0.	0.	0.	0.	0.	0.
PEAK DEMAND (COINC.)	8593.	8622.	8750.	8831.	8918.	9006.
CAPACITY CREDIT (\$000)	0.	0.	0.	0.	0.	0.
CUSTOMER COST (\$000)	0.	0.	0.	0.	0.	0.
DSM EXPENSE (\$000)	0.	0.	0.	0.	0.	0.
EVALUATION EXPENSE (\$000)	0.	0.	0.	0.	0.	0.
EXTERNAL COST (\$000)	0.	0.	0.	0.	0.	0.
FUEL SWITCH SAVINGS:						
RETAIL (\$000)	0.	0.	0.	0.	0.	0.
WHOLESALE (\$000)	0.	0.	0.	0.	0.	0.
INCENTIVE PAYMENTS (\$000)	0.	0.	0.	0.	0.	0.
LOST REVENUES (\$000)	0.	0.	0.	0.	0.	0.
SHAREHOLDER SAVINGS (\$000)	0.	0.	0.	0.	0.	0.
TOTAL T&D CREDITS (\$000)	0.	0.	0.	0.	0.	0.
OTHER CUST. BENEFITS (\$000)	0.	0.	0.	0.	0.	0.

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AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
CLASS DETAIL REPORT

CLASS: KPCO

	2011	2012	2013	2014	2015	2016	2017	2018
LOAD RESULTS								

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ENERGY SALES	7432.	7203.	7174.	7174.	7173.	7161.	7184.	7214.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	7432.	7203.	7174.	7174.	7173.	7161.	7184.	7214.
PEAK AT METER (NON COINC.)	1343.	1333.	1464.	1463.	1460.	1450.	1454.	1457.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	1343.	1333.	1464.	1463.	1460.	1450.	1454.	1457.
LOAD FACTOR	0.632	0.615	0.559	0.560	0.561	0.562	0.564	0.565
PEAK AT METER (COINC.)	1343.	1333.	1464.	1463.	1460.	1450.	1454.	1457.
PEAK LOSSES (COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (COINC.)	1343.	1333.	1464.	1463.	1460.	1450.	1454.	1457.
CAPACITY CREDIT (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
CUSTOMER COST (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
DSM EXPENSE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
EVALUATION EXPENSE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
EXTERNAL COST (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
FUEL SWITCH SAVINGS:								
RETAIL (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
WHOLESALE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
INCENTIVE PAYMENTS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
LOST REVENUES (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
SHAREHOLDER SAVINGS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL T&D CREDITS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
OTHER CUST. BENEFITS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.

CLASS: KPCO

	2019	2020	2021	2022	2023	2024	2025	2026
LOAD RESULTS								
ENERGY SALES	7246.	7275.	7308.	7346.	7385.	7427.	7465.	7511.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	7246.	7275.	7308.	7346.	7385.	7427.	7465.	7511.
PEAK AT METER (NON COINC.)	1462.	1462.	1472.	1478.	1482.	1485.	1495.	1503.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	1462.	1462.	1472.	1478.	1482.	1485.	1495.	1503.
LOAD FACTOR	0.566	0.567	0.567	0.567	0.569	0.569	0.570	0.570
PEAK AT METER (COINC.)	1462.	1462.	1472.	1478.	1482.	1485.	1495.	1503.
PEAK LOSSES (COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (COINC.)	1462.	1462.	1472.	1478.	1482.	1485.	1495.	1503.
CAPACITY CREDIT (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
CUSTOMER COST (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
DSM EXPENSE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
EVALUATION EXPENSE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
EXTERNAL COST (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
FUEL SWITCH SAVINGS:								
RETAIL (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
WHOLESALE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
INCENTIVE PAYMENTS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
LOST REVENUES (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
SHAREHOLDER SAVINGS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL T&D CREDITS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
OTHER CUST. BENEFITS (\$000)	0.	0.	0.	0.	0.	0.	0.	0.

CLASS: KPCO

	2027	2028	2029	2030	2031	2032	2033	2034
LOAD RESULTS								
ENERGY SALES	7556.	7604.	7646.	7691.	7736.	7782.	7821.	7862.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	7556.	7604.	7646.	7691.	7736.	7782.	7821.	7862.
PEAK AT METER (NON COINC.)	1511.	1516.	1524.	1532.	1539.	1543.	1555.	1559.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	1511.	1516.	1524.	1532.	1539.	1543.	1555.	1559.
LOAD FACTOR	0.571	0.571	0.573	0.573	0.574	0.574	0.574	0.576
PEAK AT METER (COINC.)	1511.	1516.	1524.	1532.	1539.	1543.	1555.	1559.
PEAK LOSSES (COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (COINC.)	1511.	1516.	1524.	1532.	1539.	1543.	1555.	1559.
CAPACITY CREDIT (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
CUSTOMER COST (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
DSM EXPENSE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.
EVALUATION EXPENSE (\$000)	0.	0.	0.	0.	0.	0.	0.	0.

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EXTERNAL COST (\$000)	0.	0.	0.	0.	0.	0.	0.	
FUEL SWITCH SAVINGS:								
RETAIL (\$000)	0.	0.	0.	0.	0.	0.	0.	
WHOLESALE (\$000)	0.	0.	0.	0.	0.	0.	0.	
INCENTIVE PAYMENTS (\$000)	0.	0.	0.	0.	0.	0.	0.	
LOST REVENUES (\$000)	0.	0.	0.	0.	0.	0.	0.	
SHAREHOLDER SAVINGS (\$000)	0.	0.	0.	0.	0.	0.	0.	
TOTAL T&D CREDITS (\$000)	0.	0.	0.	0.	0.	0.	0.	
OTHER CUST. BENEFITS (\$000)	0.	0.	0.	0.	0.	0.	0.	

CLASS: KPCO  
-----  
2035      2036      2037      2038      2039      2040

LOAD RESULTS  
-----

ENERGY SALES	7904.	7948.	7991.	8034.	8077.	8119.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	7904.	7948.	7991.	8034.	8077.	8119.
PEAK AT METER (NON COINC.)	1566.	1564.	1582.	1590.	1598.	1598.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	1566.	1564.	1582.	1590.	1598.	1598.
LOAD FACTOR	0.576	0.579	0.577	0.577	0.577	0.578
PEAK AT METER (COINC.)	1566.	1564.	1582.	1590.	1598.	1598.
PEAK LOSSES (COINC.)	0.	0.	0.	0.	0.	0.
PEAK DEMAND (COINC.)	1566.	1564.	1582.	1590.	1598.	1598.
CAPACITY CREDIT (\$000)	0.	0.	0.	0.	0.	0.
CUSTOMER COST (\$000)	0.	0.	0.	0.	0.	0.
DSM EXPENSE (\$000)	0.	0.	0.	0.	0.	0.
EVALUATION EXPENSE (\$000)	0.	0.	0.	0.	0.	0.
EXTERNAL COST (\$000)	0.	0.	0.	0.	0.	0.
FUEL SWITCH SAVINGS:						
RETAIL (\$000)	0.	0.	0.	0.	0.	0.
WHOLESALE (\$000)	0.	0.	0.	0.	0.	0.
INCENTIVE PAYMENTS (\$000)	0.	0.	0.	0.	0.	0.
LOST REVENUES (\$000)	0.	0.	0.	0.	0.	0.
SHAREHOLDER SAVINGS (\$000)	0.	0.	0.	0.	0.	0.
TOTAL T&D CREDITS (\$000)	0.	0.	0.	0.	0.	0.
OTHER CUST. BENEFITS (\$000)	0.	0.	0.	0.	0.	0.

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NewEnergy Associates  
Strategist Page 5

AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
GROUP DETAIL REPORT

CLASS: OPCO+CSP

LOAD GROUP: CSP

	2011	2012	2013	2014	2015	2016	2017	2018
PEAK AND ENERGY RESULTS								
ENERGY SALES	19052.	18141.	18036.	17955.	17807.	17684.	17594.	17521.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	19052.	18141.	18036.	17955.	17807.	17684.	17594.	17521.
PEAK AT METER (NON COINC.)	3677.	3505.	3502.	3497.	3481.	3462.	3464.	3463.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	3677.	3505.	3502.	3497.	3481.	3462.	3464.	3463.
PEAK AT METER (COINC.)	3677.	3505.	3502.	3497.	3388.	3366.	3365.	3362.
PEAK DEMAND (COINC.)	3677.	3505.	3502.	3497.	3388.	3366.	3365.	3362.
LOAD FACTOR	0.591	0.589	0.588	0.586	0.584	0.582	0.580	0.578

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NewEnergy Associates  
Strategist Page 6

AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
GROUP DETAIL REPORT

CLASS: OPCO+CSP

LOAD GROUP: CSP

	2019	2020	2021	2022	2023	2024	2025	2026
PEAK AND ENERGY RESULTS								
ENERGY SALES	17388.	17180.	17066.	17028.	17036.	17095.	17179.	17303.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	17388.	17180.	17066.	17028.	17036.	17095.	17179.	17303.
PEAK AT METER (NON COINC.)	3449.	3412.	3407.	3409.	3417.	3430.	3464.	3497.

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		0.	0.	0.	0.	0.	0.	0.	0.
PEAK LOSSES	(NON COINC.)	3449.	3412.	3407.	3409.	3417.	3430.	3464.	3497.
PEAK DEMAND	(NON COINC.)	3345.	3305.	3299.	3298.	3303.	3313.	3345.	3376.
PEAK AT METER	(COINC.)	3345.	3305.	3299.	3298.	3303.	3313.	3345.	3376.
PEAK DEMAND	(COINC.)	3345.	3305.	3299.	3298.	3303.	3313.	3345.	3376.
LOAD FACTOR		0.576	0.573	0.572	0.570	0.569	0.567	0.566	0.565

‡ 02/07/13 15:29:30 V04.0 R03.0  
NewEnergy Associates  
Strategist Page 7

AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
GROUP DETAIL REPORT

CLASS: OPCO+CSP  
LOAD GROUP: CSP

		2027	2028	2029	2030	2031	2032	2033	2034
PEAK AND ENERGY RESULTS									
-----									
ENERGY SALES		17450.	17618.	17774.	17942.	18144.	18365.	18583.	18814.
ENERGY LOSSES		0.	0.	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS		17450.	17618.	17774.	17942.	18144.	18365.	18583.	18814.
PEAK AT METER	(NON COINC.)	3536.	3571.	3618.	3661.	3711.	3757.	3819.	3872.
PEAK LOSSES	(NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND	(NON COINC.)	3536.	3571.	3618.	3661.	3711.	3757.	3819.	3872.
PEAK AT METER	(COINC.)	3412.	3443.	3485.	3525.	3572.	3616.	3676.	3727.
PEAK DEMAND	(COINC.)	3412.	3443.	3485.	3525.	3572.	3616.	3676.	3727.
LOAD FACTOR		0.563	0.562	0.561	0.559	0.558	0.556	0.555	0.555

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NewEnergy Associates  
Strategist Page 8

AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
GROUP DETAIL REPORT

CLASS: OPCO+CSP  
LOAD GROUP: CSP

		2035	2036	2037	2038	2039	2040		
PEAK AND ENERGY RESULTS									
-----									
ENERGY SALES		19052.	19310.	19574.	19857.	20145.	20438.		
ENERGY LOSSES		0.	0.	0.	0.	0.	0.		
ENERGY REQUIREMENTS		19052.	19310.	19574.	19857.	20145.	20438.		
PEAK AT METER	(NON COINC.)	3932.	3983.	4058.	4126.	4195.	4265.		
PEAK LOSSES	(NON COINC.)	0.	0.	0.	0.	0.	0.		
PEAK DEMAND	(NON COINC.)	3932.	3983.	4058.	4126.	4195.	4265.		
PEAK AT METER	(COINC.)	3784.	3833.	3904.	3970.	4036.	4102.		
PEAK DEMAND	(COINC.)	3784.	3833.	3904.	3970.	4036.	4102.		
LOAD FACTOR		0.553	0.552	0.551	0.549	0.548	0.546		

‡ 02/07/13 15:29:30 V04.0 R03.0  
NewEnergy Associates  
Strategist Page 9

AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
GROUP DETAIL REPORT

CLASS: OPCO+CSP  
LOAD GROUP: OPCO

		2011	2012	2013	2014	2015	2016	2017	2018
PEAK AND ENERGY RESULTS									
-----									
ENERGY SALES		37875.	35273.	35058.	35122.	35147.	35199.	35197.	35243.
ENERGY LOSSES		0.	0.	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS		37875.	35273.	35058.	35122.	35147.	35199.	35197.	35243.
PEAK AT METER	(NON COINC.)	6132.	5695.	5665.	5663.	5658.	5645.	5651.	5653.
PEAK LOSSES	(NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND	(NON COINC.)	6132.	5695.	5665.	5663.	5658.	5645.	5651.	5653.
PEAK AT METER	(COINC.)	5958.	5529.	5497.	5495.	5560.	5546.	5553.	5555.
PEAK DEMAND	(COINC.)	5958.	5529.	5497.	5495.	5560.	5546.	5553.	5555.
LOAD FACTOR		0.705	0.705	0.706	0.708	0.709	0.710	0.711	0.712

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NewEnergy Associates  
Strategist Page 10



4A Output.txt  
AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
GROUP DETAIL REPORT

CLASS: OPCO+CSP  
LOAD GROUP: OPCO

	2019	2020	2021	2022	2023	2024	2025	2026
PEAK AND ENERGY RESULTS								
ENERGY SALES	35207.	35071.	35019.	35052.	35117.	35224.	35331.	35501.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	35207.	35071.	35019.	35052.	35117.	35224.	35331.	35501.
PEAK AT METER (NON COINC.)	5643.	5599.	5598.	5598.	5603.	5603.	5632.	5658.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	5643.	5599.	5598.	5598.	5603.	5603.	5632.	5658.
PEAK AT METER (COINC.)	5546.	5504.	5503.	5502.	5507.	5508.	5537.	5563.
PEAK DEMAND (COINC.)	5546.	5504.	5503.	5502.	5507.	5508.	5537.	5563.
LOAD FACTOR	0.712	0.713	0.714	0.715	0.715	0.716	0.716	0.716
							NewEnergy Associates	
							Strategist	Page
								11

‡ 02/07/13 15:29:30 V04.0 R03.0

AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
GROUP DETAIL REPORT

CLASS: OPCO+CSP  
LOAD GROUP: OPCO

	2027	2028	2029	2030	2031	2032	2033	2034
PEAK AND ENERGY RESULTS								
ENERGY SALES	27310.	27467.	27601.	27745.	27906.	28076.	28235.	28401.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	27310.	27467.	27601.	27745.	27906.	28076.	28235.	28401.
PEAK AT METER (NON COINC.)	4637.	4659.	4694.	4723.	4755.	4776.	4820.	4853.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	4637.	4659.	4694.	4723.	4755.	4776.	4820.	4853.
PEAK AT METER (COINC.)	4541.	4563.	4597.	4626.	4657.	4677.	4720.	4752.
PEAK DEMAND (COINC.)	4541.	4563.	4597.	4626.	4657.	4677.	4720.	4752.
LOAD FACTOR	0.672	0.671	0.671	0.671	0.670	0.669	0.669	0.668
							NewEnergy Associates	
							Strategist	Page
								12

‡ 02/07/13 15:29:30 V04.0 R03.0

AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
GROUP DETAIL REPORT

CLASS: OPCO+CSP  
LOAD GROUP: OPCO

	2035	2036	2037	2038	2039	2040		
PEAK AND ENERGY RESULTS								
ENERGY SALES	28575.	28771.	28975.	29233.	29449.	29667.		
ENERGY LOSSES	0.	0.	0.	0.	0.	0.		
ENERGY REQUIREMENTS	28575.	28771.	28975.	29233.	29449.	29667.		
PEAK AT METER (NON COINC.)	4888.	4912.	4966.	5013.	5055.	5097.		
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.		
PEAK DEMAND (NON COINC.)	4888.	4912.	4966.	5013.	5055.	5097.		
PEAK AT METER (COINC.)	4786.	4810.	4862.	4908.	4949.	4990.		
PEAK DEMAND (COINC.)	4786.	4810.	4862.	4908.	4949.	4990.		
LOAD FACTOR	0.667	0.667	0.666	0.666	0.665	0.663		
							NewEnergy Associates	
							Strategist	Page
								13

‡ 02/07/13 15:29:30 V04.0 R03.0

AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
GROUP DETAIL REPORT

CLASS: I&M  
LOAD GROUP: I&M

	2011	2012	2013	2014	2015	2016	2017	2018
PEAK AND ENERGY RESULTS								

4A Output.txt

ENERGY SALES	24987.	25544.	25767.	25759.	25690.	25618.	25593.	25585.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	24987.	25544.	25767.	25759.	25690.	25618.	25593.	25585.
PEAK AT METER (NON COINC.)	4396.	4476.	4529.	4518.	4510.	4491.	4499.	4500.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	4396.	4476.	4529.	4518.	4510.	4491.	4499.	4500.
PEAK AT METER (COINC.)	4396.	4476.	4529.	4518.	4510.	4491.	4499.	4500.
PEAK DEMAND (COINC.)	4396.	4476.	4529.	4518.	4510.	4491.	4499.	4500.
LOAD FACTOR	0.649	0.650	0.649	0.651	0.650	0.649	0.649	0.649
‡ 02/07/13 15:29:30 V04.0 R03.0						NewEnergy Associates Strategist Page		14

AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
GROUP DETAIL REPORT

CLASS: I&M

LOAD GROUP: I&M

	2019	2020	2021	2022	2023	2024	2025	2026
PEAK AND ENERGY RESULTS								
ENERGY SALES	25605.	25691.	25847.	25998.	26147.	26298.	26459.	26621.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	25605.	25691.	25847.	25998.	26147.	26298.	26459.	26621.
PEAK AT METER (NON COINC.)	4508.	4515.	4558.	4589.	4620.	4641.	4687.	4722.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	4508.	4515.	4558.	4589.	4620.	4641.	4687.	4722.
PEAK AT METER (COINC.)	4508.	4515.	4558.	4589.	4620.	4641.	4687.	4722.
PEAK DEMAND (COINC.)	4508.	4515.	4558.	4589.	4620.	4641.	4687.	4722.
LOAD FACTOR	0.648	0.648	0.647	0.647	0.646	0.645	0.644	0.644
‡ 02/07/13 15:29:30 V04.0 R03.0						NewEnergy Associates Strategist Page		15

AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
GROUP DETAIL REPORT

CLASS: I&M

LOAD GROUP: I&M

	2027	2028	2029	2030	2031	2032	2033	2034
PEAK AND ENERGY RESULTS								
ENERGY SALES	26781.	26950.	27120.	27301.	27486.	27678.	27888.	28111.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	26781.	26950.	27120.	27301.	27486.	27678.	27888.	28111.
PEAK AT METER (NON COINC.)	4755.	4781.	4826.	4864.	4903.	4929.	4985.	5030.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	4755.	4781.	4826.	4864.	4903.	4929.	4985.	5030.
PEAK AT METER (COINC.)	4755.	4781.	4826.	4864.	4903.	4929.	4985.	5030.
PEAK DEMAND (COINC.)	4755.	4781.	4826.	4864.	4903.	4929.	4985.	5030.
LOAD FACTOR	0.643	0.642	0.641	0.641	0.640	0.639	0.639	0.638
‡ 02/07/13 15:29:30 V04.0 R03.0						NewEnergy Associates Strategist Page		16

AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
GROUP DETAIL REPORT

CLASS: I&M

LOAD GROUP: I&M

	2035	2036	2037	2038	2039	2040
PEAK AND ENERGY RESULTS						
ENERGY SALES	28325.	28528.	28727.	28937.	29117.	29298.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	28325.	28528.	28727.	28937.	29117.	29298.
PEAK AT METER (NON COINC.)	5074.	5103.	5160.	5203.	5243.	5283.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	5074.	5103.	5160.	5203.	5243.	5283.

			4A Output.txt					
PEAK AT METER (COINC.)	5074.	5103.	5160.	5203.	5243.	5283.		
PEAK DEMAND (COINC.)	5074.	5103.	5160.	5203.	5243.	5283.		
LOAD FACTOR	0.637	0.636	0.636	0.635	0.634	0.631		
‡ 02/07/13 15:29:30 V04.0 R03.0							NewEnergy Associates	
							Strategist	Page 17

AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
GROUP DETAIL REPORT

CLASS: APCO  
LOAD GROUP: APCO

	2011	2012	2013	2014	2015	2016	2017	2018
PEAK AND ENERGY RESULTS								
ENERGY SALES	36064.	38900.	39252.	39456.	39566.	39789.	40044.	40345.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	36064.	38900.	39252.	39456.	39566.	39789.	40044.	40345.
PEAK AT METER (NON COINC.)	7114.	7467.	7527.	7559.	7590.	7604.	7624.	7668.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	7114.	7467.	7527.	7559.	7590.	7604.	7624.	7668.
PEAK AT METER (COINC.)	7114.	7467.	7527.	7559.	7590.	7604.	7624.	7668.
PEAK DEMAND (COINC.)	7114.	7467.	7527.	7559.	7590.	7604.	7624.	7668.
LOAD FACTOR	0.579	0.593	0.595	0.596	0.595	0.596	0.600	0.601
‡ 02/07/13 15:29:30 V04.0 R03.0							NewEnergy Associates	
							Strategist	Page 18

AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
GROUP DETAIL REPORT

CLASS: APCO  
LOAD GROUP: APCO

	2019	2020	2021	2022	2023	2024	2025	2026
PEAK AND ENERGY RESULTS								
ENERGY SALES	40699.	41054.	41431.	41791.	42171.	42547.	42925.	43274.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	40699.	41054.	41431.	41791.	42171.	42547.	42925.	43274.
PEAK AT METER (NON COINC.)	7718.	7741.	7825.	7879.	7891.	7927.	8012.	8072.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	7718.	7741.	7825.	7879.	7891.	7927.	8012.	8072.
PEAK AT METER (COINC.)	7718.	7741.	7825.	7879.	7891.	7927.	8012.	8072.
PEAK DEMAND (COINC.)	7718.	7741.	7825.	7879.	7891.	7927.	8012.	8072.
LOAD FACTOR	0.602	0.604	0.604	0.605	0.610	0.611	0.612	0.612
‡ 02/07/13 15:29:31 V04.0 R03.0							NewEnergy Associates	
							Strategist	Page 19

AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
GROUP DETAIL REPORT

CLASS: APCO  
LOAD GROUP: APCO

	2027	2028	2029	2030	2031	2032	2033	2034
PEAK AND ENERGY RESULTS								
ENERGY SALES	43660.	44057.	44422.	44825.	45226.	45655.	46073.	46515.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	43660.	44057.	44422.	44825.	45226.	45655.	46073.	46515.
PEAK AT METER (NON COINC.)	8133.	8175.	8212.	8279.	8347.	8393.	8489.	8513.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	8133.	8175.	8212.	8279.	8347.	8393.	8489.	8513.
PEAK AT METER (COINC.)	8133.	8175.	8212.	8279.	8347.	8393.	8489.	8513.
PEAK DEMAND (COINC.)	8133.	8175.	8212.	8279.	8347.	8393.	8489.	8513.
LOAD FACTOR	0.613	0.614	0.618	0.618	0.619	0.619	0.620	0.624
‡ 02/07/13 15:29:31 V04.0 R03.0							NewEnergy Associates	
							Strategist	Page 20

AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
GROUP DETAIL REPORT

CLASS: APCO

LOAD GROUP: APCO

	2035	2036	2037	2038	2039	2040
<b>PEAK AND ENERGY RESULTS</b>						
ENERGY SALES	46976.	47437.	47891.	48376.	48856.	49341.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	46976.	47437.	47891.	48376.	48856.	49341.
PEAK AT METER (NON COINC.)	8593.	8622.	8750.	8831.	8918.	9006.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	8593.	8622.	8750.	8831.	8918.	9006.
PEAK AT METER (COINC.)	8593.	8622.	8750.	8831.	8918.	9006.
PEAK DEMAND (COINC.)	8593.	8622.	8750.	8831.	8918.	9006.
LOAD FACTOR	0.624	0.626	0.625	0.625	0.625	0.624

‡ 02/07/13 15:29:31 V04.0 R03.0

NewEnergy Associates  
Strategist Page 21

AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
GROUP DETAIL REPORT

CLASS: KPCO

LOAD GROUP: KPCO

	2011	2012	2013	2014	2015	2016	2017	2018
<b>PEAK AND ENERGY RESULTS</b>								
ENERGY SALES	7432.	7203.	7174.	7174.	7173.	7161.	7184.	7214.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	7432.	7203.	7174.	7174.	7173.	7161.	7184.	7214.
PEAK AT METER (NON COINC.)	1343.	1333.	1464.	1463.	1460.	1450.	1454.	1457.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	1343.	1333.	1464.	1463.	1460.	1450.	1454.	1457.
PEAK AT METER (COINC.)	1343.	1333.	1464.	1463.	1460.	1450.	1454.	1457.
PEAK DEMAND (COINC.)	1343.	1333.	1464.	1463.	1460.	1450.	1454.	1457.
LOAD FACTOR	0.632	0.615	0.559	0.560	0.561	0.562	0.564	0.565

‡ 02/07/13 15:29:31 V04.0 R03.0

NewEnergy Associates  
Strategist Page 22

AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
GROUP DETAIL REPORT

CLASS: KPCO

LOAD GROUP: KPCO

	2019	2020	2021	2022	2023	2024	2025	2026
<b>PEAK AND ENERGY RESULTS</b>								
ENERGY SALES	7246.	7275.	7308.	7346.	7385.	7427.	7465.	7511.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	7246.	7275.	7308.	7346.	7385.	7427.	7465.	7511.
PEAK AT METER (NON COINC.)	1462.	1462.	1472.	1478.	1482.	1485.	1495.	1503.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	1462.	1462.	1472.	1478.	1482.	1485.	1495.	1503.
PEAK AT METER (COINC.)	1462.	1462.	1472.	1478.	1482.	1485.	1495.	1503.
PEAK DEMAND (COINC.)	1462.	1462.	1472.	1478.	1482.	1485.	1495.	1503.
LOAD FACTOR	0.566	0.567	0.567	0.567	0.569	0.569	0.570	0.570

‡ 02/07/13 15:29:31 V04.0 R03.0

NewEnergy Associates  
Strategist Page 23

AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
GROUP DETAIL REPORT

CLASS: KPCO

LOAD GROUP: KPCO

	2027	2028	2029	2030	2031	2032	2033	2034
<b>PEAK AND ENERGY RESULTS</b>								
ENERGY SALES	7556.	7604.	7646.	7691.	7736.	7782.	7821.	7862.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.

	7556.	7604.	4A Output.txt 7646.	7691.	7736.	7782.	7821.	7862.
ENERGY REQUIREMENTS	7556.	7604.	7646.	7691.	7736.	7782.	7821.	7862.
PEAK AT METER (NON COINC.)	1511.	1516.	1524.	1532.	1539.	1543.	1555.	1559.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	1511.	1516.	1524.	1532.	1539.	1543.	1555.	1559.
PEAK AT METER (COINC.)	1511.	1516.	1524.	1532.	1539.	1543.	1555.	1559.
PEAK DEMAND (COINC.)	1511.	1516.	1524.	1532.	1539.	1543.	1555.	1559.
LOAD FACTOR	0.571	0.571	0.573	0.573	0.574	0.574	0.574	0.576

‡ 02/07/13 15:29:31 V04.0 R03.0  
NewEnergy Associates  
Strategist Page 24

AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
GROUP DETAIL REPORT

CLASS: KPCO  
LOAD GROUP: KPCO

	2035	2036	2037	2038	2039	2040
PEAK AND ENERGY RESULTS						
ENERGY SALES	7904.	7948.	7991.	8034.	8077.	8119.
ENERGY LOSSES	0.	0.	0.	0.	0.	0.
ENERGY REQUIREMENTS	7904.	7948.	7991.	8034.	8077.	8119.
PEAK AT METER (NON COINC.)	1566.	1564.	1582.	1590.	1598.	1598.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	1566.	1564.	1582.	1590.	1598.	1598.
PEAK AT METER (COINC.)	1566.	1564.	1582.	1590.	1598.	1598.
PEAK DEMAND (COINC.)	1566.	1564.	1582.	1590.	1598.	1598.
LOAD FACTOR	0.576	0.579	0.577	0.577	0.577	0.578

‡ 02/07/13 15:29:31 V04.0 R03.0  
NewEnergy Associates  
Strategist Page 25

AEP EAST  
GENERATION AND FUEL MODULE  
SYSTEM REPORT

SYSTEM RESULTS FROM COMPANY SUMMATION

AEP SYSTEM		2011	2012	2013	2014	2015	2016	2017	2018
ENERGY REQUIRED	GWH	125411.	125061.	125286.	125465.	125383.	125451.	125612.	125908.
DUMP ENERGY	GWH	28.	8.	30.	21.	28.	17.	6.	10.
THERM GENERATION	GWH	137738.	142759.	136022.	141872.	127357.	131250.	134813.	132777.
HYDRO GENERATION	GWH	973.	999.	970.	1015.	1015.	1015.	1015.	1015.
PUMP. GENERATION	GWH	359.	347.	348.	375.	334.	344.	369.	357.
PUMPING ENERGY	GWH	-367.	-349.	-351.	-389.	-331.	-345.	-382.	-364.
EMERGENCY ENERGY	GWH	276.	360.	248.	289.	177.	151.	118.	174.
NET TRANSACTIONS	GWH	-13540.	-19045.	-11921.	-17676.	-3142.	-6948.	-10316.	-8041.
PEAK LOAD	MW	19625.	20386.	20469.	20210.	20048.	19867.	19747.	19785.
LOAD FACTOR	PCT	72.95	69.84	69.87	70.87	71.40	71.89	72.61	72.65
INSTALLED CAPACITY	MW	23994.	24952.	25478.	25929.	21915.	22389.	22194.	21862.
RESERVE MARGIN	MW	4368.	4566.	5009.	5719.	1868.	2522.	2446.	2077.
RESERVE MARGIN	PCT	22.26	22.40	24.47	28.30	9.32	12.69	12.39	10.50
CAPACITY MARGIN	PCT	18.21	18.30	19.66	22.06	8.52	11.26	11.02	9.50
ENERGY RESV MARGIN	PCT	-93.83	-93.26	-93.15	-92.47	-92.09	-92.11	-92.03	-92.04
RENEWABLE ENERGY	PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL BURNED	000 MBTU	1351504.	1398082.	1331088.	1386167.	1248690.	1283683.	1316929.	1298605.
FIXED FUEL COST	\$000	11594.	11714.	6776.	5216.	5348.	5484.	5624.	5768.
TOTAL FUEL COST	\$000	2901866.	3251876.	3464014.	3704877.	3515502.	3776666.	3888736.	3999025.
VAR. O&M COST	\$000	375131.	409933.	393911.	424054.	403585.	491541.	504508.	515801.
FIXED O&M COST	\$000	429426.	544374.	642264.	768624.	1005442.	1113222.	1254332.	1232896.
TOTAL THERM COST	\$000	3706422.	4206182.	4500189.	4897556.	4924528.	5381430.	5647576.	5747722.
THERMAL COST	\$/MWH	26.91	29.46	33.08	34.52	38.67	41.00	41.89	43.29
TOTAL EMISS. COST	\$000	41470.	137788.	95617.	89793.	45412.	35649.	25529.	10418.
HYD VAR COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
HYD FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
NET TRANS COST	\$000	-366373.	-580973.	-363174.	-449502.	340895.	202634.	115153.	230513.
EMER ENERGY COST	\$000	20241.	27328.	19893.	23660.	16053.	14953.	12089.	18726.
TOTAL SYS. COST	\$000	3401762.	3790324.	4252526.	4561507.	5326889.	5634666.	5800346.	6007378.
SYSTEM COST	\$/MWH	27.12	30.31	33.94	36.36	42.48	44.92	46.18	47.71
AVG. MARG. COST	\$/MWH	37.32	42.69	43.95	46.92	49.27	54.59	54.26	55.95
TRANS PURCH	GWH	8808.	11187.	11487.	12337.	13543.	14030.	14169.	14210.
TRANS PURCH COST	\$000	637573.	855711.	936203.	1190182.	1335360.	1501013.	1525217.	1545303.
TRANS SALES	GWH	2096.	2168.	944.	687.	833.	817.	1033.	1230.
TRANS SALES REV.	\$000	85218.	90251.	62208.	56940.	68650.	74027.	91424.	108616.
UNIT PURCH	GWH	403.	509.	463.	523.	466.	552.	478.	443.
UNIT PURCH COST	\$000	24444.	32589.	31926.	38621.	35049.	44474.	39461.	37574.
UNIT SALES	GWH	0.	0.	0.	0.	0.	0.	0.	0.
UNIT SALES REV.	\$000	0.	0.	0.	0.	0.	0.	0.	0.

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ECON ENERGY PURCH	GWH	7237.	8417.	10724.	9221.	12282.	11799.	10217.	10670.
PURCH COST	\$000	212758.	306143.	348595.	323734.	525318.	595550.	545681.	578120.
AVE. PURCH COST	\$/MWH	29.40	36.37	32.51	35.11	42.77	50.47	53.41	54.18
ECON ENERGY SALES	GWH	27892.	36990.	33651.	39071.	28599.	32512.	34148.	32133.
SALES REV.	\$000	1155930.	1685166.	1617690.	1945100.	1486182.	1864376.	1903783.	1821868.
AVE. SALES REV.	\$/MWH	41.44	45.56	48.07	49.78	51.97	57.34	55.75	56.70
NET ECON ENERGY	GWH	-20655.	-28573.	-22927.	-29850.	-16317.	-20713.	-23931.	-21464.
NET ECON COST	\$000	-943172.	-1379022.	-1269096.	-1621366.	-960864.	-1268826.	-1358102.	-1243748.
TOTAL PURCH	GWH	16448.	20113.	22674.	22082.	26291.	26381.	24864.	25322.
TOTAL PURCH	\$000	874775.	1194442.	1316724.	1552537.	1895726.	2141037.	2110359.	2160998.
TOTAL SALES	GWH	29988.	39158.	34595.	39757.	29432.	33329.	35180.	33363.
TOTAL SALES	\$000	1241147.	1775416.	1679899.	2002039.	1554832.	1938403.	1995207.	1930484.
EXTERNAL COSTS	\$000	0.	0.	0.	0.	0.	0.	0.	0.
CUST. IMPACT COSTS	\$000	0.	0.	0.	0.	0.	0.	0.	0.

02/07/13 15:29:31 V04.0 R03.0

NewEnergy Associates  
Strategist Page 26

AEP EAST  
GENERATION AND FUEL MODULE  
SYSTEM REPORT

SYSTEM RESULTS FROM COMPANY SUMMATION

AEP SYSTEM		2019	2020	2021	2022	2023	2024	2025	2026
ENERGY REQUIRED	GWH	126145.	126271.	126672.	127214.	127855.	128591.	129358.	130210.
DUMP ENERGY	GWH	8.	7.	5.	16.	16.	13.	14.	21.
THERM GENERATION	GWH	130216.	135143.	136026.	131175.	130710.	129980.	130483.	133378.
HYDRO GENERATION	GWH	1015.	1015.	1015.	1015.	1015.	1015.	1015.	1015.
PUMP. GENERATION	GWH	351.	344.	353.	350.	333.	290.	336.	300.
PUMPING ENERGY	GWH	-355.	-345.	-358.	-353.	-329.	-268.	-334.	-282.
EMERGENCY ENERGY	GWH	251.	150.	190.	204.	296.	235.	240.	278.
NET TRANSACTIONS	GWH	-5325.	-10029.	-10550.	-5161.	-4153.	-2649.	-2369.	-4458.
PEAK LOAD	MW	19848.	19870.	19924.	20013.	20025.	20073.	20277.	19468.
LOAD FACTOR	PCT	72.55	72.34	72.58	72.56	72.88	72.93	72.83	76.35
INSTALLED CAPACITY	MW	22099.	22130.	22979.	22966.	23152.	23027.	23261.	22292.
RESERVE MARGIN	MW	2250.	2259.	3055.	2953.	3127.	2954.	2984.	2824.
RESERVE MARGIN	PCT	11.34	11.37	15.33	14.75	15.61	14.72	14.72	14.50
CAPACITY MARGIN	PCT	10.18	10.21	13.29	12.86	13.51	12.83	12.83	12.67
ENERGY RESV MARGIN	PCT	-92.10	-91.93	-91.93	-91.90	-91.89	-91.88	-91.83	-91.83
RENEWABLE ENERGY	PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL BURNED	000 MBTU	1271514.	1321673.	1326787.	1282825.	1279144.	1271650.	1274557.	1301896.
FIXED FUEL COST	\$000	5916.	6069.	6226.	6387.	6553.	6724.	6899.	7079.
TOTAL FUEL COST	\$000	4005082.	4185435.	4340252.	4250492.	4331348.	4420817.	4546201.	4805347.
VAR. O&M COST	\$000	514608.	510967.	535762.	521146.	527480.	551142.	558418.	592398.
FIXED O&M COST	\$000	1976410.	1295910.	1624899.	1539657.	1584221.	1711312.	1728678.	1930453.
TOTAL THERM COST	\$000	6496100.	5992312.	6500914.	6311296.	6443048.	6683270.	6833296.	7328198.
THERMAL COST	\$/MWH	49.89	44.34	47.79	48.11	49.29	51.42	52.37	54.94
TOTAL EMISS. COST	\$000	10018.	0.	0.	1489125.	1492011.	1496876.	1534033.	1568779.
HYD VAR COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
HYD FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
NET TRANS COST	\$000	357369.	178752.	100073.	184615.	281334.	407527.	444119.	327567.
EMER ENERGY COST	\$000	25609.	16766.	20564.	24485.	34931.	29650.	30835.	35775.
TOTAL SYS. COST	\$000	6889096.	6187830.	6621550.	8009521.	8251324.	8617322.	8842282.	9260319.
SYSTEM COST	\$/MWH	54.61	49.00	52.27	62.96	64.54	67.01	68.35	71.12
AVG. MARG. COST	\$/MWH	56.90	57.84	60.10	70.77	72.45	74.93	76.64	78.51
TRANS PURCH	GWH	14189.	14699.	14870.	15233.	15531.	15923.	16491.	16816.
TRANS PURCH COST	\$000	1554786.	1630499.	1687056.	1768071.	1835328.	1925164.	2024680.	2106619.
TRANS SALES	GWH	1280.	1303.	1385.	1458.	1531.	1598.	1696.	1788.
TRANS SALES REV.	\$000	116437.	122505.	151843.	163973.	169471.	180716.	197690.	215450.
UNIT PURCH	GWH	448.	463.	446.	340.	331.	341.	331.	332.
UNIT PURCH COST	\$000	38807.	40556.	40362.	32086.	31968.	33969.	33975.	34564.
UNIT SALES	GWH	0.	0.	0.	0.	0.	0.	0.	0.
UNIT SALES REV.	\$000	0.	0.	0.	0.	0.	0.	0.	0.
ECON ENERGY PURCH	GWH	10867.	11464.	9548.	11363.	11585.	12911.	10996.	11675.
PURCH COST	\$000	606294.	650728.	531813.	721764.	752348.	875946.	760107.	814459.
AVE. PURCH COST	\$/MWH	55.79	56.76	55.70	63.52	64.94	67.85	69.12	69.76
ECON ENERGY SALES	GWH	29548.	35352.	34028.	30639.	30070.	30224.	28491.	31494.
SALES REV.	\$000	1726082.	2020526.	2007315.	2173332.	2168839.	2246837.	2176955.	2412625.
AVE. SALES REV.	\$/MWH	58.42	57.15	58.99	70.93	72.13	74.34	76.41	76.61
NET ECON ENERGY	GWH	-18681.	-23887.	-24480.	-19277.	-18485.	-17314.	-17495.	-19818.
NET ECON COST	\$000	-1119788.	-1369798.	-1475502.	-1451568.	-1416491.	-1370891.	-1416848.	-1598166.
TOTAL PURCH	GWH	25504.	26626.	24864.	26936.	27447.	29174.	27818.	28823.
TOTAL PURCH	\$000	2199887.	2321784.	2259232.	2521920.	2619644.	2835080.	2818762.	2955643.
TOTAL SALES	GWH	30828.	36655.	35414.	32098.	31600.	31822.	30187.	33281.
TOTAL SALES	\$000	1842518.	2143031.	2159158.	2337306.	2338311.	2427553.	2374645.	2628076.
EXTERNAL COSTS	\$000	0.	0.	0.	0.	0.	0.	0.	0.
CUST. IMPACT COSTS	\$000	0.	0.	0.	0.	0.	0.	0.	0.

02/07/13 15:29:31 V04.0 R03.0

NewEnergy Associates  
Strategist Page 27

AEP EAST

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GENERATION AND FUEL MODULE  
SYSTEM REPORT

SYSTEM RESULTS FROM COMPANY SUMMATION

AEP SYSTEM		2027	2028	2029	2030	2031	2032	2033	2034
ENERGY REQUIRED	GWH	122759.	123696.	124563.	125504.	126497.	127556.	128600.	129704.
DUMP ENERGY	GWH	12.	15.	15.	8.	6.	10.	6.	8.
THERM GENERATION	GWH	126517.	123643.	124610.	127282.	125372.	127089.	127752.	125517.
HYDRO GENERATION	GWH	1015.	1015.	1015.	1015.	1015.	1015.	1015.	1015.
PUMP. GENERATION	GWH	316.	313.	317.	316.	321.	309.	325.	288.
PUMPING ENERGY	GWH	-305.	-300.	-307.	-305.	-312.	-295.	-317.	-265.
EMERGENCY ENERGY	GWH	232.	259.	347.	274.	321.	278.	248.	320.
NET TRANSACTIONS	GWH	-5005.	-1219.	-1404.	-3070.	-214.	-830.	-417.	2836.
PEAK LOAD	MW	19632.	19781.	19984.	20195.	20407.	20578.	20837.	21084.
LOAD FACTOR	PCT	71.38	71.19	71.15	70.94	70.76	70.57	70.45	70.22
INSTALLED CAPACITY	MW	22271.	22285.	22267.	22292.	22270.	22270.	22270.	22270.
RESERVE MARGIN	MW	2638.	2504.	2282.	2097.	1863.	1691.	1432.	1185.
RESERVE MARGIN	PCT	13.44	12.66	11.42	10.38	9.13	8.22	6.87	5.62
CAPACITY MARGIN	PCT	11.85	11.24	10.25	9.41	8.37	7.59	6.43	5.32
ENERGY RESV MARGIN	PCT	-91.25	-91.31	-91.37	-91.42	-91.49	-91.56	-91.63	-91.70
RENEWABLE ENERGY	PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL BURNED	000 MBTU	1231754.	1203750.	1213529.	1239665.	1220183.	1237812.	1244615.	1222434.
FIXED FUEL COST	\$000	7264.	7454.	7650.	7851.	8058.	8270.	8489.	8714.
TOTAL FUEL COST	\$000	4614144.	4675026.	4765739.	4982398.	5058655.	5186864.	5343021.	5394365.
VAR. O&M COST	\$000	566289.	574976.	578170.	611222.	624883.	641919.	662788.	659124.
FIXED O&M COST	\$000	1860071.	1959948.	2031256.	2111080.	2122928.	2144476.	2156658.	2175462.
TOTAL THERM COST	\$000	7040504.	7209948.	7375166.	7704700.	7806466.	7973258.	8162466.	8228950.
THERMAL COST	\$/MWH	55.65	58.31	59.19	60.53	62.27	62.74	63.89	65.56
TOTAL EMISS. COST	\$000	1490090.	1471009.	1497012.	1556521.	1556032.	1588909.	1620065.	1616558.
HYD VAR COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
HYD FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
NET TRANS COST	\$000	354338.	638035.	661309.	554073.	780917.	763958.	816818.	1125927.
EMER ENERGY COST	\$000	30788.	34624.	45331.	38690.	45126.	42280.	40874.	53615.
TOTAL SYS. COST	\$000	8915719.	9353617.	9578818.	9853983.	10188540.	10368405.	10640223.	11025051.
SYSTEM COST	\$/MWH	72.63	75.62	76.90	78.52	80.54	81.29	82.74	85.00
AVG. MARG. COST	\$/MWH	79.19	82.14	83.30	84.94	87.49	88.80	90.69	91.89
TRANS PURCH	GWH	16816.	16884.	16853.	16899.	16899.	16930.	16899.	16899.
TRANS PURCH COST	\$000	2151414.	2211583.	2254335.	2314457.	2363760.	2420210.	2466526.	2519984.
TRANS SALES	GWH	525.	526.	525.	525.	525.	526.	525.	525.
TRANS SALES REV.	\$000	43286.	44461.	45478.	46615.	47781.	49076.	50199.	51454.
UNIT PURCH	GWH	380.	298.	380.	332.	446.	325.	317.	308.
UNIT PURCH COST	\$000	40564.	32546.	42429.	37630.	51514.	38282.	38088.	37724.
UNIT SALES	GWH	0.	0.	0.	0.	0.	0.	0.	0.
UNIT SALES REV.	\$000	0.	0.	0.	0.	0.	0.	0.	0.
ECON ENERGY PURCH	GWH	10549.	11417.	11725.	11469.	12076.	12004.	12509.	13879.
PURCH COST	\$000	741637.	817777.	868810.	867597.	935525.	953845.	1023059.	1180119.
AVE. PURCH COST	\$/MWH	70.30	71.63	74.10	75.65	77.47	79.46	81.79	85.03
ECON ENERGY SALES	GWH	32225.	29292.	29837.	31245.	29110.	29562.	29616.	27725.
SALES REV.	\$000	2535992.	2379409.	2458788.	2618997.	2522103.	2599303.	2660656.	2560447.
AVE. SALES REV.	\$/MWH	78.70	81.23	82.41	83.82	86.64	87.93	89.84	92.35
NET ECON ENERGY	GWH	-21676.	-17875.	-18112.	-19776.	-17034.	-17559.	-17108.	-13846.
NET ECON COST	\$000	-1794355.	-1561632.	-1589978.	-1751399.	-1586578.	-1645458.	-1637597.	-1380328.
TOTAL PURCH	GWH	27745.	28599.	28958.	28700.	29421.	29258.	29725.	31087.
TOTAL PURCH COST	\$000	2933616.	3061906.	3165575.	3219684.	3350799.	3412336.	3527673.	3737828.
TOTAL SALES	GWH	32750.	29818.	30362.	31770.	29636.	30089.	30142.	28251.
TOTAL SALES	\$000	2579278.	2423870.	2504266.	2665612.	2569884.	2648380.	2710855.	2611901.
EXTERNAL COSTS	\$000	0.	0.	0.	0.	0.	0.	0.	0.
CUST. IMPACT COSTS	\$000	0.	0.	0.	0.	0.	0.	0.	0.

02/07/13 15:29:31 V04.0 R03.0

NewEnergy Associates  
Strategist Page 28

AEP EAST  
GENERATION AND FUEL MODULE  
SYSTEM REPORT

SYSTEM RESULTS FROM COMPANY SUMMATION

AEP SYSTEM		2035	2036	2037	2038	2039	2040
ENERGY REQUIRED	GWH	130832.	131994.	133159.	134437.	135644.	136863.
DUMP ENERGY	GWH	6.	5.	3.	4.	3.	6.
THERM GENERATION	GWH	124050.	115870.	120055.	110330.	111216.	110918.
HYDRO GENERATION	GWH	1015.	1015.	1015.	1015.	1015.	1015.
PUMP. GENERATION	GWH	323.	259.	317.	309.	320.	293.
PUMPING ENERGY	GWH	-315.	-223.	-307.	-295.	-311.	-272.
EMERGENCY ENERGY	GWH	370.	152.	159.	22.	6.	7.
NET TRANSACTIONS	GWH	5395.	14925.	11922.	23060.	23400.	24909.
PEAK LOAD	MW	21300.	21519.	21996.	22250.	22489.	22662.
LOAD FACTOR	PCT	70.12	69.83	69.11	68.97	68.85	68.76
INSTALLED CAPACITY	MW	22281.	21275.	21275.	20222.	20222.	20222.
RESERVE MARGIN	MW	981.	-244.	-721.	-2028.	-2267.	-2440.
RESERVE MARGIN	PCT	4.61	-1.13	-3.28	-9.12	-10.08	-10.77

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CAPACITY MARGIN	PCT	4.40	-1.15	-3.39	-10.03	-11.21	-12.06
ENERGY RESV MARGIN	PCT	-91.77	-91.85	-91.92	-91.99	-92.06	-92.14
RENEWABLE ENERGY	PCT	0.00	0.00	0.00	0.00	0.00	0.00
FUEL BURNED	000 MBTU	1207556.	1120290.	1160408.	1051678.	1060357.	1060974.
FIXED FUEL COST	\$000	8944.	4591.	4713.	0.	0.	0.
TOTAL FUEL COST	\$000	5405090.	5476558.	5704101.	5685396.	5811835.	5898052.
VAR. O&M COST	\$000	664059.	611420.	633220.	559372.	568341.	583474.
FIXED O&M COST	\$000	4107153.	1686518.	3913937.	1404210.	1419532.	7666934.
TOTAL THERM COST	\$000	10176302.	7776496.	10251258.	7648977.	7799706.	14148460.
THERMAL COST	\$/MWH	82.03	67.11	85.39	69.33	70.13	127.56
TOTAL EMISS. COST	\$000	1604974.	1629784.	1725732.	1711215.	1751229.	1778718.
HYD VAR COST	\$000	0.	0.	0.	0.	0.	0.
HYD FIXED COST	\$000	0.	0.	0.	0.	0.	0.
NET TRANS COST	\$000	1355723.	2287912.	2085207.	3145042.	3269286.	3516503.
EMER ENERGY COST	\$000	65720.	30664.	33482.	6443.	1803.	2257.
TOTAL SYS. COST	\$000	13202720.	11724857.	14095680.	12511677.	12822026.	19445940.
SYSTEM COST	\$/MWH	100.91	88.83	105.86	93.07	94.53	142.08
AVG. MARG. COST	\$/MWH	92.97	95.87	96.33	98.02	98.86	99.83
TRANS PURCH	GWH	16899.	16930.	16899.	16899.	16899.	16930.
TRANS PURCH COST	\$000	2574100.	2635852.	2686689.	2745267.	2804556.	2860658.
TRANS SALES	GWH	525.	526.	525.	525.	525.	526.
TRANS SALES REV.	\$000	52741.	54172.	55411.	56797.	58216.	59796.
UNIT PURCH	GWH	305.	297.	364.	272.	347.	283.
UNIT PURCH COST	\$000	37952.	37775.	47167.	35884.	46666.	38801.
UNIT SALES	GWH	0.	0.	0.	0.	0.	0.
UNIT SALES REV.	\$000	0.	0.	0.	0.	0.	0.
ECON ENERGY PURCH	GWH	13456.	21023.	18384.	27419.	27103.	30402.
PURCH COST	\$000	1164360.	1904773.	1717659.	2595674.	2649852.	3051707.
AVE. PURCH COST	\$/MWH	86.53	90.60	93.43	94.67	97.77	100.38
ECON ENERGY SALES	GWH	24740.	22799.	23199.	21004.	20423.	22180.
SALES REV.	\$000	2367950.	2236317.	2310896.	2174986.	2173570.	2374867.
AVE. SALES REV.	\$/MWH	95.71	98.09	99.61	103.55	106.43	107.07
NET ECON ENERGY	GWH	-11283.	-1776.	-4815.	6415.	6680.	8222.
NET ECON COST	\$000	-1203589.	-331544.	-593237.	420688.	476281.	676840.
TOTAL PURCH	GWH	30660.	38250.	35647.	44589.	44349.	47615.
TOTAL PURCH COST	\$000	3776413.	4578400.	4451514.	5376825.	5501073.	5951166.
TOTAL SALES	GWH	25265.	23325.	23724.	21529.	20948.	22706.
TOTAL SALES	\$000	2420690.	2290489.	2366307.	2231783.	2231787.	2434663.
EXTERNAL COSTS	\$000	0.	0.	0.	0.	0.	0.
CUST. IMPACT COSTS	\$000	0.	0.	0.	0.	0.	0.

02/07/13 15:29:31 V04.0 R03.0

NewEnergy Associates  
Strategist Page 29

AEP EAST  
GENERATION AND FUEL MODULE  
SYSTEM REPORT

KPCO COMPANY #	4	2011	2012	2013	2014	2015	2016	2017	2018
ENERGY REQUIRED	GWH	7432.	7203.	7174.	7174.	7173.	7161.	7184.	7214.
THERM GENERATION	GWH	7431.	5016.	4162.	3386.	2205.	2319.	2370.	2409.
EMERGENCY ENERGY	GWH	80.	85.	75.	86.	67.	12.	3.	3.
NET TRANSACTIONS	GWH	-78.	2102.	2937.	3702.	4901.	4830.	4811.	4801.
PEAK LOAD	MW	1172.	1162.	1169.	1186.	1202.	1171.	1157.	1157.
LOAD FACTOR	PCT	72.39	70.57	70.05	69.05	68.13	69.62	70.88	71.17
INSTALLED CAPACITY	MW	1306.	1293.	1309.	1348.	350.	356.	321.	336.
RESERVE MARGIN	MW	134.	131.	140.	162.	-852.	-815.	-836.	-821.
RESERVE MARGIN	PCT	11.43	11.27	12.01	13.65	-70.91	-69.58	-72.24	-70.97
ENERGY RESV MARGIN	PCT	-100.00	-100.00	-100.00	-100.00	-100.00	-100.00	-100.00	-100.00
LOSS LOAD	HOURS	422.	397.	338.	320.	161.	18.	4.	4.
RENEWABLE ENERGY	PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL BURNED	000 MBTU	70629.	47800.	39608.	32330.	21081.	22387.	22880.	23260.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	176993.	74924.	116758.	91209.	62051.	56025.	60042.	62269.
VAR. O&M COST	\$000	10300.	10433.	9266.	12624.	8908.	17031.	18111.	19453.
FIXED O&M COST	\$000	3983.	8642.	26564.	34774.	72228.	16835.	18531.	20000.
TOTAL THERM COST	\$000	191276.	93999.	152588.	138607.	143187.	89891.	96683.	101722.
THERMAL COST	\$/MWH	25.74	18.74	36.66	40.93	64.93	38.77	40.80	42.22
TOTAL EMISS. COST	\$000	6422.	43104.	25991.	32418.	6683.	1054.	585.	229.
NET TRANS COST	\$000	-30147.	64375.	98407.	154282.	248980.	287367.	294449.	298151.
EMER ENERGY COST	\$000	6114.	6728.	6354.	6804.	5975.	1531.	396.	429.
TOTAL SYS. COST	\$000	173665.	208207.	283339.	332111.	404825.	379843.	392113.	400531.
SYSTEM COST	\$/MWH	23.37	28.90	39.50	46.29	56.43	53.05	54.58	55.52
AVG. MARG. COST	\$/MWH	38.92	48.67	51.66	56.27	57.09	61.78	61.31	61.68
TRANS PURCH	GWH	0.	0.	1.	1.	1.	1.	1.	1.
TRANS PURCH COST	\$000	5438.	10313.	17500.	25000.	30000.	30000.	30000.	30000.
TRANS SALES	GWH	115.	117.	36.	17.	23.	19.	28.	37.
TRANS SALES REV.	\$000	3788.	3923.	1783.	872.	1235.	1141.	1744.	2411.
ECON ENERGY PURCH	GWH	1527.	2810.	3500.	4028.	5016.	4848.	4838.	4837.
ECON ENERGY PURCH	\$000	36017.	92791.	114402.	152017.	225950.	258508.	266192.	270562.
ECON ENERGY SALES	GWH	1491.	592.	528.	311.	93.	0.	0.	0.
ECON ENERGY SALES	\$000	67815.	34806.	31712.	21863.	5735.	0.	0.	0.



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TOTAL PURCH	GWH	1527.	2811.	3501.	4030.	5017.	4849.	4839.	4838.
TOTAL PURCH	\$000	41455.	103104.	131902.	177017.	255950.	288508.	296192.	300562.
TOTAL SALES	GWH	1605.	708.	564.	328.	116.	19.	28.	37.
TOTAL SALES	\$000	71602.	38729.	33495.	22735.	6971.	1141.	1744.	2411.
EXTERNAL COSTS	\$000	0.	0.	0.	0.	0.	0.	0.	0.
CUST. IMPACT COSTS	\$000	0.	0.	0.	0.	0.	0.	0.	0.

02/07/13 15:29:31 V04.0 R03.0

NewEnergy Associates  
Strategist Page 30

AEP EAST  
GENERATION AND FUEL MODULE  
SYSTEM REPORT

KPCO COMPANY #		2019	2020	2021	2022	2023	2024	2025	2026
ENERGY REQUIRED	GWH	7246.	7275.	7308.	7346.	7385.	7427.	7465.	7511.
THERM GENERATION	GWH	2519.	2194.	4224.	3847.	3765.	3734.	3618.	5513.
EMERGENCY ENERGY	GWH	3.	0.	5.	4.	2.	3.	3.	4.
NET TRANSACTIONS	GWH	4724.	5081.	3080.	3495.	3618.	3690.	3844.	1994.
PEAK LOAD	MW	1157.	1159.	1167.	1174.	1174.	1179.	1189.	1198.
LOAD FACTOR	PCT	71.49	71.46	71.49	71.43	71.81	71.72	71.67	71.57
INSTALLED CAPACITY	MW	338.	344.	1295.	1303.	1303.	1308.	1319.	1483.
RESERVE MARGIN	MW	-819.	-815.	128.	129.	129.	129.	130.	285.
RESERVE MARGIN	PCT	-70.78	-70.35	10.99	11.01	11.01	10.96	10.96	23.81
ENERGY RESV MARGIN	PCT	-100.00	-100.00	-100.00	-100.00	-100.00	-100.00	-100.00	-100.00
LOSS LOAD	HOURS	4.	0.	36.	27.	20.	25.	21.	53.
RENEWABLE ENERGY	PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL BURNED	000 MBTU	24320.	21200.	38223.	34729.	33933.	33642.	32462.	45913.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	67163.	59437.	161248.	154562.	154973.	160080.	158969.	255840.
VAR. O&M COST	\$000	21013.	18752.	31145.	28545.	28680.	28922.	28612.	37537.
FIXED O&M COST	\$000	21547.	22025.	32388.	33443.	34389.	35421.	36469.	69314.
TOTAL THERM COST	\$000	109724.	100214.	224781.	216551.	218042.	224423.	224049.	362691.
THERMAL COST	\$/MWH	43.56	45.67	53.21	56.29	57.92	60.10	61.92	65.79
TOTAL EMISS. COST	\$000	259.	0.	0.	42827.	42288.	42392.	41144.	54065.
NET TRANS COST	\$000	298994.	323146.	186560.	235085.	247694.	258483.	278007.	123415.
EMER ENERGY COST	\$000	438.	0.	629.	550.	339.	439.	422.	550.
TOTAL SYS. COST	\$000	409414.	423361.	411971.	495012.	508362.	525738.	543623.	540721.
SYSTEM COST	\$/MWH	56.50	58.19	56.37	67.38	68.83	70.79	72.82	71.99
AVG. MARG. COST	\$/MWH	65.45	67.81	67.82	81.13	82.95	85.55	87.43	85.52
TRANS PURCH	GWH	1.	1.	1.	1.	1.	1.	1.	1.
TRANS PURCH COST	\$000	30000.	30000.	30000.	30000.	30000.	30000.	30000.	30000.
TRANS SALES	GWH	36.	34.	34.	34.	34.	34.	34.	34.
TRANS SALES REV.	\$000	2393.	2344.	2398.	2458.	2519.	2588.	2647.	2713.
ECON ENERGY PURCH	GWH	4759.	5114.	3115.	3530.	3652.	3727.	3878.	2408.
ECON ENERGY PURCH	\$000	271387.	295491.	159207.	207803.	220378.	231534.	250815.	133495.
ECON ENERGY SALES	GWH	0.	0.	3.	2.	2.	4.	1.	382.
ECON ENERGY SALES	\$000	0.	0.	249.	261.	165.	463.	161.	37368.
TOTAL PURCH	GWH	4760.	5115.	3116.	3532.	3654.	3728.	3879.	2409.
TOTAL PURCH	\$000	301387.	325491.	189207.	237803.	250378.	261534.	280815.	163495.
TOTAL SALES	GWH	36.	34.	36.	36.	35.	38.	35.	416.
TOTAL SALES	\$000	2393.	2344.	2647.	2718.	2685.	3051.	2808.	40080.
EXTERNAL COSTS	\$000	0.	0.	0.	0.	0.	0.	0.	0.
CUST. IMPACT COSTS	\$000	0.	0.	0.	0.	0.	0.	0.	0.

02/07/13 15:29:31 V04.0 R03.0

NewEnergy Associates  
Strategist Page 31

AEP EAST  
GENERATION AND FUEL MODULE  
SYSTEM REPORT

KPCO COMPANY #		2027	2028	2029	2030	2031	2032	2033	2034
ENERGY REQUIRED	GWH	7556.	7604.	7646.	7691.	7736.	7782.	7821.	7862.
THERM GENERATION	GWH	5484.	5452.	5457.	5310.	5352.	5599.	5507.	5543.
EMERGENCY ENERGY	GWH	4.	3.	4.	4.	5.	5.	4.	5.
NET TRANSACTIONS	GWH	2068.	2149.	2185.	2377.	2379.	2178.	2309.	2314.
PEAK LOAD	MW	1208.	1215.	1220.	1229.	1239.	1246.	1258.	1260.
LOAD FACTOR	PCT	71.41	71.25	71.54	71.43	71.27	71.10	70.97	71.23
INSTALLED CAPACITY	MW	1483.	1483.	1483.	1483.	1483.	1483.	1483.	1483.
RESERVE MARGIN	MW	275.	268.	263.	254.	244.	237.	225.	223.
RESERVE MARGIN	PCT	22.78	22.08	21.58	20.69	19.71	19.04	17.90	17.72
ENERGY RESV MARGIN	PCT	-100.00	-100.00	-100.00	-100.00	-100.00	-100.00	-100.00	-100.00
LOSS LOAD	HOURS	53.	49.	52.	48.	59.	60.	57.	60.
RENEWABLE ENERGY	PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL BURNED	000 MBTU	45599.	45313.	45401.	43870.	44227.	46573.	45580.	45907.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	261347.	265775.	272460.	271687.	281465.	296053.	298669.	307227.
VAR. O&M COST	\$000	37988.	38650.	39606.	38821.	39910.	43501.	43241.	44543.
FIXED O&M COST	\$000	70390.	71479.	72585.	73713.	74861.	76034.	77233.	78453.
TOTAL THERM COST	\$000	369725.	375904.	384651.	384221.	396236.	415588.	419142.	430222.
THERMAL COST	\$/MWH	67.42	68.95	70.48	72.36	74.03	74.23	76.11	77.61
TOTAL EMISS. COST	\$000	54251.	54497.	55422.	53436.	54575.	59137.	58050.	59328.
NET TRANS COST	\$000	131669.	138870.	144504.	163705.	164389.	151700.	165442.	169213.

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EMER ENERGY COST	\$000	567.	517.	615.	585.	743.	790.	820.	943.
TOTAL SYS. COST	\$000	556212.	569788.	585192.	601947.	615944.	627215.	643455.	659707.
SYSTEM COST	\$/MWH	73.61	74.93	76.54	78.27	79.62	80.60	82.27	83.91
AVG. MARG. COST	\$/MWH	87.16	89.12	90.90	93.39	95.54	96.61	99.22	101.53
TRANS PURCH	GWH	1.	1.	1.	1.	1.	1.	1.	1.
TRANS PURCH COST	\$000	30000.	30000.	30000.	30000.	30000.	30000.	30000.	30000.
TRANS SALES	GWH	34.	34.	34.	34.	34.	34.	34.	34.
TRANS SALES REV.	\$000	2781.	2856.	2921.	2995.	3069.	3153.	3225.	3305.
ECON ENERGY PURCH	GWH	2428.	2507.	2536.	2674.	2700.	2524.	2615.	2603.
ECON ENERGY PURCH	\$000	137324.	145701.	150909.	165894.	169801.	159716.	170618.	173086.
ECON ENERGY SALES	GWH	327.	325.	319.	264.	289.	314.	273.	257.
ECON ENERGY SALES	\$000	32874.	33975.	33484.	29195.	32342.	34863.	31951.	30568.
TOTAL PURCH	GWH	2429.	2508.	2538.	2675.	2701.	2525.	2616.	2605.
TOTAL PURCH	\$000	167324.	175701.	180909.	195894.	199801.	189716.	200618.	203086.
TOTAL SALES	GWH	361.	359.	353.	298.	322.	347.	307.	291.
TOTAL SALES	\$000	35655.	36831.	36405.	32189.	35411.	38015.	35176.	33873.
EXTERNAL COSTS	\$000	0.	0.	0.	0.	0.	0.	0.	0.
CUST. IMPACT COSTS	\$000	0.	0.	0.	0.	0.	0.	0.	0.

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NewEnergy Associates  
Strategist Page 32

AEP EAST  
GENERATION AND FUEL MODULE  
SYSTEM REPORT

KPCO		2035	2036	2037	2038	2039	2040
COMPANY #	4						
ENERGY REQUIRED	GWH	7904.	7948.	7991.	8034.	8077.	8119.
THERM GENERATION	GWH	5382.	5533.	5656.	5410.	5683.	5474.
EMERGENCY ENERGY	GWH	4.	5.	5.	4.	4.	3.
NET TRANSACTIONS	GWH	2519.	2410.	2331.	2620.	2389.	2642.
PEAK LOAD	MW	1279.	1285.	1299.	1309.	1319.	1319.
LOAD FACTOR	PCT	70.55	70.41	70.23	70.07	69.90	70.08
INSTALLED CAPACITY	MW	1483.	1483.	1483.	1483.	1483.	1483.
RESERVE MARGIN	MW	204.	198.	184.	174.	164.	164.
RESERVE MARGIN	PCT	15.97	15.43	14.18	13.31	12.45	12.45
ENERGY RESV MARGIN	PCT	-100.00	-100.00	-100.00	-100.00	-100.00	-100.00
LOSS LOAD	HOURS	50.	59.	54.	51.	51.	41.
RENEWABLE ENERGY	PCT	0.00	0.00	0.00	0.00	0.00	0.00
FUEL BURNED	000 MBTU	44354.	45639.	46838.	44402.	47050.	44994.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	305306.	320304.	331215.	328271.	345389.	341823.
VAR. O&M COST	\$000	43707.	46045.	48682.	46490.	51165.	49413.
FIXED O&M COST	\$000	79692.	80954.	81837.	82251.	82751.	264411.
TOTAL THERM COST	\$000	428706.	447303.	461734.	457012.	479305.	655646.
THERMAL COST	\$/MWH	79.66	80.84	81.63	84.48	84.34	119.78
TOTAL EMISS. COST	\$000	57434.	60068.	63026.	59348.	65027.	61989.
NET TRANS COST	\$000	190632.	182066.	179352.	208062.	190923.	219283.
EMER ENERGY COST	\$000	898.	1100.	1149.	1205.	1310.	1178.
TOTAL SYS. COST	\$000	677670.	690538.	705261.	725627.	736565.	938096.
SYSTEM COST	\$/MWH	85.74	86.88	88.25	90.32	91.19	115.54
AVG. MARG. COST	\$/MWH	104.39	106.61	108.56	112.29	113.66	117.08
TRANS PURCH	GWH	1.	1.	1.	1.	1.	1.
TRANS PURCH COST	\$000	30000.	30000.	30000.	30000.	30000.	30000.
TRANS SALES	GWH	34.	34.	34.	34.	34.	34.
TRANS SALES REV.	\$000	3388.	3480.	3560.	3649.	3740.	3841.
ECON ENERGY PURCH	GWH	2791.	2726.	2640.	2890.	2673.	2893.
ECON ENERGY PURCH	\$000	193931.	190915.	188136.	213684.	198713.	225142.
ECON ENERGY SALES	GWH	240.	284.	278.	237.	251.	219.
ECON ENERGY SALES	\$000	29911.	35369.	35224.	31973.	34050.	32018.
TOTAL PURCH	GWH	2792.	2728.	2642.	2891.	2674.	2895.
TOTAL PURCH	\$000	223931.	220915.	218136.	243684.	228713.	255142.
TOTAL SALES	GWH	274.	318.	311.	271.	285.	253.
TOTAL SALES	\$000	33299.	38849.	38784.	35622.	37790.	35859.
EXTERNAL COSTS	\$000	0.	0.	0.	0.	0.	0.
CUST. IMPACT COSTS	\$000	0.	0.	0.	0.	0.	0.

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NewEnergy Associates  
Strategist Page 33

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2011

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	312.7	6469.	20.69	659.	2.11
I&M	172.5	3515.	20.38	362.	2.10
APCO	5224.4	166757.	31.92	70737.	13.54
KPCO	1527.2	36017.	23.58	7375.	4.83

AEP	7236.8	212758.	29.40	79133.	10.93
***** EXPORT ENERGY *****					
COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE	\$000	RATE
			\$/MWH		\$/MWH
OPCO+CSP	19174.2	800288.	41.74	219169.	11.43
I&M	6791.4	269270.	39.65	82002.	12.07
APCO	435.8	18557.	42.59	2300.	5.28
KPCO	1490.9	67815.	45.49	13773.	9.24
AEP	27892.2	1155930.	41.44	317245.	11.37
02/07/13	15:29:31	V04.0	R03.0		

NewEnergy Associates  
Strategist Page 34

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2012

***** IMPORT ENERGY *****					
COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE	\$000	RATE
			\$/MWH		\$/MWH
OPCO+CSP	17.3	384.	22.20	31.	1.79
I&M	86.2	2523.	29.27	374.	4.34
APCO	5503.4	210444.	38.24	70801.	12.87
KPCO	2810.4	92791.	33.02	38291.	13.63
AEP	8417.3	306143.	36.37	109498.	13.01

***** EXPORT ENERGY *****					
COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE	\$000	RATE
			\$/MWH		\$/MWH
OPCO+CSP	27732.8	1274520.	45.96	416675.	15.02
I&M	8456.6	365316.	43.20	127619.	15.09
APCO	209.4	10523.	50.26	1171.	5.59
KPCO	591.6	34806.	58.83	6692.	11.31
AEP	36990.4	1685165.	45.56	552157.	14.93
02/07/13	15:29:31	V04.0	R03.0		

NewEnergy Associates  
Strategist Page 35

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2013

***** IMPORT ENERGY *****					
COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE	\$000	RATE
			\$/MWH		\$/MWH
OPCO+CSP	37.4	865.	23.10	87.	2.31
I&M	475.0	11175.	23.52	2043.	4.30
APCO	6711.2	222153.	33.10	84585.	12.60
KPCO	3500.3	114402.	32.68	53666.	15.33
AEP	10723.9	348594.	32.51	140380.	13.09

***** EXPORT ENERGY *****					
COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE	\$000	RATE
			\$/MWH		\$/MWH
OPCO+CSP	25906.2	1225506.	47.31	388447.	14.99
I&M	6103.9	295041.	48.34	85428.	14.00
APCO	1113.4	65430.	58.76	9720.	8.73
KPCO	527.7	31712.	60.10	5810.	11.01
AEP	33651.2	1617690.	48.07	489405.	14.54
02/07/13	15:29:31	V04.0	R03.0		

NewEnergy Associates  
Strategist Page 36

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2014

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	23.7	538.	22.69	76.	3.21
I&M	139.1	3344.	24.05	336.	2.41
APCO	5029.6	167835.	33.37	43974.	8.74
KPCO	4028.4	152017.	37.74	66979.	16.63
AEP	9220.7	323734.	35.11	111365.	12.08

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	30204.3	1498681.	49.62	500771.	16.58
I&M	7777.2	381108.	49.00	121396.	15.61
APCO	777.8	43446.	55.86	6211.	7.99
KPCO	311.2	21863.	70.25	4279.	13.75
AEP	39070.5	1945099.	49.78	632657.	16.19

02/07/13 15:29:31 V04.0 R03.0

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2015

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	69.1	1677.	24.26	238.	3.44
I&M	118.9	3201.	26.93	380.	3.20
APCO	7078.6	294489.	41.60	111046.	15.69
KPCO	5015.8	225950.	45.05	141627.	28.24
AEP	12282.4	525318.	42.77	253291.	20.62

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	20411.0	1060788.	51.97	330345.	16.18
I&M	7963.0	411541.	51.68	123590.	15.52
APCO	132.1	8117.	61.44	908.	6.87
KPCO	93.3	5735.	61.45	1212.	12.98
AEP	28599.5	1486181.	51.97	456054.	15.95

02/07/13 15:29:31 V04.0 R03.0

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2016

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	39.2	981.	25.01	137.	3.50
I&M	153.2	4659.	30.41	809.	5.28
APCO	6758.7	331400.	49.03	120775.	17.87
KPCO	4848.1	258508.	53.32	177161.	36.54
AEP	11799.3	595550.	50.47	298883.	25.33

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	24550.9	1401074.	57.07	483289.	19.69
I&M	7732.9	448519.	58.00	150464.	19.46
APCO	228.4	14783.	64.73	2038.	8.93
KPCO	0.0	0.	0.00	0.	0.00
AEP	32512.2	1864376.	57.34	635791.	19.56

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2017

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GW	\$000	RATE	\$000	RATE
			\$/MWH		\$/MWH
OPCO+CSP	3.7	98.	26.86	5.	1.28
I&M	46.3	1465.	31.65	222.	4.81
APCO	5329.1	277925.	52.15	88840.	16.67
KPCO	4838.0	266192.	55.02	186316.	38.51
AEP	10217.0	545681.	53.41	275383.	26.95

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GW	\$000	RATE	\$000	RATE
			\$/MWH		\$/MWH
OPCO+CSP	26353.2	1457324.	55.30	486567.	18.46
I&M	7665.3	437835.	57.12	132393.	17.27
APCO	129.1	8622.	66.77	1062.	8.22
KPCO	0.0	0.	0.00	0.	0.00
AEP	34147.7	1903782.	55.75	620022.	18.16

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2018

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GW	\$000	RATE	\$000	RATE
			\$/MWH		\$/MWH
OPCO+CSP	14.3	396.	27.73	19.	1.35
I&M	48.4	1961.	40.47	388.	8.01
APCO	5770.1	305201.	52.89	100922.	17.49
KPCO	4836.8	270562.	55.94	186556.	38.57
AEP	10669.7	578120.	54.18	287886.	26.98

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GW	\$000	RATE	\$000	RATE
			\$/MWH		\$/MWH
OPCO+CSP	25385.6	1440408.	56.74	470944.	18.55
I&M	6624.8	373053.	56.31	113661.	17.16
APCO	123.0	8407.	68.36	1083.	8.81
KPCO	0.0	0.	0.00	0.	0.00
AEP	32133.4	1821868.	56.70	585689.	18.23

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2019

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GW	\$000	RATE	\$000	RATE
			\$/MWH		\$/MWH
OPCO+CSP	12.6	382.	30.29	33.	2.58
I&M	288.3	13763.	47.74	2489.	8.63
APCO	5807.2	320762.	55.24	106498.	18.34
KPCO	4758.8	271387.	57.03	184003.	38.67
AEP	10866.9	606294.	55.79	293022.	26.96

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY		BILLING		SAVINGS	
	GW	\$000	RATE \$/MWH	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	24316.0	1419078.	58.36	448528.	18.45	
I&M	5102.4	298463.	58.49	94030.	18.43	
APCO	129.9	8540.	65.74	1246.	9.59	
KPCO	0.0	0.	0.00	0.	0.00	
AEP	29548.2	1726081.	58.42	543804.	18.40	

02/07/13 15:29:31 V04.0 R03.0

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2020

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY		BILLING		SAVINGS	
	GW	\$000	RATE \$/MWH	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	3.1	88.	28.03	5.	1.66	
I&M	12.1	892.	73.72	229.	18.94	
APCO	6335.8	354258.	55.91	119208.	18.82	
KPCO	5113.5	295491.	57.79	203250.	39.75	
AEP	11464.5	650728.	56.76	322692.	28.15	

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY		BILLING		SAVINGS	
	GW	\$000	RATE \$/MWH	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	26609.4	1546734.	58.13	510312.	19.18	
I&M	8680.0	469257.	54.06	194831.	22.45	
APCO	62.4	4535.	72.65	480.	7.68	
KPCO	0.0	0.	0.00	0.	0.00	
AEP	35351.8	2020526.	57.15	705622.	19.96	

02/07/13 15:29:31 V04.0 R03.0

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2021

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY		BILLING		SAVINGS	
	GW	\$000	RATE \$/MWH	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	24.1	722.	29.91	76.	3.13	
I&M	54.0	3065.	56.75	613.	11.36	
APCO	6355.6	368819.	58.03	121675.	19.14	
KPCO	3114.6	159207.	51.12	59871.	19.22	
AEP	9548.3	531813.	55.70	182235.	19.09	

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY		BILLING		SAVINGS	
	GW	\$000	RATE \$/MWH	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	25427.1	1529988.	60.17	501681.	19.73	
I&M	8545.2	473302.	55.39	198729.	23.26	
APCO	53.3	3776.	70.79	338.	6.34	
KPCO	2.7	249.	91.93	12.	4.27	
AEP	34028.4	2007316.	58.99	700759.	20.59	

02/07/13 15:29:31 V04.0 R03.0

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2022

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY		BILLING		SAVINGS	
	GW	\$000	RATE \$/MWH	RATE \$/MWH	\$000	RATE \$/MWH

OPCO+CSP	21.8	874.	40.03	63.	2.91
I&M	43.0	2557.	59.47	455.	10.58
APCO	7767.6	510530.	65.73	162350.	20.90
KPCO	3530.2	207803.	58.86	69955.	19.82
AEP	11362.7	721764.	63.52	232824.	20.49

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY GWH	BILLING \$000	BILLING RATE \$/MWH	SAVINGS \$000	SAVINGS RATE \$/MWH
OPCO+CSP	23848.2	1715386.	71.93	490528.	20.57
I&M	6719.7	452238.	67.30	158849.	23.64
APCO	69.0	5447.	78.97	511.	7.41
KPCO	2.5	261.	106.41	12.	5.08
AEP	30639.3	2173332.	70.93	649901.	21.21

02/07/13 15:29:31 V04.0 R03.0

NewEnergy Associates  
Strategist Page

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2023

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY GWH	BILLING \$000	BILLING RATE \$/MWH	SAVINGS \$000	SAVINGS RATE \$/MWH
OPCO+CSP	23.1	958.	41.49	62.	2.70
I&M	74.4	4634.	62.25	800.	10.75
APCO	7835.0	526378.	67.18	165624.	21.14
KPCO	3652.3	220378.	60.34	78694.	21.55
AEP	11584.9	752349.	64.94	245181.	21.16

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY GWH	BILLING \$000	BILLING RATE \$/MWH	SAVINGS \$000	SAVINGS RATE \$/MWH
OPCO+CSP	24526.8	1789450.	72.96	515827.	21.03
I&M	5508.1	376398.	68.34	134620.	24.44
APCO	33.1	2825.	85.28	226.	6.82
KPCO	1.6	165.	103.11	9.	5.71
AEP	30069.6	2168839.	72.13	650682.	21.64

02/07/13 15:29:32 V04.0 R03.0

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Strategist Page

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2024

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY GWH	BILLING \$000	BILLING RATE \$/MWH	SAVINGS \$000	SAVINGS RATE \$/MWH
OPCO+CSP	30.0	1266.	42.16	107.	3.56
I&M	315.8	21675.	68.64	3519.	11.14
APCO	8838.2	621471.	70.32	213514.	24.16
KPCO	3726.6	231534.	62.13	83650.	22.45
AEP	12910.6	875946.	67.85	300790.	23.30

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY GWH	BILLING \$000	BILLING RATE \$/MWH	SAVINGS \$000	SAVINGS RATE \$/MWH
OPCO+CSP	24060.1	1813549.	75.38	517682.	21.52
I&M	6117.9	429305.	70.17	158084.	25.84
APCO	42.3	3520.	83.11	359.	8.47
KPCO	4.0	463.	115.86	21.	5.31
AEP	30224.3	2246837.	74.34	676146.	22.37

02/07/13 15:29:32 V04.0 R03.0

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Strategist Page

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2025

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	42.5	1900.	44.66	150.	3.53
I&M	113.7	7438.	65.40	1212.	10.66
APCO	6962.0	499954.	71.81	148956.	21.40
KPCO	3878.0	250815.	64.68	98250.	25.34
AEP	10996.3	760107.	69.12	248569.	22.60

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	21899.2	1700360.	77.64	472226.	21.56
I&M	6498.4	468689.	72.12	167194.	25.73
APCO	91.9	7744.	84.26	794.	8.64
KPCO	1.3	161.	125.18	4.	3.20
AEP	28490.8	2176954.	76.41	640217.	22.47

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AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2026

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	23.0	994.	43.19	74.	3.20
I&M	55.6	4026.	72.35	817.	14.69
APCO	9188.9	675944.	73.56	238256.	25.93
KPCO	2407.8	133495.	55.44	23077.	9.58
AEP	11675.4	814459.	69.76	262224.	22.46

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	24789.7	1917413.	77.35	542717.	21.89
I&M	6270.8	453361.	72.30	158999.	25.36
APCO	51.0	4484.	87.84	505.	9.89
KPCO	381.9	37368.	97.85	4826.	12.64
AEP	31493.5	2412626.	76.61	707048.	22.45

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AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2027

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	5.0	227.	45.16	12.	2.49
I&M	50.4	3828.	75.91	850.	16.84
APCO	8065.8	600257.	74.42	193386.	23.98
KPCO	2427.9	137324.	56.56	23328.	9.61
AEP	10549.1	741637.	70.30	217576.	20.62

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	24779.9	1981575.	79.97	616892.	24.89
I&M	7057.2	516193.	73.14	182976.	25.93



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APCO	60.9	5349.	87.86	514.	8.45
KPCO	327.2	32874.	100.48	3913.	11.96
AEP	32225.1	2535991.	78.70	804294.	24.96

02/07/13 15:29:32 V04.0 R03.0

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2028

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE	\$000	RATE
			\$/MWH		\$/MWH
OPCO+CSP	13.5	606.	45.00	50.	3.71
I&M	338.1	24483.	72.42	3974.	11.76
APCO	8558.6	646987.	75.60	213389.	24.93
KPCO	2506.6	145701.	58.13	25494.	10.17
AEP	11416.7	817777.	71.63	242907.	21.28

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE	\$000	RATE
			\$/MWH		\$/MWH
OPCO+CSP	23389.5	1921891.	82.17	581348.	24.86
I&M	5544.3	420476.	75.84	144414.	26.05
APCO	32.9	3067.	93.08	278.	8.43
KPCO	324.8	33975.	104.61	4285.	13.19
AEP	29291.6	2379409.	81.23	730325.	24.93

02/07/13 15:29:32 V04.0 R03.0

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2029

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE	\$000	RATE
			\$/MWH		\$/MWH
OPCO+CSP	14.7	718.	48.70	37.	2.49
I&M	99.7	8049.	80.72	1688.	16.92
APCO	9073.9	709134.	78.15	244519.	26.95
KPCO	2536.4	150909.	59.50	26108.	10.29
AEP	11724.7	868810.	74.10	272351.	23.23

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE	\$000	RATE
			\$/MWH		\$/MWH
OPCO+CSP	24082.3	2013298.	83.60	609917.	25.33
I&M	5406.1	409354.	75.72	138197.	25.56
APCO	29.4	2652.	90.09	224.	7.62
KPCO	319.4	33484.	104.84	4101.	12.84
AEP	29837.2	2458787.	82.41	752440.	25.22

02/07/13 15:29:32 V04.0 R03.0

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2030

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE	\$000	RATE
			\$/MWH		\$/MWH
OPCO+CSP	12.1	581.	48.11	30.	2.47
I&M	67.4	5743.	85.24	1376.	20.42
APCO	8715.7	695379.	79.78	225419.	25.86
KPCO	2673.8	165894.	62.04	32614.	12.20
AEP	11468.9	867597.	75.65	259438.	22.62

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	24674.7	2099686.	85.09	635065.	25.74
I&M	6278.7	487505.	77.64	163143.	25.98
APCO	26.9	2611.	97.21	242.	9.00
KPCO	264.3	29195.	110.44	3755.	14.20
AEP	31244.6	2618996.	83.82	802204.	25.67

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NewEnergy Associates  
Strategist Page 53

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2031

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	25.3	1174.	46.41	150.	5.93
I&M	584.3	45973.	78.68	8457.	14.47
APCO	8766.9	718578.	81.96	232249.	26.49
KPCO	2699.6	169801.	62.90	32031.	11.87
AEP	12076.1	935526.	77.47	272888.	22.60

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	24246.7	2118807.	87.39	635083.	26.19
I&M	4555.2	369038.	81.02	125468.	27.54
APCO	19.9	1915.	96.09	148.	7.44
KPCO	288.6	32342.	112.05	4173.	14.46
AEP	29110.4	2522102.	86.64	764873.	26.27

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NewEnergy Associates  
Strategist Page 54

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2032

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	18.6	893.	48.00	81.	4.34
I&M	83.9	7513.	89.53	1800.	21.45
APCO	9376.9	785723.	83.79	275696.	29.40
KPCO	2524.1	159716.	63.28	26706.	10.58
AEP	12003.5	953846.	79.46	304284.	25.35

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	22692.2	2035192.	89.69	597038.	26.31
I&M	6528.8	526597.	80.66	175900.	26.94
APCO	27.9	2652.	95.09	243.	8.73
KPCO	313.6	34863.	111.15	4216.	13.44
AEP	29562.5	2599303.	87.93	777396.	26.30

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Strategist Page 55

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2033

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

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COMPANY	ENERGY	BILLING	BILLING RATE	SAVINGS	SAVINGS RATE
	GWH	\$000	\$/MWH	\$000	\$/MWH
OPCO+CSP	23.2	1158.	49.99	90.	3.89
I&M	282.8	24418.	86.34	5500.	19.45
APCO	9587.7	826865.	86.24	309238.	32.25
KPCO	2614.9	170616.	65.25	29868.	11.42
AEP	12508.7	1023059.	81.79	344695.	27.56

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING RATE	SAVINGS	SAVINGS RATE
	GWH	\$000	\$/MWH	\$000	\$/MWH
OPCO+CSP	23176.8	2117631.	91.37	623926.	26.92
I&M	6160.6	510441.	82.86	171416.	27.82
APCO	5.8	633.	109.94	34.	5.96
KPCO	273.3	31951.	116.90	4204.	15.38
AEP	29616.5	2660656.	89.84	799580.	27.00

02/07/13 15:29:32 V04.0 R03.0

NewEnergy Associates  
Strategist Page 56

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2034

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING RATE	SAVINGS	SAVINGS RATE
	GWH	\$000	\$/MWH	\$000	\$/MWH
OPCO+CSP	29.1	1487.	51.15	129.	4.43
I&M	192.4	18001.	93.56	4695.	24.40
APCO	11054.6	987545.	89.33	460798.	41.68
KPCO	2603.3	173086.	66.49	29647.	11.39
AEP	13879.4	1180119.	85.03	495268.	35.68

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING RATE	SAVINGS	SAVINGS RATE
	GWH	\$000	\$/MWH	\$000	\$/MWH
OPCO+CSP	22456.5	2097591.	93.41	611219.	27.22
I&M	4999.8	431136.	86.23	134608.	26.92
APCO	11.7	1151.	98.08	99.	8.45
KPCO	257.3	30568.	118.78	3680.	14.30
AEP	27725.4	2560446.	92.35	749606.	27.04

02/07/13 15:29:32 V04.0 R03.0

NewEnergy Associates  
Strategist Page 57

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2035

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING RATE	SAVINGS	SAVINGS RATE
	GWH	\$000	\$/MWH	\$000	\$/MWH
OPCO+CSP	77.4	4353.	56.21	362.	4.68
I&M	426.5	40533.	95.04	10643.	24.96
APCO	10161.7	925544.	91.08	438821.	43.18
KPCO	2790.7	193931.	69.49	40550.	14.53
AEP	13456.4	1164360.	86.53	490377.	36.44

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING RATE	SAVINGS	SAVINGS RATE
	GWH	\$000	\$/MWH	\$000	\$/MWH
OPCO+CSP	20736.1	2006596.	96.77	585470.	28.23
I&M	3753.3	330310.	88.01	103460.	27.56
APCO	10.6	1132.	106.60	74.	7.00
KPCO	239.8	29911.	124.72	4143.	17.28
AEP	24739.8	2367949.	95.71	693148.	28.02

02/07/13 15:29:32 V04.0 R03.0

NewEnergy Associates  
Strategist Page 58

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2036

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	33.6	1775.	52.88	154.	4.60
I&M	5714.5	542282.	94.90	272755.	47.73
APCO	12548.7	1169802.	93.22	671606.	53.52
KPCO	2726.2	190915.	70.03	37566.	13.78
AEP	21023.0	1904774.	90.60	982082.	46.71

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	22272.8	2177753.	97.78	636880.	28.59
I&M	231.5	22108.	95.52	2793.	12.07
APCO	10.4	1086.	103.94	85.	8.18
KPCO	284.0	35369.	124.55	4922.	17.33
AEP	22798.6	2236317.	98.09	644681.	28.28

4 02/07/13 15:29:32 V04.0 R03.0

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2037

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	31.3	1725.	55.14	130.	4.17
I&M	4661.5	467731.	100.34	217007.	46.55
APCO	11050.7	1060066.	95.93	642108.	58.11
KPCO	2640.4	188136.	71.25	33511.	12.69
AEP	18383.9	1717659.	93.43	892757.	48.56

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	22697.1	2253315.	99.28	671860.	29.60
I&M	213.4	21221.	99.42	2538.	11.89
APCO	11.0	1136.	103.44	57.	5.17
KPCO	277.5	35224.	126.92	5012.	18.06
AEP	23199.0	2310896.	99.61	679467.	29.29

4 02/07/13 15:29:32 V04.0 R03.0

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2038

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	50.9	2814.	55.24	251.	4.93
I&M	13771.7	1350488.	98.06	1185772.	86.10
APCO	10706.6	1028688.	96.08	636317.	59.43
KPCO	2889.6	213684.	73.95	47706.	16.51
AEP	27418.9	2595674.	94.67	1870047.	68.20

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH

	GWH	\$000	\$/MWH	\$000	4A Output.txt \$/MWH
OPCO+CSP	20737.9	2139655.	103.18	624426.	30.11
I&M	0.0	0.	0.00	0.	0.00
APCO	28.9	3358.	116.20	359.	12.41
KPCO	237.1	31973.	134.87	5055.	21.32
AEP	21003.8	2174986.	103.55	629840.	29.99

02/07/13 15:29:32 V04.0 R03.0  
NewEnergy Associates  
Strategist Page 61

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2039

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY GWH	BILLING \$000	BILLING RATE \$/MWH	SAVINGS \$000	SAVINGS RATE \$/MWH
OPCO+CSP	68.0	4103.	60.34	323.	4.76
I&M	13224.7	1344082.	101.63	1251740.	94.65
APCO	11137.9	1102953.	99.03	784618.	70.45
KPCO	2672.9	198713.	74.34	36601.	13.69
AEP	27103.4	2649852.	97.77	2073282.	76.50

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY GWH	BILLING \$000	BILLING RATE \$/MWH	SAVINGS \$000	SAVINGS RATE \$/MWH
OPCO+CSP	20133.5	2134904.	106.04	620735.	30.83
I&M	0.0	0.	0.00	0.	0.00
APCO	38.5	4616.	119.95	611.	15.89
KPCO	251.2	34050.	135.56	5211.	20.75
AEP	20423.2	2173570.	106.43	626558.	30.68

02/07/13 15:29:32 V04.0 R03.0  
NewEnergy Associates  
Strategist Page 62

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2040

\*\*\*\*\* IMPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY GWH	BILLING \$000	BILLING RATE \$/MWH	SAVINGS \$000	SAVINGS RATE \$/MWH
OPCO+CSP	50.5	2869.	56.84	277.	5.48
I&M	14530.4	1492960.	102.75	1554430.	106.98
APCO	12927.8	1330735.	102.94	1091417.	84.42
KPCO	2893.2	225142.	77.82	53424.	18.47
AEP	30401.9	3051706.	100.38	2699547.	88.80

\*\*\*\*\* EXPORT ENERGY \*\*\*\*\*

COMPANY	ENERGY GWH	BILLING \$000	BILLING RATE \$/MWH	SAVINGS \$000	SAVINGS RATE \$/MWH
OPCO+CSP	21952.0	2341676.	106.67	695893.	31.70
I&M	0.0	0.	0.00	0.	0.00
APCO	8.7	1174.	134.95	87.	10.04
KPCO	218.9	32018.	146.26	5800.	26.49
AEP	22179.6	2374868.	107.07	701781.	31.64

02/07/13 15:29:32 V04.0 R03.0  
NewEnergy Associates  
Strategist Page 63

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

		2011	2012	2013	2014	2015	2016	2017
AMOS	1 CAPACITY FACTOR	0.7835	0.7966	0.5895	0.7683	0.6109	0.7731	0.7290
INDEX #	1 CAPACITY	790.00	790.00	790.00	790.00	790.00	790.00	790.00
	AVG HR	9.63	9.63	9.71	9.69	9.74	9.68	9.65
	VAR O&H CST	13918.	14473.	10915.	14514.	11809.	15285.	14676.
	FIXED COST	5010.	7647.	17003.	10252.	22826.	34623.	32932.
	FUEL COST	123798.	141953.	116289.	166769.	137425.	176883.	167380.
	AV VAR CST	25.40	28.30	31.18	34.09	35.30	35.82	36.08
	GENERATION	5422.4	5528.0	4079.4	5317.1	4227.8	5365.0	5045.2
	DUMP ENERGY	2.6	0.0	0.0	0.0	0.0	0.0	0.0

		4A Output.txt								
		FUEL BURN 000	MBTU	52212.	53253.	39598.	51520.	41194.	51925.	48706.
AMOS	2	CAPACITY FACTOR		0.8711	0.6372	0.7610	0.7830	0.7178	0.7971	0.8170
INDEX #	2	CAPACITY	MW	790.00	790.00	790.00	790.00	790.00	790.00	790.00
		AVG HR	MBTU/MWH	9.48	9.49	9.56	9.54	9.58	9.52	9.49
		VAR O&M CST	\$000	15405.	11525.	14034.	14723.	13811.	15683.	16369.
		FIXED COST	\$000	-2954.	12845.	12258.	17304.	25468.	27299.	29688.
		FUEL COST	\$000	138336.	110799.	147958.	167251.	158824.	179334.	184481.
		AV VAR CST	\$/MWH	25.50	27.67	30.76	33.58	34.75	35.26	35.52
		GENERATION	GWH	6028.1	4421.6	5266.4	5418.4	4967.6	5531.0	5653.8
		FUEL BURN 000	MBTU	57149.	41950.	50372.	51669.	47594.	52641.	53680.
AMOS OP	3	CAPACITY FACTOR		0.6970	0.8581	0.6744	0.7883	0.7206	0.7946	0.7341
INDEX #	3	CAPACITY	MW	858.00	858.00	858.00	858.00	858.00	858.00	858.00
		AVG HR	MBTU/MWH	9.69	9.68	9.75	9.75	9.77	9.74	9.72
		VAR O&M CST	\$000	13474.	16957.	13582.	16200.	15141.	17094.	16083.
		FIXED COST	\$000	15816.	12197.	21432.	19567.	26103.	33388.	40702.
		FUEL COST	\$000	122823.	166365.	145195.	186918.	176538.	198722.	184343.
		AV VAR CST	\$/MWH	26.02	28.35	31.33	34.28	35.39	36.04	36.32
		GENERATION	GWH	5238.9	6467.0	5068.6	5924.8	5416.4	5988.9	5517.8
		FUEL BURN 000	MBTU	50774.	62624.	49427.	57745.	52907.	58332.	53641.
BECKJORD	6	CAPACITY FACTOR		0.7288	0.7840	0.6562	0.7813	0.0000	0.0000	0.0000
INDEX #	4	CAPACITY	MW	53.00	53.00	53.00	53.00	53.00	53.00	53.00
		AVG HR	MBTU/MWH	9.69	9.61	9.67	9.62	0.00	0.00	0.00
		VAR O&M CST	\$000	1360.	1493.	1273.	1544.	0.	0.	0.
		FIXED COST	\$000	579.	850.	932.	2892.	0.	0.	0.
		FUEL COST	\$000	9037.	9570.	8329.	10106.	0.	0.	0.
		AV VAR CST	\$/MWH	30.73	30.31	31.52	32.12	0.00	0.00	0.00
		GENERATION	GWH	338.4	365.0	304.6	362.7	0.0	0.0	0.0
		FUEL BURN 000	MBTU	3278.	3507.	2946.	3488.	0.	0.	0.
BIG SAND	1	CAPACITY FACTOR		0.2807	0.1662	0.1393	0.0905	0.0837	0.0000	0.0000
INDEX #	5	CAPACITY	MW	278.00	278.00	278.00	278.00	278.00	278.00	278.00
		AVG HR	MBTU/MWH	9.51	9.52	9.51	9.38	9.41	0.00	0.00
		VAR O&M CST	\$000	1176.	712.	607.	401.	379.	0.	0.
		FIXED COST	\$000	3983.	3713.	4492.	11158.	21921.	0.	0.
		FUEL COST	\$000	18071.	4969.	10501.	6717.	6429.	0.	0.
		AV VAR CST	\$/MWH	28.15	13.99	32.74	32.29	33.39	0.00	0.00
		GENERATION	GWH	683.7	406.0	339.2	220.5	203.9	0.0	0.0
		FUEL BURN 000	MBTU	6503.	3864.	3228.	2068.	1919.	0.	0.
BIG SAND	2	CAPACITY FACTOR		0.5544	0.3293	0.3018	0.1947	0.0697	0.0000	0.0000
INDEX #	6	CAPACITY	MW	800.00	800.00	800.00	800.00	800.00	800.00	800.00
		AVG HR	MBTU/MWH	9.40	9.42	9.42	9.44	9.35	0.00	0.00
		VAR O&M CST	\$000	6160.	4848.	4955.	3188.	708.	0.	0.
		FIXED COST	\$000	0.	0.	16226.	16128.	41104.	0.	0.
		FUEL COST	\$000	101474.	26948.	64787.	41858.	15222.	0.	0.
		AV VAR CST	\$/MWH	27.70	13.74	32.98	33.02	32.61	0.00	0.00
		GENERATION	GWH	3885.4	2314.3	2114.9	1364.3	488.6	0.0	0.0
		FUEL BURN 000	MBTU	36523.	21801.	19914.	12882.	4570.	0.	0.
CARD 1+2	1	CAPACITY FACTOR		0.5368	0.3667	0.8057	0.6849	0.7621	0.7869	0.6934
INDEX #	7	CAPACITY	MW	595.00	595.00	595.00	595.00	595.00	595.00	595.00
		AVG HR	MBTU/MWH	9.28	9.28	9.28	9.28	9.28	9.28	9.28
		VAR O&M CST	\$000	8158.	5700.	12735.	11046.	12559.	13288.	11931.
		FIXED COST	\$000	8767.	4231.	-1079.	6291.	9989.	16484.	23447.
		FUEL COST	\$000	41169.	31985.	72443.	68184.	78073.	84243.	75682.
		AV VAR CST	\$/MWH	17.63	19.66	20.28	22.20	22.82	23.72	24.24
		GENERATION	GWH	2797.7	1916.8	4199.4	3569.7	3972.1	4112.6	3614.1
		FUEL BURN 000	MBTU	25971.	17786.	38990.	33129.	36867.	38160.	33526.
CARD 1+2	2	CAPACITY FACTOR		0.9143	0.8616	0.7701	0.9029	0.8457	0.7682	0.9210
INDEX #	8	CAPACITY	MW	595.00	595.00	595.00	595.00	595.00	595.00	595.00
		AVG HR	MBTU/MWH	9.39	9.39	9.40	9.40	9.40	9.39	9.39
		VAR O&M CST	\$000	13936.	13429.	12210.	14607.	13980.	13011.	15894.
		FIXED COST	\$000	-8579.	-6166.	-4599.	-8817.	-6363.	-2664.	-8019.
		FUEL COST	\$000	78193.	75892.	74268.	92330.	89792.	85145.	104907.
		AV VAR CST	\$/MWH	19.33	19.84	21.54	22.72	23.54	24.45	25.16
		GENERATION	GWH	4765.4	4503.0	4014.1	4705.9	4408.2	4015.0	4800.5
		FUEL BURN 000	MBTU	44765.	42295.	37739.	44226.	41428.	37713.	45075.
CARD 3	3	CAPACITY FACTOR		0.5338	0.7477	0.6750	0.7797	0.8102	0.7233	0.7953
INDEX #	9	CAPACITY	MW	630.00	620.00	620.00	620.00	620.00	620.00	620.00
		AVG HR	MBTU/MWH	10.14	10.34	10.37	10.35	10.36	10.36	10.34
		VAR O&M CST	\$000	8781.	12442.	11432.	13469.	14304.	13085.	14654.
		FIXED COST	\$000	-865.	-7188.	-3529.	-4422.	-6142.	-2264.	-3174.
		FUEL COST	\$000	60928.	81283.	90031.	104199.	114746.	110063.	121827.
		AV VAR CST	\$/MWH	23.66	23.02	27.68	27.79	29.33	31.26	31.60
		GENERATION	GWH	2946.1	4072.0	3665.9	4234.9	4400.5	3939.3	4319.4
		FUEL BURN 000	MBTU	29859.	42108.	38030.	43823.	45580.	40607.	44671.
CLINCH R	1	CAPACITY FACTOR		0.1773	0.3896	0.3043	0.5120	0.0000	0.0000	0.0000
INDEX #	16	CAPACITY	MW	235.00	235.00	235.00	235.00	235.00	235.00	235.00
		AVG HR	MBTU/MWH	9.16	9.22	9.28	8.99	0.00	0.00	0.00
		VAR O&M CST	\$000	1238.	2789.	2220.	3776.	0.	0.	0.
		FIXED COST	\$000	5368.	2502.	2429.	5693.	0.	0.	0.
		FUEL COST	\$000	11264.	31063.	23712.	31535.	0.	0.	0.
		AV VAR CST	\$/MWH	34.26	42.10	41.39	33.50	0.00	0.00	0.00
		GENERATION	GWH	364.9	804.1	626.5	1054.0	0.0	0.0	0.0
		DUMP ENERGY	GWH	0.0	0.0	0.0	1.1	0.0	0.0	0.0
		FUEL BURN 000	MBTU	3342.	7417.	5815.	9476.	0.	0.	0.
CLINCH R	2	CAPACITY FACTOR		0.2932	0.3010	0.2610	0.3968	0.0000	0.0000	0.0000
INDEX #	17	CAPACITY	MW	235.00	235.00	235.00	235.00	235.00	235.00	235.00
		AVG HR	MBTU/MWH	9.52	9.34	9.47	9.13	0.00	0.00	0.00
		VAR O&M CST	\$000	2073.	2163.	1916.	2940.	0.	0.	0.
		FIXED COST	\$000	2451.	6541.	2578.	2427.	0.	0.	0.

		4A Output.txt							
	FUEL COST	\$000	19370.	24100.	20755.	24822.	0.	0.	0.
	AV VAR CST	\$/MWH	35.52	42.27	42.20	33.99	0.00	0.00	0.00
	GENERATION	GWH	603.6	621.4	537.3	816.8	0.0	0.0	0.0
	DUMP ENERGY	GWH	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	FUEL BURN	000 MBTU	5745.	5803.	5090.	7457.	0.	0.	0.
CLINCH R	3	CAPACITY FACTOR	0.0411	0.0432	0.0364	0.0644	0.0000	0.0000	0.0000
INDEX #	18	CAPACITY	MW	235.00	235.00	235.00	235.00	235.00	235.00
		AVG HR	MBTU/MWH	9.40	9.28	9.44	9.13	0.00	0.00
		VAR O&M CST	\$000	289.	310.	267.	477.	0.	0.
		FIXED COST	\$000	4150.	4471.	7911.	3662.	0.	0.
		FUEL COST	\$000	2683.	3384.	2884.	4029.	0.	0.
		AV VAR CST	\$/MWH	35.15	41.38	42.06	33.99	0.00	0.00
		GENERATION	GWH	84.6	89.3	74.9	132.6	0.0	0.0
		FUEL BURN	000 MBTU	795.	828.	707.	1210.	0.	0.
ROCKP_KP	1	CAPACITY FACTOR	0.8024	0.7254	0.5982	0.4574	0.4383	0.0000	0.0000
INDEX #	19	CAPACITY	MW	198.00	198.00	198.00	198.00	198.00	203.40
		AVG HR	MBTU/MWH	9.63	9.63	9.63	9.63	0.00	0.00
		VAR O&M CST	\$000	1656.	2422.	2042.	3090.	0.	0.
		FIXED COST	\$000	0.	2201.	2520.	3370.	4422.	0.
		FUEL COST	\$000	27880.	23594.	25151.	18778.	20258.	0.
		AV VAR CST	\$/MWH	21.22	20.62	26.21	27.51	30.71	0.00
		GENERATION	GWH	1391.7	1261.6	1037.6	793.4	760.2	0.0
		FUEL BURN	000 MBTU	13395.	12143.	9987.	7637.	7317.	0.
ROCKP_KP	2	CAPACITY FACTOR	0.8604	0.6035	0.3924	0.5900	0.1245	0.0000	0.0000
INDEX #	20	CAPACITY	MW	195.00	195.00	195.00	195.00	195.00	195.00
		AVG HR	MBTU/MWH	9.67	9.67	9.67	9.67	0.00	0.00
		VAR O&M CST	\$000	1308.	2451.	1662.	5985.	1334.	0.
		FIXED COST	\$000	0.	2728.	3326.	4118.	1179.	0.
		FUEL COST	\$000	29567.	19413.	16319.	23855.	5693.	0.
		AV VAR CST	\$/MWH	21.01	21.15	26.83	29.61	33.05	0.00
		GENERATION	GWH	1469.7	1033.7	670.3	1007.9	212.6	0.0
		FUEL BURN	000 MBTU	14208.	9992.	6480.	9743.	2055.	0.
CSVL 1-4	3	CAPACITY FACTOR	0.3935	0.4523	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	21	CAPACITY	MW	165.00	165.00	165.00	165.00	165.00	165.00
		AVG HR	MBTU/MWH	10.09	10.19	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	1663.	1959.	0.	0.	0.	0.
		FIXED COST	\$000	-505.	115.	0.	0.	0.	0.
		FUEL COST	\$000	16520.	21652.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	31.97	36.02	0.00	0.00	0.00	0.00
		GENERATION	GWH	568.8	655.5	0.0	0.0	0.0	0.0
		DUMP ENERGY	GWH	4.1	2.3	0.0	0.0	0.0	0.0
		FUEL BURN	000 MBTU	5737.	6677.	0.	0.	0.	0.
CSVL 1-4	4	CAPACITY FACTOR	0.5865	0.4461	0.5431	0.7093	0.6031	0.7328	0.7499
INDEX #	22	CAPACITY	MW	337.00	337.00	337.00	337.00	337.00	337.00
		AVG HR	MBTU/MWH	9.95	9.92	9.93	9.91	9.93	9.89
		VAR O&M CST	\$000	5583.	4340.	5373.	7161.	6224.	7738.
		FIXED COST	\$000	6063.	17379.	11038.	11339.	20414.	21444.
		FUEL COST	\$000	49614.	41893.	55321.	74653.	65876.	81426.
		AV VAR CST	\$/MWH	31.88	35.01	37.85	39.07	40.50	41.10
		GENERATION	GWH	1731.3	1320.6	1603.4	2094.0	1780.3	2169.2
		DUMP ENERGY	GWH	0.1	4.2	0.0	0.0	0.0	0.0
		FUEL BURN	000 MBTU	17220.	13104.	15914.	20755.	17675.	21449.

02/07/13 15:29:32 V04.0 R03.0

NewEnergy Associates  
Strategist Page 64

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

		2011	2012	2013	2014	2015	2016	2017	
CSVL 5+6	5	CAPACITY FACTOR	0.6671	0.6533	0.6862	0.7557	0.5719	0.7752	0.8426
INDEX #	23	CAPACITY	MW	400.00	400.00	400.00	400.00	400.00	400.00
		AVG HR	MBTU/MWH	10.69	10.64	10.66	10.61	10.63	10.52
		VAR O&M CST	\$000	6928.	6932.	7408.	8315.	6433.	8927.
		FIXED COST	\$000	6519.	19856.	9843.	11524.	24243.	27588.
		FUEL COST	\$000	46439.	50678.	64818.	68487.	54300.	74911.
		AV VAR CST	\$/MWH	22.83	25.10	30.04	29.00	30.31	30.78
		GENERATION	GWH	2337.4	2295.5	2404.6	2648.1	2004.0	2723.9
		FUEL BURN	000 MBTU	24979.	24431.	25641.	28093.	21310.	28837.
CSVL 5+6	6	CAPACITY FACTOR	0.6668	0.6953	0.6093	0.7735	0.7375	0.6328	0.8679
INDEX #	24	CAPACITY	MW	400.00	400.00	400.00	400.00	400.00	400.00
		AVG HR	MBTU/MWH	10.40	10.36	10.37	10.32	10.35	10.29
		VAR O&M CST	\$000	6880.	7331.	6534.	8453.	8241.	7237.
		FIXED COST	\$000	4703.	9303.	19603.	12194.	15054.	34508.
		FUEL COST	\$000	45175.	52520.	55990.	68158.	68118.	59442.
		AV VAR CST	\$/MWH	22.28	24.50	29.29	28.27	29.55	29.99
		GENERATION	GWH	2336.5	2443.1	2134.9	2710.2	2584.1	2223.3
		FUEL BURN	000 MBTU	24294.	25322.	22149.	27959.	26736.	22881.
D C COOK	1	CAPACITY FACTOR	0.8307	0.9262	0.8482	0.8510	0.9261	0.8484	0.8511
INDEX #	25	CAPACITY	MW	1084.00	1084.00	1084.00	1084.00	1084.00	1084.00
		AVG HR	MBTU/MWH	10.84	10.84	10.84	10.84	10.84	10.84
		VAR O&M CST	\$000	37008.	42616.	40089.	41428.	46437.	43938.
		FIXED COST	\$000	94385.	101139.	117673.	130558.	139847.	157400.
		FUEL COST	\$000	74736.	82250.	69499.	67080.	70289.	64808.
		AV VAR CST	\$/MWH	14.17	14.16	13.61	13.43	13.27	13.46
		GENERATION	GWH	7888.1	8819.1	8054.4	8081.0	8794.2	8078.7
		DUMP ENERGY	GWH	3.3	0.7	0.0	1.8	0.0	0.0
		FUEL BURN	000 MBTU	85539.	95634.	87342.	87630.	95365.	87606.
D C COOK	2	CAPACITY FACTOR	0.9370	0.8590	0.8511	0.9370	0.8590	0.8595	0.9370

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INDEX #	26	CAPACITY	MW	1107.00	1107.00	1107.00	1107.00	1107.00	1107.00	1107.00
		AVG HR	MBTU/MWH	10.97	10.97	10.97	10.97	10.97	10.97	10.97
		VAR O&M CST	\$000	42630.	40363.	41078.	46583.	43984.	45456.	50902.
		FIXED COST	\$000	88582.	103768.	117025.	125665.	143129.	156669.	166668.
		FUEL COST	\$000	81088.	73436.	71432.	76376.	68093.	67481.	71795.
		AV VAR CST	\$/MWH	13.62	13.62	13.63	13.53	13.46	13.51	13.50
		GENERATION	GWH	9086.6	8352.8	8253.0	9086.6	8329.7	8357.8	9086.6
		DUMP ENERGY	GWH	0.0	0.0	3.0	0.3	3.8	0.0	0.0
		FUEL BURN 000	MBTU	99680.	91630.	90536.	99680.	91377.	91685.	99679.
GAVIN	1	CAPACITY FACTOR		0.8914	0.8372	0.8582	0.7921	0.8469	0.8199	0.8856
INDEX #	27	CAPACITY	MW	1320.00	1320.00	1320.00	1320.00	1320.00	1320.00	1320.00
		AVG HR	MBTU/MWH	9.81	9.81	9.81	9.81	9.82	9.81	9.80
		VAR O&M CST	\$000	16538.	15884.	16566.	15606.	17052.	16910.	18603.
		FIXED COST	\$000	8765.	15440.	14327.	34782.	30442.	54366.	45707.
		FUEL COST	\$000	189542.	206697.	231526.	228919.	258322.	255264.	279810.
		AV VAR CST	\$/MWH	19.99	22.93	25.00	26.70	28.12	28.63	29.14
		GENERATION	GWH	10307.3	9707.7	9923.4	9158.7	9793.4	9507.0	10239.9
		FUEL BURN 000	MBTU	101102.	95202.	97382.	89868.	96132.	93256.	100402.
GAVIN	2	CAPACITY FACTOR		0.8000	0.9072	0.8327	0.8840	0.6838	0.8961	0.8525
INDEX #	28	CAPACITY	MW	1320.00	1320.00	1320.00	1320.00	1320.00	1320.00	1320.00
		AVG HR	MBTU/MWH	9.88	9.82	9.83	9.83	9.83	9.83	9.82
		VAR O&M CST	\$000	14883.	17222.	16085.	17430.	13777.	18492.	17921.
		FIXED COST	\$000	17493.	12326.	12326.	25912.	48672.	41294.	62263.
		FUEL COST	\$000	171205.	224687.	225033.	255960.	208916.	279451.	269859.
		AV VAR CST	\$/MWH	20.12	23.00	25.04	26.75	28.16	28.68	29.19
		GENERATION	GWH	9250.3	10518.3	9629.2	10222.0	7907.2	10389.7	9857.5
		FUEL BURN 000	MBTU	91362.	103338.	94655.	100481.	77747.	102097.	96841.
GLEN LYN	5	CAPACITY FACTOR		0.0141	0.0152	0.0109	0.0099	0.0000	0.0000	0.0000
INDEX #	29	CAPACITY	MW	95.00	95.00	95.00	95.00	95.00	95.00	95.00
		AVG HR	MBTU/MWH	11.89	11.72	11.87	11.51	0.00	0.00	0.00
		VAR O&M CST	\$000	75.	82.	60.	55.	0.	0.	0.
		FIXED COST	\$000	2142.	3198.	2717.	460.	0.	0.	0.
		FUEL COST	\$000	551.	582.	457.	415.	0.	0.	0.
		AV VAR CST	\$/MWH	53.20	52.53	57.20	57.09	0.00	0.00	0.00
		GENERATION	GWH	11.8	12.6	9.0	8.2	0.0	0.0	0.0
		FUEL BURN 000	MBTU	140.	148.	107.	95.	0.	0.	0.
GLEN LYN	6	CAPACITY FACTOR		0.0378	0.0459	0.0252	0.0287	0.0000	0.0000	0.0000
INDEX #	30	CAPACITY	MW	240.00	240.00	240.00	240.00	240.00	240.00	240.00
		AVG HR	MBTU/MWH	8.69	8.58	8.72	8.62	0.00	0.00	0.00
		VAR O&M CST	\$000	450.	557.	312.	363.	0.	0.	0.
		FIXED COST	\$000	2788.	3801.	2538.	196.	0.	0.	0.
		FUEL COST	\$000	2718.	3260.	1963.	2281.	0.	0.	0.
		AV VAR CST	\$/MWH	39.87	39.43	43.02	43.74	0.00	0.00	0.00
		GENERATION	GWH	79.5	96.8	52.9	60.4	0.0	0.0	0.0
		FUEL BURN 000	MBTU	690.	831.	461.	521.	0.	0.	0.
KAMMER	1	CAPACITY FACTOR		0.5409	0.7556	0.6650	0.6090	0.0000	0.0000	0.0000
INDEX #	33	CAPACITY	MW	210.00	210.00	210.00	210.00	210.00	210.00	210.00
		AVG HR	MBTU/MWH	10.19	9.94	10.21	10.14	0.00	0.00	0.00
		VAR O&M CST	\$000	5023.	7107.	6431.	5995.	0.	0.	0.
		FIXED COST	\$000	-2004.	-3673.	-3601.	3046.	0.	0.	0.
		FUEL COST	\$000	28933.	40533.	41056.	38268.	0.	0.	0.
		AV VAR CST	\$/MWH	34.13	34.18	38.81	39.51	0.00	0.00	0.00
		GENERATION	GWH	995.0	1393.9	1223.4	1120.4	0.0	0.0	0.0
		DUMP ENERGY	GWH	4.2	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	MBTU	10135.	13860.	12490.	11364.	0.	0.	0.
KAMMER	2	CAPACITY FACTOR		0.5319	0.6973	0.6585	0.6407	0.0000	0.0000	0.0000
INDEX #	34	CAPACITY	MW	210.00	210.00	210.00	210.00	210.00	210.00	210.00
		AVG HR	MBTU/MWH	10.32	10.08	10.33	10.27	0.00	0.00	0.00
		VAR O&M CST	\$000	4966.	6593.	6399.	6339.	0.	0.	0.
		FIXED COST	\$000	-1752.	-2481.	-3243.	2979.	0.	0.	0.
		FUEL COST	\$000	28817.	38003.	41145.	40755.	0.	0.	0.
		AV VAR CST	\$/MWH	34.52	34.67	39.25	39.96	0.00	0.00	0.00
		GENERATION	GWH	978.6	1286.2	1211.4	1178.6	0.0	0.0	0.0
		DUMP ENERGY	GWH	9.8	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	MBTU	10100.	12960.	12517.	12105.	0.	0.	0.
KAMMER	3	CAPACITY FACTOR		0.3903	0.4828	0.3901	0.4031	0.0000	0.0000	0.0000
INDEX #	35	CAPACITY	MW	210.00	210.00	210.00	210.00	210.00	210.00	210.00
		AVG HR	MBTU/MWH	9.86	9.58	9.86	9.81	0.00	0.00	0.00
		VAR O&M CST	\$000	3577.	4475.	3720.	3915.	0.	0.	0.
		FIXED COST	\$000	-390.	-1249.	2649.	4477.	0.	0.	0.
		FUEL COST	\$000	20906.	25473.	23273.	24499.	0.	0.	0.
		AV VAR CST	\$/MWH	34.10	33.62	37.62	38.32	0.00	0.00	0.00
		GENERATION	GWH	718.1	890.7	717.6	741.6	0.0	0.0	0.0
		DUMP ENERGY	GWH	0.1	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	MBTU	7077.	8536.	7078.	7274.	0.	0.	0.
KANAWHA	1	CAPACITY FACTOR		0.2548	0.5869	0.4936	0.4956	0.0000	0.0000	0.0000
INDEX #	36	CAPACITY	MW	200.00	200.00	200.00	200.00	200.00	200.00	200.00
		AVG HR	MBTU/MWH	9.54	9.47	9.61	9.55	0.00	0.00	0.00
		VAR O&M CST	\$000	1883.	4427.	3800.	3888.	0.	0.	0.
		FIXED COST	\$000	2716.	268.	1609.	5508.	0.	0.	0.
		FUEL COST	\$000	9599.	23160.	28658.	27600.	0.	0.	0.
		AV VAR CST	\$/MWH	25.72	26.75	37.53	36.26	0.00	0.00	0.00
		GENERATION	GWH	446.4	1031.1	864.8	868.4	0.0	0.0	0.0
		DUMP ENERGY	GWH	0.0	0.0	1.1	0.0	0.0	0.0	0.0
		FUEL BURN 000	MBTU	4259.	9759.	8312.	8294.	0.	0.	0.
KANAWHA	2	CAPACITY FACTOR		0.3028	0.6487	0.4840	0.5249	0.0000	0.0000	0.0000
INDEX #	37	CAPACITY	MW	200.00	200.00	200.00	200.00	200.00	200.00	200.00
		AVG HR	MBTU/MWH	9.43	9.32	9.51	9.44	0.00	0.00	0.00
		VAR O&M CST	\$000	2232.	4875.	3716.	4106.	0.	0.	0.



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	FIXED COST	\$000	2358.	-415.	1276.	442.	0.	0.	
	FUEL COST	\$000	11313.	25169.	27801.	28881.	0.	0.	
	AV VAR CST	\$/MWH	25.53	26.36	37.17	35.87	0.00	0.00	
	GENERATION	GWH	530.5	1139.6	847.9	919.6	0.0	0.0	
	DUMP ENERGY	GWH	0.0	0.0	0.0	0.2	0.0	0.0	
	FUEL BURN	000 MBTU	5004.	10620.	8065.	8679.	0.	0.	
MITCHELL	1	CAPACITY FACTOR	0.7165	0.8455	0.7416	0.8413	0.8124	0.7556	0.8475
INDEX #	43	CAPACITY	MW	614.00	614.00	614.00	614.00	614.00	614.00
		AVG HR	MBTU/MWH	10.10	10.08	10.11	10.07	10.06	10.05
		VAR O&M CST	\$000	5676.	6842.	6112.	7066.	6971.	6639.
		FIXED COST	\$000	12366.	11713.	22711.	26382.	35326.	50019.
		FUEL COST	\$000	90145.	121466.	108807.	122430.	120359.	117803.
		AV VAR CST	\$/MWH	24.86	28.14	28.81	28.62	29.14	30.54
		GENERATION	GWH	3854.0	4560.0	3988.8	4524.8	4369.6	4075.0
		FUEL BURN	000 MBTU	38929.	45945.	40339.	45560.	43969.	40946.
MITCHELL	2	CAPACITY FACTOR	0.8089	0.7238	0.8079	0.8451	0.7490	0.8679	0.8561
INDEX #	44	CAPACITY	MW	634.00	634.00	634.00	634.00	634.00	634.00
		AVG HR	MBTU/MWH	9.65	9.63	9.65	9.62	9.61	9.60
		VAR O&M CST	\$000	6519.	5960.	6772.	7221.	6538.	7759.
		FIXED COST	\$000	7632.	16143.	16010.	26032.	43573.	42841.
		FUEL COST	\$000	100452.	102661.	116820.	121291.	109439.	133465.
		AV VAR CST	\$/MWH	23.81	26.95	27.55	27.38	27.88	29.22
		GENERATION	GWH	4492.5	4030.6	4486.8	4693.4	4159.8	4833.1
		FUEL BURN	000 MBTU	43357.	38809.	43309.	45140.	39984.	46390.

02/07/13 15:29:32 V04.0 R03.0

NewEnergy Associates  
Strategist Page 65

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

		2011	2012	2013	2014	2015	2016	2017	
MOUNT_ER	1	CAPACITY FACTOR	0.7808	0.8525	0.8445	0.7936	0.8488	0.6719	0.9082
INDEX #	45	CAPACITY	MW	1314.00	1314.00	1314.00	1314.00	1314.00	1314.00
		AVG HR	MBTU/MWH	9.63	9.59	9.60	9.66	9.60	9.59
		VAR O&M CST	\$000	24084.	26885.	27072.	25951.	28364.	23014.
		FIXED COST	\$000	13535.	29606.	35116.	53294.	45880.	86618.
		FUEL COST	\$000	182217.	228290.	220048.	217765.	240763.	198337.
		AV VAR CST	\$/MWH	22.96	25.93	25.42	26.68	27.55	28.54
		GENERATION	GWH	8987.0	9840.0	9721.1	9134.4	9770.2	7754.8
		DUMP ENERGY	GWH	1.1	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000 MBTU	86584.	94328.	93334.	88258.	93777.	74353.
MUSK RVR	1	CAPACITY FACTOR	0.5143	0.4458	0.3461	0.4203	0.0000	0.0000	0.0000
INDEX #	46	CAPACITY	MW	205.00	205.00	205.00	205.00	205.00	205.00
		AVG HR	MBTU/MWH	10.04	10.04	10.05	10.04	0.00	0.00
		VAR O&M CST	\$000	2104.	1865.	1473.	1825.	0.	0.
		FIXED COST	\$000	-646.	531.	491.	5438.	0.	0.
		FUEL COST	\$000	20385.	24413.	20220.	24768.	0.	0.
		AV VAR CST	\$/MWH	24.35	32.74	34.90	35.23	0.00	0.00
		GENERATION	GWH	923.6	802.7	621.5	754.8	0.0	0.0
		FUEL BURN	000 MBTU	9270.	8061.	6243.	7578.	0.	0.
MUSK RVR	2	CAPACITY FACTOR	0.5146	0.5069	0.4218	0.4647	0.0000	0.0000	0.0000
INDEX #	47	CAPACITY	MW	205.00	205.00	205.00	205.00	205.00	205.00
		AVG HR	MBTU/MWH	10.03	10.04	10.04	10.04	0.00	0.00
		VAR O&M CST	\$000	2105.	2121.	1794.	2017.	0.	0.
		FIXED COST	\$000	-754.	1513.	32.	-1379.	0.	0.
		FUEL COST	\$000	20394.	27791.	24624.	27373.	0.	0.
		AV VAR CST	\$/MWH	24.35	32.77	34.88	35.22	0.00	0.00
		GENERATION	GWH	924.2	912.7	757.4	834.5	0.0	0.0
		FUEL BURN	000 MBTU	9271.	9160.	7604.	8375.	0.	0.
MUSK RVR	3	CAPACITY FACTOR	0.5084	0.4629	0.3923	0.4300	0.0000	0.0000	0.0000
INDEX #	48	CAPACITY	MW	215.00	215.00	215.00	215.00	215.00	215.00
		AVG HR	MBTU/MWH	9.86	9.86	9.85	9.86	0.00	0.00
		VAR O&M CST	\$000	2174.	2024.	1744.	1951.	0.	0.
		FIXED COST	\$000	-702.	224.	385.	10953.	0.	0.
		FUEL COST	\$000	20751.	26115.	23575.	26093.	0.	0.
		AV VAR CST	\$/MWH	23.94	32.19	34.27	34.63	0.00	0.00
		GENERATION	GWH	957.5	874.3	738.9	809.8	0.0	0.0
		FUEL BURN	000 MBTU	9439.	8616.	7280.	7984.	0.	0.
MUSK RVR	4	CAPACITY FACTOR	0.0726	0.0655	0.0557	0.0607	0.0000	0.0000	0.0000
INDEX #	49	CAPACITY	MW	215.00	215.00	215.00	215.00	215.00	215.00
		AVG HR	MBTU/MWH	9.84	9.84	9.83	9.84	0.00	0.00
		VAR O&M CST	\$000	310.	286.	248.	275.	0.	0.
		FIXED COST	\$000	992.	2279.	987.	-74.	0.	0.
		FUEL COST	\$000	2985.	3718.	3342.	3676.	0.	0.
		AV VAR CST	\$/MWH	24.10	32.37	34.21	34.57	0.00	0.00
		GENERATION	GWH	136.7	123.7	104.9	114.3	0.0	0.0
		FUEL BURN	000 MBTU	1345.	1217.	1032.	1125.	0.	0.
MUSK RVR	5	CAPACITY FACTOR	0.6875	0.6060	0.7324	0.7122	0.2871	0.0000	0.0000
INDEX #	50	CAPACITY	MW	600.00	600.00	600.00	600.00	600.00	600.00
		AVG HR	MBTU/MWH	9.61	9.60	9.61	9.61	9.61	0.00
		VAR O&M CST	\$000	18161.	7356.	9041.	8971.	3695.	0.
		FIXED COST	\$000	18686.	24101.	19057.	18096.	25707.	0.
		FUEL COST	\$000	97538.	106036.	148984.	148761.	60564.	0.
		AV VAR CST	\$/MWH	29.25	35.50	41.05	42.14	42.59	0.00
		GENERATION	GWH	3613.3	3194.1	3849.7	3743.5	1508.9	0.0
		DUMP ENERGY	GWH	0.0	0.0	19.6	15.7	0.0	0.0
		FUEL BURN	000 MBTU	34720.	30677.	37008.	35968.	14498.	0.
P SPORN	1	CAPACITY FACTOR	0.3559	0.3597	0.3249	0.2293	0.0000	0.0000	0.0000

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INDEX #	51	CAPACITY	MW	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00
		AVG HR	MBTU/MWH	9.82	9.73	9.85	9.72	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	1805.	1860.	1715.	1231.	0.	0.	0.	0.
		FIXED COST	\$000	-683.	-387.	-416.	1110.	0.	0.	0.	0.
		FUEL COST	\$000	13033.	15265.	14966.	10570.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	31.73	36.14	39.08	39.17	0.00	0.00	0.00	0.00
		GENERATION	GWH	467.6	473.9	426.9	301.2	0.0	0.0	0.0	0.0
		FUEL BURN	000 MBTU	4591.	4611.	4207.	2929.	0.	0.	0.	0.
P SPORN	2	CAPACITY FACTOR		0.3506	0.4601	0.2309	0.3266	0.0000	0.0000	0.0000	0.0000
INDEX #	52	CAPACITY	MW	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00
		AVG HR	MBTU/MWH	9.11	9.10	9.11	9.11	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	2019.	2709.	1383.	1996.	0.	0.	0.	0.
		FIXED COST	\$000	5230.	6071.	7969.	9694.	0.	0.	0.	0.
		FUEL COST	\$000	11933.	18246.	9838.	14106.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	30.29	34.57	36.98	37.52	0.00	0.00	0.00	0.00
		GENERATION	GWH	460.7	606.2	303.4	429.2	0.0	0.0	0.0	0.0
		FUEL BURN	000 MBTU	4196.	5519.	2764.	3909.	0.	0.	0.	0.
P SPORN	3	CAPACITY FACTOR		0.0526	0.0594	0.0452	0.0406	0.0000	0.0000	0.0000	0.0000
INDEX #	53	CAPACITY	MW	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00
		AVG HR	MBTU/MWH	9.63	9.60	9.81	9.71	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	265.	306.	239.	218.	0.	0.	0.	0.
		FIXED COST	\$000	3439.	789.	1049.	3490.	0.	0.	0.	0.
		FUEL COST	\$000	1889.	2516.	2075.	1867.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	31.16	36.04	38.90	39.11	0.00	0.00	0.00	0.00
		GENERATION	GWH	69.1	78.3	59.5	53.3	0.0	0.0	0.0	0.0
		FUEL BURN	000 MBTU	665.	752.	583.	517.	0.	0.	0.	0.
P SPORN	4	CAPACITY FACTOR		0.0493	0.0598	0.0355	0.0419	0.0000	0.0000	0.0000	0.0000
INDEX #	54	CAPACITY	MW	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00
		AVG HR	MBTU/MWH	9.43	9.49	9.50	9.50	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	286.	356.	215.	258.	0.	0.	0.	0.
		FIXED COST	\$000	6773.	7579.	7369.	9415.	0.	0.	0.	0.
		FUEL COST	\$000	1734.	2501.	1576.	1885.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	31.21	36.25	38.40	38.96	0.00	0.00	0.00	0.00
		GENERATION	GWH	64.7	78.8	46.6	55.0	0.0	0.0	0.0	0.0
		FUEL BURN	000 MBTU	610.	748.	443.	522.	0.	0.	0.	0.
P SPORN	5	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	55	CAPACITY	MW	450.00	450.00	450.00	450.00	450.00	450.00	450.00	450.00
		AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
PICWAY	5	CAPACITY FACTOR		0.0145	0.0237	0.0134	0.0203	0.0000	0.0000	0.0000	0.0000
INDEX #	56	CAPACITY	MW	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
		AVG HR	MBTU/MWH	11.04	11.03	11.04	11.03	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	99.	165.	95.	147.	0.	0.	0.	0.
		FIXED COST	\$000	2127.	1772.	2521.	1450.	0.	0.	0.	0.
		FUEL COST	\$000	423.	686.	415.	625.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	41.01	40.96	43.52	43.45	0.00	0.00	0.00	0.00
		GENERATION	GWH	12.7	20.8	11.7	17.7	0.0	0.0	0.0	0.0
		FUEL BURN	000 MBTU	141.	229.	129.	196.	0.	0.	0.	0.
RPRUN IM	1	CAPACITY FACTOR		0.4391	0.6980	0.4919	0.6133	0.6597	0.0000	0.0000	0.0000
INDEX #	58	CAPACITY	MW	1105.00	1105.00	1105.00	1105.00	1105.00	1105.00	1105.00	1105.00
		AVG HR	MBTU/MWH	9.70	9.68	9.71	9.69	9.69	0.00	0.00	0.00
		VAR O&M CST	\$000	6646.	10797.	7746.	9853.	10826.	0.	0.	0.
		FIXED COST	\$000	25686.	16407.	21159.	19977.	37160.	0.	0.	0.
		FUEL COST	\$000	85648.	127416.	116429.	141469.	171196.	0.	0.	0.
		AV VAR CST	\$/MWH	21.72	20.40	26.08	25.49	28.50	0.00	0.00	0.00
		GENERATION	GWH	4250.0	6775.2	4761.5	5937.0	6385.6	0.0	0.0	0.0
		DUMP ENERGY	GWH	0.0	0.0	0.0	0.0	6.2	0.0	0.0	0.0
		FUEL BURN	000 MBTU	41245.	65611.	46225.	57547.	61862.	0.	0.	0.
ROCKP IM	2	CAPACITY FACTOR		0.7457	0.6452	0.7480	0.6704	0.2061	0.0000	0.0000	0.0000
INDEX #	59	CAPACITY	MW	1105.00	1105.00	1105.00	1105.00	1105.00	1105.00	1105.00	1105.00
		AVG HR	MBTU/MWH	9.71	9.69	9.73	9.70	9.71	0.00	0.00	0.00
		VAR O&M CST	\$000	9156.	8091.	9564.	8739.	2745.	0.	0.	0.
		FIXED COST	\$000	4695.	17642.	9555.	19368.	3270.	0.	0.	0.
		FUEL COST	\$000	145729.	116692.	177382.	154144.	53624.	0.	0.	0.
		AV VAR CST	\$/MWH	21.46	19.93	25.82	25.10	28.26	0.00	0.00	0.00
		GENERATION	GWH	7218.1	6262.5	7240.6	6489.1	1994.7	0.0	0.0	0.0
		DUMP ENERGY	GWH	2.3	0.9	6.5	2.2	0.3	0.0	0.0	0.0
		FUEL BURN	000 MBTU	70107.	60657.	70453.	62971.	19359.	0.	0.	0.
STUART	1	CAPACITY FACTOR		0.8281	0.7879	0.7608	0.8234	0.7683	0.7142	0.8726	0.8726
INDEX #	61	CAPACITY	MW	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00
		AVG HR	MBTU/MWH	9.55	9.53	9.55	9.54	9.54	9.52	9.50	9.50
		VAR O&M CST	\$000	2774.	2698.	2650.	2926.	2790.	2656.	3305.	3305.
		FIXED COST	\$000	5516.	5956.	7263.	9038.	9865.	11460.	11828.	11828.
		FUEL COST	\$000	27857.	27394.	28040.	30416.	28393.	26568.	32411.	32411.
		AV VAR CST	\$/MWH	28.15	28.99	30.70	30.82	30.89	31.06	31.15	31.15
		GENERATION	GWH	1088.2	1038.2	999.7	1081.9	1009.5	941.0	1146.6	1146.6
		FUEL BURN	000 MBTU	10391.	9894.	9547.	10321.	9634.	8954.	10888.	10888.
STUART	2	CAPACITY FACTOR		0.7026	0.7883	0.8174	0.7748	0.7813	0.8662	0.8300	0.8300
INDEX #	62	CAPACITY	MW	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00
		AVG HR	MBTU/MWH	9.71	9.69	9.71	9.70	9.69	9.64	9.61	9.61
		VAR O&M CST	\$000	2363.	2709.	2858.	2764.	2847.	3231.	3152.	3152.
		FIXED COST	\$000	5944.	5919.	7062.	9201.	9846.	10974.	11956.	11956.
		FUEL COST	\$000	24060.	27885.	30635.	29096.	29304.	32642.	31211.	31211.
		AV VAR CST	\$/MWH	28.62	29.45	31.18	31.29	31.32	31.43	31.51	31.51

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GENERATION	GW	923.3	1038.7	1074.0	1018.1	1026.6	1141.3	1090.6
FUEL BURN 000	MBTU	8962.	10063.	10431.	9873.	9944.	11003.	10484.

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NewEnergy Associates  
Strategist Page 66

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

		2011	2012	2013	2014	2015	2016	2017	
STUART	3	CAPACITY FACTOR	0.6965	0.7828	0.8053	0.7726	0.7630	0.8379	0.8060
INDEX #	63	CAPACITY	150.00	150.00	150.00	150.00	150.00	150.00	150.00
		AVG HR	9.56	9.55	9.57	9.55	9.56	9.55	9.53
		VAR O&M CST \$000	2334.	2681.	2806.	2747.	2772.	3118.	3056.
		FIXED COST \$000	5962.	5979.	7111.	9231.	9875.	11011.	12028.
		FUEL COST \$000	23489.	27299.	29730.	28587.	28246.	31266.	30055.
		AV VAR CST \$/MWH	28.22	29.07	30.75	30.86	30.94	31.14	31.26
		GENERATION GW	915.2	1031.5	1058.1	1015.2	1002.5	1104.0	1059.1
		FUEL BURN 000 MBTU	8750.	9852.	10123.	9700.	9585.	10538.	10096.
STUART	4	CAPACITY FACTOR	0.7735	0.7835	0.8072	0.6912	0.7651	0.8405	0.8142
INDEX #	64	CAPACITY	150.00	150.00	150.00	150.00	150.00	150.00	150.00
		AVG HR	9.73	9.71	9.74	9.72	9.73	9.70	9.67
		VAR O&M CST \$000	2602.	2694.	2824.	2467.	2790.	3139.	3097.
		FIXED COST \$000	5690.	5960.	7094.	9487.	9867.	10999.	12020.
		FUEL COST \$000	26546.	27780.	30327.	26015.	28814.	31866.	30798.
		AV VAR CST \$/MWH	28.68	29.52	31.26	31.36	31.44	31.61	31.68
		GENERATION GW	1016.4	1032.4	1060.6	908.2	1005.3	1107.4	1069.8
		FUEL BURN 000 MBTU	9890.	10026.	10326.	8828.	9777.	10741.	10345.
AMOS AP	3	CAPACITY FACTOR	0.6981	0.8336	0.6617	0.7622	0.6886	0.7587	0.6944
INDEX #	65	CAPACITY	429.00	429.00	429.00	429.00	429.00	429.00	429.00
		AVG HR	9.69	9.70	9.77	9.77	9.80	9.77	9.76
		VAR O&M CST \$000	6747.	8241.	6666.	7837.	7242.	8168.	7616.
		FIXED COST \$000	37159.	43716.	53622.	46278.	57363.	67579.	68324.
		FUEL COST \$000	61454.	80974.	71338.	90577.	84645.	95188.	87543.
		AV VAR CST \$/MWH	26.00	26.40	31.37	34.36	35.51	36.15	36.46
		GENERATION GW	2623.4	3141.3	2486.6	2864.3	2587.9	2858.9	2609.7
		DUMP ENERGY GW	0.0	0.0	0.0	0.0	0.3	0.2	0.1
		FUEL BURN 000 MBTU	25419.	30477.	24285.	27982.	25367.	27941.	25473.
TANN 1-3	1	CAPACITY FACTOR	0.0404	0.0439	0.0297	0.0357	0.0000	0.0000	0.0000
INDEX #	66	CAPACITY	145.00	145.00	145.00	145.00	145.00	145.00	145.00
		AVG HR	10.08	10.15	10.15	10.15	0.00	0.00	0.00
		VAR O&M CST \$000	291.	324.	223.	274.	0.	0.	0.
		FIXED COST \$000	1621.	1653.	1907.	-229.	0.	0.	0.
		FUEL COST \$000	1191.	1652.	1236.	1786.	0.	0.	0.
		AV VAR CST \$/MWH	28.85	35.32	38.70	45.41	0.00	0.00	0.00
		GENERATION GW	51.4	55.9	37.7	45.3	0.0	0.0	0.0
		FUEL BURN 000 MBTU	518.	568.	383.	460.	0.	0.	0.
TANN 1-3	2	CAPACITY FACTOR	0.0426	0.0461	0.0309	0.0374	0.0000	0.0000	0.0000
INDEX #	67	CAPACITY	145.00	145.00	145.00	145.00	145.00	145.00	145.00
		AVG HR	10.16	10.23	10.23	10.23	0.00	0.00	0.00
		VAR O&M CST \$000	308.	341.	233.	287.	0.	0.	0.
		FIXED COST \$000	1619.	1740.	2023.	1575.	0.	0.	0.
		FUEL COST \$000	1264.	1746.	1298.	1883.	0.	0.	0.
		AV VAR CST \$/MWH	29.03	35.57	38.97	45.74	0.00	0.00	0.00
		GENERATION GW	54.1	58.7	39.3	47.5	0.0	0.0	0.0
		FUEL BURN 000 MBTU	550.	600.	402.	485.	0.	0.	0.
TANN 1-3	3	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	68	CAPACITY	205.00	205.00	205.00	205.00	205.00	205.00	205.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.
		FIXED COST \$000	5251.	-2032.	-804.	9389.	0.	0.	0.
		FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION GW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000 MBTU	0.	0.	0.	0.	0.	0.	0.
TANN 4	4	CAPACITY FACTOR	0.3240	0.4271	0.2512	0.0000	0.0000	0.0000	0.0000
INDEX #	69	CAPACITY	500.00	500.00	500.00	500.00	500.00	500.00	500.00
		AVG HR	9.75	9.74	9.77	0.00	0.00	0.00	0.00
		VAR O&M CST \$000	8621.	11618.	6960.	0.	0.	0.	0.
		FIXED COST \$000	-1827.	2827.	15698.	0.	0.	0.	0.
		FUEL COST \$000	22799.	39326.	32451.	0.	0.	0.	0.
		AV VAR CST \$/MWH	22.14	27.16	35.82	0.00	0.00	0.00	0.00
		GENERATION GW	1419.0	1876.0	1100.3	0.0	0.0	0.0	0.0
		FUEL BURN 000 MBTU	13841.	18280.	10750.	0.	0.	0.	0.
ZIMMER	1	CAPACITY FACTOR	0.8085	0.6582	0.7983	0.8172	0.7220	0.8876	0.9075
INDEX #	70	CAPACITY	330.00	330.00	330.00	330.00	330.00	330.00	330.00
		AVG HR	9.78	9.77	9.79	9.77	9.73	9.71	9.69
		VAR O&M CST \$000	7030.	5849.	7222.	7540.	6797.	8555.	8907.
		FIXED COST \$000	6217.	19337.	8278.	9666.	18647.	20674.	27678.
		FUEL COST \$000	53759.	47404.	59594.	61343.	52362.	65885.	68331.
		AV VAR CST \$/MWH	26.01	27.91	28.95	29.16	28.34	28.93	29.44
		GENERATION GW	2337.3	1907.8	2307.7	2362.3	2087.2	2573.0	2623.3
		FUEL BURN 000 MBTU	22862.	18641.	22596.	23084.	20316.	24983.	25430.
CEREDO	1	CAPACITY FACTOR	0.3994	0.4818	0.4159	0.2047	0.4143	0.5416	0.3736
INDEX #	75	CAPACITY	86.00	86.00	86.00	86.00	86.00	86.00	86.00
		AVG HR	11.73	11.73	11.73	11.73	11.73	11.73	11.73
		VAR O&M CST \$000	1559.	1923.	1687.	847.	1752.	2348.	1651.
		FIXED COST \$000	-1235.	-1004.	-1146.	118.	999.	1055.	994.
		FUEL COST \$000	16446.	20927.	19938.	10101.	21844.	30269.	21578.

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	AV VAR CST	\$/MWH	59.84	62.78	69.02	70.98	75.60	79.72	82.53
	GENERATION	GWH	300.9	364.0	313.3	154.2	312.1	409.2	281.4
	FUEL BURN	000 MBTU	3529.	4269.	3675.	1809.	3661.	4800.	3301.
CEREDO	2	CAPACITY FACTOR	0.3408	0.4069	0.3796	0.1522	0.3755	0.5079	0.3199
INDEX #	76	CAPACITY	86.00	86.00	86.00	86.00	86.00	86.00	86.00
	AVG HR	MBTU/MWH	11.74	11.74	11.74	11.73	11.74	11.74	11.74
	VAR O&M CST	\$000	1330.	1624.	1540.	630.	1588.	2201.	1413.
	FIXED COST	\$000	-1011.	-697.	-1004.	140.	287.	334.	278.
	FUEL COST	\$000	14011.	17627.	18223.	7678.	19888.	28393.	18601.
	AV VAR CST	\$/MWH	59.75	62.62	69.11	72.46	75.91	79.74	83.06
	GENERATION	GWH	256.7	307.4	285.9	114.7	282.9	383.7	241.0
	FUEL BURN	000 MBTU	3014.	3609.	3357.	1345.	3322.	4505.	2829.
CEREDO	3	CAPACITY FACTOR	0.3123	0.3359	0.3241	0.1171	0.3181	0.4246	0.2394
INDEX #	77	CAPACITY	86.00	86.00	86.00	86.00	86.00	86.00	86.00
	AVG HR	MBTU/MWH	11.80	11.80	11.80	11.80	11.80	11.81	11.80
	VAR O&M CST	\$000	1219.	1341.	1315.	485.	1345.	1840.	1058.
	FIXED COST	\$000	-911.	-412.	-788.	220.	350.	391.	349.
	FUEL COST	\$000	12959.	14668.	15627.	5915.	16976.	23789.	14003.
	AV VAR CST	\$/MWH	60.25	63.09	69.39	72.53	76.45	79.91	83.51
	GENERATION	GWH	235.3	253.7	244.1	88.2	239.7	320.7	180.3
	FUEL BURN	000 MBTU	2777.	2995.	2882.	1041.	2829.	3786.	2128.
CEREDO	4	CAPACITY FACTOR	0.4220	0.5108	0.4399	0.2559	0.3191	0.5335	0.4411
INDEX #	78	CAPACITY	86.00	86.00	86.00	86.00	86.00	86.00	86.00
	AVG HR	MBTU/MWH	11.72	11.72	11.72	11.71	11.72	11.72	11.72
	VAR O&M CST	\$000	1647.	2039.	1785.	1059.	1349.	2312.	1949.
	FIXED COST	\$000	-1330.	-1410.	-927.	9.	283.	279.	206.
	FUEL COST	\$000	17295.	22114.	21032.	12736.	16489.	29735.	23558.
	AV VAR CST	\$/MWH	59.58	62.59	68.85	71.57	74.20	79.52	82.17
	GENERATION	GWH	317.9	385.9	331.4	192.8	240.4	403.0	332.3
	DUMP ENERGY	GWH	0.0	0.0	0.0	0.0	0.3	0.0	0.0
	FUEL BURN	000 MBTU	3725.	4522.	3884.	2258.	2817.	4723.	3894.
CEREDO	5	CAPACITY FACTOR	0.3237	0.3870	0.3594	0.1555	0.3491	0.4595	0.2825
INDEX #	79	CAPACITY	86.00	86.00	86.00	86.00	86.00	86.00	86.00
	AVG HR	MBTU/MWH	11.80	11.80	11.80	11.80	11.80	11.80	11.80
	VAR O&M CST	\$000	1263.	1545.	1458.	644.	1476.	1992.	1248.
	FIXED COST	\$000	-951.	-937.	-616.	145.	363.	369.	316.
	FUEL COST	\$000	13405.	16863.	17292.	7823.	18680.	25800.	16518.
	AV VAR CST	\$/MWH	60.15	62.96	69.26	72.27	76.63	80.06	83.48
	GENERATION	GWH	243.8	292.4	270.7	117.2	263.0	347.1	212.8
	FUEL BURN	000 MBTU	2878.	3451.	3196.	1382.	3105.	4098.	2512.
CEREDO	6	CAPACITY FACTOR	0.2994	0.2750	0.2774	0.0998	0.2759	0.3857	0.2043
INDEX #	80	CAPACITY	86.00	86.00	86.00	86.00	86.00	86.00	86.00
	AVG HR	MBTU/MWH	11.93	11.94	11.94	11.93	11.94	11.94	11.93
	VAR O&M CST	\$000	1169.	1097.	1125.	413.	1167.	1672.	903.
	FIXED COST	\$000	-865.	-479.	-294.	257.	385.	416.	375.
	FUEL COST	\$000	12585.	12132.	13471.	5095.	14939.	21765.	12049.
	AV VAR CST	\$/MWH	60.97	63.69	69.85	73.23	77.49	80.44	84.15
	GENERATION	GWH	225.6	207.7	209.0	75.2	207.8	291.4	153.9
	DUMP ENERGY	GWH	0.0	0.0	0.0	0.0	0.0	2.0	0.0
	FUEL BURN	000 MBTU	2692.	2479.	2495.	897.	2481.	3478.	1837.
DARBY	1	CAPACITY FACTOR	0.1376	0.1811	0.1335	0.1416	0.1174	0.1520	0.1351
INDEX #	81	CAPACITY	85.00	85.00	85.00	85.00	85.00	85.00	85.00
	AVG HR	MBTU/MWH	11.76	11.76	11.76	11.76	11.77	11.76	11.76
	VAR O&M CST	\$000	548.	737.	552.	597.	506.	672.	608.
	FIXED COST	\$000	10.	232.	117.	120.	206.	401.	414.
	FUEL COST	\$000	5381.	7596.	6062.	6952.	5863.	8302.	7518.
	AV VAR CST	\$/MWH	57.85	61.64	66.52	71.60	72.85	79.08	80.80
	GENERATION	GWH	102.5	135.2	99.4	105.4	87.4	113.5	100.6
	FUEL BURN	000 MBTU	1206.	1590.	1170.	1240.	1029.	1335.	1183.
DARBY	2	CAPACITY FACTOR	0.1284	0.1703	0.1258	0.1334	0.1068	0.1424	0.1261
INDEX #	82	CAPACITY	85.00	85.00	85.00	85.00	85.00	85.00	85.00
	AVG HR	MBTU/MWH	11.76	11.76	11.76	11.76	11.76	11.76	11.76
	VAR O&M CST	\$000	511.	693.	520.	563.	460.	629.	568.
	FIXED COST	\$000	36.	247.	135.	139.	210.	419.	436.
	FUEL COST	\$000	5017.	7137.	5708.	6546.	5391.	7775.	7014.
	AV VAR CST	\$/MWH	57.82	61.60	66.49	71.58	73.60	79.05	80.76
	GENERATION	GWH	95.6	127.1	93.7	99.3	79.5	106.3	93.9
	FUEL BURN	000 MBTU	1125.	1495.	1102.	1168.	935.	1251.	1104.

02/07/13 15:29:33 V04.0 R03.0

NewEnergy Associates  
Strategist Page 67

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

		2011	2012	2013	2014	2015	2016	2017	
DARBY	3	CAPACITY FACTOR	0.1203	0.1625	0.1185	0.1255	0.1002	0.1336	0.1179
INDEX #	83	CAPACITY	85.00	85.00	85.00	85.00	85.00	85.00	85.00
	AVG HR	MBTU/MWH	11.76	11.76	11.77	11.76	11.76	11.76	11.76
	VAR O&M CST	\$000	479.	661.	490.	529.	432.	590.	531.
	FIXED COST	\$000	59.	260.	153.	157.	232.	435.	456.
	FUEL COST	\$000	4698.	6805.	5376.	6156.	5047.	7291.	6554.
	AV VAR CST	\$/MWH	57.80	61.55	66.46	71.56	73.43	79.02	80.73
	GENERATION	GWH	89.6	121.3	88.3	93.4	74.6	99.7	87.8
	FUEL BURN	000 MBTU	1054.	1427.	1038.	1099.	878.	1173.	1032.
DARBY	4	CAPACITY FACTOR	0.1119	0.1529	0.1112	0.1063	0.1109	0.1252	0.1098
INDEX #	84	CAPACITY	85.00	85.00	85.00	85.00	85.00	85.00	85.00
	AVG HR	MBTU/MWH	11.77	11.76	11.77	11.77	11.76	11.76	11.77
	VAR O&M CST	\$000	445.	622.	460.	449.	478.	553.	495.

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		FIXED COST	\$000	82.	273.	169.	195.	223.	450.	475.
		FUEL COST	\$000	4370.	6401.	5042.	5182.	5573.	6830.	6105.
		AV VAR CST	\$/MWH	57.77	61.50	66.44	71.10	73.30	79.00	80.70
		GENERATION	GW	83.3	114.2	82.8	79.2	82.5	93.5	81.8
		FUEL BURN	000 MBTU	981.	1343.	974.	932.	971.	1100.	962.
DARBY	5	CAPACITY FACTOR		0.1045	0.1442	0.1045	0.0964	0.1032	0.1172	0.1025
INDEX #	85	CAPACITY	MW	85.00	85.00	85.00	85.00	85.00	85.00	85.00
		AVG HR	MBTU/MWH	11.77	11.77	11.77	11.76	11.77	11.76	11.77
		VAR O&M CST	\$000	416.	587.	432.	407.	445.	518.	462.
		FIXED COST	\$000	102.	284.	184.	205.	240.	465.	492.
		FUEL COST	\$000	4078.	6034.	4735.	4747.	5188.	6391.	5695.
		AV VAR CST	\$/MWH	57.76	61.48	66.41	71.83	73.28	78.97	80.67
		GENERATION	GW	77.8	107.7	77.8	71.7	76.9	87.5	76.3
		FUEL BURN	000 MBTU	915.	1267.	915.	844.	904.	1029.	898.
DARBY	6	CAPACITY FACTOR		0.0973	0.1379	0.0981	0.0900	0.0962	0.1096	0.0958
INDEX #	86	CAPACITY	MW	85.00	85.00	85.00	85.00	85.00	85.00	85.00
		AVG HR	MBTU/MWH	11.77	11.77	11.77	11.76	11.77	11.76	11.77
		VAR O&M CST	\$000	387.	561.	406.	380.	415.	484.	431.
		FIXED COST	\$000	122.	295.	199.	219.	255.	478.	507.
		FUEL COST	\$000	3796.	5765.	4422.	4422.	4832.	5978.	5320.
		AV VAR CST	\$/MWH	57.73	61.44	66.39	71.66	73.26	78.95	80.65
		GENERATION	GW	72.5	102.9	73.0	67.0	71.6	81.9	71.3
		FUEL BURN	000 MBTU	852.	1211.	859.	788.	843.	963.	839.
LWBG WIN	1	CAPACITY FACTOR		0.2210	0.2669	0.2216	0.2355	0.2402	0.2896	0.2877
INDEX #	87	CAPACITY	MW	593.00	593.00	593.00	593.00	593.00	593.00	593.00
		AVG HR	MBTU/MWH	7.09	7.10	7.09	7.10	7.10	7.09	7.09
		VAR O&M CST	\$000	4390.	5423.	4576.	4960.	5171.	6390.	6470.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	37104.	48129.	43264.	49705.	51878.	67681.	68555.
		AV VAR CST	\$/MWH	36.15	38.51	41.56	44.69	45.71	49.09	50.20
		GENERATION	GW	1147.8	1390.5	1151.2	1223.1	1247.9	1508.7	1494.6
		FUEL BURN	000 MBTU	8144.	9866.	8166.	8681.	8855.	10704.	10600.
LWBG WIN	2	CAPACITY FACTOR		0.2816	0.3223	0.2733	0.2906	0.3009	0.3590	0.3717
INDEX #	88	CAPACITY	MW	593.00	593.00	593.00	593.00	593.00	593.00	593.00
		AVG HR	MBTU/MWH	7.08	7.08	7.08	7.08	7.08	7.08	7.07
		VAR O&M CST	\$000	5401.	6321.	5448.	5910.	6253.	7646.	8070.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	47213.	58172.	53319.	61267.	64809.	83786.	88448.
		AV VAR CST	\$/MWH	35.97	38.41	41.39	44.49	45.46	48.89	49.98
		GENERATION	GW	1462.9	1678.9	1419.8	1509.8	1563.2	1870.0	1931.1
		FUEL BURN	000 MBTU	10352.	11889.	10049.	10690.	11065.	13239.	13661.
LWBG SMR	1	CAPACITY FACTOR		0.1067	0.1245	0.1081	0.1040	0.1150	0.1282	0.1304
INDEX #	89	CAPACITY	MW	593.00	593.00	593.00	593.00	593.00	593.00	593.00
		AVG HR	MBTU/MWH	7.09	7.09	7.08	7.09	7.09	7.09	7.09
		VAR O&M CST	\$000	2121.	2529.	2233.	2191.	2476.	2827.	2932.
		FIXED COST	\$000	-641.	-637.	-608.	-706.	-720.	-657.	-631.
		FUEL COST	\$000	17231.	21486.	20240.	21116.	23793.	28804.	29907.
		AV VAR CST	\$/MWH	34.90	37.04	40.01	43.13	43.97	47.38	48.49
		GENERATION	GW	554.5	648.4	561.7	540.4	597.5	667.5	677.3
		FUEL BURN	000 MBTU	3929.	4596.	3976.	3829.	4235.	4733.	4801.
LWBG SMR	2	CAPACITY FACTOR		0.1177	0.1371	0.1185	0.1149	0.1277	0.1427	0.1469
INDEX #	90	CAPACITY	MW	593.00	593.00	593.00	593.00	593.00	593.00	593.00
		AVG HR	MBTU/MWH	7.08	7.08	7.07	7.08	7.08	7.08	7.08
		VAR O&M CST	\$000	2258.	2688.	2362.	2336.	2654.	3038.	3189.
		FIXED COST	\$000	-823.	-867.	-782.	-865.	-928.	-859.	-1043.
		FUEL COST	\$000	18984.	23627.	22154.	23297.	26391.	32028.	33655.
		AV VAR CST	\$/MWH	34.73	36.86	39.83	42.95	43.78	47.19	48.28
		GENERATION	GW	611.6	713.9	615.5	596.8	663.4	743.1	763.1
		FUEL BURN	000 MBTU	4329.	5055.	4353.	4225.	4698.	5263.	5403.
WATR CC	1	CAPACITY FACTOR		0.1415	0.1917	0.1510	0.1649	0.1733	0.2000	0.1862
INDEX #	91	CAPACITY	MW	840.00	840.00	840.00	840.00	840.00	840.00	840.00
		AVG HR	MBTU/MWH	7.32	7.31	7.31	7.32	7.31	7.31	7.31
		VAR O&M CST	\$000	3803.	5267.	4218.	4697.	5045.	5966.	5662.
		FIXED COST	\$000	-547.	-1438.	-2284.	-2315.	3763.	1494.	-1824.
		FUEL COST	\$000	34847.	50483.	43133.	50829.	54953.	68619.	65189.
		AV VAR CST	\$/MWH	37.11	39.41	42.60	45.77	47.04	50.55	51.72
		GENERATION	GW	1041.6	1414.7	1111.4	1213.2	1275.4	1475.4	1370.0
		FUEL BURN	000 MBTU	7620.	10342.	8123.	8875.	9328.	10785.	10016.
WATR2	1	CAPACITY FACTOR		0.0912	0.1099	0.0892	0.0880	0.0986	0.1112	0.1109
INDEX #	92	CAPACITY	MW	840.00	840.00	840.00	840.00	840.00	840.00	840.00
		AVG HR	MBTU/MWH	7.29	7.28	7.28	7.29	7.29	7.29	7.29
		VAR O&M CST	\$000	2451.	3020.	2492.	2508.	2871.	3316.	3374.
		FIXED COST	\$000	211.	-1724.	-1776.	-1734.	4115.	1596.	-1519.
		FUEL COST	\$000	21426.	27616.	24335.	26027.	29921.	36616.	37286.
		AV VAR CST	\$/MWH	35.57	37.77	40.86	44.05	45.19	48.69	49.81
		GENERATION	GW	671.3	811.2	656.6	647.8	725.7	820.2	816.3
		FUEL BURN	000 MBTU	4891.	5907.	4779.	4719.	5288.	5977.	5949.
DRESDEN	1	CAPACITY FACTOR		0.0000	0.0000	0.2702	0.3181	0.4090	0.3990	0.4245
INDEX #	93	CAPACITY	MW	625.00	625.00	625.00	625.00	625.00	625.00	625.00
		AVG HR	MBTU/MWH	0.00	0.00	7.26	7.48	7.52	7.47	7.48
		VAR O&M CST	\$000	0.	0.	3998.	4802.	6310.	6310.	6842.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	58732.	79350.	104558.	109611.	118755.
		AV VAR CST	\$/MWH	0.00	0.00	42.41	48.32	49.51	52.91	54.04
		GENERATION	GW	0.0	0.0	1479.2	1741.4	2239.4	2190.6	2324.4
		DUMP ENERGY	GW	0.0	0.0	0.0	0.0	0.8	0.0	0.0
		FUEL BURN	000 MBTU	0.	0.	10746.	13028.	16844.	16365.	17394.
DRESD2	1	CAPACITY FACTOR		0.0000	0.0000	0.1178	0.0844	0.1377	0.1505	0.1468

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INDEX #	94	CAPACITY	MW	625.00	625.00	625.00	625.00	625.00	625.00
		AVG HR	MBTU/MWH	0.00	0.00	7.11	7.18	7.36	7.34
		VAR O&M CST	\$000	0.	0.	1743.	1274.	2124.	2380.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	24772.	19354.	32964.	38875.
		AV VAR CST	\$/MWH	0.00	0.00	41.11	44.64	46.55	49.92
		GENERATION	GW	0.0	0.0	645.0	462.1	753.8	826.4
		FUEL BURN 000	MBTU	0.	0.	4583.	3317.	5547.	6065.
BS_BF50	954	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	954	CAPACITY	MW	381.00	381.00	381.00	381.00	381.00	381.00
		AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.	0.	0.	0.	0.
CT_KPCO	955	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	955	CAPACITY	MW	85.00	85.00	85.00	85.00	85.00	85.00
		AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.	0.	0.	0.	0.
CT_KPCO	956	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	956	CAPACITY	MW	85.00	85.00	85.00	85.00	85.00	85.00
		AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.	0.	0.	0.	0.
CT_KPCO	957	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	957	CAPACITY	MW	85.00	85.00	85.00	85.00	85.00	85.00
		AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.	0.	0.	0.	0.

‡ 02/07/13 15:29:33 V04.0 R03.0

NewEnergy Associates  
Strategist Page 68

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

		2011	2012	2013	2014	2015	2016	2017
CT_KPCO	958	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	958	CAPACITY	85.00	85.00	85.00	85.00	85.00	85.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.	0.	0.	0.
CC_KPCO	959	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	959	CAPACITY	384.00	384.00	384.00	384.00	384.00	384.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.	0.	0.	0.
RP2D_KP	960	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	960	CAPACITY	195.00	195.00	195.00	195.00	195.00	195.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.	0.	0.	0.
RP2D_IM	961	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	961	CAPACITY	1090.00	1090.00	1090.00	1090.00	1090.00	1090.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.	0.	0.	0.
CSV6_SCR	962	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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INDEX # 962	CAPACITY	MW	391.00	391.00	391.00	391.00	391.00	391.00	391.00
	AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
	FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	FUEL BURN 000	MBTU	0.	0.	0.	0.	0.	0.	0.
CSV5_SCR963	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 963	CAPACITY	MW	391.00	391.00	391.00	391.00	391.00	391.00	391.00
	AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
	FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	FUEL BURN 000	MBTU	0.	0.	0.	0.	0.	0.	0.
DUMMY_OP964	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 964	CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP1D_KP 965	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.8304	0.7940
INDEX # 965	CAPACITY	MW	198.00	198.00	198.00	198.00	198.00	203.40	203.40
	AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	9.65	9.65
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	11524.	11494.
	FIXED COST	\$000	0.	0.	0.	0.	0.	11712.	13196.
	FUEL COST	\$000	0.	0.	0.	0.	0.	32463.	32184.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	29.65	30.87
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	1483.7	1414.8
	FUEL BURN 000	MBTU	0.	0.	0.	0.	0.	14314.	13650.
RP1D_03 966	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.8042	0.6072
INDEX # 966	CAPACITY	MW	1090.00	1090.00	1090.00	1090.00	1090.00	1090.00	1090.00
	AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	9.68	9.67
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	69712.	53470.
	FIXED COST	\$000	0.	0.	0.	0.	0.	51019.	68050.
	FUEL COST	\$000	0.	0.	0.	0.	0.	181713.	138894.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	32.65	33.18
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	7700.3	5797.8
	DUMP ENERGY	GWH	0.0	0.0	0.0	0.0	0.0	3.9	2.3
	FUEL BURN 000	MBTU	0.	0.	0.	0.	0.	74544.	56061.
CR2_NGCC967	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.2959	0.3257	0.3245
INDEX # 967	CAPACITY	MW	212.00	212.00	212.00	212.00	212.00	212.00	212.00
	AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	10.69	10.69	10.65
	VAR O&M CST	\$000	0.	0.	0.	0.	2787.	3144.	3189.
	FIXED COST	\$000	0.	0.	0.	0.	23080.	23080.	23080.
	FUEL COST	\$000	0.	0.	0.	0.	34517.	40824.	41432.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	67.89	72.50	74.04
	GENERATION	GWH	0.0	0.0	0.0	0.0	549.4	606.5	602.7
	FUEL BURN 000	MBTU	0.	0.	0.	0.	5872.	6482.	6420.
CR1_NGCC968	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.3507	0.3804	0.3828
INDEX # 968	CAPACITY	MW	212.00	212.00	212.00	212.00	212.00	212.00	212.00
	AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	10.49	10.50	10.48
	VAR O&M CST	\$000	0.	0.	0.	0.	3288.	3656.	3746.
	FIXED COST	\$000	0.	0.	0.	0.	23080.	23080.	23080.
	FUEL COST	\$000	0.	0.	0.	0.	40053.	46904.	48030.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	66.54	71.37	72.84
	GENERATION	GWH	0.0	0.0	0.0	0.0	651.3	708.4	710.9
	DUMP ENERGY	GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.4
	FUEL BURN 000	MBTU	0.	0.	0.	0.	6835.	7440.	7448.
MR5_NGCC969	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.5205	0.5351	0.5262
INDEX # 969	CAPACITY	MW	510.00	510.00	510.00	510.00	510.00	510.00	510.00
	AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	11.23	11.18	11.21
	VAR O&M CST	\$000	0.	0.	0.	0.	10101.	10637.	10664.
	FIXED COST	\$000	0.	0.	0.	0.	55524.	55524.	55524.
	FUEL COST	\$000	0.	0.	0.	0.	145973.	155463.	157066.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	67.12	69.29	71.35
	GENERATION	GWH	0.0	0.0	0.0	0.0	2325.2	2397.0	2350.8
	DUMP ENERGY	GWH	0.0	0.0	0.0	0.0	16.2	10.7	2.9
	FUEL BURN 000	MBTU	0.	0.	0.	0.	26113.	26804.	26353.
RP2TR_KP970	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.3161	0.4876	0.5589
INDEX # 970	CAPACITY	MW	195.00	195.00	195.00	195.00	195.00	195.00	195.00
	AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	9.67	9.67	9.67
	VAR O&M CST	\$000	0.	0.	0.	0.	3397.	5507.	6616.
	FIXED COST	\$000	0.	0.	0.	0.	3602.	5123.	5335.
	FUEL COST	\$000	0.	0.	0.	0.	14450.	23562.	27858.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	33.05	34.81	36.11
	GENERATION	GWH	0.0	0.0	0.0	0.0	540.0	835.1	954.8
	FUEL BURN 000	MBTU	0.	0.	0.	0.	5220.	8073.	9230.
RP2TR_IN971	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.3902	0.4550	0.5935
INDEX # 971	CAPACITY	MW	1105.00	1105.00	1105.00	1105.00	1105.00	1105.00	1105.00
	AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	9.75	9.75	9.76
	VAR O&M CST	\$000	0.	0.	0.	0.	19481.	23367.	31148.
	FIXED COST	\$000	0.	0.	0.	0.	11775.	23440.	22550.
	FUEL COST	\$000	0.	0.	0.	0.	101921.	125632.	169176.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	32.14	33.74	34.87
	GENERATION	GWH	0.0	0.0	0.0	0.0	3777.1	4416.3	5744.5
	FUEL BURN 000	MBTU	0.	0.	0.	0.	36821.	43051.	56057.







4A Output.txt

		2011	2012	2013	2014	2015	2016	2017
T4 TRONA998	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.3707	0.2902	0.3355	0.3090
INDEX # 998	CAPACITY MW	500.00	500.00	500.00	500.00	500.00	500.00	500.00
	AVG HR MBTU/MWH	0.00	0.00	0.00	9.74	9.72	9.75	9.73
	VAR O&M CST \$000	0.	0.	0.	8256.	6576.	7885.	7390.
	FIXED COST \$000	0.	0.	0.	6735.	9432.	5311.	102928.
	FUEL COST \$000	0.	0.	0.	49154.	38642.	46091.	40666.
	AV VAR CST \$/MWH	0.00	0.00	0.00	35.36	35.58	36.63	35.51
	GENERATION GWH	0.0	0.0	0.0	1623.8	1271.0	1473.6	1353.2
	FUEL BURN 000 MBTU	0.	0.	0.	15813.	12350.	14365.	13166.
DUMMY_OP999	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 999	CAPACITY MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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NewEnergy Associates  
Strategist Page 71

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

		2018	2019	2020	2021	2022	2023	2024
AMOS	1 CAPACITY FACTOR	0.7883	0.7865	0.6977	0.7946	0.7552	0.7568	0.6662
INDEX #	1 CAPACITY MW	790.00	790.00	790.00	790.00	790.00	790.00	790.00
	AVG HR MBTU/MWH	9.66	9.66	9.65	9.65	9.70	9.70	9.70
	VAR O&M CST \$000	16256.	16609.	15118.	17568.	17107.	17533.	15824.
	FIXED COST \$000	29150.	28956.	37041.	36320.	36527.	37453.	41581.
	FUEL COST \$000	187912.	191210.	173673.	201428.	186895.	190798.	171911.
	AV VAR CST \$/MWH	37.43	38.18	38.99	39.83	39.03	39.78	40.61
	GENERATION GWH	5455.0	5442.9	4841.5	5498.7	5226.2	5237.6	4622.8
	FUEL BURN 000 MBTU	52691.	52585.	46736.	53063.	50702.	50797.	44622.
AMOS	2 CAPACITY FACTOR	0.7512	0.8156	0.8177	0.7873	0.7918	0.7307	0.7971
INDEX #	2 CAPACITY MW	790.00	790.00	790.00	790.00	790.00	790.00	790.00
	AVG HR MBTU/MWH	9.49	9.50	9.49	9.49	9.52	9.52	9.51
	VAR O&M CST \$000	15417.	17140.	17636.	17325.	17839.	16837.	18835.
	FIXED COST \$000	26876.	37974.	30833.	37325.	38390.	41626.	43405.
	FUEL COST \$000	176041.	194899.	200210.	196289.	192274.	180755.	201872.
	AV VAR CST \$/MWH	36.83	37.57	38.39	39.21	38.35	39.08	39.90
	GENERATION GWH	5198.6	5644.5	5674.3	5448.2	5479.3	5056.5	5531.2
	FUEL BURN 000 MBTU	49359.	53596.	53873.	51705.	52163.	48123.	52625.
AMOS_OP	3 CAPACITY FACTOR	0.8073	0.7461	0.8097	0.7654	0.7238	0.7274	0.7322
INDEX #	3 CAPACITY MW	858.00	858.00	858.00	858.00	858.00	858.00	858.00
	AVG HR MBTU/MWH	9.73	9.71	9.72	9.72	9.73	9.73	9.72
	VAR O&M CST \$000	18120.	17137.	19096.	18419.	17821.	18320.	18906.
	FIXED COST \$000	38265.	41683.	37987.	43776.	45881.	47328.	49874.
	FUEL COST \$000	210506.	197981.	220528.	212289.	195135.	199801.	205823.
	AV VAR CST \$/MWH	37.68	37.68	39.27	40.11	39.15	39.89	40.73
	GENERATION GWH	6067.7	5608.0	6102.1	5752.5	5440.1	5467.6	5518.1
	FUEL BURN 000 MBTU	59023.	54446.	59340.	55918.	52943.	53189.	53655.
BECKJORD	6 CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	4 CAPACITY MW	53.00	53.00	53.00	53.00	53.00	53.00	53.00
	AVG HR MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
	FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	FUEL BURN 000 MBTU	0.	0.	0.	0.	0.	0.	0.
BIG SAND	1 CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	5 CAPACITY MW	278.00	278.00	278.00	278.00	278.00	278.00	278.00
	AVG HR MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
	FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	FUEL BURN 000 MBTU	0.	0.	0.	0.	0.	0.	0.
BIG SAND	2 CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	6 CAPACITY MW	800.00	800.00	800.00	800.00	800.00	800.00	800.00
	AVG HR MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
	FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	FUEL BURN 000 MBTU	0.	0.	0.	0.	0.	0.	0.
CARD 1+2	1 CAPACITY FACTOR	0.7707	0.8215	0.6926	0.7906	0.6824	0.7616	0.6866
INDEX #	7 CAPACITY MW	595.00	595.00	595.00	595.00	595.00	595.00	595.00
	AVG HR MBTU/MWH	9.28	9.28	9.28	9.28	9.28	9.28	9.28
	VAR O&M CST \$000	13580.	14823.	12829.	14947.	13200.	15071.	13936.
	FIXED COST \$000	21805.	20914.	30062.	117457.	62293.	74140.	91533.
	FUEL COST \$000	101260.	109905.	94932.	110350.	94952.	108184.	99789.
	AV VAR CST \$/MWH	28.59	29.13	29.77	30.41	30.41	31.05	31.69
	GENERATION GWH	4017.2	4281.7	3619.8	4120.8	3556.6	3969.6	3588.6
	FUEL BURN 000 MBTU	37268.	39722.	33579.	38225.	33006.	36837.	33297.

4A Output.txt

CARD 1+2	2	CAPACITY FACTOR	0.8462	0.7612	0.9093	0.8519	0.7501	0.8908	0.8343
INDEX #	8	CAPACITY	595.00	595.00	595.00	595.00	595.00	595.00	595.00
		AVG HR	9.39	9.39	9.39	9.39	9.39	9.40	9.39
		VAR O&M CST \$000	14954.	13776.	16893.	16153.	14553.	17679.	16984.
		FIXED COST \$000	-5397.	-1891.	-7643.	56555.	18196.	22460.	34030.
		FUEL COST \$000	117499.	107573.	131502.	125351.	110447.	133768.	128077.
		AV VAR CST \$/MWH	30.03	30.59	31.23	31.87	31.97	32.62	33.27
		GENERATION GWH	4410.5	3967.4	4752.3	4440.0	3909.6	4642.8	4360.6
		FUEL BURN 000 MBTU	41422.	37259.	44626.	41694.	36729.	43620.	40967.
CARD 3	3	CAPACITY FACTOR	0.8369	0.7251	0.8068	0.8117	0.7917	0.8011	0.6767
INDEX #	9	CAPACITY	620.00	620.00	620.00	620.00	620.00	620.00	620.00
		AVG HR	10.35	10.34	10.34	10.34	10.36	10.36	10.36
		VAR O&M CST \$000	15796.	14013.	16004.	16430.	16405.	16978.	14708.
		FIXED COST \$000	-5313.	287.	-2311.	60594.	18580.	25732.	39058.
		FUEL COST \$000	133482.	117593.	133905.	137035.	133975.	138249.	119334.
		AV VAR CST \$/MWH	32.84	33.42	34.12	34.81	34.97	35.68	36.37
		GENERATION GWH	4545.2	3938.4	4393.9	4408.3	4300.1	4350.8	3685.3
		FUEL BURN 000 MBTU	47049.	40726.	45437.	45576.	44555.	45078.	38169.
CLINCH R	1	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	16	CAPACITY	235.00	235.00	235.00	235.00	235.00	235.00	235.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.
		FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000 MBTU	0.	0.	0.	0.	0.	0.	0.
CLINCH R	2	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	17	CAPACITY	235.00	235.00	235.00	235.00	235.00	235.00	235.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.
		FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000 MBTU	0.	0.	0.	0.	0.	0.	0.
CLINCH R	3	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	18	CAPACITY	235.00	235.00	235.00	235.00	235.00	235.00	235.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.
		FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000 MBTU	0.	0.	0.	0.	0.	0.	0.
ROCKP_KP	1	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	19	CAPACITY	203.40	203.40	203.40	203.40	203.40	203.40	203.40
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.
		FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000 MBTU	0.	0.	0.	0.	0.	0.	0.
ROCKP_KP	2	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	20	CAPACITY	195.00	200.40	200.40	200.40	200.40	200.40	200.40
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.
		FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000 MBTU	0.	0.	0.	0.	0.	0.	0.
CSVL 1-4	3	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	21	CAPACITY	165.00	165.00	165.00	165.00	165.00	165.00	165.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.
		FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000 MBTU	0.	0.	0.	0.	0.	0.	0.
CSVL 1-4	4	CAPACITY FACTOR	0.7545	0.7434	0.8094	0.8535	0.8122	0.7340	0.7889
INDEX #	22	CAPACITY	337.00	337.00	337.00	337.00	337.00	337.00	337.00
		AVG HR	9.87	9.87	9.79	9.78	9.82	9.82	9.81
		VAR O&M CST \$000	8314.	8386.	9346.	10055.	9800.	9057.	9979.
		FIXED COST \$000	35511.	30348.	29112.	31349.	33901.	38284.	38512.
		FUEL COST \$000	88532.	89579.	82931.	88637.	84951.	78223.	86050.
		AV VAR CST \$/MWH	43.48	44.64	38.51	39.17	39.52	40.28	41.12
		GENERATION GWH	2227.5	2194.7	2396.0	2519.6	2397.6	2167.0	2335.2
		FUEL BURN 000 MBTU	21989.	21657.	23449.	24646.	23555.	21277.	22907.

02/07/13 15:29:33 V04.0 R03.0

NewEnergy Associates  
Strategist Page 72

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

2018 2019 2020 2021 2022 2023 2024

4A Output.txt

CSVL 5+6	5	CAPACITY FACTOR	0.7487	0.7407	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	23	CAPACITY	400.00	400.00	400.00	400.00	400.00	400.00	400.00
		AVG HR	10.51	10.62	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	8980.	9120.	0.	0.	0.	0.	0.
		FIXED COST	43594.	349497.	0.	0.	0.	0.	0.
		FUEL COST	74107.	92796.	0.	0.	0.	0.	0.
		AV VAR CST	31.67	39.27	0.00	0.00	0.00	0.00	0.00
		GENERATION	2623.5	2595.3	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	27575.	27561.	0.	0.	0.	0.	0.
CSVL 5+6	6	CAPACITY FACTOR	0.8715	0.7325	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	24	CAPACITY	400.00	400.00	400.00	400.00	400.00	400.00	400.00
		AVG HR	10.24	10.31	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	10386.	8955.	0.	0.	0.	0.	0.
		FIXED COST	35114.	375849.	0.	0.	0.	0.	0.
		FUEL COST	83995.	89063.	0.	0.	0.	0.	0.
		AV VAR CST	30.91	38.19	0.00	0.00	0.00	0.00	0.00
		GENERATION	3053.7	2566.8	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	31257.	26454.	0.	0.	0.	0.	0.
D C COOK	1	CAPACITY FACTOR	0.9261	0.8481	0.8514	0.9261	0.8482	0.8310	0.9262
INDEX #	25	CAPACITY	1084.00	1084.00	1084.00	1084.00	1084.00	1084.00	1084.00
		AVG HR	10.84	10.84	10.84	10.84	10.84	10.84	10.84
		VAR O&M CST	50743.	47865.	49624.	55449.	52304.	52783.	60760.
		FIXED COST	181841.	202032.	215597.	225172.	244482.	260279.	268485.
		FUEL COST	68669.	64104.	65530.	74036.	69647.	69457.	80654.
		AV VAR CST	13.58	13.90	14.20	14.72	15.14	15.49	16.04
		GENERATION	8794.3	8053.8	8106.6	8794.3	8053.9	7891.0	8818.9
		FUEL BURN	95365.	87335.	87908.	95366.	87337.	85570.	95633.
D C COOK	2	CAPACITY FACTOR	0.8587	0.8593	0.9371	0.8589	0.8593	0.9370	0.8595
INDEX #	26	CAPACITY	1107.00	1107.00	1107.00	1107.00	1107.00	1107.00	1107.00
		AVG HR	10.97	10.97	10.97	10.97	10.97	10.97	10.97
		VAR O&M CST	48050.	49522.	55777.	52518.	54113.	60780.	57579.
		FIXED COST	185885.	201680.	210702.	230030.	244548.	254031.	274205.
		FUEL COST	67255.	67901.	74893.	70309.	71197.	79537.	75006.
		AV VAR CST	13.85	14.09	14.34	14.75	15.04	15.44	15.86
		GENERATION	8327.5	8332.8	9111.8	8329.5	8332.5	9086.5	8357.3
		DUMP ENERGY	0.2	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	91353.	91410.	99957.	91374.	91408.	99679.	91680.
GAVIN	1	CAPACITY FACTOR	0.8109	0.8891	0.8374	0.8910	0.8248	0.8761	0.8118
INDEX #	27	CAPACITY	1320.00	1320.00	1320.00	1320.00	1320.00	1320.00	1320.00
		AVG HR	9.81	9.80	9.80	9.80	9.81	9.81	9.81
		VAR O&M CST	17466.	19596.	18936.	20549.	19456.	21129.	20069.
		FIXED COST	54843.	49730.	57120.	59254.	62912.	1976.	10272.
		FUEL COST	266390.	286949.	276745.	300666.	279398.	302703.	287665.
		AV VAR CST	30.27	29.82	30.45	31.18	31.33	31.97	32.69
		GENERATION	9376.6	10280.3	9709.7	10302.3	9537.8	10130.4	9412.7
		FUEL BURN	91949.	100793.	95198.	101005.	93541.	99354.	92303.
GAVIN	2	CAPACITY FACTOR	0.9054	0.8405	0.9155	0.8093	0.8992	0.8462	0.9028
INDEX #	28	CAPACITY	1320.00	1320.00	1320.00	1320.00	1320.00	1320.00	1320.00
		AVG HR	9.82	9.82	9.82	9.82	9.83	9.83	9.83
		VAR O&M CST	19514.	18537.	20717.	18679.	21226.	20423.	22335.
		FIXED COST	49195.	62526.	69019.	70808.	74473.	80671.	82696.
		FUEL COST	297944.	271752.	303100.	273629.	305157.	292924.	320525.
		AV VAR CST	30.32	29.87	30.50	31.24	31.39	32.02	32.76
		GENERATION	10469.1	9718.4	10615.3	9357.6	10397.9	9785.2	10467.4
		FUEL BURN	102851.	95466.	104271.	91913.	102170.	96148.	102843.
GLEN LYN	5	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	29	CAPACITY	95.00	95.00	95.00	95.00	95.00	95.00	95.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	0.	0.	0.	0.	0.	0.	0.
		FIXED COST	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	0.	0.	0.	0.	0.	0.	0.
GLEN LYN	6	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	30	CAPACITY	240.00	240.00	240.00	240.00	240.00	240.00	240.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	0.	0.	0.	0.	0.	0.	0.
		FIXED COST	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	0.	0.	0.	0.	0.	0.	0.
KAMMER	1	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	33	CAPACITY	210.00	210.00	210.00	210.00	210.00	210.00	210.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	0.	0.	0.	0.	0.	0.	0.
		FIXED COST	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	0.	0.	0.	0.	0.	0.	0.
KAMMER	2	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	34	CAPACITY	210.00	210.00	210.00	210.00	210.00	210.00	210.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	0.	0.	0.	0.	0.	0.	0.
		FIXED COST	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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		GENERATION	GW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000	MBTU	0.	0.	0.	0.	0.	0.
KAMMER	3	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	35	CAPACITY	MW	210.00	210.00	210.00	210.00	210.00	210.00	210.00
		AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000	MBTU	0.	0.	0.	0.	0.	0.
KANAWHA	1	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	36	CAPACITY	MW	200.00	200.00	200.00	200.00	200.00	200.00	200.00
		AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000	MBTU	0.	0.	0.	0.	0.	0.
KANAWHA	2	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	37	CAPACITY	MW	200.00	200.00	200.00	200.00	200.00	200.00	200.00
		AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000	MBTU	0.	0.	0.	0.	0.	0.
MITCHELL	1	CAPACITY FACTOR		0.8457	0.7561	0.8618	0.7565	0.8364	0.7609	0.8311
INDEX #	43	CAPACITY	MW	614.00	614.00	614.00	614.00	614.00	614.00	614.00
		AVG HR	MBTU/MWH	10.06	10.05	10.05	10.04	10.07	10.08	10.08
		VAR O&M CST	\$000	7763.	7103.	8307.	7439.	8419.	7835.	8775.
		FIXED COST	\$000	44208.	69401.	56199.	63888.	68710.	70192.	73931.
		FUEL COST	\$000	144502.	132340.	154936.	139229.	153921.	145117.	162944.
		AV VAR CST	\$/MWH	33.47	34.29	35.12	36.05	36.08	37.37	38.31
		GENERATION	GW	4549.0	4066.8	4648.2	4068.9	4498.8	4092.5	4482.4
		FUEL BURN	000	MBTU	45775.	40886.	46717.	40868.	45319.	41269.
MITCHELL	2	CAPACITY FACTOR		0.7550	0.8598	0.8608	0.8636	0.7443	0.8398	0.8407
INDEX #	44	CAPACITY	MW	634.00	634.00	634.00	634.00	634.00	634.00	634.00
		AVG HR	MBTU/MWH	9.60	9.60	9.60	9.60	9.61	9.62	9.61
		VAR O&M CST	\$000	7047.	8216.	8442.	8641.	7620.	8794.	9027.
		FIXED COST	\$000	56491.	47518.	51824.	54475.	55751.	57066.	58674.
		FUEL COST	\$000	127074.	148393.	152644.	156830.	134957.	157702.	162309.
		AV VAR CST	\$/MWH	31.99	32.80	33.60	34.50	34.49	35.70	36.60
		GENERATION	GW	4193.0	4774.9	4793.9	4796.4	4133.6	4663.9	4681.8
		FUEL BURN	000	MBTU	40254.	45847.	46029.	46044.	39738.	44848.
MOUNT_ER	1	CAPACITY FACTOR		0.8554	0.9096	0.8569	0.8932	0.8377	0.8707	0.8069
INDEX #	45	CAPACITY	MW	1314.00	1314.00	1314.00	1314.00	1314.00	1314.00	1314.00
		AVG HR	MBTU/MWH	9.59	9.59	9.59	9.59	9.59	9.59	9.59
		VAR O&M CST	\$000	30515.	33270.	32212.	34302.	32943.	35055.	33345.
		FIXED COST	\$000	87219.	80551.	86466.	91550.	63192.	63475.	71956.
		FUEL COST	\$000	262094.	283717.	272746.	289418.	271515.	287982.	272872.
		AV VAR CST	\$/MWH	29.72	30.28	30.83	31.49	31.57	32.23	32.88
		GENERATION	GW	9846.0	10470.0	9890.8	10281.3	9642.9	10021.9	9312.9
		FUEL BURN	000	MBTU	94383.	100364.	94809.	98548.	92454.	96094.

02/07/13 15:29:33 V04.0 R03.0

NewEnergy Associates  
Strategist Page 73

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

		2018 2019 2020 2021 2022 2023 2024								
MUSK RVR	1	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	46	CAPACITY	MW	205.00	205.00	205.00	205.00	205.00	205.00	205.00
		AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000	MBTU	0.	0.	0.	0.	0.	0.
MUSK RVR	2	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	47	CAPACITY	MW	205.00	205.00	205.00	205.00	205.00	205.00	205.00
		AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000	MBTU	0.	0.	0.	0.	0.	0.
MUSK RVR	3	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	48	CAPACITY	MW	215.00	215.00	215.00	215.00	215.00	215.00	215.00
		AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00



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		FUEL COST	\$000	0.	0.	0.	0.	0.	0.	
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	
		GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	
		FUEL BURN	000 MBTU	0.	0.	0.	0.	0.	0.	
STUART	1	CAPACITY FACTOR		0.8288	0.8267	0.8860	0.8324	0.8244	0.8802	0.8283
INDEX #	61	CAPACITY	MW	150.00	150.00	150.00	150.00	150.00	150.00	150.00
		AVG HR	MBTU/MWH	9.49	9.49	9.48	9.48	9.49	9.49	9.49
		VAR O&M CST	\$000	3213.	3283.	3612.	3463.	3510.	3834.	3700.
		FIXED COST	\$000	12931.	12822.	13036.	14555.	15265.	15714.	16554.
		FUEL COST	\$000	31268.	31707.	34619.	33155.	32958.	35960.	34648.
		AV VAR CST	\$/MWH	31.66	32.21	32.75	33.48	33.67	34.41	35.14
		GENERATION	GWH	1089.0	1086.3	1167.4	1093.8	1083.2	1156.6	1091.4
		FUEL BURN	000 MBTU	10330.	10306.	11073.	10372.	10279.	10976.	10354.
STUART	2	CAPACITY FACTOR		0.8321	0.8853	0.8323	0.8333	0.8841	0.8294	0.8307
INDEX #	62	CAPACITY	MW	150.00	150.00	150.00	150.00	150.00	150.00	150.00
		AVG HR	MBTU/MWH	9.61	9.61	9.61	9.61	9.62	9.61	9.61
		VAR O&M CST	\$000	3236.	3526.	3403.	3477.	3775.	3623.	3722.
		FIXED COST	\$000	12879.	12563.	13141.	14454.	14937.	15821.	16438.
		FUEL COST	\$000	31802.	34409.	32949.	33628.	35819.	34330.	35205.
		AV VAR CST	\$/MWH	32.04	32.61	33.15	33.89	34.08	34.83	35.57
		GENERATION	GWH	1093.4	1163.3	1096.6	1094.9	1161.8	1089.8	1094.5
		FUEL BURN	000 MBTU	10507.	11184.	10538.	10521.	11171.	10478.	10521.
STUART	3	CAPACITY FACTOR		0.8126	0.8749	0.8247	0.8278	0.8656	0.8119	0.8152
INDEX #	63	CAPACITY	MW	150.00	150.00	150.00	150.00	150.00	150.00	150.00
		AVG HR	MBTU/MWH	9.53	9.52	9.52	9.52	9.53	9.53	9.53
		VAR O&M CST	\$000	3153.	3477.	3365.	3447.	3689.	3540.	3645.
		FIXED COST	\$000	12982.	12705.	13304.	14644.	15138.	16027.	16655.
		FUEL COST	\$000	30789.	33686.	32345.	33094.	34750.	33306.	34238.
		AV VAR CST	\$/MWH	31.79	32.33	32.86	33.59	33.80	34.54	35.27
		GENERATION	GWH	1067.8	1149.7	1086.6	1087.7	1137.4	1066.8	1074.1
		FUEL BURN	000 MBTU	10172.	10949.	10344.	10353.	10837.	10165.	10232.

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NewEnergy Associates  
Strategist Page 74

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

		2018	2019	2020	2021	2022	2023	2024		
STUART	4	CAPACITY FACTOR	0.8215	0.8778	0.8286	0.8299	0.8718	0.7345	0.8220	
INDEX #	64	CAPACITY	150.00	150.00	150.00	150.00	150.00	150.00	150.00	
		AVG HR	9.66	9.66	9.66	9.65	9.67	9.67	9.66	
		VAR O&M CST	\$000	3198.	3500.	3392.	3467.	3727.	3212.	3687.
		FIXED COST	\$000	12954.	12651.	13253.	14566.	15062.	16281.	16570.
		FUEL COST	\$000	31567.	34284.	32962.	33652.	35507.	30565.	35019.
		AV VAR CST	\$/MWH	32.21	32.76	33.30	34.04	34.25	35.00	35.74
		GENERATION	GWH	1079.4	1153.4	1091.8	1090.5	1145.5	965.1	1083.1
		FUEL BURN	000 MBTU	10429.	11144.	10542.	10528.	11073.	9329.	10465.
AMOS_AP	3	CAPACITY FACTOR	0.7660	0.6883	0.7669	0.7272	0.6646	0.6677	0.6707	
INDEX #	65	CAPACITY	429.00	429.00	429.00	429.00	429.00	429.00	429.00	
		AVG HR	9.76	9.77	9.76	9.76	9.80	9.79	9.79	
		VAR O&M CST	\$000	8606.	7918.	9055.	8760.	8197.	8423.	8676.
		FIXED COST	\$000	57186.	68801.	64944.	68607.	72604.	73820.	76601.
		FUEL COST	\$000	100253.	91870.	104877.	101246.	90181.	92297.	94912.
		AV VAR CST	\$/MWH	37.82	38.58	39.42	40.25	39.39	40.14	40.99
		GENERATION	GWH	2878.7	2586.6	2890.0	2733.0	2497.5	2509.1	2527.5
		FUEL BURN	000 MBTU	28109.	25264.	28220.	26668.	24467.	24570.	24742.
TANN 1-3	1	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
INDEX #	66	CAPACITY	145.00	145.00	145.00	145.00	145.00	145.00	145.00	
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.	
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	
		GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	
		FUEL BURN	000 MBTU	0.	0.	0.	0.	0.	0.	
TANN 1-3	2	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
INDEX #	67	CAPACITY	145.00	145.00	145.00	145.00	145.00	145.00	145.00	
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.	
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	
		GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	
		FUEL BURN	000 MBTU	0.	0.	0.	0.	0.	0.	
TANN 1-3	3	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
INDEX #	68	CAPACITY	205.00	205.00	205.00	205.00	205.00	205.00	205.00	
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.	
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	
		GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	
		FUEL BURN	000 MBTU	0.	0.	0.	0.	0.	0.	
TANN 4	4	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
INDEX #	69	CAPACITY	500.00	500.00	500.00	500.00	500.00	500.00	500.00	
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	

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		FUEL COST	\$000	0.	0.	0.	0.	0.	0.	
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	
		GENERATION	GW	0.0	0.0	0.0	0.0	0.0	0.0	
		FUEL BURN	000 MBTU	0.	0.	0.	0.	0.	0.	
ZIMMER	1	CAPACITY FACTOR		0.8204	0.9105	0.9147	0.7716	0.8912	0.8913	0.8061
INDEX #	70	CAPACITY	MW	330.00	330.00	330.00	330.00	330.00	330.00	330.00
		AVG HR	MBTU/MWH	9.69	9.69	9.69	9.69	9.71	9.71	9.70
		VAR O&M CST	\$000	8251.	9374.	9662.	8315.	9829.	10052.	9320.
		FIXED COST	\$000	27623.	26440.	27045.	31986.	32708.	33695.	36098.
		FUEL COST	\$000	62905.	71091.	72875.	62375.	74936.	76697.	70889.
		AV VAR CST	\$/MWH	30.00	30.57	31.13	31.69	32.90	33.67	34.33
		GENERATION	GW	2371.5	2632.1	2651.4	2230.5	2576.3	2576.7	2336.7
		FUEL BURN	000 MBTU	22981.	25509.	25689.	21607.	25006.	25010.	22671.
CEREDO	1	CAPACITY FACTOR		0.4606	0.3655	0.4911	0.3153	0.4509	0.4696	0.3457
INDEX #	75	CAPACITY	MW	86.00	86.00	86.00	86.00	86.00	86.00	86.00
		AVG HR	MBTU/MWH	11.73	11.73	11.73	11.73	11.73	11.73	11.73
		VAR O&M CST	\$000	2080.	1692.	2336.	1532.	2244.	2393.	1808.
		FIXED COST	\$000	1048.	1035.	1039.	1098.	1063.	1107.	1213.
		FUEL COST	\$000	27232.	22317.	30078.	20005.	29773.	31787.	23762.
		AV VAR CST	\$/MWH	84.47	87.20	87.38	90.68	94.25	96.62	97.90
		GENERATION	GW	347.0	275.3	371.0	237.5	339.7	353.8	261.2
		FUEL BURN	000 MBTU	4071.	3230.	4352.	2786.	3985.	4150.	3065.
CEREDO	2	CAPACITY FACTOR		0.4379	0.3398	0.4171	0.2936	0.4406	0.4665	0.4552
INDEX #	76	CAPACITY	MW	86.00	86.00	86.00	86.00	86.00	86.00	86.00
		AVG HR	MBTU/MWH	11.74	11.74	11.74	11.74	11.74	11.74	11.74
		VAR O&M CST	\$000	1977.	1573.	1985.	1427.	2193.	2377.	2381.
		FIXED COST	\$000	333.	322.	328.	379.	361.	395.	469.
		FUEL COST	\$000	25953.	20762.	25572.	18624.	29140.	31625.	31933.
		AV VAR CST	\$/MWH	84.67	87.25	87.45	90.66	94.39	96.76	99.79
		GENERATION	GW	329.9	256.0	315.1	221.2	331.9	351.4	343.8
		FUEL BURN	000 MBTU	3873.	3005.	3700.	2596.	3898.	4127.	4038.
CEREDO	3	CAPACITY FACTOR		0.3058	0.2523	0.3574	0.2898	0.3834	0.3344	0.3460
INDEX #	77	CAPACITY	MW	86.00	86.00	86.00	86.00	86.00	86.00	86.00
		AVG HR	MBTU/MWH	11.80	11.80	11.80	11.80	11.80	11.80	11.80
		VAR O&M CST	\$000	1381.	1168.	1700.	1408.	1908.	1704.	1809.
		FIXED COST	\$000	398.	393.	404.	467.	445.	470.	539.
		FUEL COST	\$000	18342.	15565.	22093.	18527.	25612.	22902.	24598.
		AV VAR CST	\$/MWH	85.61	88.03	88.12	91.31	95.28	97.67	101.04
		GENERATION	GW	230.4	190.1	270.0	218.3	288.8	251.9	261.4
		FUEL BURN	000 MBTU	2719.	2243.	3187.	2577.	3409.	2973.	3085.
CEREDO	4	CAPACITY FACTOR		0.4500	0.3567	0.4930	0.4109	0.4912	0.5698	0.5758
INDEX #	78	CAPACITY	MW	86.00	86.00	86.00	86.00	86.00	86.00	86.00
		AVG HR	MBTU/MWH	11.72	11.72	11.72	11.72	11.72	11.72	11.72
		VAR O&M CST	\$000	2032.	1651.	2345.	1997.	2445.	2903.	3012.
		FIXED COST	\$000	277.	256.	257.	365.	277.	335.	369.
		FUEL COST	\$000	26614.	21689.	30061.	25898.	32342.	38415.	40144.
		AV VAR CST	\$/MWH	84.50	86.86	87.02	90.11	94.00	96.26	99.21
		GENERATION	GW	339.0	268.7	372.4	309.6	370.1	429.3	435.0
		FUEL BURN	000 MBTU	3973.	3148.	4364.	3628.	4337.	5031.	5098.
CEREDO	5	CAPACITY FACTOR		0.3749	0.2898	0.4042	0.4160	0.2780	0.4150	0.4384
INDEX #	79	CAPACITY	MW	86.00	86.00	86.00	86.00	86.00	86.00	86.00
		AVG HR	MBTU/MWH	11.80	11.80	11.80	11.80	11.80	11.80	11.80
		VAR O&M CST	\$000	1693.	1342.	1923.	2022.	1384.	2115.	2293.
		FIXED COST	\$000	376.	367.	376.	373.	453.	439.	486.
		FUEL COST	\$000	22353.	17833.	24926.	26470.	18516.	28233.	30917.
		AV VAR CST	\$/MWH	85.14	87.82	87.94	90.92	95.00	97.06	100.27
		GENERATION	GW	282.4	218.3	305.3	313.4	209.5	312.7	331.2
		FUEL BURN	000 MBTU	3334.	2577.	3604.	3699.	2472.	3691.	3910.
CEREDO	6	CAPACITY FACTOR		0.2420	0.1846	0.2100	0.3290	0.3079	0.3008	0.3373
INDEX #	80	CAPACITY	MW	86.00	86.00	86.00	86.00	86.00	86.00	86.00
		AVG HR	MBTU/MWH	11.94	11.93	11.93	11.94	11.94	11.94	11.94
		VAR O&M CST	\$000	1093.	855.	999.	1599.	1532.	1532.	1764.
		FIXED COST	\$000	429.	427.	473.	434.	487.	503.	573.
		FUEL COST	\$000	14602.	11482.	13193.	21305.	20861.	20869.	24276.
		AV VAR CST	\$/MWH	86.08	88.70	89.47	92.41	96.55	98.87	102.20
		GENERATION	GW	182.3	139.1	158.6	247.8	231.9	226.6	254.8
		FUEL BURN	000 MBTU	2176.	1660.	1893.	2958.	2768.	2705.	3042.
DARBY	1	CAPACITY FACTOR		0.1309	0.1260	0.1238	0.1249	0.1333	0.1349	0.1363
INDEX #	81	CAPACITY	MW	85.00	85.00	85.00	85.00	85.00	85.00	85.00
		AVG HR	MBTU/MWH	11.76	11.76	11.76	11.76	11.76	11.76	11.76
		VAR O&M CST	\$000	603.	595.	601.	619.	676.	701.	727.
		FIXED COST	\$000	247.	261.	209.	317.	244.	239.	286.
		FUEL COST	\$000	7510.	7379.	7324.	7639.	8527.	8662.	9268.
		AV VAR CST	\$/MWH	83.22	84.96	85.72	88.77	92.75	95.22	98.23
		GENERATION	GW	97.5	93.9	92.4	93.0	99.2	100.4	101.7
		FUEL BURN	000 MBTU	1147.	1104.	1088.	1094.	1167.	1181.	1197.
DARBY	2	CAPACITY FACTOR		0.1224	0.1179	0.1155	0.1164	0.1250	0.1263	0.1278
INDEX #	82	CAPACITY	MW	85.00	85.00	85.00	85.00	85.00	85.00	85.00
		AVG HR	MBTU/MWH	11.77	11.77	11.77	11.76	11.76	11.76	11.76
		VAR O&M CST	\$000	564.	556.	560.	577.	634.	656.	681.
		FIXED COST	\$000	270.	285.	231.	344.	275.	271.	316.
		FUEL COST	\$000	7020.	6898.	6832.	7112.	7994.	8292.	8690.
		AV VAR CST	\$/MWH	83.19	84.93	85.74	88.74	92.72	95.18	98.21
		GENERATION	GW	91.2	87.8	86.2	86.6	93.1	94.0	95.4
		FUEL BURN	000 MBTU	1072.	1033.	1014.	1019.	1095.	1106.	1123.
DARBY	3	CAPACITY FACTOR		0.1142	0.1101	0.1081	0.1086	0.1190	0.1181	0.1197
INDEX #	83	CAPACITY	MW	85.00	85.00	85.00	85.00	85.00	85.00	85.00
		AVG HR	MBTU/MWH	11.77	11.77	11.77	11.77	11.76	11.76	11.76









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RP2TR_KP970	CAPACITY FACTOR	0.5163	0.5529	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 970	CAPACITY	195.00	200.40	200.40	200.40	200.40	200.40	200.40	200.40
	AVG HR	9.67	9.67	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST \$000	6422.	7339.	0.	0.	0.	0.	0.	0.
	FIXED COST \$000	5638.	6657.	0.	0.	0.	0.	0.	0.
	FUEL COST \$000	26502.	30006.	0.	0.	0.	0.	0.	0.
	AV VAR CST \$/MWH	37.33	38.48	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION GWH	882.0	970.6	0.0	0.0	0.0	0.0	0.0	0.0
	FUEL BURN 000 MBTU	8526.	9382.	0.	0.	0.	0.	0.	0.
RP2TR_IM971	CAPACITY FACTOR	0.4706	0.3467	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 971	CAPACITY	1105.00	1105.00	1105.00	1105.00	1105.00	1105.00	1105.00	1105.00
	AVG HR	9.79	9.80	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST \$000	25364.	19177.	0.	0.	0.	0.	0.	0.
	FIXED COST \$000	25825.	44836.	0.	0.	0.	0.	0.	0.
	FUEL COST \$000	138671.	105123.	0.	0.	0.	0.	0.	0.
	AV VAR CST \$/MWH	36.01	37.04	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION GWH	4555.6	3356.0	0.0	0.0	0.0	0.0	0.0	0.0
	FUEL BURN 000 MBTU	44614.	32872.	0.	0.	0.	0.	0.	0.
DUMMY_OP972	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 972	CAPACITY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP973	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 973	CAPACITY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP974	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 974	CAPACITY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP975	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 975	CAPACITY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP976	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 976	CAPACITY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

02/07/13 15:29:34 V04.0 R03.0

NewEnergy Associates  
Strategist Page 77

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

		2018	2019	2020	2021	2022	2023	2024
DUMMY_OP977	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 977	CAPACITY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP978	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 978	CAPACITY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP979	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 979	CAPACITY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP980	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 980	CAPACITY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP981	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 981	CAPACITY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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DUMMY_OP996	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 996	CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP997	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 997	CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
T4 TRONA998	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 998	CAPACITY	MW	500.00	500.00	500.00	500.00	500.00	500.00	500.00
	AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
	FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	FUEL BURN 000	MBTU	0.	0.	0.	0.	0.	0.	0.
DUMMY_OP999	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 999	CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0

02/07/13 15:29:34 V04.0 R03.0

NewEnergy Associates  
Strategist Page 78

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

		2025	2026	2027	2028	2029	2030	2031
AMOS	1 CAPACITY FACTOR	0.7679	0.7130	0.7580	0.7664	0.6655	0.7712	0.7096
INDEX #	1 CAPACITY	MW	790.00	790.00	790.00	790.00	790.00	790.00
	AVG HR	MBTU/MWH	9.68	9.68	9.70	9.69	9.70	9.68
	VAR O&M CST	\$000	18587.	17634.	19167.	19852.	17566.	20785.
	FIXED COST	\$000	41785.	44521.	44557.	46045.	50519.	49690.
	FUEL COST	\$000	201510.	190790.	207825.	214591.	190055.	223965.
	AV VAR CST	\$/MWH	41.42	42.24	43.27	44.08	45.08	45.86
	GENERATION	GWH	5314.1	4934.6	5245.9	5318.7	4605.5	5337.4
	FUEL BURN 000	MBTU	51460.	47753.	50867.	51515.	44668.	51659.
AMOS	2 CAPACITY FACTOR	0.8047	0.8080	0.7962	0.7362	0.7978	0.8087	0.8066
INDEX #	2 CAPACITY	MW	790.00	790.00	790.00	790.00	790.00	790.00
	AVG HR	MBTU/MWH	9.51	9.50	9.51	9.51	9.50	9.50
	VAR O&M CST	\$000	19378.	19882.	20024.	18970.	20946.	21682.
	FIXED COST	\$000	44832.	47695.	50028.	53971.	55121.	57290.
	FUEL COST	\$000	207302.	212317.	214183.	202378.	223493.	230540.
	AV VAR CST	\$/MWH	40.70	41.53	42.51	43.33	44.28	45.07
	GENERATION	GWH	5568.9	5591.8	5509.7	5108.4	5520.8	5596.5
	FUEL BURN 000	MBTU	52936.	53133.	52424.	48582.	52518.	53173.
AMOS_OP	3 CAPACITY FACTOR	0.8172	0.8145	0.7309	0.7345	0.7367	0.8215	0.8240
INDEX #	3 CAPACITY	MW	858.00	858.00	858.00	858.00	858.00	858.00
	AVG HR	MBTU/MWH	9.72	9.72	9.72	9.72	9.72	9.71
	VAR O&M CST	\$000	21506.	21906.	20087.	20685.	21133.	24070.
	FIXED COST	\$000	11659.	12782.	20250.	21292.	22775.	17459.
	FUEL COST	\$000	233787.	237784.	218237.	224174.	228983.	260075.
	AV VAR CST	\$/MWH	41.57	42.42	43.38	44.23	45.17	46.02
	GENERATION	GWH	6142.0	6121.8	5493.7	5535.7	5537.1	6174.3
	FUEL BURN 000	MBTU	59702.	59506.	53421.	53810.	53809.	59988.
BECKJORD	6 CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	4 CAPACITY	MW	53.00	53.00	53.00	53.00	53.00	53.00
	AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.
	FUEL COST	\$000	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0
	FUEL BURN 000	MBTU	0.	0.	0.	0.	0.	0.
BIG SAND	1 CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	5 CAPACITY	MW	278.00	278.00	278.00	278.00	278.00	278.00
	AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.
	FUEL COST	\$000	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0
	FUEL BURN 000	MBTU	0.	0.	0.	0.	0.	0.
BIG SAND	2 CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	6 CAPACITY	MW	800.00	800.00	800.00	800.00	800.00	800.00
	AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.
	FUEL COST	\$000	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0
	FUEL BURN 000	MBTU	0.	0.	0.	0.	0.	0.

4A Output.txt

CARD 1+2	1	CAPACITY FACTOR	0.7822	0.6836	0.7633	0.6857	0.7816	0.6853	0.7660
INDEX #	7	CAPACITY	595.00	595.00	595.00	595.00	595.00	595.00	595.00
		AVG HR	9.28	9.28	9.28	9.28	9.28	9.28	9.28
		VAR O&M CST	16183.	14456.	16495.	15185.	17635.	15797.	18031.
		FIXED COST	80025.	88701.	91611.	93799.	95835.	101129.	99221.
		FUEL COST	115625.	103043.	117268.	107968.	124995.	111912.	127666.
		AV VAR CST	32.33	32.98	33.62	34.36	35.01	35.75	36.49
		GENERATION	4076.7	3562.9	3978.6	3583.7	4073.7	3572.1	3992.4
		FUEL BURN 000	37827.	33064.	36917.	33254.	37803.	33147.	37045.
CARD 1+2	2	CAPACITY FACTOR	0.7535	0.8948	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	8	CAPACITY	595.00	595.00	595.00	595.00	595.00	595.00	595.00
		AVG HR	9.39	9.39	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	15636.	18978.	0.	0.	0.	0.	0.
		FIXED COST	27965.	63032.	0.	0.	0.	0.	0.
		FUEL COST	117941.	143114.	0.	0.	0.	0.	0.
		AV VAR CST	34.01	34.75	0.00	0.00	0.00	0.00	0.00
		GENERATION	3927.3	4663.9	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	36893.	43814.	0.	0.	0.	0.	0.
CARD 3	3	CAPACITY FACTOR	0.7595	0.8066	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	9	CAPACITY	620.00	620.00	620.00	620.00	620.00	620.00	620.00
		AVG HR	10.35	10.36	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	16827.	18263.	0.	0.	0.	0.	0.
		FIXED COST	29470.	67938.	0.	0.	0.	0.	0.
		FUEL COST	136548.	148195.	0.	0.	0.	0.	0.
		AV VAR CST	37.18	38.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	4125.0	4380.6	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	42712.	45366.	0.	0.	0.	0.	0.
CLINCH R	1	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	16	CAPACITY	235.00	235.00	235.00	235.00	235.00	235.00	235.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	0.	0.	0.	0.	0.	0.	0.
		FIXED COST	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	0.	0.	0.	0.	0.	0.	0.
CLINCH R	2	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	17	CAPACITY	235.00	235.00	235.00	235.00	235.00	235.00	235.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	0.	0.	0.	0.	0.	0.	0.
		FIXED COST	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	0.	0.	0.	0.	0.	0.	0.
CLINCH R	3	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	18	CAPACITY	235.00	235.00	235.00	235.00	235.00	235.00	235.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	0.	0.	0.	0.	0.	0.	0.
		FIXED COST	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	0.	0.	0.	0.	0.	0.	0.
ROCKP_KP	1	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	19	CAPACITY	203.40	203.40	203.40	203.40	203.40	203.40	203.40
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	0.	0.	0.	0.	0.	0.	0.
		FIXED COST	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	0.	0.	0.	0.	0.	0.	0.
ROCKP_KP	2	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	20	CAPACITY	200.40	200.40	200.40	200.40	200.40	200.40	200.40
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	0.	0.	0.	0.	0.	0.	0.
		FIXED COST	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	0.	0.	0.	0.	0.	0.	0.
CSVL 1-4	3	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	21	CAPACITY	165.00	165.00	165.00	165.00	165.00	165.00	165.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	0.	0.	0.	0.	0.	0.	0.
		FIXED COST	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	0.	0.	0.	0.	0.	0.	0.
CSVL 1-4	4	CAPACITY FACTOR	0.7899	0.7411	0.7934	0.7918	0.7478	0.8007	0.8032
INDEX #	22	CAPACITY	337.00	337.00	337.00	337.00	337.00	337.00	337.00
		AVG HR	9.81	9.81	9.80	9.81	9.80	9.80	9.79
		VAR O&M CST	10183.	9764.	10679.	10921.	10506.	11488.	11768.
		FIXED COST	40745.	44073.	45874.	48302.	51332.	53125.	54135.
		FUEL COST	87737.	84045.	91768.	93696.	90147.	98314.	100691.
		AV VAR CST	41.99	42.88	43.74	44.63	45.59	46.45	47.43

GENERATION GWH 2331.8 2187.8 2342.2 2343.9 2207.5 2363.6 2371.1  
 FUEL BURN 000 MBTU 22871. 21462. 22964. 22988. 21640. 23155. 23224.  
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 4A Output.txt  
 NewEnergy Associates  
 Strategist Page 79

AEP EAST  
 GENERATION AND FUEL MODULE  
 UNIT REPORT

		2025	2026	2027	2028	2029	2030	2031
CSVL 5+6	5 CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	23 CAPACITY MW	400.00	400.00	400.00	400.00	400.00	400.00	400.00
	AVG HR MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
	FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	FUEL BURN 000 MBTU	0.	0.	0.	0.	0.	0.	0.
CSVL 5+6	6 CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	24 CAPACITY MW	400.00	400.00	400.00	400.00	400.00	400.00	400.00
	AVG HR MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
	FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	FUEL BURN 000 MBTU	0.	0.	0.	0.	0.	0.	0.
D C COOK	1 CAPACITY FACTOR	0.8485	0.8510	0.9261	0.8480	0.8515	0.9261	0.8484
INDEX #	25 CAPACITY MW	1084.00	1084.00	1084.00	1084.00	1084.00	1084.00	1084.00
	AVG HR MBTU/MWH	10.84	10.84	10.84	10.84	10.84	10.84	10.84
	VAR O&M CST \$000	57175.	59064.	66208.	62612.	64582.	72348.	68261.
	FIXED COST \$000	289181.	304436.	314490.	336183.	352363.	362786.	375510.
	FUEL COST \$000	75550.	77878.	86832.	82437.	84676.	94144.	89965.
	AV VAR CST \$/MWH	16.47	16.95	17.40	17.96	18.46	18.93	19.52
	GENERATION GWH	8056.9	8080.7	8794.3	8074.4	8085.8	8794.3	8055.8
	FUEL BURN 000 MBTU	87369.	87628.	95365.	87559.	87683.	95366.	87357.
D C COOK	2 CAPACITY FACTOR	0.8593	0.9370	0.8589	0.8599	0.9370	0.8592	0.8593
INDEX #	26 CAPACITY MW	1107.00	1107.00	1107.00	1107.00	1107.00	1107.00	1107.00
	AVG HR MBTU/MWH	10.97	10.97	10.97	10.97	10.97	10.97	10.97
	VAR O&M CST \$000	59134.	66416.	62707.	64837.	72575.	68546.	70607.
	FIXED COST \$000	289699.	299490.	321183.	337070.	347402.	370470.	376835.
	FUEL COST \$000	76537.	84387.	79207.	81263.	90207.	84575.	86325.
	AV VAR CST \$/MWH	16.28	16.60	17.04	17.47	17.91	18.38	18.83
	GENERATION GWH	8333.0	9086.5	8329.3	8361.3	9086.6	8332.2	8332.8
	FUEL BURN 000 MBTU	91413.	99679.	91372.	91723.	99679.	91404.	91411.
GAVIN	1 CAPACITY FACTOR	0.8814	0.8278	0.8791	0.8096	0.8800	0.8289	0.8810
INDEX #	27 CAPACITY MW	1320.00	1320.00	1320.00	1320.00	1320.00	1320.00	1320.00
	AVG HR MBTU/MWH	9.81	9.81	9.81	9.81	9.81	9.81	9.81
	VAR O&M CST \$000	22204.	21308.	23115.	21811.	24148.	23232.	25212.
	FIXED COST \$000	5500.	13097.	9780.	19118.	13958.	22009.	16808.
	FUEL COST \$000	317456.	304738.	330562.	311760.	344884.	331458.	359251.
	AV VAR CST \$/MWH	33.33	34.06	34.79	35.54	36.27	37.00	37.74
	GENERATION GWH	10191.3	9571.5	10164.7	9387.1	10175.6	9585.2	10187.7
	FUEL BURN 000 MBTU	99939.	93863.	99678.	92056.	99785.	93994.	99901.
GAVIN	2 CAPACITY FACTOR	0.7072	0.9038	0.8480	0.9022	0.8314	0.9058	0.8002
INDEX #	28 CAPACITY MW	1320.00	1320.00	1320.00	1320.00	1320.00	1320.00	1320.00
	AVG HR MBTU/MWH	9.83	9.82	9.83	9.82	9.83	9.82	9.82
	VAR O&M CST \$000	17829.	23282.	22314.	24322.	22831.	25402.	22917.
	FIXED COST \$000	92703.	92388.	98347.	101773.	108560.	111424.	117428.
	FUEL COST \$000	255200.	333352.	319469.	348038.	326440.	362836.	326937.
	AV VAR CST \$/MWH	33.39	34.12	34.86	35.60	36.33	37.07	37.81
	GENERATION GWH	8177.0	10451.1	9805.5	10461.0	9614.2	10473.7	9253.4
	FUEL BURN 000 MBTU	80341.	102682.	96342.	102778.	94460.	102899.	90905.
GLEN LYN	5 CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	29 CAPACITY MW	95.00	95.00	95.00	95.00	95.00	95.00	95.00
	AVG HR MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
	FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	FUEL BURN 000 MBTU	0.	0.	0.	0.	0.	0.	0.
GLEN LYN	6 CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	30 CAPACITY MW	240.00	240.00	240.00	240.00	240.00	240.00	240.00
	AVG HR MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
	FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	FUEL BURN 000 MBTU	0.	0.	0.	0.	0.	0.	0.
KAMMER	1 CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	33 CAPACITY MW	210.00	210.00	210.00	210.00	210.00	210.00	210.00
	AVG HR MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
	FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00



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		GENERATION	GW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000	MBTU	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	2	CAPACITY FACTOR			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	34	CAPACITY	MW		210.00	210.00	210.00	210.00	210.00	210.00
		AVG HR	MBTU/MWH		0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000		0.0	0.0	0.0	0.0	0.0	0.0
		FIXED COST	\$000		0.0	0.0	0.0	0.0	0.0	0.0
		FUEL COST	\$000		0.0	0.0	0.0	0.0	0.0	0.0
		AV VAR CST	\$/MWH		0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW		0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000	MBTU	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	3	CAPACITY FACTOR			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	35	CAPACITY	MW		210.00	210.00	210.00	210.00	210.00	210.00
		AVG HR	MBTU/MWH		0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000		0.0	0.0	0.0	0.0	0.0	0.0
		FIXED COST	\$000		0.0	0.0	0.0	0.0	0.0	0.0
		FUEL COST	\$000		0.0	0.0	0.0	0.0	0.0	0.0
		AV VAR CST	\$/MWH		0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW		0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000	MBTU	0.0	0.0	0.0	0.0	0.0	0.0
KANAWHA	1	CAPACITY FACTOR			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	36	CAPACITY	MW		200.00	200.00	200.00	200.00	200.00	200.00
		AVG HR	MBTU/MWH		0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000		0.0	0.0	0.0	0.0	0.0	0.0
		FIXED COST	\$000		0.0	0.0	0.0	0.0	0.0	0.0
		FUEL COST	\$000		0.0	0.0	0.0	0.0	0.0	0.0
		AV VAR CST	\$/MWH		0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW		0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000	MBTU	0.0	0.0	0.0	0.0	0.0	0.0
KANAWHA	2	CAPACITY FACTOR			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	37	CAPACITY	MW		200.00	200.00	200.00	200.00	200.00	200.00
		AVG HR	MBTU/MWH		0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000		0.0	0.0	0.0	0.0	0.0	0.0
		FIXED COST	\$000		0.0	0.0	0.0	0.0	0.0	0.0
		FUEL COST	\$000		0.0	0.0	0.0	0.0	0.0	0.0
		AV VAR CST	\$/MWH		0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW		0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000	MBTU	0.0	0.0	0.0	0.0	0.0	0.0
MITCHELL	1	CAPACITY FACTOR			0.7950	0.7285	0.8252	0.8220	0.7289	0.8290
INDEX #	43	CAPACITY	MW		614.00	614.00	614.00	614.00	614.00	614.00
		AVG HR	MBTU/MWH		10.08	10.08	10.09	10.09	10.08	10.08
		VAR O&M CST	\$000		8555.	8011.	9272.	9465.	8549.	9929.
		FIXED COST	\$000		77953.	81684.	84596.	88230.	92865.	95741.
		FUEL COST	\$000		159771.	150344.	174399.	178764.	162337.	189068.
		AV VAR CST	\$/MWH		39.36	40.41	41.38	42.46	43.59	44.63
		GENERATION	GW		4276.1	3918.5	4438.3	4433.6	3920.7	4458.7
		FUEL BURN	000	MBTU	43106.	39501.	44763.	44736.	39537.	44957.
MITCHELL	2	CAPACITY FACTOR			0.7387	0.8396	0.8359	0.7373	0.8373	0.8386
INDEX #	44	CAPACITY	MW		634.00	634.00	634.00	634.00	634.00	634.00
		AVG HR	MBTU/MWH		9.62	9.62	9.62	9.62	9.62	9.62
		VAR O&M CST	\$000		8084.	9392.	9554.	8635.	9990.	10218.
		FIXED COST	\$000		61219.	62201.	63818.	66627.	67458.	69316.
		FUEL COST	\$000		146188.	170722.	174034.	157875.	183737.	188440.
		AV VAR CST	\$/MWH		37.61	38.62	39.55	40.55	41.66	42.66
		GENERATION	GW		4102.4	4663.2	4642.3	4106.2	4650.4	4657.2
		FUEL BURN	000	MBTU	39446.	44855.	44674.	39508.	44751.	44810.
MOUNT ER	1	CAPACITY FACTOR			0.8770	0.6689	0.8933	0.8415	0.8942	0.8445
INDEX #	45	CAPACITY	MW		1314.00	1314.00	1314.00	1314.00	1314.00	1314.00
		AVG HR	MBTU/MWH		9.59	9.59	9.59	9.59	9.59	9.59
		VAR O&M CST	\$000		36970.	28840.	39370.	38027.	41188.	39749.
		FIXED COST	\$000		69203.	91234.	73540.	81343.	79761.	88079.
		FUEL COST	\$000		301629.	235231.	320042.	308829.	334139.	322065.
		AV VAR CST	\$/MWH		33.54	34.30	34.95	35.71	36.46	37.22
		GENERATION	GW		10094.8	7699.8	10282.7	9713.2	10293.1	9720.6
		FUEL BURN	000	MBTU	96778.	73810.	98583.	93123.	98674.	93185.

02/07/13 15:29:34 V04.0 R03.0

NewEnergy Associates  
Strategist Page 80

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

		2025 2026 2027 2028 2029 2030 2031									
MUSK RVR	1	CAPACITY FACTOR			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	46	CAPACITY	MW		205.00	205.00	205.00	205.00	205.00	205.00	205.00
		AVG HR	MBTU/MWH		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000		0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FIXED COST	\$000		0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL COST	\$000		0.0	0.0	0.0	0.0	0.0	0.0	0.0
		AV VAR CST	\$/MWH		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW		0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000	MBTU	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	2	CAPACITY FACTOR			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	47	CAPACITY	MW		205.00	205.00	205.00	205.00	205.00	205.00	205.00
		AVG HR	MBTU/MWH		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000		0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FIXED COST	\$000		0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL COST	\$000		0.0	0.0	0.0	0.0	0.0	0.0	0.0
		AV VAR CST	\$/MWH		0.00	0.00	0.00	0.00	0.00	0.00	0.00



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		FUEL COST	\$000	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000 MBTU	0.	0.	0.	0.	0.	0.
ROCKP	IM 2	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	59	CAPACITY	MW	1105.00	1105.00	1105.00	1105.00	1105.00	1105.00
		AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000 MBTU	0.	0.	0.	0.	0.	0.
STUART	1	CAPACITY FACTOR		0.7423	0.8809	0.8253	0.8273	0.8808	0.8273
INDEX #	61	CAPACITY	MW	150.00	150.00	150.00	150.00	150.00	150.00
		AVG HR	MBTU/MWH	9.49	9.49	9.49	9.49	9.49	9.49
		VAR O&M CST	\$000	3381.	4101.	3926.	4033.	4375.	4198.
		FIXED COST	\$000	17701.	17996.	18994.	19793.	20365.	21474.
		FUEL COST	\$000	31613.	38400.	36698.	37603.	40809.	39149.
		AV VAR CST	\$/MWH	35.88	36.72	37.46	38.19	39.04	39.87
		GENERATION	GWH	975.4	1157.5	1084.4	1090.1	1157.4	1087.1
		FUEL BURN	000 MBTU	9253.	10984.	10290.	10342.	10982.	10313.
STUART	2	CAPACITY FACTOR		0.8857	0.8297	0.8306	0.8868	0.8302	0.8320
INDEX #	62	CAPACITY	MW	150.00	150.00	150.00	150.00	150.00	150.00
		AVG HR	MBTU/MWH	9.61	9.61	9.61	9.61	9.61	9.61
		VAR O&M CST	\$000	4046.	3874.	3962.	4335.	4136.	4234.
		FIXED COST	\$000	17025.	18129.	18886.	19404.	20477.	21324.
		FUEL COST	\$000	38222.	36645.	37408.	40835.	38967.	39879.
		AV VAR CST	\$/MWH	36.32	37.17	37.91	38.66	39.51	40.35
		GENERATION	GWH	1163.8	1090.2	1091.4	1168.4	1090.8	1093.2
		FUEL BURN	000 MBTU	11189.	10481.	10490.	11231.	10486.	10506.
STUART	3	CAPACITY FACTOR		0.8701	0.8149	0.8117	0.8655	0.8148	0.8186
INDEX #	63	CAPACITY	MW	150.00	150.00	150.00	150.00	150.00	150.00
		AVG HR	MBTU/MWH	9.53	9.53	9.53	9.53	9.53	9.52
		VAR O&M CST	\$000	3966.	3797.	3865.	4223.	4051.	4157.
		FIXED COST	\$000	17218.	18324.	19077.	19629.	20701.	21560.
		FUEL COST	\$000	37206.	35665.	36239.	39509.	37903.	38884.
		AV VAR CST	\$/MWH	36.01	36.85	37.60	38.35	39.18	40.02
		GENERATION	GWH	1143.3	1070.8	1066.6	1140.4	1070.7	1075.6
		FUEL BURN	000 MBTU	10891.	10201.	10162.	10866.	10200.	10244.

02/07/13 15:29:35 V04.0 R03.0

NewEnergy Associates  
Strategist Page 81

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

		2025 2026 2027 2028 2029 2030 2031								
STUART	4	CAPACITY FACTOR		0.8773	0.8221	0.8200	0.8743	0.8212	0.8231	0.8779
INDEX #	64	CAPACITY	MW	150.00	150.00	150.00	150.00	150.00	150.00	150.00
		AVG HR	MBTU/MWH	9.66	9.66	9.66	9.66	9.66	9.66	9.66
		VAR O&M CST	\$000	4012.	3843.	3917.	4280.	4096.	4193.	4568.
		FIXED COST	\$000	17138.	18240.	19007.	19567.	20630.	21491.	21042.
		FUEL COST	\$000	38049.	36491.	37135.	40483.	38749.	39662.	43193.
		AV VAR CST	\$/MWH	36.49	37.34	38.10	38.86	39.70	40.55	41.40
		GENERATION	GWH	1152.7	1080.2	1077.5	1152.0	1079.1	1081.6	1153.5
		FUEL BURN	000 MBTU	11138.	10437.	10413.	11134.	10427.	10449.	11144.
AMOS AP	3	CAPACITY FACTOR		0.7444	0.7471	0.6637	0.6733	0.6665	0.7461	0.7464
INDEX #	65	CAPACITY	MW	429.00	429.00	429.00	429.00	429.00	429.00	429.00
		AVG HR	MBTU/MWH	9.79	9.78	9.80	9.79	9.79	9.79	9.79
		VAR O&M CST	\$000	9816.	10066.	9140.	9499.	9582.	10953.	11190.
		FIXED COST	\$000	88626.	91235.	94154.	97080.	100016.	103067.	103194.
		FUEL COST	\$000	107254.	109779.	99834.	103441.	104400.	118978.	121473.
		AV VAR CST	\$/MWH	41.85	42.69	43.69	44.51	45.50	46.34	47.30
		GENERATION	GWH	2797.6	2807.6	2494.3	2537.3	2504.9	2803.7	2804.9
		FUEL BURN	000 MBTU	27389.	27472.	24437.	24830.	24532.	27443.	27448.
TANN 1-3	1	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	66	CAPACITY	MW	145.00	145.00	145.00	145.00	145.00	145.00	145.00
		AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000 MBTU	0.	0.	0.	0.	0.	0.	0.
TANN 1-3	2	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	67	CAPACITY	MW	145.00	145.00	145.00	145.00	145.00	145.00	145.00
		AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000 MBTU	0.	0.	0.	0.	0.	0.	0.
TANN 1-3	3	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	68	CAPACITY	MW	205.00	205.00	205.00	205.00	205.00	205.00	205.00
		AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.



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		11.76	11.76	11.76	11.76	11.76	11.76	11.76	11.76
	AVG HR	11.76	11.76	11.76	11.76	11.76	11.76	11.76	11.76
	VAR O&M CST \$000	605.	702.	677.	690.	694.	721.	736.	
	FIXED COST \$000	347.	387.	399.	386.	460.	446.	513.	
	FUEL COST \$000	7795.	8946.	8627.	8801.	8863.	9132.	9275.	
	AV VAR CST \$/MWH	101.43	102.69	105.02	107.46	109.86	111.49	113.37	
	GENERATION GWH	82.8	94.0	88.6	88.3	87.0	88.4	88.3	
	FUEL BURN 000 MBTU	974.	1105.	1042.	1039.	1024.	1040.	1039.	
DARBY	3 CAPACITY FACTOR	0.1023	0.1180	0.1108	0.1101	0.1091	0.1115	0.1106	
INDEX # 83	CAPACITY MW	85.00	85.00	85.00	85.00	85.00	85.00	85.00	
	AVG HR	11.76	11.76	11.76	11.76	11.76	11.76	11.76	
	VAR O&M CST \$000	557.	656.	630.	642.	648.	677.	686.	
	FIXED COST \$000	393.	418.	431.	420.	492.	477.	545.	
	FUEL COST \$000	7160.	8365.	8030.	8190.	8271.	8581.	8647.	
	AV VAR CST \$/MWH	101.26	102.66	104.98	107.42	109.82	111.48	113.33	
	GENERATION GWH	76.2	87.9	82.5	82.2	81.2	83.1	82.3	
	FUEL BURN 000 MBTU	896.	1034.	970.	967.	955.	977.	969.	

02/07/13 15:29:35 V04.0 R03.0

NewEnergy Associates  
Strategist Page 82

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

		2025	2026	2027	2028	2029	2030	2031
DARBY	4 CAPACITY FACTOR	0.1130	0.1103	0.1032	0.1025	0.1019	0.1058	0.1033
INDEX # 84	CAPACITY MW	85.00	85.00	85.00	85.00	85.00	85.00	85.00
	AVG HR	11.76	11.76	11.76	11.76	11.76	11.77	11.77
	VAR O&M CST \$000	614.	614.	587.	598.	605.	643.	641.
	FIXED COST \$000	369.	446.	459.	451.	520.	505.	574.
	FUEL COST \$000	7891.	7818.	7477.	7621.	7724.	8139.	8077.
	AV VAR CST \$/MWH	101.13	102.64	104.95	107.38	109.79	111.43	113.31
	GENERATION GWH	84.1	82.1	76.8	76.5	75.9	78.8	76.9
	FUEL BURN 000 MBTU	989.	966.	904.	900.	893.	927.	905.
DARBY	5 CAPACITY FACTOR	0.1055	0.1030	0.0959	0.0953	0.0949	0.0840	0.0962
INDEX # 85	CAPACITY MW	85.00	85.00	85.00	85.00	85.00	85.00	85.00
	AVG HR	11.76	11.76	11.77	11.77	11.76	11.76	11.77
	VAR O&M CST \$000	574.	573.	545.	556.	564.	510.	597.
	FIXED COST \$000	397.	472.	487.	480.	547.	574.	602.
	FUEL COST \$000	7365.	7298.	6948.	7086.	7195.	6459.	7517.
	AV VAR CST \$/MWH	101.10	102.61	104.92	107.35	109.76	111.42	113.28
	GENERATION GWH	78.5	76.7	71.4	71.2	70.7	62.6	71.6
	FUEL BURN 000 MBTU	924.	902.	840.	837.	832.	736.	843.
DARBY	6 CAPACITY FACTOR	0.0845	0.0827	0.0773	0.0767	0.0773	0.0789	0.0791
INDEX # 86	CAPACITY MW	85.00	85.00	85.00	85.00	85.00	85.00	85.00
	AVG HR	11.76	11.76	11.76	11.76	11.76	11.76	11.77
	VAR O&M CST \$000	459.	460.	440.	447.	459.	479.	490.
	FIXED COST \$000	451.	526.	536.	534.	594.	597.	648.
	FUEL COST \$000	5906.	5862.	5605.	5704.	5858.	6061.	6179.
	AV VAR CST \$/MWH	101.18	102.67	104.99	107.41	109.83	111.38	113.31
	GENERATION GWH	62.9	61.6	57.6	57.3	57.5	58.7	58.9
	FUEL BURN 000 MBTU	740.	724.	677.	674.	677.	691.	693.
LWBG WIN	1 CAPACITY FACTOR	0.2540	0.2487	0.2474	0.2475	0.2464	0.2487	0.2511
INDEX # 87	CAPACITY MW	593.00	593.00	593.00	593.00	593.00	593.00	593.00
	AVG HR	7.10	7.10	7.10	7.10	7.10	7.10	7.10
	VAR O&M CST \$000	6896.	6907.	7024.	7204.	7311.	7541.	7780.
	FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
	FUEL COST \$000	75620.	75134.	76498.	78467.	79550.	81493.	83761.
	AV VAR CST \$/MWH	62.55	63.50	64.99	66.46	67.86	68.92	70.17
	GENERATION GWH	1319.2	1292.1	1285.2	1289.1	1279.9	1291.9	1304.6
	FUEL BURN 000 MBTU	9366.	9174.	9123.	9150.	9086.	9172.	9262.
LWBG WIN	2 CAPACITY FACTOR	0.3327	0.3228	0.3270	0.3284	0.3267	0.3285	0.3317
INDEX # 88	CAPACITY MW	593.00	593.00	593.00	593.00	593.00	593.00	593.00
	AVG HR	7.08	7.08	7.08	7.08	7.08	7.08	7.08
	VAR O&M CST \$000	8722.	8653.	8963.	9228.	9358.	9616.	9919.
	FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
	FUEL COST \$000	98907.	97347.	100941.	103913.	105286.	107451.	110407.
	AV VAR CST \$/MWH	62.27	63.21	64.69	66.14	67.55	68.60	69.83
	GENERATION GWH	1728.5	1676.9	1698.9	1710.5	1697.1	1706.6	1723.2
	FUEL BURN 000 MBTU	12237.	11875.	12026.	12107.	12014.	12082.	12199.
LWBG SMR	1 CAPACITY FACTOR	0.1196	0.1186	0.1208	0.1220	0.1205	0.1240	0.1258
INDEX # 89	CAPACITY MW	593.00	593.00	593.00	593.00	593.00	593.00	593.00
	AVG HR	7.09	7.09	7.09	7.09	7.09	7.09	7.09
	VAR O&M CST \$000	3246.	3292.	3430.	3551.	3575.	3759.	3897.
	FIXED COST \$000	-1251.	-1195.	-1478.	-1558.	-1498.	-1537.	-1630.
	FUEL COST \$000	34542.	34739.	36257.	37545.	37824.	39486.	40829.
	AV VAR CST \$/MWH	60.85	61.75	63.24	64.67	66.15	67.15	68.43
	GENERATION GWH	621.0	615.9	627.6	635.4	625.8	644.0	653.6
	FUEL BURN 000 MBTU	4402.	4366.	4448.	4504.	4435.	4564.	4632.
LWBG SMR	2 CAPACITY FACTOR	0.1345	0.1329	0.1366	0.1378	0.1368	0.1403	0.1423
INDEX # 90	CAPACITY MW	593.00	593.00	593.00	593.00	593.00	593.00	593.00
	AVG HR	7.08	7.08	7.08	7.08	7.08	7.08	7.08
	VAR O&M CST \$000	3525.	3564.	3743.	3873.	3920.	4106.	4256.
	FIXED COST \$000	-1526.	-1499.	-1788.	-1878.	-1850.	-1893.	-1997.
	FUEL COST \$000	38804.	38903.	40942.	42370.	42905.	44628.	46122.
	AV VAR CST \$/MWH	60.60	61.49	62.98	64.41	65.87	66.87	68.14
	GENERATION GWH	698.5	690.6	709.5	718.0	710.9	728.6	739.3
	FUEL BURN 000 MBTU	4945.	4889.	5023.	5083.	5031.	5158.	5233.
WATR CC	1 CAPACITY FACTOR	0.1601	0.1584	0.1529	0.1519	0.1530	0.1562	0.1574
INDEX # 91	CAPACITY MW	840.00	840.00	840.00	840.00	840.00	840.00	840.00

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		AVG HR	7.32	7.32	7.32	7.32	7.32	7.32	7.32
		VAR O&M CST \$000	5879.	5948.	5872.	5980.	6139.	6405.	6592.
		FIXED COST \$000	-1400.	-1018.	-1138.	-948.	-1014.	-1083.	-1245.
		FUEL COST \$000	69978.	70237.	69412.	70732.	72526.	75078.	77003.
		AV VAR CST \$/MWH	64.39	65.37	66.89	68.44	69.87	70.89	72.19
		GENERATION GWH	1178.0	1165.5	1125.4	1120.9	1125.8	1149.4	1158.0
		FUEL BURN 000 MBTU	8620.	8528.	8236.	8204.	8239.	8411.	8475.
WATR2	1	CAPACITY FACTOR	0.1011	0.1007	0.1018	0.1028	0.1006	0.1038	0.1055
INDEX #	92	CAPACITY MW	840.00	840.00	840.00	840.00	840.00	840.00	840.00
		AVG HR	7.29	7.29	7.29	7.29	7.29	7.29	7.29
		VAR O&M CST \$000	3713.	3783.	3907.	4047.	4038.	4255.	4418.
		FIXED COST \$000	-1006.	-707.	-1070.	-1067.	-868.	-813.	-972.
		FUEL COST \$000	42764.	43217.	44688.	46308.	46247.	48403.	50078.
		AV VAR CST \$/MWH	62.47	63.40	64.89	66.38	67.91	68.95	70.21
		GENERATION GWH	744.0	741.3	748.8	758.6	740.5	763.7	776.2
		FUEL BURN 000 MBTU	5422.	5402.	5457.	5528.	5396.	5565.	5656.
DRESDEN	1	CAPACITY FACTOR	0.4134	0.4169	0.4041	0.4213	0.4182	0.4162	0.4167
INDEX #	93	CAPACITY MW	625.00	625.00	625.00	625.00	625.00	625.00	625.00
		AVG HR	7.53	7.53	7.53	7.53	7.53	7.53	7.53
		VAR O&M CST \$000	8045.	8297.	8222.	8790.	8893.	9043.	9250.
		FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST \$000	144379.	147597.	146436.	156430.	158152.	159607.	162522.
		AV VAR CST \$/MWH	67.35	68.30	69.91	71.43	72.96	74.02	75.30
		GENERATION GWH	2263.2	2282.6	2212.3	2313.0	2289.7	2278.4	2281.3
		DUMP ENERGY GWH	0.0	0.0	0.3	0.2	0.1	0.0	0.0
		FUEL BURN 000 MBTU	17038.	17180.	16650.	17423.	17251.	17162.	17176.
DRESD2	1	CAPACITY FACTOR	0.1409	0.1460	0.1409	0.1411	0.1407	0.1419	0.1427
INDEX #	94	CAPACITY MW	625.00	625.00	625.00	625.00	625.00	625.00	625.00
		AVG HR	7.36	7.39	7.37	7.36	7.37	7.36	7.35
		VAR O&M CST \$000	2742.	2905.	2868.	2943.	2992.	3084.	3167.
		FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST \$000	46637.	49158.	48455.	49696.	50546.	51651.	52808.
		AV VAR CST \$/MWH	64.01	65.15	66.51	67.97	69.49	70.45	71.66
		GENERATION GWH	771.5	799.1	771.6	774.4	770.4	777.0	781.1
		FUEL BURN 000 MBTU	5680.	5905.	5683.	5702.	5676.	5716.	5742.
BS_BF50	954	CAPACITY FACTOR	0.0000	0.5588	0.5646	0.5602	0.5626	0.5678	0.5736
INDEX #	954	CAPACITY MW	381.00	381.00	381.00	381.00	381.00	381.00	381.00
		AVG HR	0.00	6.80	6.80	6.80	6.80	6.81	6.80
		VAR O&M CST \$000	0.	7090.	7325.	7452.	7628.	7867.	8119.
		FIXED COST \$000	0.	31803.	31803.	31803.	31803.	31803.	31803.
		FUEL COST \$000	0.	94630.	97818.	99519.	101889.	104449.	107574.
		AV VAR CST \$/MWH	0.00	54.54	55.79	57.05	58.32	59.26	60.43
		GENERATION GWH	0.0	1865.0	1884.5	1874.9	1877.7	1895.2	1914.6
		FUEL BURN 000 MBTU	0.	12686.	12818.	12757.	12774.	12898.	13017.
CT_KPCCO	955	CAPACITY FACTOR	0.1571	0.1616	0.1603	0.1599	0.1595	0.1615	0.1635
INDEX #	955	CAPACITY MW	85.00	85.00	85.00	85.00	85.00	85.00	85.00
		AVG HR	12.16	12.17	12.16	12.16	12.16	12.17	12.17
		VAR O&M CST \$000	1415.	1488.	1509.	1543.	1570.	1624.	1680.
		FIXED COST \$000	1090.	1121.	1152.	1184.	1217.	1251.	1286.
		FUEL COST \$000	11374.	11878.	12059.	12333.	12544.	12878.	13275.
		AV VAR CST \$/MWH	109.30	111.09	113.70	116.26	118.85	120.63	122.85
		GENERATION GWH	117.0	120.3	119.3	119.4	118.8	120.2	121.7
		FUEL BURN 000 MBTU	1423.	1464.	1452.	1452.	1445.	1462.	1481.
CT_KPCCO	956	CAPACITY FACTOR	0.0999	0.1107	0.1092	0.1100	0.1099	0.1115	0.1133
INDEX #	956	CAPACITY MW	85.00	85.00	85.00	85.00	85.00	85.00	85.00
		AVG HR	12.16	12.16	12.17	12.16	12.16	12.16	12.16
		VAR O&M CST \$000	900.	1019.	1029.	1062.	1082.	1121.	1164.
		FIXED COST \$000	1090.	1121.	1152.	1184.	1217.	1251.	1286.
		FUEL COST \$000	7225.	8134.	8220.	8490.	8648.	8894.	9197.
		AV VAR CST \$/MWH	109.19	111.09	113.71	116.27	118.88	120.63	122.87
		GENERATION GWH	74.4	82.4	81.3	82.2	81.8	83.0	84.3
		FUEL BURN 000 MBTU	905.	1002.	989.	999.	996.	1010.	1026.
CT_KPCCO	957	CAPACITY FACTOR	0.0591	0.0701	0.0687	0.0705	0.0702	0.0715	0.0732
INDEX #	957	CAPACITY MW	85.00	85.00	85.00	85.00	85.00	85.00	85.00
		AVG HR	12.16	12.16	12.16	12.16	12.16	12.16	12.17
		VAR O&M CST \$000	532.	646.	647.	681.	691.	719.	752.
		FIXED COST \$000	1090.	1121.	1152.	1184.	1217.	1251.	1286.
		FUEL COST \$000	4269.	5154.	5172.	5441.	5527.	5703.	5947.
		AV VAR CST \$/MWH	109.09	111.11	113.75	116.29	118.94	120.65	122.90
		GENERATION GWH	44.0	52.2	51.2	52.6	52.3	53.2	54.5
		FUEL BURN 000 MBTU	535.	635.	622.	640.	636.	647.	663.
CT_KPCCO	958	CAPACITY FACTOR	0.0326	0.0408	0.0397	0.0419	0.0413	0.0422	0.0439
INDEX #	958	CAPACITY MW	85.00	85.00	85.00	85.00	85.00	85.00	85.00
		AVG HR	12.16	12.16	12.16	12.17	12.16	12.16	12.16
		VAR O&M CST \$000	294.	376.	374.	405.	406.	424.	451.
		FIXED COST \$000	1090.	1121.	1152.	1184.	1217.	1251.	1286.
		FUEL COST \$000	2352.	3002.	2993.	3235.	3254.	3364.	3572.
		AV VAR CST \$/MWH	109.02	111.16	113.82	116.33	119.04	120.70	122.96
		GENERATION GWH	24.3	30.4	29.6	31.3	30.7	31.4	32.7
		FUEL BURN 000 MBTU	295.	370.	360.	381.	374.	382.	398.

02/07/13 15:29:35 V04.0 R03.0 NewEnergy Associates Strategist Page 83

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

	2025	2026	2027	2028	2029	2030	2031
CC_KPCCO 959 CAPACITY FACTOR	0.3547	0.3061	0.3027	0.3030	0.2990	0.3064	0.3069



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MR5 NGCC969	CAPACITY FACTOR		0.5170	0.5176	0.5145	0.5139	0.5138	0.5162	0.5169
INDEX # 969	CAPACITY	MW	510.00	510.00	510.00	510.00	510.00	510.00	510.00
	AVG HR	MBTU/MWH	11.24	11.24	11.25	11.25	11.25	11.25	11.24
	VAR O&M CST	\$000	12628.	12925.	13132.	13446.	13700.	14061.	14382.
	FIXED COST	\$000	55524.	55524.	55524.	55524.	55524.	55524.	55524.
	FUEL COST	\$000	206717.	210314.	213877.	218670.	223196.	226928.	230050.
	AV VAR CST	\$/MWH	94.97	96.53	98.77	100.83	103.21	104.50	105.85
	GENERATION	GWH	2309.7	2312.6	2298.4	2302.1	2295.3	2306.1	2309.3
	DUMP ENERGY	GWH	9.3	13.4	6.2	9.1	9.8	5.8	3.2
	FUEL BURN 000	MBTU	25970.	25997.	25862.	25909.	25833.	25935.	25965.
RP2TR_KP970	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 970	CAPACITY	MW	200.40	200.40	200.40	200.40	200.40	200.40	200.40
	AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
	FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	FUEL BURN 000	MBTU	0.	0.	0.	0.	0.	0.	0.
RP2TR_IM971	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 971	CAPACITY	MW	1105.00	1105.00	1105.00	1105.00	1105.00	1105.00	1105.00
	AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
	FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	FUEL BURN 000	MBTU	0.	0.	0.	0.	0.	0.	0.
DUMMY_OP972	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 972	CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP973	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 973	CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP974	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 974	CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP975	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 975	CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0

‡ 02/07/13 15:29:35 V04.0 R03.0

NewEnergy Associates  
Strategist Page 84

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

			2025	2026	2027	2028	2029	2030	2031
DUMMY_OP976	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 976	CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP977	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 977	CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP978	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 978	CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP979	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 979	CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP980	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 980	CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00





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	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_KP995	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 995	CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP996	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 996	CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP997	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 997	CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
T4_TRONA998	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 998	CAPACITY	MW	500.00	500.00	500.00	500.00	500.00	500.00	500.00
	AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
	FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	FUEL BURN 000	MBTU	0.	0.	0.	0.	0.	0.	0.

‡ 02/07/13 15:29:35 V04.0 R03.0

NewEnergy Associates  
Strategist Page 85

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

		2025	2026	2027	2028	2029	2030	2031
DUMMY_OP999	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 999	CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0

‡ 02/07/13 15:29:35 V04.0 R03.0

NewEnergy Associates  
Strategist Page 86

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

		2032	2033	2034	2035	2036	2037	2038
AMOS	1 CAPACITY FACTOR	0.7702	0.7712	0.6734	0.7712	0.7163	0.7594	0.7760
INDEX #	1 CAPACITY	MW	790.00	790.00	790.00	790.00	790.00	790.00
	AVG HR	MBTU/MWH	9.68	9.68	9.69	9.68	9.69	9.67
	VAR O&M CST	\$000	21706.	22135.	19740.	23087.	23725.	24747.
	FIXED COST	\$000	47148.	45519.	46379.	39686.	33710.	33128.
	FUEL COST	\$000	233622.	237903.	212355.	247674.	234720.	253910.
	AV VAR CST	\$/MWH	47.77	48.72	49.81	50.73	51.64	52.83
	GENERATION	GWH	5344.7	5337.3	4659.9	5337.1	4970.7	5255.2
	FUEL BURN 000	MBTU	51741.	51661.	45141.	51654.	48057.	50939.
AMOS	2 CAPACITY FACTOR	0.8053	0.7433	0.8025	0.8096	0.8154	0.7993	0.8129
INDEX #	2 CAPACITY	MW	790.00	790.00	790.00	790.00	790.00	790.00
	AVG HR	MBTU/MWH	9.50	9.50	9.51	9.50	9.49	9.51
	VAR O&M CST	\$000	22577.	21224.	23406.	24111.	24867.	24839.
	FIXED COST	\$000	55336.	57480.	52730.	50490.	51696.	52915.
	FUEL COST	\$000	239801.	225065.	248419.	255214.	262398.	262184.
	AV VAR CST	\$/MWH	46.95	47.88	48.94	49.86	50.77	51.89
	GENERATION	GWH	5588.0	5144.3	5553.7	5602.7	5658.4	5531.3
	FUEL BURN 000	MBTU	53111.	48873.	52799.	53224.	53715.	52600.
AMOS_OP	3 CAPACITY FACTOR	0.7367	0.7474	0.7454	0.8334	0.8341	0.7475	0.8376
INDEX #	3 CAPACITY	MW	858.00	858.00	858.00	858.00	858.00	858.00
	AVG HR	MBTU/MWH	9.72	9.71	9.71	9.71	9.70	9.70
	VAR O&M CST	\$000	22571.	23318.	23752.	27118.	27796.	25374.
	FIXED COST	\$000	21707.	17021.	15062.	5479.	272.	8997.
	FUEL COST	\$000	243566.	251146.	255945.	291520.	297989.	271844.
	AV VAR CST	\$/MWH	47.93	48.86	49.92	50.87	51.82	52.90
	GENERATION	GWH	5552.5	5617.4	5602.7	6263.9	6286.4	5618.5
	FUEL BURN 000	MBTU	53950.	54532.	54399.	60798.	61001.	54543.
BECKJORD	6 CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	4 CAPACITY	MW	53.00	53.00	53.00	53.00	53.00	53.00
	AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.
	FUEL COST	\$000	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0
	FUEL BURN 000	MBTU	0.	0.	0.	0.	0.	0.

4A Output.txt

BIG SAND	1	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	5	CAPACITY	278.00	278.00	278.00	278.00	278.00	278.00	278.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000	0.	0.	0.	0.	0.	0.
BIG SAND	2	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	6	CAPACITY	800.00	800.00	800.00	800.00	800.00	800.00	800.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000	0.	0.	0.	0.	0.	0.
CARD 1+2	1	CAPACITY FACTOR	0.6882	0.7847	0.6877	0.7680	0.6899	0.7866	0.6887
INDEX #	7	CAPACITY	595.00	595.00	595.00	595.00	595.00	595.00	595.00
		AVG HR	9.28	9.28	9.28	9.28	9.28	9.28	9.28
		VAR O&M CST	\$000	16590.	19264.	17243.	19668.	18097.	21020.
		FIXED COST	\$000	104423.	104333.	107001.	101648.	99123.	97836.
		FUEL COST	\$000	117364.	136080.	121582.	138370.	126996.	147049.
		AV VAR CST	\$/MWH	37.24	37.98	38.73	39.48	40.24	40.99
		GENERATION	GWH	3597.0	4089.8	3584.2	4002.7	3605.7	4100.0
		FUEL BURN	000	33376.	37946.	33257.	37137.	33454.	38038.
CARD 1+2	2	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	8	CAPACITY	595.00	595.00	595.00	595.00	595.00	595.00	595.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000	0.	0.	0.	0.	0.	0.
CARD 3	3	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	9	CAPACITY	620.00	620.00	620.00	620.00	620.00	620.00	620.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000	0.	0.	0.	0.	0.	0.
CLINCH R	1	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	16	CAPACITY	235.00	235.00	235.00	235.00	235.00	235.00	235.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000	0.	0.	0.	0.	0.	0.
CLINCH R	2	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	17	CAPACITY	235.00	235.00	235.00	235.00	235.00	235.00	235.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000	0.	0.	0.	0.	0.	0.
CLINCH R	3	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	18	CAPACITY	235.00	235.00	235.00	235.00	235.00	235.00	235.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000	0.	0.	0.	0.	0.	0.
ROCKP_KP	1	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	19	CAPACITY	203.40	203.40	203.40	203.40	203.40	203.40	203.40
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000	0.	0.	0.	0.	0.	0.
ROCKP_KP	2	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	20	CAPACITY	200.40	200.40	200.40	200.40	200.40	200.40	200.40
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00

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GENERATION			0.0	0.0	0.0	0.0	0.0	0.0	0.0
FUEL BURN 000			0.	0.	0.	0.	0.	0.	0.
CSVL 1-4	3	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	21	CAPACITY	165.00	165.00	165.00	165.00	165.00	165.00	165.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.
		FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	0.	0.	0.	0.	0.	0.	0.
CSVL 1-4	4	CAPACITY FACTOR	0.7553	0.8062	0.8112	0.7646	0.8182	0.8172	0.7707
INDEX #	22	CAPACITY	337.00	337.00	337.00	337.00	337.00	337.00	337.00
		AVG HR	9.79	9.79	9.79	9.78	9.78	9.78	9.78
		VAR O&M CST \$000	11332.	12316.	12655.	12181.	13348.	13580.	13078.
		FIXED COST \$000	54641.	54299.	53825.	53104.	51762.	53954.	51995.
		FUEL COST \$000	96918.	105226.	107925.	103900.	113566.	115253.	110652.
		AV VAR CST \$/MWH	48.41	49.39	50.35	51.42	52.40	53.40	54.38
		GENERATION	2235.9	2379.9	2394.8	2257.3	2422.1	2412.6	2275.1
		FUEL BURN 000	21900.	23303.	23435.	22082.	23683.	23594.	22242.

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NewEnergy Associates  
Strategist Page 87

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

			2032	2033	2034	2035	2036	2037	2038
CSVL 5+6	5	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	23	CAPACITY	400.00	400.00	400.00	400.00	400.00	400.00	400.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.
		FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	0.	0.	0.	0.	0.	0.	0.
CSVL 5+6	6	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	24	CAPACITY	400.00	400.00	400.00	400.00	400.00	400.00	400.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.
		FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	0.	0.	0.	0.	0.	0.	0.
D C COOK	1	CAPACITY FACTOR	0.8510	0.9261	0.8477	0.8311	0.0000	0.0000	0.0000
INDEX #	25	CAPACITY	1084.00	1084.00	1084.00	1084.00	1084.00	1084.00	1084.00
		AVG HR	10.84	10.84	10.84	10.84	0.00	0.00	0.00
		VAR O&M CST \$000	70721.	79056.	74534.	75270.	0.	0.	0.
		FIXED COST \$000	379412.	377499.	388787.	2434332.	0.	0.	0.
		FUEL COST \$000	91532.	102370.	96450.	97257.	0.	0.	0.
		AV VAR CST \$/MWH	20.02	20.63	21.24	21.86	0.00	0.00	0.00
		GENERATION	8103.1	8794.3	8049.8	7892.5	0.0	0.0	0.0
		FUEL BURN 000	87870.	95365.	87292.	85586.	0.	0.	0.
D C COOK	2	CAPACITY FACTOR	0.9370	0.8589	0.8596	0.9370	0.8595	0.8594	0.0000
INDEX #	26	CAPACITY	1107.00	1107.00	1107.00	1107.00	1107.00	1107.00	1107.00
		AVG HR	10.97	10.97	10.97	10.97	10.97	10.97	0.00
		VAR O&M CST \$000	79524.	74872.	77185.	86658.	82099.	84324.	0.
		FIXED COST \$000	374030.	385881.	390063.	311112.	313744.	2549185.	0.
		FUEL COST \$000	96290.	89882.	91705.	101846.	93762.	93460.	0.
		AV VAR CST \$/MWH	19.30	19.78	20.26	20.75	21.04	21.33	0.00
		GENERATION	9111.8	8328.9	8336.1	9086.5	8357.7	8334.2	0.0
		FUEL BURN 000	99956.	91368.	91447.	99679.	91684.	91427.	0.
GAVIN	1	CAPACITY FACTOR	0.8307	0.8833	0.8156	0.8842	0.8325	0.8856	0.8156
INDEX #	27	CAPACITY	1320.00	1320.00	1320.00	1320.00	1320.00	1320.00	1320.00
		AVG HR	9.81	9.81	9.81	9.81	9.81	9.81	9.81
		VAR O&M CST \$000	24337.	26352.	24845.	27507.	26520.	28731.	27024.
		FIXED COST \$000	23394.	17259.	21098.	7295.	5615.	-650.	6610.
		FUEL COST \$000	346248.	375157.	353751.	390555.	376290.	406188.	381514.
		AV VAR CST \$/MWH	38.48	39.31	40.15	40.89	41.73	42.47	43.32
		GENERATION	9631.4	10213.6	9430.5	10224.3	9652.3	10240.2	9430.6
		FUEL BURN 000	94444.	100151.	92467.	100254.	94644.	100406.	92469.
GAVIN	2	CAPACITY FACTOR	0.9057	0.8527	0.9081	0.7117	0.9089	0.8544	0.9096
INDEX #	28	CAPACITY	1320.00	1320.00	1320.00	1320.00	1320.00	1320.00	1320.00
		AVG HR	9.82	9.82	9.82	9.82	9.82	9.82	9.82
		VAR O&M CST \$000	26555.	25456.	27685.	22155.	28974.	27737.	30158.
		FIXED COST \$000	117896.	119295.	117682.	119585.	110701.	111521.	113416.
		FUEL COST \$000	378231.	362824.	394653.	314926.	411578.	392586.	426236.
		AV VAR CST \$/MWH	38.54	39.38	40.22	40.96	41.81	42.55	43.39
		GENERATION	10501.8	9859.4	10500.5	8229.0	10538.2	9879.3	10517.3
		FUEL BURN 000	103173.	96862.	103155.	80841.	103525.	97053.	103319.
GLEN LYN	5	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	29	CAPACITY	95.00	95.00	95.00	95.00	95.00	95.00	95.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.
		FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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		GENERATION	GW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.	0.	0.	0.	0.	0.
GLEN LYN	6	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	30	CAPACITY	MW	240.00	240.00	240.00	240.00	240.00	240.00	240.00
		AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.	0.	0.	0.	0.	0.
KAMMER	1	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	33	CAPACITY	MW	210.00	210.00	210.00	210.00	210.00	210.00	210.00
		AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.	0.	0.	0.	0.	0.
KAMMER	2	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	34	CAPACITY	MW	210.00	210.00	210.00	210.00	210.00	210.00	210.00
		AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.	0.	0.	0.	0.	0.
KAMMER	3	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	35	CAPACITY	MW	210.00	210.00	210.00	210.00	210.00	210.00	210.00
		AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.	0.	0.	0.	0.	0.
KANAWHA	1	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	36	CAPACITY	MW	200.00	200.00	200.00	200.00	200.00	200.00	200.00
		AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.	0.	0.	0.	0.	0.
KANAWHA	2	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	37	CAPACITY	MW	200.00	200.00	200.00	200.00	200.00	200.00	200.00
		AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.	0.	0.	0.	0.	0.
MITCHELL	1	CAPACITY FACTOR		0.8253	0.7593	0.8239	0.7905	0.7294	0.8255	0.8277
INDEX #	43	CAPACITY	MW	614.00	614.00	614.00	614.00	614.00	614.00	614.00
		AVG HR	MBTU/MWH	10.09	10.08	10.09	10.08	10.08	10.08	10.08
		VAR O&M CST	\$000	10338.	9684.	10733.	10516.	9935.	11454.	11729.
		FIXED COST	\$000	99406.	100427.	96566.	91058.	91983.	94270.	97840.
		FUEL COST	\$000	198250.	186348.	207166.	203891.	192089.	220919.	225502.
		AV VAR CST	\$/MWH	46.86	48.00	49.17	50.43	51.36	52.34	53.29
		GENERATION	GW	4451.4	4083.7	4431.4	4251.6	3933.9	4439.9	4451.8
		FUEL BURN 000	MBTU	44900.	41180.	44695.	42876.	39647.	44766.	44878.
MITCHELL	2	CAPACITY FACTOR		0.7393	0.8419	0.8345	0.7352	0.8419	0.8395	0.7421
INDEX #	44	CAPACITY	MW	634.00	634.00	634.00	634.00	634.00	634.00	634.00
		AVG HR	MBTU/MWH	9.62	9.62	9.63	9.62	9.62	9.62	9.62
		VAR O&M CST	\$000	9419.	10924.	11059.	9950.	11668.	11850.	10699.
		FIXED COST	\$000	69981.	67790.	62449.	54976.	52359.	54131.	53289.
		FUEL COST	\$000	174877.	203548.	206767.	186838.	218525.	221355.	199184.
		AV VAR CST	\$/MWH	44.76	45.67	47.00	48.19	49.10	50.02	50.92
		GENERATION	GW	4117.3	4675.9	4634.5	4083.3	4668.5	4662.3	4121.4
		FUEL BURN 000	MBTU	39610.	44980.	44612.	39294.	45103.	44859.	39639.
MOUNT_ER	1	CAPACITY FACTOR		0.8465	0.8800	0.8108	0.8819	0.6751	0.8999	0.8487
INDEX #	45	CAPACITY	MW	1314.00	1314.00	1314.00	1314.00	1314.00	1314.00	1314.00
		AVG HR	MBTU/MWH	9.59	9.59	9.59	9.59	9.58	9.59	9.59
		VAR O&M CST	\$000	41690.	44158.	41567.	46196.	36237.	49213.	47426.
		FIXED COST	\$000	76195.	67427.	68826.	61144.	83593.	59045.	65166.
		FUEL COST	\$000	336779.	355970.	335084.	371308.	290223.	393733.	377893.
		AV VAR CST	\$/MWH	38.74	39.50	40.36	41.13	41.90	42.76	43.54
		GENERATION	GW	9769.9	10128.8	9332.6	10151.0	7791.9	10358.0	9769.0
		FUEL BURN 000	MBTU	93654.	97097.	89456.	97304.	74678.	99287.	93643.

02/07/13 15:29:36 V04.0 R03.0

NewEnergy Associates  
Strategist Page 88

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT



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		FUEL COST	\$000	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000 MBTU	0.	0.	0.	0.	0.	0.
PICWAY	5	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	56	CAPACITY	MW	100.00	100.00	100.00	100.00	100.00	100.00
		AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000 MBTU	0.	0.	0.	0.	0.	0.
RPRUN IM	1	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	58	CAPACITY	MW	1105.00	1105.00	1105.00	1105.00	1105.00	1105.00
		AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000 MBTU	0.	0.	0.	0.	0.	0.
ROCKP IM	2	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	59	CAPACITY	MW	1105.00	1105.00	1105.00	1105.00	1105.00	1105.00
		AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	0.	0.	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
		GENERATION	GW	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN	000 MBTU	0.	0.	0.	0.	0.	0.
STUART	1	CAPACITY FACTOR		0.8803	0.8256	0.7454	0.8838	0.8293	0.8303
INDEX #	61	CAPACITY	MW	150.00	150.00	150.00	150.00	150.00	150.00
		AVG HR	MBTU/MWH	9.49	9.49	9.48	9.49	9.49	9.48
		VAR O&M CST	\$000	4671.	4462.	4115.	4983.	4790.	4884.
		FIXED COST	\$000	21114.	21438.	21708.	20734.	20868.	20664.
		FUEL COST	\$000	43536.	41541.	38232.	46326.	44420.	45271.
		AV VAR CST	\$/MWH	41.56	42.41	43.24	44.18	45.03	45.97
		GENERATION	GW	1159.9	1084.8	979.4	1161.3	1092.7	1091.0
		FUEL BURN	000 MBTU	11006.	10293.	9289.	11016.	10365.	10347.
STUART	2	CAPACITY FACTOR		0.8316	0.8319	0.8884	0.8329	0.8328	0.8888
INDEX #	62	CAPACITY	MW	150.00	150.00	150.00	150.00	150.00	150.00
		AVG HR	MBTU/MWH	9.61	9.61	9.61	9.61	9.61	9.61
		VAR O&M CST	\$000	4426.	4509.	4919.	4710.	4824.	5244.
		FIXED COST	\$000	21230.	21289.	20848.	20873.	20716.	20209.
		FUEL COST	\$000	41658.	42390.	46169.	44229.	45187.	49100.
		AV VAR CST	\$/MWH	42.06	42.91	43.76	44.72	45.57	46.53
		GENERATION	GW	1095.8	1093.1	1167.4	1094.4	1097.4	1167.9
		FUEL BURN	000 MBTU	10531.	10505.	11219.	10517.	10545.	11223.
STUART	3	CAPACITY FACTOR		0.8197	0.8214	0.8761	0.8232	0.8253	0.8781
INDEX #	63	CAPACITY	MW	150.00	150.00	150.00	150.00	150.00	150.00
		AVG HR	MBTU/MWH	9.52	9.52	9.52	9.52	9.52	9.52
		VAR O&M CST	\$000	4354.	4443.	4841.	4645.	4770.	5170.
		FIXED COST	\$000	21472.	21543.	21113.	21126.	21014.	20496.
		FUEL COST	\$000	40690.	41474.	45119.	43313.	44361.	48070.
		AV VAR CST	\$/MWH	41.70	42.54	43.40	44.34	45.18	46.14
		GENERATION	GW	1080.1	1079.3	1151.3	1081.7	1087.4	1153.9
		FUEL BURN	000 MBTU	10286.	10277.	10963.	10299.	10352.	10987.

02/07/13 15:29:36 V04.0 R03.0

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

		2032	2033	2034	2035	2036	2037	2038
STUART	4	CAPACITY FACTOR	0.7397	0.8234	0.8792	0.8248	0.8257	0.8809
INDEX #	64	CAPACITY	150.00	150.00	150.00	150.00	150.00	150.00
		AVG HR	9.66	9.66	9.66	9.66	9.66	9.66
		VAR O&M CST	3941.	4469.	4873.	4669.	4788.	5203.
		FIXED COST	21797.	21463.	21034.	21056.	20891.	20380.
		FUEL COST	37246.	42180.	45928.	44023.	45031.	48912.
		AV VAR CST	42.26	43.12	43.97	44.93	45.79	46.75
		GENERATION	974.7	1082.0	1155.3	1083.7	1087.9	1157.5
		FUEL BURN	9416.	10452.	11160.	10468.	10508.	11179.
AMOS AP	3	CAPACITY FACTOR	0.6681	0.6749	0.6691	0.7398	0.7420	0.6547
INDEX #	65	CAPACITY	429.00	429.00	429.00	429.00	429.00	429.00
		AVG HR	9.79	9.78	9.79	9.79	9.79	9.81
		VAR O&M CST	10256.	10552.	10685.	12067.	12395.	11144.
		FIXED COST	104881.	104972.	106254.	107510.	107533.	110065.
		FUEL COST	111271.	114288.	115824.	130575.	133730.	120270.
		AV VAR CST	48.27	49.22	50.31	51.31	52.26	53.41
		GENERATION	2517.5	2536.5	2514.5	2780.3	2796.3	2460.4
		FUEL BURN	24646.	24615.	24617.	27232.	27376.	24131.
TANN 1-3	1	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	66	CAPACITY	145.00	145.00	145.00	145.00	145.00	145.00
		AVG HR	0.00	0.00	0.00	0.00	0.00	0.00
		VAR O&M CST	0.	0.	0.	0.	0.	0.
		FIXED COST	0.	0.	0.	0.	0.	0.





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INDEX #	80	CAPACITY	MW	86.00	86.00	86.00	86.00	86.00	86.00	86.00
		AVG HR	MBTU/MWH	11.94	11.94	11.94	11.94	11.94	11.94	11.94
		VAR O&M CST	\$000	3002.	2477.	3530.	3478.	4273.	3678.	2858.
		FIXED COST	\$000	643.	725.	676.	643.	687.	637.	685.
		FUEL COST	\$000	40298.	33272.	46975.	46253.	56408.	48601.	37670.
		AV VAR CST	\$/MWH	119.01	121.67	123.23	125.83	127.69	130.59	133.10
		GENERATION	GWH	363.8	293.8	409.8	395.2	475.2	400.3	304.5
		DUMP ENERGY	GWH	0.0	0.0	0.0	0.0	0.6	0.0	0.2
		FUEL BURN	000 MBTU	4344.	3507.	4893.	4719.	5674.	4779.	3635.
DARBY	1	CAPACITY FACTOR		0.1268	0.1320	0.1295	0.1142	0.1266	0.1274	0.1221
INDEX #	81	CAPACITY	MW	85.00	85.00	85.00	85.00	85.00	85.00	85.00
		AVG HR	MBTU/MWH	11.76	11.76	11.76	11.77	11.76	11.77	11.77
		VAR O&M CST	\$000	806.	855.	856.	772.	877.	899.	880.
		FIXED COST	\$000	435.	437.	447.	516.	456.	488.	440.
		FUEL COST	\$000	10161.	10752.	10733.	9593.	10923.	11157.	10898.
		AV VAR CST	\$/MWH	115.85	118.10	120.23	121.91	124.85	127.10	129.57
		GENERATION	GWH	94.7	98.3	96.4	85.0	94.5	94.9	90.9
		FUEL BURN	000 MBTU	1114.	1156.	1134.	1001.	1112.	1116.	1069.
DARBY	2	CAPACITY FACTOR		0.1188	0.1231	0.1208	0.1074	0.1178	0.1184	0.1132
INDEX #	82	CAPACITY	MW	85.00	85.00	85.00	85.00	85.00	85.00	85.00
		AVG HR	MBTU/MWH	11.76	11.76	11.76	11.76	11.77	11.77	11.77
		VAR O&M CST	\$000	755.	797.	799.	726.	816.	836.	816.
		FIXED COST	\$000	471.	478.	488.	522.	500.	526.	482.
		FUEL COST	\$000	9518.	10028.	10009.	9077.	10161.	10369.	10106.
		AV VAR CST	\$/MWH	115.82	118.07	120.20	122.62	124.82	127.06	129.54
		GENERATION	GWH	88.7	91.7	89.9	79.9	87.9	88.2	84.3
		FUEL BURN	000 MBTU	1043.	1079.	1058.	940.	1035.	1038.	992.
DARBY	3	CAPACITY FACTOR		0.1138	0.1149	0.1125	0.0960	0.1095	0.1098	0.1049
INDEX #	83	CAPACITY	MW	85.00	85.00	85.00	85.00	85.00	85.00	85.00
		AVG HR	MBTU/MWH	11.77	11.76	11.76	11.76	11.77	11.77	11.77
		VAR O&M CST	\$000	723.	744.	744.	649.	758.	775.	756.
		FIXED COST	\$000	499.	516.	527.	604.	542.	565.	519.
		FUEL COST	\$000	9114.	9351.	9322.	8111.	9443.	9611.	9356.
		AV VAR CST	\$/MWH	115.74	118.04	120.18	122.55	124.79	127.03	129.51
		GENERATION	GWH	85.0	85.5	83.8	71.5	81.7	81.8	78.1
		FUEL BURN	000 MBTU	1000.	1006.	985.	841.	962.	962.	919.

02/07/13 15:29:36 V04.0 R03.0

NewEnergy Associates  
Strategist Page 90

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

		2032      2033      2034      2035      2036      2037      2038								
DARBY	4	CAPACITY FACTOR		0.1075	0.1070	0.0951	0.1064	0.1014	0.1018	0.0970
INDEX #	84	CAPACITY	MW	85.00	85.00	85.00	85.00	85.00	85.00	85.00
		AVG HR	MBTU/MWH	11.77	11.77	11.77	11.77	11.77	11.77	11.77
		VAR O&M CST	\$000	683.	693.	629.	719.	702.	718.	699.
		FIXED COST	\$000	529.	551.	600.	564.	581.	597.	559.
		FUEL COST	\$000	8606.	8708.	7848.	8974.	8746.	8910.	8649.
		AV VAR CST	\$/MWH	115.69	118.00	119.73	122.36	124.77	127.00	129.47
		GENERATION	GWH	80.3	79.7	70.8	79.2	75.7	75.8	72.2
		FUEL BURN	000 MBTU	945.	937.	833.	932.	891.	892.	850.
DARBY	5	CAPACITY FACTOR		0.1003	0.0996	0.0890	0.0986	0.0939	0.0942	0.0895
INDEX #	85	CAPACITY	MW	85.00	85.00	85.00	85.00	85.00	85.00	85.00
		AVG HR	MBTU/MWH	11.77	11.77	11.76	11.77	11.77	11.77	11.77
		VAR O&M CST	\$000	638.	645.	588.	667.	650.	665.	645.
		FIXED COST	\$000	561.	584.	612.	600.	618.	631.	592.
		FUEL COST	\$000	8027.	8101.	7383.	8318.	8092.	8240.	7977.
		AV VAR CST	\$/MWH	115.66	117.97	120.35	122.33	124.74	126.97	129.44
		GENERATION	GWH	74.9	74.1	66.2	73.4	70.1	70.1	66.6
		FUEL BURN	000 MBTU	881.	872.	779.	864.	825.	825.	784.
DARBY	6	CAPACITY FACTOR		0.0825	0.0816	0.0800	0.0800	0.0760	0.0771	0.0734
INDEX #	86	CAPACITY	MW	85.00	85.00	85.00	85.00	85.00	85.00	85.00
		AVG HR	MBTU/MWH	11.76	11.76	11.76	11.76	11.77	11.77	11.77
		VAR O&M CST	\$000	524.	529.	529.	541.	526.	544.	529.
		FIXED COST	\$000	618.	640.	652.	660.	682.	682.	650.
		FUEL COST	\$000	6600.	6645.	6630.	6753.	6551.	6750.	6544.
		AV VAR CST	\$/MWH	115.68	118.01	120.21	122.37	124.76	127.01	129.47
		GENERATION	GWH	61.6	60.8	59.6	59.6	56.7	57.4	54.6
		FUEL BURN	000 MBTU	725.	715.	701.	701.	667.	676.	643.
LWBG WIN	1	CAPACITY FACTOR		0.2518	0.2504	0.2529	0.2529	0.2521	0.2511	0.2560
INDEX #	87	CAPACITY	MW	593.00	593.00	593.00	593.00	593.00	593.00	593.00
		AVG HR	MBTU/MWH	7.10	7.10	7.10	7.10	7.10	7.10	7.09
		VAR O&M CST	\$000	7990.	8094.	8352.	8533.	8715.	8848.	9216.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	85892.	86781.	89197.	90760.	92489.	93535.	97073.
		AV VAR CST	\$/MWH	71.57	72.94	74.25	75.58	77.08	78.48	79.92
		GENERATION	GWH	1311.7	1300.7	1313.7	1313.7	1313.0	1304.6	1329.9
		FUEL BURN	000 MBTU	9313.	9234.	9326.	9324.	9319.	9258.	9433.
LWBG WIN	2	CAPACITY FACTOR		0.3346	0.3327	0.3360	0.3392	0.3378	0.3376	0.3453
INDEX #	88	CAPACITY	MW	593.00	593.00	593.00	593.00	593.00	593.00	593.00
		AVG HR	MBTU/MWH	7.08	7.08	7.08	7.08	7.08	7.08	7.07
		VAR O&M CST	\$000	10249.	10382.	10711.	11049.	11276.	11482.	11999.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	113911.	115085.	118291.	121512.	123720.	125526.	130709.
		AV VAR CST	\$/MWH	71.23	72.60	73.91	75.23	76.71	78.12	79.56
		GENERATION	GWH	1743.0	1728.2	1745.3	1762.1	1759.8	1753.8	1793.7
		FUEL BURN	000 MBTU	12340.	12235.	12354.	12471.	12456.	12411.	12688.



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AV VAR CST \$/MWH		125.42	127.88	130.25	132.58	135.25	137.76	140.40
CT KPCO 958	GENERATION GWH	54.0	53.6	53.4	53.0	54.2	53.7	53.8
INDEX # 958	FUEL BURN 000 MBTU	657.	652.	649.	644.	660.	653.	654.
958	CAPACITY FACTOR	0.0429	0.0424	0.0416	0.0415	0.0431	0.0413	0.0412
958	CAPACITY MW	85.00	85.00	85.00	85.00	85.00	85.00	85.00
	AVG HR MBTU/MWH	12.17	12.16	12.16	12.16	12.16	12.17	12.16
	VAR O&M CST \$000	452.	455.	456.	465.	494.	483.	492.
	FIXED COST \$000	1323.	1361.	1400.	1440.	1482.	1525.	1570.
	FUEL COST \$000	3570.	3588.	3584.	3635.	3861.	3762.	3818.
	AV VAR CST \$/MWH	125.50	127.95	130.35	132.63	135.34	137.90	140.53
	GENERATION GWH	32.0	31.6	31.0	30.9	32.2	30.8	30.7
	FUEL BURN 000 MBTU	390.	384.	377.	376.	392.	375.	373.

02/07/13 15:29:36 V04.0 R03.0

NewEnergy Associates  
Strategist Page 91

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

		2032	2033	2034	2035	2036	2037	2038
CC KPCO 959	CAPACITY FACTOR	0.3020	0.3068	0.3055	0.3128	0.3082	0.3048	0.3128
INDEX # 959	CAPACITY MW	384.00	384.00	384.00	384.00	384.00	384.00	384.00
	AVG HR MBTU/MWH	7.00	7.00	7.00	7.00	7.00	7.00	7.00
	VAR O&M CST \$000	4868.	5038.	5125.	5362.	5413.	5454.	5719.
	FIXED COST \$000	7750.	7974.	8204.	8440.	8683.	8937.	9198.
	FUEL COST \$000	65332.	67460.	68368.	71320.	71796.	72077.	75364.
	AV VAR CST \$/MWH	68.90	70.24	71.51	72.87	74.26	75.62	77.07
	GENERATION GWH	1018.8	1032.1	1027.7	1052.3	1039.7	1025.3	1052.1
	FUEL BURN 000 MBTU	7129.	7223.	7191.	7368.	7277.	7175.	7365.
RP2D_KP 960	CAPACITY FACTOR	0.5658	0.4930	0.5528	0.4201	0.5041	0.5370	0.4832
INDEX # 960	CAPACITY MW	200.40	200.40	200.40	200.40	200.40	200.40	200.40
	AVG HR MBTU/MWH	9.69	9.69	9.69	9.69	9.69	9.69	9.69
	VAR O&M CST \$000	10749.	9596.	11053.	8630.	10658.	11633.	10753.
	FIXED COST \$000	11420.	11833.	12251.	12674.	13102.	13189.	12982.
	FUEL COST \$000	42917.	38301.	44068.	34347.	42273.	45911.	42214.
	AV VAR CST \$/MWH	53.88	55.34	56.80	58.27	59.65	61.04	62.45
	GENERATION GWH	996.0	865.5	970.4	737.5	887.3	942.7	848.2
	FUEL BURN 000 MBTU	9651.	8386.	9403.	7146.	8598.	9134.	8218.
RP2D_IM 961	CAPACITY FACTOR	0.8212	0.7709	0.8102	0.7352	0.6106	0.8080	0.6872
INDEX # 961	CAPACITY MW	1090.00	1090.00	1090.00	1090.00	1090.00	1090.00	1090.00
	AVG HR MBTU/MWH	9.71	9.72	9.72	9.73	9.72	9.72	9.71
	VAR O&M CST \$000	13170.	12478.	13347.	12259.	10379.	13851.	11974.
	FIXED COST \$000	58273.	58936.	58995.	61127.	65968.	62501.	66847.
	FUEL COST \$000	248750.	237906.	25364.	236846.	200355.	269667.	236333.
	AV VAR CST \$/MWH	33.31	34.01	34.73	35.48	36.05	36.75	37.43
	GENERATION GWH	7862.4	7361.2	7736.2	7020.1	5846.1	7714.7	6561.4
	FUEL BURN 000 MBTU	76381.	71516.	75183.	68330.	56815.	74986.	63721.
CSV6_SCR962	CAPACITY FACTOR	0.6500	0.7423	0.5800	0.7072	0.7042	0.7510	0.6415
INDEX # 962	CAPACITY MW	391.00	391.00	391.00	391.00	391.00	391.00	391.00
	AVG HR MBTU/MWH	10.36	10.34	10.33	10.33	10.33	10.33	10.32
	VAR O&M CST \$000	10390.	12080.	9639.	12005.	12243.	13301.	11601.
	FIXED COST \$000	98442.	104761.	115095.	120985.	129075.	136232.	146680.
	FUEL COST \$000	99782.	115811.	92279.	114787.	116834.	126641.	110090.
	AV VAR CST \$/MWH	49.35	50.30	51.30	52.34	53.37	54.40	55.38
	GENERATION GWH	2232.5	2542.5	1986.5	2422.4	2418.7	2572.4	2197.3
	FUEL BURN 000 MBTU	23119.	26287.	20524.	25030.	24989.	26574.	22671.
CSV5_SCR963	CAPACITY FACTOR	0.6476	0.6929	0.7030	0.5614	0.7048	0.7074	0.6348
INDEX # 963	CAPACITY MW	391.00	391.00	391.00	391.00	391.00	391.00	391.00
	AVG HR MBTU/MWH	10.66	10.67	10.67	10.65	10.66	10.66	10.64
	VAR O&M CST \$000	10423.	11359.	11770.	9597.	12345.	12620.	11562.
	FIXED COST \$000	86406.	92438.	99091.	108481.	113141.	120196.	129040.
	FUEL COST \$000	102384.	111544.	115452.	93934.	120683.	123084.	112356.
	AV VAR CST \$/MWH	50.72	51.78	52.84	53.84	54.95	56.01	57.00
	GENERATION GWH	2224.3	2373.3	2407.8	1922.8	2420.8	2423.1	2174.1
	FUEL BURN 000 MBTU	23720.	25316.	25680.	20482.	25811.	25828.	23139.
DUMMY_OP964	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 964	CAPACITY MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AVG HR MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST \$000	0.	0.	0.	0.	0.	0.	0.
	FIXED COST \$000	0.	0.	0.	0.	0.	0.	0.
	FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
	AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP1D_KP 965	CAPACITY FACTOR	0.7589	0.7619	0.7194	0.7603	0.7228	0.7673	0.6686
INDEX # 965	CAPACITY MW	203.40	203.40	203.40	203.40	203.40	203.40	203.40
	AVG HR MBTU/MWH	9.65	9.65	9.65	9.65	9.65	9.65	9.65
	VAR O&M CST \$000	15389.	15739.	15165.	16369.	15926.	17225.	15332.
	FIXED COST \$000	19771.	20181.	20595.	21014.	21439.	21808.	21990.
	FUEL COST \$000	44567.	45670.	44234.	47919.	46556.	50212.	44673.
	AV VAR CST \$/MWH	44.22	45.23	46.34	47.46	48.38	49.32	50.37
	GENERATION GWH	1355.9	1357.6	1281.9	1354.6	1291.3	1367.2	1191.3
	FUEL BURN 000 MBTU	13081.	13098.	12367.	13069.	12459.	13191.	11494.
RP1D_03 966	CAPACITY FACTOR	0.5845	0.6124	0.5536	0.4285	0.5734	0.5112	0.5640
INDEX # 966	CAPACITY MW	1090.00	1090.00	1090.00	1090.00	1090.00	1090.00	1090.00
	AVG HR MBTU/MWH	9.77	9.77	9.79	9.80	9.80	9.82	9.80
	VAR O&M CST \$000	67031.	71277.	65591.	51675.	70546.	63849.	71730.
	FIXED COST \$000	63106.	67693.	62989.	68040.	64257.	57962.	55995.
	FUEL COST \$000	178024.	190127.	175758.	139037.	189685.	172419.	193564.
	AV VAR CST \$/MWH	43.79	44.70	45.66	46.61	47.40	48.41	49.27
	GENERATION GWH	5596.1	5847.9	5285.6	4091.3	5490.0	4880.9	5385.0
	DUMP ENERGY GWH	3.4	2.0	2.3	1.3	0.0	0.4	0.5

		4A Output.txt								
		FUEL BURN 000	MBTU	54660.	57149.	51739.	40104.	53787.	47937.	52793.
CR2_NGCC967	CAPACITY FACTOR			0.3550	0.3687	0.3532	0.3465	0.3514	0.3486	0.3262
INDEX # 967	CAPACITY	MW		212.00	212.00	212.00	212.00	212.00	212.00	212.00
	AVG HR	MBTU/MWH		10.93	11.00	11.02	11.03	11.15	11.13	11.13
	VAR O&M CST	\$000		4917.	5209.	5099.	5111.	5322.	5376.	5138.
	FIXED COST	\$000		23080.	23080.	23080.	23080.	23080.	23080.	23080.
	FUEL COST	\$000		66526.	70637.	68974.	69020.	72207.	72649.	69292.
	AV VAR CST	\$/MWH		108.07	110.78	112.92	115.20	118.49	120.53	122.87
	GENERATION	GWH		661.1	684.7	656.0	643.5	654.3	647.4	605.7
	DUMP ENERGY	GWH		0.0	0.0	0.0	0.0	0.0	0.0	0.7
	FUEL BURN 000	MBTU		7226.	7534.	7225.	7101.	7292.	7206.	6739.
CR1_NGCC968	CAPACITY FACTOR			0.4029	0.4057	0.4027	0.3806	0.3949	0.3835	0.3699
INDEX # 968	CAPACITY	MW		212.00	212.00	212.00	212.00	212.00	212.00	212.00
	AVG HR	MBTU/MWH		10.66	10.69	10.74	10.71	10.83	10.82	10.81
	VAR O&M CST	\$000		5545.	5691.	5776.	5572.	5938.	5872.	5784.
	FIXED COST	\$000		23080.	23080.	23080.	23080.	23080.	23080.	23080.
	FUEL COST	\$000		73571.	75506.	76593.	73567.	78814.	77626.	76272.
	AV VAR CST	\$/MWH		105.44	107.77	110.13	111.98	115.25	117.25	119.46
	GENERATION	GWH		750.3	753.4	747.9	706.8	735.4	712.2	686.9
	DUMP ENERGY	GWH		0.0	0.0	0.2	0.0	0.0	0.0	0.0
	FUEL BURN 000	MBTU		7995.	8056.	8029.	7571.	7965.	7703.	7425.
MR5_NGCC969	CAPACITY FACTOR			0.5170	0.5168	0.5161	0.5152	0.5150	0.5159	0.5131
INDEX # 969	CAPACITY	MW		510.00	510.00	510.00	510.00	510.00	510.00	510.00
	AVG HR	MBTU/MWH		11.24	11.24	11.25	11.25	11.25	11.25	11.25
	VAR O&M CST	\$000		14733.	15000.	15305.	15605.	15981.	16309.	16574.
	FIXED COST	\$000		55524.	55524.	55524.	55524.	55524.	55524.	55524.
	FUEL COST	\$000		233336.	235439.	238054.	240518.	243969.	246480.	248468.
	AV VAR CST	\$/MWH		107.10	108.48	109.87	111.28	112.68	114.02	115.61
	GENERATION	GWH		2316.1	2308.6	2305.9	2301.6	2307.1	2304.7	2292.5
	DUMP ENERGY	GWH		6.7	4.1	5.1	4.0	4.4	1.7	2.7
	FUEL BURN 000	MBTU		26042.	25958.	25932.	25890.	25954.	25918.	25801.
RP2TR_KP970	CAPACITY FACTOR			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 970	CAPACITY	MW		200.40	200.40	200.40	200.40	200.40	200.40	200.40
	AVG HR	MBTU/MWH		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000		0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000		0.	0.	0.	0.	0.	0.	0.
	FUEL COST	\$000		0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	FUEL BURN 000	MBTU		0.	0.	0.	0.	0.	0.	0.
RP2TR_IM971	CAPACITY FACTOR			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 971	CAPACITY	MW		1105.00	1105.00	1105.00	1105.00	1105.00	1105.00	1105.00
	AVG HR	MBTU/MWH		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000		0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000		0.	0.	0.	0.	0.	0.	0.
	FUEL COST	\$000		0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	FUEL BURN 000	MBTU		0.	0.	0.	0.	0.	0.	0.
DUMMY_OP972	CAPACITY FACTOR			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 972	CAPACITY	MW		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000		0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000		0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH		0.0	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP973	CAPACITY FACTOR			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 973	CAPACITY	MW		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000		0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000		0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH		0.0	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP974	CAPACITY FACTOR			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 974	CAPACITY	MW		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000		0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000		0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH		0.0	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP975	CAPACITY FACTOR			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 975	CAPACITY	MW		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000		0.	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000		0.	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH		0.0	0.0	0.0	0.0	0.0	0.0	0.0

02/07/13 15:29:36 V04.0 R03.0

NewEnergy Associates  
Strategist Page 92

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

		2032	2033	2034	2035	2036	2037	2038
DUMMY_OP976	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 976	CAPACITY	MW		0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000		0.	0.	0.	0.	0.
	FIXED COST	\$000		0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH		0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH		0.0	0.0	0.0	0.0	0.0



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DUMMY_OP991	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 991	CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP992	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 992	CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP993	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 993	CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP994	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 994	CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_KP995	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 995	CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP996	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 996	CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP997	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 997	CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0
T4 TRONA998	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 998	CAPACITY	MW	500.00	500.00	500.00	500.00	500.00	500.00
	AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.
	FUEL COST	\$000	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0
	FUEL BURN 000	MBTU	0.	0.	0.	0.	0.	0.

‡ 02/07/13 15:29:36 V04.0 R03.0

NewEnergy Associates  
Strategist Page 93

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

		2032	2033	2034	2035	2036	2037	2038
DUMMY_OP999	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 999	CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00
	VAR O&M CST	\$000	0.	0.	0.	0.	0.	0.
	FIXED COST	\$000	0.	0.	0.	0.	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
	GENERATION	GWH	0.0	0.0	0.0	0.0	0.0	0.0

‡ 02/07/13 15:29:36 V04.0 R03.0

NewEnergy Associates  
Strategist Page 94

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

		2039	2040
AMOS	1 CAPACITY FACTOR	0.7668	0.7541
INDEX #	1 CAPACITY	MW	790.00
	AVG HR	MBTU/MWH	9.68
	VAR O&M CST	\$000	24987.
	FIXED COST	\$000	35473.
	FUEL COST	\$000	265906.
	AV VAR CST	\$/MWH	54.81
	GENERATION	GWH	5306.9
	FUEL BURN 000	MBTU	51389.
AMOS	2 CAPACITY FACTOR	0.8044	0.8006
INDEX #	2 CAPACITY	MW	790.00
	AVG HR	MBTU/MWH	9.50
	VAR O&M CST	\$000	26074.
	FIXED COST	\$000	53882.
	FUEL COST	\$000	273747.

		AV VAR CST	\$/MWH	53.86	54.93
		GENERATION	GW	5566.8	5555.9
		FUEL BURN	000 MBTU	52906.	52822.
AMOS OP	3	CAPACITY FACTOR		0.7535	0.8397
INDEX #	3	CAPACITY	MW	858.00	858.00
		AVG HR	MBTU/MWH	9.70	9.70
		VAR O&M CST	\$000	26679.	30448.
		FIXED COST	\$000	8537.	254528.
		FUEL COST	\$000	284309.	323736.
		AV VAR CST	\$/MWH	54.91	55.97
		GENERATION	GW	5663.7	6328.5
		FUEL BURN	000 MBTU	54952.	61380.
BECKJORD	6	CAPACITY FACTOR		0.0000	0.0000
INDEX #	4	CAPACITY	MW	53.00	53.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GW	0.0	0.0
		FUEL BURN	000 MBTU	0.	0.
BIG SAND	1	CAPACITY FACTOR		0.0000	0.0000
INDEX #	5	CAPACITY	MW	278.00	278.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GW	0.0	0.0
		FUEL BURN	000 MBTU	0.	0.
BIG SAND	2	CAPACITY FACTOR		0.0000	0.0000
INDEX #	6	CAPACITY	MW	800.00	800.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GW	0.0	0.0
		FUEL BURN	000 MBTU	0.	0.
CARD 1+2	1	CAPACITY FACTOR		0.6884	0.7688
INDEX #	7	CAPACITY	MW	595.00	595.00
		AVG HR	MBTU/MWH	9.28	9.28
		VAR O&M CST	\$000	19193.	21953.
		FIXED COST	\$000	105569.	359747.
		FUEL COST	\$000	133348.	152303.
		AV VAR CST	\$/MWH	42.51	43.37
		GENERATION	GW	3588.1	4017.9
		FUEL BURN	000 MBTU	33292.	37278.
CARD 1+2	2	CAPACITY FACTOR		0.0000	0.0000
INDEX #	8	CAPACITY	MW	595.00	595.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GW	0.0	0.0
		FUEL BURN	000 MBTU	0.	0.
CARD 3	3	CAPACITY FACTOR		0.0000	0.0000
INDEX #	9	CAPACITY	MW	620.00	620.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GW	0.0	0.0
		FUEL BURN	000 MBTU	0.	0.
CLINCH R	1	CAPACITY FACTOR		0.0000	0.0000
INDEX #	16	CAPACITY	MW	235.00	235.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GW	0.0	0.0
		FUEL BURN	000 MBTU	0.	0.
CLINCH R	2	CAPACITY FACTOR		0.0000	0.0000
INDEX #	17	CAPACITY	MW	235.00	235.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GW	0.0	0.0
		FUEL BURN	000 MBTU	0.	0.
CLINCH R	3	CAPACITY FACTOR		0.0000	0.0000
INDEX #	18	CAPACITY	MW	235.00	235.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.

		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GWH	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.
ROCKP_KP	1	CAPACITY FACTOR		0.0000	0.0000
INDEX #	19	CAPACITY	MW	203.40	203.40
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GWH	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.
ROCKP_KP	2	CAPACITY FACTOR		0.0000	0.0000
INDEX #	20	CAPACITY	MW	200.40	200.40
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GWH	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.
CSVL 1-4	3	CAPACITY FACTOR		0.0000	0.0000
INDEX #	21	CAPACITY	MW	165.00	165.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GWH	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.
CSVL 1-4	4	CAPACITY FACTOR		0.8241	0.7757
INDEX #	22	CAPACITY	MW	337.00	337.00
		AVG HR	MBTU/MWH	9.77	9.77
		VAR O&M CST	\$000	14282.	13767.
		FIXED COST	\$000	52876.	359758.
		FUEL COST	\$000	120652.	116098.
		AV VAR CST	\$/MWH	55.46	56.56
		GENERATION	GWH	2432.8	2296.2
		FUEL BURN 000	MBTU	23775.	22436.

‡ 02/07/13 15:29:36 V04.0 R03.0

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

				2039	2040
CSVL 5+6	5	CAPACITY FACTOR		0.0000	0.0000
INDEX #	23	CAPACITY	MW	400.00	400.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GWH	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.
CSVL 5+6	6	CAPACITY FACTOR		0.0000	0.0000
INDEX #	24	CAPACITY	MW	400.00	400.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GWH	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.
D C COOK	1	CAPACITY FACTOR		0.0000	0.0000
INDEX #	25	CAPACITY	MW	1084.00	1084.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GWH	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.
D C COOK	2	CAPACITY FACTOR		0.0000	0.0000
INDEX #	26	CAPACITY	MW	1107.00	1107.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GWH	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.
GAVIN	1	CAPACITY FACTOR		0.8857	0.8336
INDEX #	27	CAPACITY	MW	1320.00	1320.00
		AVG HR	MBTU/MWH	9.81	9.81
		VAR O&M CST	\$000	29970.	28885.



		FIXED COST	\$000	-2273.	429776.
		FUEL COST	\$000	422326.	405212.
		AV VAR CST	\$/MWH	44.16	44.91
		GENERATION	GWH	10242.0	9665.7
		FUEL BURN 000	MBTU	100425.	94774.
GAVIN	2	CAPACITY FACTOR		0.8369	0.9109
INDEX #	28	CAPACITY	MW	1320.00	1320.00
		AVG HR	MBTU/MWH	9.82	9.82
		VAR O&M CST	\$000	28337.	31584.
		FIXED COST	\$000	116537.	670078.
		FUEL COST	\$000	399769.	443574.
		AV VAR CST	\$/MWH	44.24	44.99
		GENERATION	GWH	9677.6	10561.7
		FUEL BURN 000	MBTU	95071.	103752.
GLEN LYN	5	CAPACITY FACTOR		0.0000	0.0000
INDEX #	29	CAPACITY	MW	95.00	95.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GWH	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.
GLEN LYN	6	CAPACITY FACTOR		0.0000	0.0000
INDEX #	30	CAPACITY	MW	240.00	240.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GWH	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.
KAMMER	1	CAPACITY FACTOR		0.0000	0.0000
INDEX #	33	CAPACITY	MW	210.00	210.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GWH	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.
KAMMER	2	CAPACITY FACTOR		0.0000	0.0000
INDEX #	34	CAPACITY	MW	210.00	210.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GWH	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.
KAMMER	3	CAPACITY FACTOR		0.0000	0.0000
INDEX #	35	CAPACITY	MW	210.00	210.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GWH	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.
KANAWHA	1	CAPACITY FACTOR		0.0000	0.0000
INDEX #	36	CAPACITY	MW	200.00	200.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GWH	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.
KANAWHA	2	CAPACITY FACTOR		0.0000	0.0000
INDEX #	37	CAPACITY	MW	200.00	200.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GWH	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.
MITCHELL	1	CAPACITY FACTOR		0.7350	0.8321
INDEX #	43	CAPACITY	MW	614.00	614.00
		AVG HR	MBTU/MWH	10.07	10.08
		VAR O&M CST	\$000	10635.	12331.
		FIXED COST	\$000	97461.	498408.
		FUEL COST	\$000	203677.	235793.
		AV VAR CST	\$/MWH	54.21	55.29
		GENERATION	GWH	3953.3	4488.0
		FUEL BURN 000	MBTU	39821.	45219.
MITCHELL	2	CAPACITY FACTOR		0.8448	0.8440
INDEX #	44	CAPACITY	MW	634.00	634.00

	AVG HR	MBTU/MWH	9.62	9.62
	VAR O&M CST	\$000	12438.	12727.
	FIXED COST	\$000	53713.	236058.
	FUEL COST	\$000	230781.	235724.
	AV VAR CST	\$/MWH	51.84	52.86
	GENERATION	GWHR	4691.7	4700.4
	FUEL BURN 000	MBTU	45121.	45209.
MOUNT_ER	1	CAPACITY FACTOR	0.9020	0.8487
INDEX #	45	CAPACITY	1314.00	1314.00
	AVG HR	MBTU/MWH	9.59	9.58
	VAR O&M CST	\$000	51503.	49653.
	FIXED COST	\$000	61219.	511774.
	FUEL COST	\$000	408559.	392967.
	AV VAR CST	\$/MWH	44.31	45.18
	GENERATION	GWHR	10382.3	9795.8
	FUEL BURN 000	MBTU	99516.	93891.

02/07/13 15:29:36 V04.0 R03.0

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

			2039	2040
MUSK RVR	1	CAPACITY FACTOR	0.0000	0.0000
INDEX #	46	CAPACITY	205.00	205.00
	AVG HR	MBTU/MWH	0.00	0.00
	VAR O&M CST	\$000	0.	0.
	FIXED COST	\$000	0.	0.
	FUEL COST	\$000	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00
	GENERATION	GWHR	0.0	0.0
	FUEL BURN 000	MBTU	0.	0.
MUSK RVR	2	CAPACITY FACTOR	0.0000	0.0000
INDEX #	47	CAPACITY	205.00	205.00
	AVG HR	MBTU/MWH	0.00	0.00
	VAR O&M CST	\$000	0.	0.
	FIXED COST	\$000	0.	0.
	FUEL COST	\$000	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00
	GENERATION	GWHR	0.0	0.0
	FUEL BURN 000	MBTU	0.	0.
MUSK RVR	3	CAPACITY FACTOR	0.0000	0.0000
INDEX #	48	CAPACITY	215.00	215.00
	AVG HR	MBTU/MWH	0.00	0.00
	VAR O&M CST	\$000	0.	0.
	FIXED COST	\$000	0.	0.
	FUEL COST	\$000	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00
	GENERATION	GWHR	0.0	0.0
	FUEL BURN 000	MBTU	0.	0.
MUSK RVR	4	CAPACITY FACTOR	0.0000	0.0000
INDEX #	49	CAPACITY	215.00	215.00
	AVG HR	MBTU/MWH	0.00	0.00
	VAR O&M CST	\$000	0.	0.
	FIXED COST	\$000	0.	0.
	FUEL COST	\$000	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00
	GENERATION	GWHR	0.0	0.0
	FUEL BURN 000	MBTU	0.	0.
MUSK RVR	5	CAPACITY FACTOR	0.0000	0.0000
INDEX #	50	CAPACITY	600.00	600.00
	AVG HR	MBTU/MWH	0.00	0.00
	VAR O&M CST	\$000	0.	0.
	FIXED COST	\$000	0.	0.
	FUEL COST	\$000	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00
	GENERATION	GWHR	0.0	0.0
	FUEL BURN 000	MBTU	0.	0.
P SPORN	1	CAPACITY FACTOR	0.0000	0.0000
INDEX #	51	CAPACITY	150.00	150.00
	AVG HR	MBTU/MWH	0.00	0.00
	VAR O&M CST	\$000	0.	0.
	FIXED COST	\$000	0.	0.
	FUEL COST	\$000	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00
	GENERATION	GWHR	0.0	0.0
	FUEL BURN 000	MBTU	0.	0.
P SPORN	2	CAPACITY FACTOR	0.0000	0.0000
INDEX #	52	CAPACITY	150.00	150.00
	AVG HR	MBTU/MWH	0.00	0.00
	VAR O&M CST	\$000	0.	0.
	FIXED COST	\$000	0.	0.
	FUEL COST	\$000	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00
	GENERATION	GWHR	0.0	0.0
	FUEL BURN 000	MBTU	0.	0.
P SPORN	3	CAPACITY FACTOR	0.0000	0.0000
INDEX #	53	CAPACITY	150.00	150.00

		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GWH	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.
P SPORN	4	CAPACITY FACTOR		0.0000	0.0000
INDEX #	54	CAPACITY	MW	150.00	150.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GWH	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.
P SPORN	5	CAPACITY FACTOR		0.0000	0.0000
INDEX #	55	CAPACITY	MW	450.00	450.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GWH	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.
PICWAY	5	CAPACITY FACTOR		0.0000	0.0000
INDEX #	56	CAPACITY	MW	100.00	100.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GWH	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.
RPRUN_IM	1	CAPACITY FACTOR		0.0000	0.0000
INDEX #	58	CAPACITY	MW	1105.00	1105.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GWH	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.
ROCKP_IM	2	CAPACITY FACTOR		0.0000	0.0000
INDEX #	59	CAPACITY	MW	1105.00	1105.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GWH	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.
STUART	1	CAPACITY FACTOR		0.8301	0.8315
INDEX #	61	CAPACITY	MW	150.00	150.00
		AVG HR	MBTU/MWH	9.48	9.48
		VAR O&M CST	\$000	5095.	5228.
		FIXED COST	\$000	21722.	113179.
		FUEL COST	\$000	47021.	48158.
		AV VAR CST	\$/MWH	47.78	48.73
		GENERATION	GWH	1090.7	1095.6
		FUEL BURN 000	MBTU	10345.	10390.
STUART	2	CAPACITY FACTOR		0.8334	0.8892
INDEX #	62	CAPACITY	MW	150.00	150.00
		AVG HR	MBTU/MWH	9.61	9.61
		VAR O&M CST	\$000	5130.	5607.
		FIXED COST	\$000	21565.	112714.
		FUEL COST	\$000	47818.	52181.
		AV VAR CST	\$/MWH	48.35	49.32
		GENERATION	GWH	1095.0	1171.7
		FUEL BURN 000	MBTU	10521.	11259.
STUART	3	CAPACITY FACTOR		0.8252	0.8801
INDEX #	63	CAPACITY	MW	150.00	150.00
		AVG HR	MBTU/MWH	9.52	9.52
		VAR O&M CST	\$000	5070.	5538.
		FIXED COST	\$000	21859.	113037.
		FUEL COST	\$000	46919.	51170.
		AV VAR CST	\$/MWH	47.94	48.90
		GENERATION	GWH	1084.4	1159.6
		FUEL BURN 000	MBTU	10323.	11040.

02/07/13 15:29:37 V04.0 R03.0

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

2039 2040

STUART	4	CAPACITY FACTOR		0.8269	0.8819
INDEX #	64	CAPACITY	MW	150.00	150.00

		AVG HR	MBTU/MWH	9.66	9.66
		VAR O&M CST	\$000	5096.	5567.
		FIXED COST	\$000	21738.	112912.
		FUEL COST	\$000	47693.	52012.
		AV VAR CST	\$/MWH	48.58	49.55
		GENERATION	GWH	1086.6	1162.0
		FUEL BURN 000	MBTU	10493.	11222.
AMOS_AP	3	CAPACITY FACTOR		0.6642	0.7129
INDEX #	65	CAPACITY	MW	429.00	429.00
		AVG HR	MBTU/MWH	9.80	9.82
		VAR O&M CST	\$000	11789.	12972.
		FIXED COST	\$000	114701.	330344.
		FUEL COST	\$000	126509.	139187.
		AV VAR CST	\$/MWH	55.41	56.64
		GENERATION	GWH	2495.9	2686.6
		FUEL BURN 000	MBTU	24452.	26389.
TANN 1-3	1	CAPACITY FACTOR		0.0000	0.0000
INDEX #	66	CAPACITY	MW	145.00	145.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GWH	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.
TANN 1-3	2	CAPACITY FACTOR		0.0000	0.0000
INDEX #	67	CAPACITY	MW	145.00	145.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GWH	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.
TANN 1-3	3	CAPACITY FACTOR		0.0000	0.0000
INDEX #	68	CAPACITY	MW	205.00	205.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GWH	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.
TANN 4	4	CAPACITY FACTOR		0.0000	0.0000
INDEX #	69	CAPACITY	MW	500.00	500.00
		AVG HR	MBTU/MWH	0.00	0.00
		VAR O&M CST	\$000	0.	0.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	0.	0.
		AV VAR CST	\$/MWH	0.00	0.00
		GENERATION	GWH	0.0	0.0
		FUEL BURN 000	MBTU	0.	0.
ZIMMER	1	CAPACITY FACTOR		0.7599	0.8992
INDEX #	70	CAPACITY	MW	330.00	330.00
		AVG HR	MBTU/MWH	9.70	9.70
		VAR O&M CST	\$000	12037.	14587.
		FIXED COST	\$000	50890.	268942.
		FUEL COST	\$000	91502.	110867.
		AV VAR CST	\$/MWH	47.13	48.13
		GENERATION	GWH	2196.8	2606.4
		FUEL BURN 000	MBTU	21303.	25282.
CEREDO	1	CAPACITY FACTOR		0.6157	0.5564
INDEX #	75	CAPACITY	MW	86.00	86.00
		AVG HR	MBTU/MWH	11.73	11.73
		VAR O&M CST	\$000	4450.	4120.
		FIXED COST	\$000	441.	3916.
		FUEL COST	\$000	57336.	52680.
		AV VAR CST	\$/MWH	133.20	135.13
		GENERATION	GWH	463.9	420.3
		FUEL BURN 000	MBTU	5443.	4932.
CEREDO	2	CAPACITY FACTOR		0.5811	0.5567
INDEX #	76	CAPACITY	MW	86.00	86.00
		AVG HR	MBTU/MWH	11.74	11.75
		VAR O&M CST	\$000	4199.	4122.
		FIXED COST	\$000	489.	3960.
		FUEL COST	\$000	54234.	52758.
		AV VAR CST	\$/MWH	133.48	135.25
		GENERATION	GWH	437.8	420.6
		DUMP ENERGY	GWH	0.0	0.8
		FUEL BURN 000	MBTU	5141.	4940.
CEREDO	3	CAPACITY FACTOR		0.5213	0.4990
INDEX #	77	CAPACITY	MW	86.00	86.00
		AVG HR	MBTU/MWH	11.81	11.81
		VAR O&M CST	\$000	3767.	3695.
		FIXED COST	\$000	590.	4153.
		FUEL COST	\$000	49051.	47760.
		AV VAR CST	\$/MWH	134.48	136.50
		GENERATION	GWH	392.8	376.9
		FUEL BURN 000	MBTU	4637.	4451.

CEREDO	4	CAPACITY FACTOR		0.6932	0.6123
INDEX #	78	CAPACITY	MW	86.00	86.00
		AVG HR	MBTU/MWH	11.72	11.72
		VAR O&M CST	\$000	5009.	4533.
		FIXED COST	\$000	406.	3902.
		FUEL COST	\$000	64338.	57506.
		AV VAR CST	\$/MWH	132.80	134.13
		GENERATION	GWH	522.2	462.5
		FUEL BURN 000	MBTU	6121.	5422.
CEREDO	5	CAPACITY FACTOR		0.5503	0.7374
INDEX #	79	CAPACITY	MW	86.00	86.00
		AVG HR	MBTU/MWH	11.81	11.81
		VAR O&M CST	\$000	3977.	5460.
		FIXED COST	\$000	556.	3942.
		FUEL COST	\$000	51689.	70318.
		AV VAR CST	\$/MWH	134.26	136.04
		GENERATION	GWH	414.6	557.0
		DUMP ENERGY	GWH	0.0	0.3
		FUEL BURN 000	MBTU	4895.	6577.
CEREDO	6	CAPACITY FACTOR		0.4494	0.6484
INDEX #	80	CAPACITY	MW	86.00	86.00
		AVG HR	MBTU/MWH	11.94	11.94
		VAR O&M CST	\$000	3248.	4801.
		FIXED COST	\$000	639.	4032.
		FUEL COST	\$000	42838.	62667.
		AV VAR CST	\$/MWH	136.12	137.75
		GENERATION	GWH	338.6	489.8
		DUMP ENERGY	GWH	0.0	0.1
		FUEL BURN 000	MBTU	4042.	5848.
DARBY	1	CAPACITY FACTOR		0.1218	0.1131
INDEX #	81	CAPACITY	MW	85.00	85.00
		AVG HR	MBTU/MWH	11.77	11.77
		VAR O&M CST	\$000	897.	854.
		FIXED COST	\$000	490.	2579.
		FUEL COST	\$000	11073.	10502.
		AV VAR CST	\$/MWH	131.97	134.47
		GENERATION	GWH	90.7	84.4
		FUEL BURN 000	MBTU	1067.	994.
DARBY	2	CAPACITY FACTOR		0.1132	0.1050
INDEX #	82	CAPACITY	MW	85.00	85.00
		AVG HR	MBTU/MWH	11.77	11.77
		VAR O&M CST	\$000	834.	792.
		FIXED COST	\$000	532.	2614.
		FUEL COST	\$000	10283.	9749.
		AV VAR CST	\$/MWH	131.94	134.49
		GENERATION	GWH	84.3	78.4
		FUEL BURN 000	MBTU	991.	922.
DARBY	3	CAPACITY FACTOR		0.1049	0.0974
INDEX #	83	CAPACITY	MW	85.00	85.00
		AVG HR	MBTU/MWH	11.77	11.77
		VAR O&M CST	\$000	773.	735.
		FIXED COST	\$000	571.	2652.
		FUEL COST	\$000	9532.	9040.
		AV VAR CST	\$/MWH	131.90	134.48
		GENERATION	GWH	78.1	72.7
		FUEL BURN 000	MBTU	919.	855.

‡ 02/07/13 15:29:37 V04.0 R03.0

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

				2039	2040
DARBY	4	CAPACITY FACTOR		0.0971	0.0907
INDEX #	84	CAPACITY	MW	85.00	85.00
		AVG HR	MBTU/MWH	11.77	11.77
		VAR O&M CST	\$000	715.	685.
		FIXED COST	\$000	608.	2690.
		FUEL COST	\$000	8819.	8424.
		AV VAR CST	\$/MWH	131.88	134.44
		GENERATION	GWH	72.3	67.8
		FUEL BURN 000	MBTU	851.	797.
DARBY	5	CAPACITY FACTOR		0.0897	0.0743
INDEX #	85	CAPACITY	MW	85.00	85.00
		AVG HR	MBTU/MWH	11.77	11.77
		VAR O&M CST	\$000	661.	561.
		FIXED COST	\$000	643.	2761.
		FUEL COST	\$000	8143.	6892.
		AV VAR CST	\$/MWH	131.85	134.42
		GENERATION	GWH	66.8	55.4
		FUEL BURN 000	MBTU	786.	652.
DARBY	6	CAPACITY FACTOR		0.0742	0.0687
INDEX #	86	CAPACITY	MW	85.00	85.00
		AVG HR	MBTU/MWH	11.77	11.77
		VAR O&M CST	\$000	547.	518.
		FIXED COST	\$000	697.	2791.
		FUEL COST	\$000	6738.	6371.
		AV VAR CST	\$/MWH	131.87	134.39

		GENERATION	GWH	55.2	51.3
		FUEL BURN 000	MBTU	650.	603.
LWBG WIN	1	CAPACITY FACTOR		0.2559	0.2546
INDEX #	87	CAPACITY	MW	593.00	593.00
		AVG HR	MBTU/MWH	7.09	7.09
		VAR O&M CST	\$000	9414.	9596.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	98754.	100396.
		AV VAR CST	\$/MWH	81.36	82.94
		GENERATION	GWH	1329.4	1326.2
		FUEL BURN 000	MBTU	9428.	9404.
LWBG WIN	2	CAPACITY FACTOR		0.3445	0.3430
INDEX #	88	CAPACITY	MW	593.00	593.00
		AVG HR	MBTU/MWH	7.07	7.07
		VAR O&M CST	\$000	12234.	12480.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	132755.	135075.
		AV VAR CST	\$/MWH	81.01	82.58
		GENERATION	GWH	1789.8	1786.8
		FUEL BURN 000	MBTU	12659.	12636.
LWBG SMR	1	CAPACITY FACTOR		0.1319	0.1309
INDEX #	89	CAPACITY	MW	593.00	593.00
		AVG HR	MBTU/MWH	7.08	7.08
		VAR O&M CST	\$000	4850.	4933.
		FIXED COST	\$000	-2299.	-2073.
		FUEL COST	\$000	49810.	50535.
		AV VAR CST	\$/MWH	79.80	81.36
		GENERATION	GWH	685.0	681.8
		FUEL BURN 000	MBTU	4851.	4828.
LWBG SMR	2	CAPACITY FACTOR		0.1502	0.1498
INDEX #	90	CAPACITY	MW	593.00	593.00
		AVG HR	MBTU/MWH	7.07	7.07
		VAR O&M CST	\$000	5332.	5451.
		FIXED COST	\$000	-2668.	-2450.
		FUEL COST	\$000	56633.	57749.
		AV VAR CST	\$/MWH	79.44	80.98
		GENERATION	GWH	780.0	780.4
		FUEL BURN 000	MBTU	5517.	5518.
WATR CC	1	CAPACITY FACTOR		0.1650	0.1638
INDEX #	91	CAPACITY	MW	840.00	840.00
		AVG HR	MBTU/MWH	7.31	7.31
		VAR O&M CST	\$000	8207.	8350.
		FIXED COST	\$000	-2225.	11769.
		FUEL COST	\$000	93255.	94620.
		AV VAR CST	\$/MWH	83.57	85.18
		GENERATION	GWH	1214.1	1208.8
		FUEL BURN 000	MBTU	8877.	8838.
WATR2	1	CAPACITY FACTOR		0.1073	0.1050
INDEX #	92	CAPACITY	MW	840.00	840.00
		AVG HR	MBTU/MWH	7.29	7.29
		VAR O&M CST	\$000	5339.	5353.
		FIXED COST	\$000	-1349.	12855.
		FUEL COST	\$000	59334.	59357.
		AV VAR CST	\$/MWH	81.88	83.49
		GENERATION	GWH	789.8	775.0
		FUEL BURN 000	MBTU	5755.	5647.
DRESDEN	1	CAPACITY FACTOR		0.6041	0.3922
INDEX #	93	CAPACITY	MW	625.00	625.00
		AVG HR	MBTU/MWH	7.52	7.62
		VAR O&M CST	\$000	15926.	10595.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	269525.	182501.
		AV VAR CST	\$/MWH	86.30	89.67
		GENERATION	GWH	3307.6	2153.4
		FUEL BURN 000	MBTU	24879.	16402.
DRESD2	1	CAPACITY FACTOR		0.1393	0.1514
INDEX #	94	CAPACITY	MW	625.00	625.00
		AVG HR	MBTU/MWH	7.37	7.48
		VAR O&M CST	\$000	3674.	4089.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	59994.	67577.
		AV VAR CST	\$/MWH	83.45	86.24
		GENERATION	GWH	762.9	831.0
		DUMP ENERGY	GWH	0.2	0.0
		FUEL BURN 000	MBTU	5622.	6213.
BS_BF50	954	CAPACITY FACTOR		0.6123	0.6060
INDEX #	954	CAPACITY	MW	381.00	381.00
		AVG HR	MBTU/MWH	6.79	6.80
		VAR O&M CST	\$000	10292.	10436.
		FIXED COST	\$000	31803.	98883.
		FUEL COST	\$000	133253.	134899.
		AV VAR CST	\$/MWH	70.24	71.66
		GENERATION	GWH	2043.7	2028.1
		FUEL BURN 000	MBTU	13885.	13793.
CT_KPCO	955	CAPACITY FACTOR		0.1638	0.1644
INDEX #	955	CAPACITY	MW	85.00	85.00
		AVG HR	MBTU/MWH	12.16	12.17
		VAR O&M CST	\$000	1998.	2055.

	FIXED COST	\$000	1615.	1663.
	FUEL COST	\$000	15440.	15826.
	AV VAR CST	\$/MWH	142.98	145.71
	GENERATION	GWH	122.0	122.7
	FUEL BURN 000	MBTU	1484.	1493.
CT_KPCO 956	CAPACITY FACTOR		0.1123	0.1119
INDEX # 956	CAPACITY	MW	85.00	85.00
	AVG HR	MBTU/MWH	12.16	12.17
	VAR O&M CST	\$000	1370.	1399.
	FIXED COST	\$000	1615.	1663.
	FUEL COST	\$000	10586.	10781.
	AV VAR CST	\$/MWH	143.01	145.73
	GENERATION	GWH	83.6	83.6
	FUEL BURN 000	MBTU	1017.	1017.
CT_KPCO 957	CAPACITY FACTOR		0.0704	0.0695
INDEX # 957	CAPACITY	MW	85.00	85.00
	AVG HR	MBTU/MWH	12.17	12.17
	VAR O&M CST	\$000	859.	869.
	FIXED COST	\$000	1615.	1663.
	FUEL COST	\$000	6644.	6700.
	AV VAR CST	\$/MWH	143.10	145.80
	GENERATION	GWH	52.4	51.9
	FUEL BURN 000	MBTU	638.	631.
CT_KPCO 958	CAPACITY FACTOR		0.0399	0.0388
INDEX # 958	CAPACITY	MW	85.00	85.00
	AVG HR	MBTU/MWH	12.16	12.16
	VAR O&M CST	\$000	487.	485.
	FIXED COST	\$000	1615.	1663.
	FUEL COST	\$000	3771.	3740.
	AV VAR CST	\$/MWH	143.24	145.94
	GENERATION	GWH	29.7	28.9
	FUEL BURN 000	MBTU	362.	352.

‡ 02/07/13 15:29:37 V04.0 R03.0

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

			2039	2040
CC_KPCO 959	CAPACITY FACTOR		0.3045	0.3136
INDEX # 959	CAPACITY	MW	384.00	384.00
	AVG HR	MBTU/MWH	7.00	7.00
	VAR O&M CST	\$000	5689.	6002.
	FIXED COST	\$000	9466.	9743.
	FUEL COST	\$000	74736.	78699.
	AV VAR CST	\$/MWH	78.52	80.09
	GENERATION	GWH	1024.3	1057.6
	FUEL BURN 000	MBTU	7170.	7407.
RP2D_KP 960	CAPACITY FACTOR		0.5411	0.4076
INDEX # 960	CAPACITY	MW	200.40	200.40
	AVG HR	MBTU/MWH	9.69	9.69
	VAR O&M CST	\$000	12372.	9603.
	FIXED COST	\$000	13097.	69044.
	FUEL COST	\$000	48377.	37307.
	AV VAR CST	\$/MWH	63.95	65.37
	GENERATION	GWH	949.9	717.6
	FUEL BURN 000	MBTU	9204.	6953.
RP2D_IM 961	CAPACITY FACTOR		0.8267	0.6716
INDEX # 961	CAPACITY	MW	1090.00	1090.00
	AVG HR	MBTU/MWH	9.71	9.71
	VAR O&M CST	\$000	14644.	12057.
	FIXED COST	\$000	64536.	301772.
	FUEL COST	\$000	286511.	237742.
	AV VAR CST	\$/MWH	38.15	38.85
	GENERATION	GWH	7894.1	6429.9
	FUEL BURN 000	MBTU	76686.	62463.
CSV6_SCR962	CAPACITY FACTOR		0.7571	0.7868
INDEX # 962	CAPACITY	MW	391.00	391.00
	AVG HR	MBTU/MWH	10.32	10.32
	VAR O&M CST	\$000	13987.	14889.
	FIXED COST	\$000	153039.	991762.
	FUEL COST	\$000	132385.	140765.
	AV VAR CST	\$/MWH	56.44	57.60
	GENERATION	GWH	2593.3	2702.4
	FUEL BURN 000	MBTU	26770.	27902.
CSV5_SCR963	CAPACITY FACTOR		0.7180	0.6885
INDEX # 963	CAPACITY	MW	391.00	391.00
	AVG HR	MBTU/MWH	10.65	10.65
	VAR O&M CST	\$000	13360.	13122.
	FIXED COST	\$000	134992.	874614.
	FUEL COST	\$000	129473.	127016.
	AV VAR CST	\$/MWH	58.08	59.26
	GENERATION	GWH	2459.2	2364.8
	FUEL BURN 000	MBTU	26181.	25175.
DUMMY_OP964	CAPACITY FACTOR		0.0000	0.0000
INDEX # 964	CAPACITY	MW	0.00	0.00
	VAR O&M CST	\$000	0.	0.
	FIXED COST	\$000	0.	0.

	AV VAR CST	\$/MWH	0.00	0.00
	GENERATION	GWH	0.0	0.0
RP1D_KP 965	CAPACITY FACTOR		0.7732	0.7743
INDEX # 965	CAPACITY	MW	203.40	203.40
	AVG HR	MBTU/MWH	9.65	9.65
	VAR O&M CST	\$/000	18097.	18564.
	FIXED COST	\$/000	21923.	80091.
	FUEL COST	\$/000	52582.	53871.
	AV VAR CST	\$/MWH	51.31	52.36
	GENERATION	GWH	1377.6	1383.4
	FUEL BURN 000	MBTU	13291.	13347.
RP1D_03 966	CAPACITY FACTOR		0.5014	0.5349
INDEX # 966	CAPACITY	MW	1090.00	1090.00
	AVG HR	MBTU/MWH	9.83	9.83
	VAR O&M CST	\$/000	64879.	70635.
	FIXED COST	\$/000	48940.	77846.
	FUEL COST	\$/000	175818.	191554.
	AV VAR CST	\$/MWH	50.28	51.19
	GENERATION	GWH	4787.5	5121.5
	DUMP ENERGY	GWH	0.2	0.5
	FUEL BURN 000	MBTU	47053.	50324.
CR2_NGCC967	CAPACITY FACTOR		0.3200	0.3420
INDEX # 967	CAPACITY	MW	212.00	212.00
	AVG HR	MBTU/MWH	11.13	11.28
	VAR O&M CST	\$/000	5149.	5656.
	FIXED COST	\$/000	23080.	23080.
	FUEL COST	\$/000	69262.	76531.
	AV VAR CST	\$/MWH	125.22	129.03
	GENERATION	GWH	594.3	636.9
	DUMP ENERGY	GWH	0.6	0.0
	FUEL BURN 000	MBTU	6614.	7184.
CR1_NGCC968	CAPACITY FACTOR		0.3640	0.3684
INDEX # 968	CAPACITY	MW	212.00	212.00
	AVG HR	MBTU/MWH	10.82	10.94
	VAR O&M CST	\$/000	5814.	6046.
	FIXED COST	\$/000	23080.	23080.
	FUEL COST	\$/000	76498.	79982.
	AV VAR CST	\$/MWH	121.78	125.39
	GENERATION	GWH	675.9	686.1
	FUEL BURN 000	MBTU	7311.	7508.
MR5_NGCC969	CAPACITY FACTOR		0.5144	0.5126
INDEX # 969	CAPACITY	MW	510.00	510.00
	AVG HR	MBTU/MWH	11.25	11.26
	VAR O&M CST	\$/000	16974.	17329.
	FIXED COST	\$/000	55524.	55524.
	FUEL COST	\$/000	251827.	254881.
	AV VAR CST	\$/MWH	116.96	118.53
	GENERATION	GWH	2298.3	2296.5
	DUMP ENERGY	GWH	1.6	4.5
	FUEL BURN 000	MBTU	25855.	25850.
RP2TR_KP970	CAPACITY FACTOR		0.0000	0.0000
INDEX # 970	CAPACITY	MW	200.40	200.40
	AVG HR	MBTU/MWH	0.00	0.00
	VAR O&M CST	\$/000	0.	0.
	FIXED COST	\$/000	0.	0.
	FUEL COST	\$/000	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00
	GENERATION	GWH	0.0	0.0
	FUEL BURN 000	MBTU	0.	0.
RP2TR_IM971	CAPACITY FACTOR		0.0000	0.0000
INDEX # 971	CAPACITY	MW	1105.00	1105.00
	AVG HR	MBTU/MWH	0.00	0.00
	VAR O&M CST	\$/000	0.	0.
	FIXED COST	\$/000	0.	0.
	FUEL COST	\$/000	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00
	GENERATION	GWH	0.0	0.0
	FUEL BURN 000	MBTU	0.	0.
DUMMY_OP972	CAPACITY FACTOR		0.0000	0.0000
INDEX # 972	CAPACITY	MW	0.00	0.00
	VAR O&M CST	\$/000	0.	0.
	FIXED COST	\$/000	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00
	GENERATION	GWH	0.0	0.0
DUMMY_OP973	CAPACITY FACTOR		0.0000	0.0000
INDEX # 973	CAPACITY	MW	0.00	0.00
	VAR O&M CST	\$/000	0.	0.
	FIXED COST	\$/000	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00
	GENERATION	GWH	0.0	0.0
DUMMY_OP974	CAPACITY FACTOR		0.0000	0.0000
INDEX # 974	CAPACITY	MW	0.00	0.00
	VAR O&M CST	\$/000	0.	0.
	FIXED COST	\$/000	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00
	GENERATION	GWH	0.0	0.0
DUMMY_OP975	CAPACITY FACTOR		0.0000	0.0000



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INDEX # 975 CAPACITY           MW           0.00           0.00
              VAR O&M CST       $000         0.             0.
              FIXED COST       $000         0.             0.
              AV VAR CST       $/MWH        0.00           0.00
              GENERATION       GWH          0.0            0.0

DUMMY_OP976 CAPACITY FACTOR    0.0000         0.0000
INDEX # 976 CAPACITY           MW           0.00           0.00
              VAR O&M CST       $000         0.             0.
              FIXED COST       $000         0.             0.
              AV VAR CST       $/MWH        0.00           0.00
              GENERATION       GWH          0.0            0.0

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02/07/13 15:29:37 V04.0 R03.0

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

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                2039           2040

DUMMY_OP977 CAPACITY FACTOR    0.0000         0.0000
INDEX # 977 CAPACITY           MW           0.00           0.00
              VAR O&M CST       $000         0.             0.
              FIXED COST       $000         0.             0.
              AV VAR CST       $/MWH        0.00           0.00
              GENERATION       GWH          0.0            0.0

DUMMY_OP978 CAPACITY FACTOR    0.0000         0.0000
INDEX # 978 CAPACITY           MW           0.00           0.00
              VAR O&M CST       $000         0.             0.
              FIXED COST       $000         0.             0.
              AV VAR CST       $/MWH        0.00           0.00
              GENERATION       GWH          0.0            0.0

DUMMY_OP979 CAPACITY FACTOR    0.0000         0.0000
INDEX # 979 CAPACITY           MW           0.00           0.00
              VAR O&M CST       $000         0.             0.
              FIXED COST       $000         0.             0.
              AV VAR CST       $/MWH        0.00           0.00
              GENERATION       GWH          0.0            0.0

DUMMY_OP980 CAPACITY FACTOR    0.0000         0.0000
INDEX # 980 CAPACITY           MW           0.00           0.00
              VAR O&M CST       $000         0.             0.
              FIXED COST       $000         0.             0.
              AV VAR CST       $/MWH        0.00           0.00
              GENERATION       GWH          0.0            0.0

DUMMY_OP981 CAPACITY FACTOR    0.0000         0.0000
INDEX # 981 CAPACITY           MW           0.00           0.00
              VAR O&M CST       $000         0.             0.
              FIXED COST       $000         0.             0.
              AV VAR CST       $/MWH        0.00           0.00
              GENERATION       GWH          0.0            0.0

DUMMY_OP982 CAPACITY FACTOR    0.0000         0.0000
INDEX # 982 CAPACITY           MW           0.00           0.00
              VAR O&M CST       $000         0.             0.
              FIXED COST       $000         0.             0.
              AV VAR CST       $/MWH        0.00           0.00
              GENERATION       GWH          0.0            0.0

DUMMY_OP983 CAPACITY FACTOR    0.0000         0.0000
INDEX # 983 CAPACITY           MW           0.00           0.00
              VAR O&M CST       $000         0.             0.
              FIXED COST       $000         0.             0.
              AV VAR CST       $/MWH        0.00           0.00
              GENERATION       GWH          0.0            0.0

DUMMY_OP984 CAPACITY FACTOR    0.0000         0.0000
INDEX # 984 CAPACITY           MW           0.00           0.00
              VAR O&M CST       $000         0.             0.
              FIXED COST       $000         0.             0.
              AV VAR CST       $/MWH        0.00           0.00
              GENERATION       GWH          0.0            0.0

DUMMY_OP985 CAPACITY FACTOR    0.0000         0.0000
INDEX # 985 CAPACITY           MW           0.00           0.00
              VAR O&M CST       $000         0.             0.
              FIXED COST       $000         0.             0.
              AV VAR CST       $/MWH        0.00           0.00
              GENERATION       GWH          0.0            0.0

DUMMY_OP986 CAPACITY FACTOR    0.0000         0.0000
INDEX # 986 CAPACITY           MW           0.00           0.00
              VAR O&M CST       $000         0.             0.
              FIXED COST       $000         0.             0.
              AV VAR CST       $/MWH        0.00           0.00
              GENERATION       GWH          0.0            0.0

DUMMY_OP987 CAPACITY FACTOR    0.0000         0.0000
INDEX # 987 CAPACITY           MW           0.00           0.00
              VAR O&M CST       $000         0.             0.
              FIXED COST       $000         0.             0.
              AV VAR CST       $/MWH        0.00           0.00
              GENERATION       GWH          0.0            0.0

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DUMMY_OP988	CAPACITY FACTOR		0.0000	0.0000
INDEX # 988	CAPACITY	MW	0.00	0.00
	VAR O&M CST	\$000	0.	0.
	FIXED COST	\$000	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00
	GENERATION	GWH	0.0	0.0
DUMMY_OP989	CAPACITY FACTOR		0.0000	0.0000
INDEX # 989	CAPACITY	MW	0.00	0.00
	VAR O&M CST	\$000	0.	0.
	FIXED COST	\$000	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00
	GENERATION	GWH	0.0	0.0
DUMMY_OP990	CAPACITY FACTOR		0.0000	0.0000
INDEX # 990	CAPACITY	MW	0.00	0.00
	VAR O&M CST	\$000	0.	0.
	FIXED COST	\$000	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00
	GENERATION	GWH	0.0	0.0
DUMMY_OP991	CAPACITY FACTOR		0.0000	0.0000
INDEX # 991	CAPACITY	MW	0.00	0.00
	VAR O&M CST	\$000	0.	0.
	FIXED COST	\$000	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00
	GENERATION	GWH	0.0	0.0
DUMMY_OP992	CAPACITY FACTOR		0.0000	0.0000
INDEX # 992	CAPACITY	MW	0.00	0.00
	VAR O&M CST	\$000	0.	0.
	FIXED COST	\$000	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00
	GENERATION	GWH	0.0	0.0
DUMMY_OP993	CAPACITY FACTOR		0.0000	0.0000
INDEX # 993	CAPACITY	MW	0.00	0.00
	VAR O&M CST	\$000	0.	0.
	FIXED COST	\$000	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00
	GENERATION	GWH	0.0	0.0
DUMMY_OP994	CAPACITY FACTOR		0.0000	0.0000
INDEX # 994	CAPACITY	MW	0.00	0.00
	VAR O&M CST	\$000	0.	0.
	FIXED COST	\$000	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00
	GENERATION	GWH	0.0	0.0
DUMMY_KP995	CAPACITY FACTOR		0.0000	0.0000
INDEX # 995	CAPACITY	MW	0.00	0.00
	VAR O&M CST	\$000	0.	0.
	FIXED COST	\$000	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00
	GENERATION	GWH	0.0	0.0
DUMMY_OP996	CAPACITY FACTOR		0.0000	0.0000
INDEX # 996	CAPACITY	MW	0.00	0.00
	VAR O&M CST	\$000	0.	0.
	FIXED COST	\$000	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00
	GENERATION	GWH	0.0	0.0
DUMMY_OP997	CAPACITY FACTOR		0.0000	0.0000
INDEX # 997	CAPACITY	MW	0.00	0.00
	VAR O&M CST	\$000	0.	0.
	FIXED COST	\$000	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00
	GENERATION	GWH	0.0	0.0
T4 TRONA998	CAPACITY FACTOR		0.0000	0.0000
INDEX # 998	CAPACITY	MW	500.00	500.00
	AVG HR	MBTU/MWH	0.00	0.00
	VAR O&M CST	\$000	0.	0.
	FIXED COST	\$000	0.	0.
	FUEL COST	\$000	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00
	GENERATION	GWH	0.0	0.0
	FUEL BURN 000	MBTU	0.	0.
DUMMY_OP999	CAPACITY FACTOR		0.0000	0.0000
INDEX # 999	CAPACITY	MW	0.00	0.00
	VAR O&M CST	\$000	0.	0.
	FIXED COST	\$000	0.	0.
	AV VAR CST	\$/MWH	0.00	0.00
	GENERATION	GWH	0.0	0.0

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AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

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\* PURCHASED POWER \*  
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ROBTMOME	1	CAPACITY FACTOR		0.0654	0.1261	0.1170	0.1133	0.1174	0.1379	0.1212
INDEX #	71	CAPACITY	MW	175.00	175.00	175.00	175.00	175.00	175.00	175.00
		AVG HR	MBTU/MWH	10.86	10.86	10.81	10.79	10.79	10.78	10.78
		VAR O&M CST	\$000	1189.	2344.	2211.	2184.	2312.	2784.	2494.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	4891.	10057.	10159.	10632.	11229.	14303.	12825.
		AV VAR CST	\$/MWH	60.66	63.99	68.98	73.79	75.27	80.63	82.47
		GENERATION	GWH	100.2	193.8	179.3	173.7	179.9	211.9	165.8
		FUEL BURN	000 MBTU	1088.	2105.	1936.	1875.	1941.	2284.	2003.
ROBTMOME	2	CAPACITY FACTOR		0.0912	0.1177	0.0834	0.0982	0.1006	0.1187	0.1032
INDEX #	72	CAPACITY	MW	175.00	175.00	175.00	175.00	175.00	175.00	175.00
		AVG HR	MBTU/MWH	10.83	10.85	10.84	10.80	10.80	10.79	10.79
		VAR O&M CST	\$000	1658.	2188.	1577.	1893.	1982.	2398.	2123.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	6814.	9422.	7225.	9215.	9624.	12321.	10919.
		AV VAR CST	\$/MWH	60.60	64.17	68.81	73.79	75.27	80.63	82.47
		GENERATION	GWH	139.8	180.9	127.9	150.5	154.2	182.5	158.1
		FUEL BURN	000 MBTU	1514.	1964.	1387.	1626.	1665.	1969.	1707.
ROBTMOME	3	CAPACITY FACTOR		0.1065	0.0873	0.1017	0.1299	0.0858	0.1022	0.0878
INDEX #	73	CAPACITY	MW	175.00	175.00	175.00	175.00	175.00	175.00	175.00
		AVG HR	MBTU/MWH	10.82	10.93	10.81	10.79	10.80	10.79	10.80
		VAR O&M CST	\$000	1936.	1623.	1922.	2505.	1691.	2064.	1807.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	7955.	6953.	8832.	12192.	8211.	10605.	9293.
		AV VAR CST	\$/MWH	60.60	63.90	68.98	73.79	75.27	80.63	82.47
		GENERATION	GWH	163.2	134.2	155.9	199.2	131.6	157.1	134.6
		FUEL BURN	000 MBTU	1767.	1467.	1686.	2149.	1421.	1696.	1454.

02/07/13 15:29:37 V04.0 R03.0

NewEnergy Associates  
Strategist Page 102

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

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\* PURCHASED POWER \*  
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				2018	2019	2020	2021	2022	2023	2024
ROBTMOME	1	CAPACITY FACTOR		0.1073	0.1137	0.1176	0.1133	0.1183	0.1160	0.1188
INDEX #	71	CAPACITY	MW	175.00	175.00	175.00	175.00	175.00	175.00	175.00
		AVG HR	MBTU/MWH	10.81	10.79	10.79	10.78	10.79	10.79	10.80
		VAR O&M CST	\$000	2257.	2452.	2607.	2565.	2743.	2754.	2894.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	11713.	12653.	13228.	13159.	14354.	14446.	15316.
		AV VAR CST	\$/MWH	84.93	86.65	87.58	90.54	94.25	96.70	99.73
		GENERATION	GWH	164.5	174.3	180.8	173.7	181.4	177.9	182.6
		FUEL BURN	000 MBTU	1779.	1881.	1951.	1872.	1958.	1920.	1972.
ROBTMOME	2	CAPACITY FACTOR		0.0991	0.0965	0.0996	0.0962	0.0249	0.0000	0.0010
INDEX #	72	CAPACITY	MW	175.00	175.00	175.00	175.00	175.00	175.00	175.00
		AVG HR	MBTU/MWH	10.78	10.80	10.80	10.79	10.45	0.00	11.04
		VAR O&M CST	\$000	2084.	2081.	2207.	2178.	578.	0.	24.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	10793.	10739.	11202.	11175.	3047.	0.	126.
		AV VAR CST	\$/MWH	84.79	86.66	87.59	90.54	94.81	0.00	99.84
		GENERATION	GWH	151.9	147.9	153.1	147.5	38.2	0.0	1.5
		FUEL BURN	000 MBTU	1637.	1598.	1653.	1591.	400.	0.	17.
ROBTMOME	3	CAPACITY FACTOR		0.0825	0.0819	0.0840	0.0813	0.0787	0.0996	0.1018
INDEX #	73	CAPACITY	MW	175.00	175.00	175.00	175.00	175.00	175.00	175.00
		AVG HR	MBTU/MWH	10.81	10.81	10.81	10.80	10.89	10.80	10.81
		VAR O&M CST	\$000	1735.	1766.	1862.	1841.	1825.	2364.	2481.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	8993.	9115.	9450.	9445.	9539.	12403.	13129.
		AV VAR CST	\$/MWH	84.84	86.66	87.59	90.55	94.19	96.71	99.74
		GENERATION	GWH	126.4	125.6	129.1	124.6	120.6	152.7	156.5
		FUEL BURN	000 MBTU	1367.	1357.	1396.	1345.	1314.	1649.	1691.

02/07/13 15:29:37 V04.0 R03.0

NewEnergy Associates  
Strategist Page 103

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

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\* PURCHASED POWER \*  
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				2025	2026	2027	2028	2029	2030	2031
ROBTMOME	1	CAPACITY FACTOR		0.1164	0.1160	0.1080	0.1072	0.1080	0.1056	0.1128
INDEX #	71	CAPACITY	MW	175.00	175.00	175.00	175.00	175.00	175.00	175.00
		AVG HR	MBTU/MWH	10.80	10.79	10.80	10.80	10.80	10.83	10.80
		VAR O&M CST	\$000	2893.	2949.	2807.	2857.	2933.	2930.	3197.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	15426.	15590.	14863.	15131.	15534.	15430.	16754.
		AV VAR CST	\$/MWH	102.66	104.22	106.71	109.12	111.53	113.43	115.41
		GENERATION	GWH	178.4	177.9	165.6	164.9	165.6	161.9	172.9
		FUEL BURN	000 MBTU	1927.	1920.	1788.	1780.	1788.	1753.	1867.
ROBTMOME	2	CAPACITY FACTOR		0.0000	0.0013	0.0553	0.0000	0.0565	0.0147	0.0966
INDEX #	72	CAPACITY	MW	175.00	175.00	175.00	175.00	175.00	175.00	175.00
		AVG HR	MBTU/MWH	0.00	10.44	11.03	0.00	11.02	10.48	10.80
		VAR O&M CST	\$000	0.	33.	1438.	0.	1535.	407.	2738.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	169.	7623.	0.	8146.	2119.	14349.

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	AV VAR CST	\$/MWH	0.00	102.36	106.81	0.00	111.72	112.37	115.43
	GENERATION	GW	0.0	2.0	84.8	0.0	86.7	22.5	148.0
	FUEL BURN	000 MBTU	0.	21.	935.	0.	955.	236.	1599.
ROBTMONE	3	CAPACITY FACTOR	0.0995	0.0990	0.0846	0.0867	0.0835	0.0964	0.0818
INDEX #	73	CAPACITY	175.00	175.00	175.00	175.00	175.00	175.00	175.00
		AVG HR	10.81	10.80	10.79	10.82	10.79	10.81	10.81
		VAR O&M CST	\$000 2472.	2516.	2197.	2310.	2268.	2676.	2319.
		FIXED COST	\$000 0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000 13184.	13308.	11637.	12247.	12013.	14068.	12157.
		AV VAR CST	\$/MWH 102.67	104.25	106.72	109.22	111.56	113.26	115.45
		GENERATION	GW 152.5	151.8	129.6	133.3	128.0	147.8	125.4
		FUEL BURN	000 MBTU 1648.	1640.	1398.	1442.	1381.	1598.	1356.

02/07/13 15:29:37 V04.0 R03.0

NewEnergy Associates  
Strategist Page 104

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

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\* PURCHASED POWER \*  
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		2032	2033	2034	2035	2036	2037	2038	
ROBTMONE	1	CAPACITY FACTOR	0.1140	0.1119	0.1074	0.1079	0.1048	0.1044	0.0985
INDEX #	71	CAPACITY	175.00	175.00	175.00	175.00	175.00	175.00	175.00
		AVG HR	10.80	10.80	10.80	10.81	10.80	10.81	10.81
		VAR O&M CST	\$000 3311.	3310.	3245.	3331.	3318.	3365.	3246.
		FIXED COST	\$000 0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000 17324.	17285.	16889.	17274.	17162.	17353.	16695.
		AV VAR CST	\$/MWH 117.74	120.07	122.32	124.60	127.07	129.51	132.03
		GENERATION	GW 175.3	171.5	164.6	165.4	161.2	160.0	151.0
		FUEL BURN	000 MBTU 1893.	1853.	1777.	1787.	1741.	1730.	1632.
ROBTMONE	2	CAPACITY FACTOR	0.0232	0.0000	0.0008	0.0000	0.0010	0.0544	0.0000
INDEX #	72	CAPACITY	175.00	175.00	175.00	175.00	175.00	175.00	175.00
		AVG HR	10.45	0.00	11.04	0.00	10.44	11.03	0.00
		VAR O&M CST	\$000 674.	0.	24.	0.	31.	1754.	0.
		FIXED COST	\$000 0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000 3525.	0.	127.	0.	159.	9089.	0.
		AV VAR CST	\$/MWH 117.66	0.00	122.71	0.00	124.66	130.01	0.00
		GENERATION	GW 35.7	0.0	1.2	0.0	1.5	83.4	0.0
		FUEL BURN	000 MBTU 373.	0.	14.	0.	16.	920.	0.
ROBTMONE	3	CAPACITY FACTOR	0.0742	0.0950	0.0930	0.0908	0.0875	0.0786	0.0787
INDEX #	73	CAPACITY	175.00	175.00	175.00	175.00	175.00	175.00	175.00
		AVG HR	10.90	10.81	10.81	10.82	10.81	10.80	10.83
		VAR O&M CST	\$000 2156.	2811.	2810.	2804.	2770.	2534.	2593.
		FIXED COST	\$000 0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000 11292.	14681.	14629.	14543.	14335.	13071.	13351.
		AV VAR CST	\$/MWH 117.85	120.10	122.35	124.63	127.12	129.51	132.17
		GENERATION	GW 114.1	145.6	142.5	139.2	134.6	120.5	120.6
		FUEL BURN	000 MBTU 1244.	1574.	1541.	1506.	1455.	1301.	1307.

02/07/13 15:29:37 V04.0 R03.0

NewEnergy Associates  
Strategist Page 105

AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

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\* PURCHASED POWER \*  
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		2039	2040	
ROBTMONE	1	CAPACITY FACTOR	0.0991	0.0958
INDEX #	71	CAPACITY	175.00	175.00
		AVG HR	10.82	10.81
		VAR O&M CST	\$000 3338.	3304.
		FIXED COST	\$000 0.	0.
		FUEL COST	\$000 17112.	16891.
		AV VAR CST	\$/MWH 134.54	137.16
		GENERATION	GW 152.0	147.2
		FUEL BURN	000 MBTU 1644.	1591.
ROBTMONE	2	CAPACITY FACTOR	0.0535	0.0114
INDEX #	72	CAPACITY	175.00	175.00
		AVG HR	11.02	10.48
		VAR O&M CST	\$000 1800.	395.
		FIXED COST	\$000 0.	0.
		FUEL COST	\$000 9273.	1989.
		AV VAR CST	\$/MWH 135.07	135.54
		GENERATION	GW 82.0	17.6
		FUEL BURN	000 MBTU 904.	184.
ROBTMONE	3	CAPACITY FACTOR	0.0734	0.0769
INDEX #	73	CAPACITY	175.00	175.00
		AVG HR	10.80	10.82
		VAR O&M CST	\$000 2472.	2653.
		FIXED COST	\$000 0.	0.
		FUEL COST	\$000 12671.	13570.
		AV VAR CST	\$/MWH 134.54	137.23
		GENERATION	GW 112.6	118.2
		FUEL BURN	000 MBTU 1216.	1280.

02/07/13 15:29:37 V04.0 R03.0

NewEnergy Associates  
Strategist Page 106

4A Output.txt  
AEP EAST  
GENERATION AND FUEL MODULE  
STORAGE UNIT REPORT

			2011	2012	2013	2014	2015	2016	2017	
SMITH MT	0	CAPACITY FACTOR	0.0700	0.0675	0.0678	0.0728	0.0651	0.0670	0.0720	
INDEX #	1	GEN. CAPACITY	586.00	586.00	586.00	586.00	586.00	586.00	586.00	
		VAR O&M CST \$000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		FIXED COST \$000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		GENERATION GWH	359.3	346.6	348.3	374.8	334.2	343.7	369.5	
		PUMP ENERGY GWH	-367.0	-348.9	-351.2	-389.2	-331.2	-344.7	-381.6	
φ 02/07/13	15:29:37	V04.0 R03.0							NewEnergy Associates	
									Strategist	Page 107

AEP EAST  
GENERATION AND FUEL MODULE  
STORAGE UNIT REPORT

			2018	2019	2020	2021	2022	2023	2024	
SMITH MT	0	CAPACITY FACTOR	0.0694	0.0684	0.0671	0.0688	0.0679	0.0648	0.0565	
INDEX #	1	GEN. CAPACITY	586.00	586.00	586.00	586.00	586.00	586.00	586.00	
		VAR O&M CST \$000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		FIXED COST \$000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		GENERATION GWH	357.3	351.0	344.2	353.1	349.5	332.9	290.2	
		PUMP ENERGY GWH	-364.1	-355.1	-345.5	-358.1	-353.0	-329.2	-268.3	
φ 02/07/13	15:29:37	V04.0 R03.0							NewEnergy Associates	
									Strategist	Page 108

AEP EAST  
GENERATION AND FUEL MODULE  
STORAGE UNIT REPORT

			2025	2026	2027	2028	2029	2030	2031	
SMITH MT	0	CAPACITY FACTOR	0.0655	0.0583	0.0616	0.0609	0.0618	0.0614	0.0625	
INDEX #	1	GEN. CAPACITY	586.00	586.00	586.00	586.00	586.00	586.00	586.00	
		VAR O&M CST \$000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		FIXED COST \$000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		GENERATION GWH	336.4	299.9	316.2	312.5	317.4	315.8	320.8	
		PUMP ENERGY GWH	-334.3	-282.2	-305.4	-300.2	-307.2	-304.9	-311.9	
φ 02/07/13	15:29:37	V04.0 R03.0							NewEnergy Associates	
									Strategist	Page 109

AEP EAST  
GENERATION AND FUEL MODULE  
STORAGE UNIT REPORT

			2032	2033	2034	2035	2036	2037	2038	
SMITH MT	0	CAPACITY FACTOR	0.0602	0.0632	0.0559	0.0628	0.0504	0.0618	0.0601	
INDEX #	1	GEN. CAPACITY	586.00	586.00	586.00	586.00	586.00	586.00	586.00	
		VAR O&M CST \$000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		FIXED COST \$000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		AV VAR CST \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		GENERATION GWH	308.8	324.6	287.8	322.6	258.6	317.2	309.2	
		PUMP ENERGY GWH	-294.8	-317.4	-264.8	-314.6	-223.2	-306.8	-295.4	
φ 02/07/13	15:29:37	V04.0 R03.0							NewEnergy Associates	
									Strategist	Page 110

AEP EAST  
GENERATION AND FUEL MODULE  
STORAGE UNIT REPORT

			2039	2040
SMITH MT	0	CAPACITY FACTOR	0.0623	0.0570
INDEX #	1	GEN. CAPACITY	586.00	586.00
		VAR O&M CST \$000	0.0	0.0
		FIXED COST \$000	0.0	0.0
		AV VAR CST \$/MWH	0.00	0.00
		GENERATION GWH	319.8	292.6
		PUMP ENERGY GWH	-310.6	-271.8
φ 02/07/13	15:29:37	V04.0 R03.0		
			NewEnergy Associates	
			Strategist	
			Page 111	

AEP EAST  
GENERATION AND FUEL MODULE  
FUEL DATA REPORT

			2011	2012	2013	2014	2015	2016	2017	2018
AEP	# 1	AMOS_1								
		CONSUMPTION (TONS) 000	2135.	2172.	1606.	2076.	1648.	2077.	1948.	2108.
		CONSUMPTION 000 MBTU	52212.	53253.	39598.	51520.	41194.	51925.	48706.	52691.
		FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
		TOTAL FUEL COST \$000	123798.	141953.	116289.	166769.	137425.	176883.	167380.	187912.
		-----								
	# 2	AMOS_2								
		CONSUMPTION (TONS) 000	2337.	1711.	2044.	2082.	1904.	2106.	2147.	1974.
		CONSUMPTION 000 MBTU	57149.	41950.	50372.	51669.	47594.	52641.	53680.	49359.
		FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
		TOTAL FUEL COST \$000	138336.	110799.	147958.	167251.	158824.	179334.	184481.	176041.
		-----								
	# 3	AMOS_3								

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CONSUMPTION (TONS) 000	3116.	3797.	2990.	3454.	3131.	3451.	3165.	3485.
CONSUMPTION 000 MBTU	76193.	93101.	73712.	85727.	78274.	86273.	79114.	87132.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	184276.	247339.	216532.	277495.	261183.	293909.	271886.	310759.
-----								
# 4 BECK 6								
CONSUMPTION (TONS) 000	133.	142.	119.	141.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	3278.	3507.	2946.	3488.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	9037.	9570.	8329.	10106.	0.	0.	0.	0.
-----								
# 5 BIGS 1								
CONSUMPTION (TONS) 000	267.	160.	134.	85.	77.	0.	0.	0.
CONSUMPTION 000 MBTU	6503.	3864.	3228.	2068.	1919.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	18071.	4969.	10501.	6717.	6429.	0.	0.	0.
-----								
# 6 BIGS 2								
CONSUMPTION (TONS) 000	1502.	902.	828.	528.	183.	0.	0.	0.
CONSUMPTION 000 MBTU	36523.	21801.	19914.	12882.	4570.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	101474.	26948.	64787.	41858.	15222.	0.	0.	0.
-----								
# 7 CARD 1								
CONSUMPTION (TONS) 000	1063.	730.	1594.	1349.	1499.	1550.	1361.	1491.
CONSUMPTION 000 MBTU	25971.	17786.	38990.	33129.	36867.	38160.	33526.	37268.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	41169.	31985.	72443.	68184.	78073.	84243.	75682.	101260.
-----								
# 8 CARD 2								
CONSUMPTION (TONS) 000	1817.	1723.	1538.	1802.	1682.	1531.	1829.	1657.
CONSUMPTION 000 MBTU	44765.	42295.	37739.	44226.	41428.	37713.	45075.	41422.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	78193.	75892.	74268.	92330.	89792.	85145.	104907.	117499.
-----								
# 9 CARD 3								
CONSUMPTION (TONS) 000	1288.	1755.	1585.	1826.	1899.	1700.	1861.	1882.
CONSUMPTION 000 MBTU	29859.	42108.	38030.	43823.	45580.	40807.	44671.	47049.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	60928.	81283.	90031.	104199.	114746.	110063.	121827.	133482.
-----								
# 10 CLIF 1								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 11 CLIF 2								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 12 CLIF 3								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 13 CLIF 4								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 14 CLIF 5								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 15 CLIF 6								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 16 CLIN 1								
CONSUMPTION (TONS) 000	135.	301.	238.	379.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	3342.	7417.	5815.	9476.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	11264.	31063.	23712.	31535.	0.	0.	0.	0.
-----								
# 17 CLIN 2								
CONSUMPTION (TONS) 000	232.	235.	208.	298.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	5745.	5803.	5090.	7457.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	19370.	24100.	20755.	24822.	0.	0.	0.	0.
-----								
# 18 CLIN 3								
CONSUMPTION (TONS) 000	32.	34.	29.	48.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	795.	828.	707.	1210.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	2683.	3384.	2884.	4029.	0.	0.	0.	0.
-----								
# 19 CSVL 1								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.

FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 20 CSVL 2									
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 21 CSVL 3									
CONSUMPTION (TONS)	000	250.	285.	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	5737.	6677.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	16520.	21652.	0.	0.	0.	0.	0.	0.
-----									
# 22 CSVL 4									
CONSUMPTION (TONS)	000	752.	560.	680.	887.	755.	917.	933.	940.
CONSUMPTION	000 MBTU	17220.	13104.	15914.	20755.	17675.	21449.	21832.	21989.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	49614.	41893.	55321.	74653.	65876.	81426.	84631.	88532.
-----									
# 23 CSVL 5									
CONSUMPTION (TONS)	000	1087.	1057.	1109.	1221.	927.	1254.	1348.	1190.
CONSUMPTION	000 MBTU	24979.	24431.	25641.	28093.	21310.	28837.	31048.	27575.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	46439.	50678.	64818.	68487.	54300.	74911.	79407.	74107.
-----									
# 24 CSVL 6									
CONSUMPTION (TONS)	000	1058.	1095.	958.	1216.	1162.	995.	1352.	1349.
CONSUMPTION	000 MBTU	24294.	25322.	22149.	27959.	26736.	22881.	31143.	31257.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	45175.	52520.	55990.	68158.	68118.	59442.	79644.	83995.
-----									
# 25 COOK 1									
CONSUMPTION (GWH )	000	8554.	9563.	8734.	8763.	9536.	8761.	8764.	9537.
CONSUMPTION	000 MBTU	85539.	95634.	87342.	87630.	95365.	87606.	87635.	95365.
FIXED FUEL COST	\$000	5797.	5857.	3388.	2608.	2674.	2742.	2812.	2884.
TOTAL FUEL COST	\$000	80533.	88107.	72887.	69688.	72963.	67549.	67028.	71553.
-----									
# 26 COOK 2									
CONSUMPTION (GWH )	000	9968.	9163.	9054.	9968.	9138.	9169.	9968.	9135.
CONSUMPTION	000 MBTU	99680.	91630.	90536.	99680.	91377.	91685.	99679.	91353.
FIXED FUEL COST	\$000	5797.	5857.	3388.	2608.	2674.	2742.	2812.	2884.
TOTAL FUEL COST	\$000	86885.	79293.	74820.	78984.	70767.	70223.	74606.	70139.
-----									
# 27 GAVI 1									
CONSUMPTION (TONS)	000	4185.	4102.	4197.	3849.	4115.	3997.	4304.	3957.
CONSUMPTION	000 MBTU	101102.	95202.	97382.	89868.	96132.	93256.	100402.	91949.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	189542.	206697.	231526.	228919.	258322.	255264.	279810.	266390.

02/07/13 15:29:38 V04.0 R03.0

NewEnergy Associates  
Strategist Page

112

AEP EAST  
GENERATION AND FUEL MODULE  
FUEL DATA REPORT

AEP	2011	2012	2013	2014	2015	2016	2017	2018
# 28 GAVI 2								
CONSUMPTION (TONS)	000	3782.	4452.	4080.	4303.	3328.	4376.	4151.
CONSUMPTION	000 MBTU	91362.	103398.	94655.	100481.	77747.	102097.	96841.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	171205.	224687.	225033.	255960.	208916.	279451.	269859.
-----								
# 29 GLEN 5								
CONSUMPTION (TONS)	000	6.	6.	4.	4.	0.	0.	0.
CONSUMPTION	000 MBTU	140.	148.	107.	95.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	551.	582.	457.	415.	0.	0.	0.
-----								
# 30 GLEN 6								
CONSUMPTION (TONS)	000	28.	33.	18.	21.	0.	0.	0.
CONSUMPTION	000 MBTU	690.	831.	461.	521.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	2718.	3260.	1963.	2281.	0.	0.	0.
-----								
# 33 KAMM 1								
CONSUMPTION (TONS)	000	447.	614.	551.	502.	0.	0.	0.
CONSUMPTION	000 MBTU	10135.	13860.	12490.	11364.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	28933.	40533.	41056.	38268.	0.	0.	0.
-----								
# 34 KAMM 2								
CONSUMPTION (TONS)	000	446.	574.	552.	534.	0.	0.	0.
CONSUMPTION	000 MBTU	10100.	12960.	12517.	12105.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	28817.	38003.	41145.	40755.	0.	0.	0.
-----								
# 35 KAMM 3								
CONSUMPTION (TONS)	000	312.	378.	312.	321.	0.	0.	0.
CONSUMPTION	000 MBTU	7077.	8536.	7078.	7274.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	20906.	25473.	23273.	24499.	0.	0.	0.
-----								
# 36 KANA 1								
CONSUMPTION (TONS)	000	175.	407.	346.	346.	0.	0.	0.
CONSUMPTION	000 MBTU	4259.	9759.	8312.	8294.	0.	0.	0.

		4A Output.txt							
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	9599.	23160.	28658.	27600.	0.	0.	0.	0.
-----									
# 37 KANA_2									
CONSUMPTION (TONS)	000	205.	442.	336.	362.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	5004.	10620.	8065.	8679.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	11313.	25169.	27801.	28881.	0.	0.	0.	0.
-----									
# 38 KYGE_1									
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 39 KYGE_2									
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 40 KYGE_3									
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 41 KYGE_4									
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 42 KYGE_5									
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 43 MITC_1									
CONSUMPTION (TONS)	000	1566.	1845.	1628.	1839.	1776.	1654.	1852.	1849.
CONSUMPTION	000 MBTU	38929.	45945.	40339.	45560.	43969.	40946.	45861.	45775.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	90145.	121466.	108807.	122430.	120359.	117803.	141113.	144502.
-----									
# 44 MITC_2									
CONSUMPTION (TONS)	000	1744.	1559.	1748.	1822.	1615.	1874.	1844.	1626.
CONSUMPTION	000 MBTU	43357.	38809.	43309.	45140.	39984.	46390.	45655.	40254.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	100452.	102661.	116820.	121291.	109439.	133465.	140460.	127074.
-----									
# 45 MTRN_6.0									
CONSUMPTION (TONS)	000	3534.	3813.	3735.	3530.	3751.	2974.	4008.	3775.
CONSUMPTION	000 MBTU	86584.	94328.	93334.	88258.	93777.	74353.	100211.	94383.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	182217.	228290.	220048.	217765.	240763.	198337.	271272.	262094.
-----									
# 46 MUSK_1									
CONSUMPTION (TONS)	000	370.	310.	240.	291.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	9270.	8061.	6243.	7578.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	20385.	24413.	20220.	24768.	0.	0.	0.	0.
-----									
# 47 MUSK_2									
CONSUMPTION (TONS)	000	370.	352.	292.	322.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	9271.	9160.	7604.	8375.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	20394.	27791.	24624.	27373.	0.	0.	0.	0.
-----									
# 48 MUSK_3									
CONSUMPTION (TONS)	000	377.	331.	280.	307.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	9439.	8616.	7280.	7984.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	20751.	26115.	23575.	26093.	0.	0.	0.	0.
-----									
# 49 MUSK_4									
CONSUMPTION (TONS)	000	54.	47.	40.	43.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	1345.	1217.	1032.	1125.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	2985.	3718.	3342.	3676.	0.	0.	0.	0.
-----									
# 50 MUSK_5									
CONSUMPTION (TONS)	000	1445.	1271.	1480.	1439.	580.	0.	0.	0.
CONSUMPTION	000 MBTU	34720.	30677.	37008.	35968.	14498.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	97538.	106036.	148984.	148761.	60564.	0.	0.	0.
-----									
# 51 PSPN_1									
CONSUMPTION (TONS)	000	190.	192.	175.	122.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	4591.	4611.	4207.	2929.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	13033.	15265.	14966.	10570.	0.	0.	0.	0.
-----									
# 52 PSPN_2									
CONSUMPTION (TONS)	000	174.	230.	115.	163.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	4196.	5519.	2764.	3909.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	11933.	18246.	9838.	14106.	0.	0.	0.	0.



# 53 PSPN 3									
CONSUMPTION (TONS) 000	28.	31.	24.	22.	0.	0.	0.	0.	
CONSUMPTION 000 MBTU	665.	752.	583.	517.	0.	0.	0.	0.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	1889.	2516.	2075.	1867.	0.	0.	0.	0.	
# 54 PSPN 4									
CONSUMPTION (TONS) 000	25.	31.	18.	22.	0.	0.	0.	0.	
CONSUMPTION 000 MBTU	610.	748.	443.	522.	0.	0.	0.	0.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	1734.	2501.	1576.	1885.	0.	0.	0.	0.	
# 55 PSPN 5									
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.	
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
# 56 PICW 5									
CONSUMPTION (TONS) 000	6.	10.	6.	9.	0.	0.	0.	0.	
CONSUMPTION 000 MBTU	141.	229.	129.	196.	0.	0.	0.	0.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	423.	686.	415.	625.	0.	0.	0.	0.	

02/07/13 15:29:38 V04.0 R03.0

NewEnergy Associates  
Strategist Page

113

AEP EAST  
GENERATION AND FUEL MODULE  
FUEL DATA REPORT

AEP	2011	2012	2013	2014	2015	2016	2017	2018
# 58 ROCK 1IM								
CONSUMPTION (TONS) 000	3015.	4249.	3092.	3564.	3764.	676.	645.	696.
CONSUMPTION 000 MBTU	54640.	77754.	56211.	65184.	69179.	14314.	13650.	14734.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	113528.	151011.	141580.	160247.	191454.	32463.	32184.	35768.
# 59 ROCK 2IM								
CONSUMPTION (TONS) 000	4653.	3858.	4227.	3984.	3449.	2800.	3542.	2883.
CONSUMPTION 000 MBTU	84315.	70649.	76933.	72714.	63455.	51124.	65287.	53140.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	175295.	136106.	193701.	177999.	175687.	149194.	197034.	165173.
# 61 STUA 1								
CONSUMPTION (TONS) 000	451.	429.	414.	448.	418.	389.	473.	448.
CONSUMPTION 000 MBTU	10391.	9894.	9547.	10321.	9634.	8954.	10888.	10330.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	27857.	27394.	28040.	30416.	28393.	26568.	32411.	31268.
# 62 STUA 2								
CONSUMPTION (TONS) 000	389.	437.	453.	429.	432.	478.	455.	456.
CONSUMPTION 000 MBTU	8962.	10063.	10431.	9873.	9944.	11003.	10484.	10507.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	24060.	27885.	30635.	29096.	29304.	32642.	31211.	31802.
# 63 STUA 3								
CONSUMPTION (TONS) 000	380.	428.	439.	421.	416.	457.	438.	442.
CONSUMPTION 000 MBTU	8750.	9852.	10123.	9700.	9585.	10538.	10096.	10172.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	23489.	27299.	29730.	28587.	28246.	31266.	30055.	30789.
# 64 STUA 4								
CONSUMPTION (TONS) 000	429.	435.	448.	383.	424.	466.	449.	453.
CONSUMPTION 000 MBTU	9890.	10026.	10326.	8828.	9777.	10741.	10345.	10429.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	26546.	27780.	30327.	26015.	28814.	31866.	30798.	31567.
# 65 BSI CC								
CONSUMPTION (MCF) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
# 66 TANN 1								
CONSUMPTION (TONS) 000	21.	24.	16.	19.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	518.	568.	383.	460.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	1191.	1652.	1236.	1786.	0.	0.	0.	0.
# 67 TANN 2								
CONSUMPTION (TONS) 000	23.	25.	17.	20.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	550.	600.	402.	485.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	1264.	1746.	1298.	1883.	0.	0.	0.	0.
# 68 TANN 3								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
# 69 TANN 4								
CONSUMPTION (TONS) 000	718.	978.	575.	846.	661.	769.	704.	0.
CONSUMPTION 000 MBTU	13841.	18280.	10750.	15813.	12350.	14365.	13166.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	22799.	39326.	32451.	49154.	38642.	46091.	40666.	0.

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# 70 ZIMM 1									
CONSUMPTION (TONS) 000	965.	787.	953.	974.	857.	1054.	1073.	970.	
CONSUMPTION 000 MBTU	22862.	18641.	22596.	23084.	20316.	24983.	25430.	22981.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	53759.	47404.	59594.	61343.	52362.	65885.	68331.	62905.	
-----									
# 71 TCO POOL									
CONSUMPTION (MCF) 000	30218.	35867.	30635.	32110.	32893.	38727.	38475.	37160.	
CONSUMPTION 000 MBTU	31124.	36943.	31554.	33073.	33880.	39888.	39629.	38275.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	140192.	177847.	165193.	187424.	195935.	249527.	253601.	252309.	
-----									
# 72 DOMINON									
CONSUMPTION (MCF) 000	36175.	44572.	37329.	27573.	49610.	61092.	50828.	53657.	
CONSUMPTION 000 MBTU	37260.	45909.	38449.	28400.	51098.	62925.	52353.	55266.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	170315.	222166.	204415.	160208.	300153.	395281.	338250.	367319.	
-----									
# 73 TCO DELV									
CONSUMPTION (MCF) 000	0.	0.	14883.	15869.	21739.	21777.	22592.	22384.	
CONSUMPTION 000 MBTU	0.	0.	15330.	16345.	22391.	22430.	23269.	23055.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	0.	0.	83503.	98705.	137523.	148487.	157277.	160448.	
-----									
# 74 CEREDO									
CONSUMPTION (MCF) 000	0.	0.	0.	0.	0.	0.	0.	0.	
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
-----									
# 75 DARBY									
CONSUMPTION (MCF) 000	0.	0.	0.	0.	0.	0.	0.	0.	
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
-----									
# 76 DRESDEN									
CONSUMPTION (MCF) 000	0.	0.	0.	0.	0.	0.	0.	0.	
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
-----									
# 77 LANRNG									
CONSUMPTION (MCF) 000	0.	0.	0.	0.	0.	0.	0.	0.	
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
-----									
# 78 ROEMONE									
CONSUMPTION (MCF) 000	0.	0.	0.	0.	0.	0.	0.	0.	
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
-----									
# 79 WATERFOR									
CONSUMPTION (MCF) 000	0.	0.	0.	0.	0.	0.	0.	0.	
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
-----									
# 80 ROCK_5.1									
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	3530.	2654.	3350.	
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	74544.	56061.	70742.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	181713.	138894.	178097.	
-----									
# 81 MRS_NGCC									
CONSUMPTION (MCF) 000	0.	0.	0.	0.	25353.	26023.	25586.	25323.	
CONSUMPTION 000 MBTU	0.	0.	0.	0.	26113.	26804.	26353.	26082.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	0.	0.	0.	0.	145973.	155463.	157066.	169796.	
-----									
# 82 BS_RPWR									
CONSUMPTION (MCF) 000	0.	0.	0.	0.	0.	0.	0.	0.	
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
-----									
# 83 BS_NGCC									
CONSUMPTION (MCF) 000	0.	0.	0.	0.	0.	0.	0.	0.	
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
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02/07/13 15:29:38 V04.0 R03.0

NewEnergy Associates  
Strategist Page

114

AEP EAST  
GENERATION AND FUEL MODULE  
FUEL DATA REPORT

AEP	2019	2020	2021	2022	2023	2024	2025	2026
-----								
# 1 AMOS_1								
CONSUMPTION (TONS) 000	2103.	1869.	2123.	2028.	2032.	1793.	2058.	1910.
CONSUMPTION 000 MBTU	52585.	46736.	53063.	50702.	50797.	44822.	51460.	47753.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	191210.	173673.	201428.	186895.	190798.	171911.	201510.	190790.

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#	2	AMOS_2							
		CONSUMPTION	(TONS)	000	2144.	2155.	2068.	2087.	1925.
		CONSUMPTION	000	MBTU	53596.	53873.	51705.	52163.	48123.
		FIXED FUEL COST		\$000	0.	0.	0.	0.	0.
		TOTAL FUEL COST		\$000	194899.	200210.	196289.	192274.	180755.
-----									
#	3	AMOS_3							
		CONSUMPTION	(TONS)	000	3188.	3502.	3303.	3096.	3110.
		CONSUMPTION	000	MBTU	79710.	87560.	82586.	77410.	77759.
		FIXED FUEL COST		\$000	0.	0.	0.	0.	0.
		TOTAL FUEL COST		\$000	289852.	325405.	313534.	285315.	292098.
-----									
#	4	BECK_6							
		CONSUMPTION	(TONS)	000	0.	0.	0.	0.	0.
		CONSUMPTION	000	MBTU	0.	0.	0.	0.	0.
		FIXED FUEL COST		\$000	0.	0.	0.	0.	0.
		TOTAL FUEL COST		\$000	0.	0.	0.	0.	0.
-----									
#	5	BIGS_1							
		CONSUMPTION	(TONS)	000	0.	0.	0.	0.	0.
		CONSUMPTION	000	MBTU	0.	0.	0.	0.	0.
		FIXED FUEL COST		\$000	0.	0.	0.	0.	0.
		TOTAL FUEL COST		\$000	0.	0.	0.	0.	0.
-----									
#	6	BIGS_2							
		CONSUMPTION	(TONS)	000	0.	0.	0.	0.	0.
		CONSUMPTION	000	MBTU	0.	0.	0.	0.	0.
		FIXED FUEL COST		\$000	0.	0.	0.	0.	0.
		TOTAL FUEL COST		\$000	0.	0.	0.	0.	0.
-----									
#	7	CARD_1							
		CONSUMPTION	(TONS)	000	1589.	1343.	1529.	1320.	1473.
		CONSUMPTION	000	MBTU	39722.	33579.	38225.	33006.	36837.
		FIXED FUEL COST		\$000	0.	0.	0.	0.	0.
		TOTAL FUEL COST		\$000	109905.	94932.	110350.	94952.	108184.
-----									
#	8	CARD_2							
		CONSUMPTION	(TONS)	000	1490.	1785.	1668.	1469.	1745.
		CONSUMPTION	000	MBTU	37259.	44626.	41694.	36729.	43620.
		FIXED FUEL COST		\$000	0.	0.	0.	0.	0.
		TOTAL FUEL COST		\$000	107573.	131502.	125351.	110447.	133768.
-----									
#	9	CARD_3							
		CONSUMPTION	(TONS)	000	1629.	1817.	1823.	1782.	1803.
		CONSUMPTION	000	MBTU	40726.	45437.	45576.	44555.	45078.
		FIXED FUEL COST		\$000	0.	0.	0.	0.	0.
		TOTAL FUEL COST		\$000	117593.	133905.	137035.	133975.	138249.
-----									
#	10	CLIF_1							
		CONSUMPTION	(TONS)	000	0.	0.	0.	0.	0.
		CONSUMPTION	000	MBTU	0.	0.	0.	0.	0.
		FIXED FUEL COST		\$000	0.	0.	0.	0.	0.
		TOTAL FUEL COST		\$000	0.	0.	0.	0.	0.
-----									
#	11	CLIF_2							
		CONSUMPTION	(TONS)	000	0.	0.	0.	0.	0.
		CONSUMPTION	000	MBTU	0.	0.	0.	0.	0.
		FIXED FUEL COST		\$000	0.	0.	0.	0.	0.
		TOTAL FUEL COST		\$000	0.	0.	0.	0.	0.
-----									
#	12	CLIF_3							
		CONSUMPTION	(TONS)	000	0.	0.	0.	0.	0.
		CONSUMPTION	000	MBTU	0.	0.	0.	0.	0.
		FIXED FUEL COST		\$000	0.	0.	0.	0.	0.
		TOTAL FUEL COST		\$000	0.	0.	0.	0.	0.
-----									
#	13	CLIF_4							
		CONSUMPTION	(TONS)	000	0.	0.	0.	0.	0.
		CONSUMPTION	000	MBTU	0.	0.	0.	0.	0.
		FIXED FUEL COST		\$000	0.	0.	0.	0.	0.
		TOTAL FUEL COST		\$000	0.	0.	0.	0.	0.
-----									
#	14	CLIF_5							
		CONSUMPTION	(TONS)	000	0.	0.	0.	0.	0.
		CONSUMPTION	000	MBTU	0.	0.	0.	0.	0.
		FIXED FUEL COST		\$000	0.	0.	0.	0.	0.
		TOTAL FUEL COST		\$000	0.	0.	0.	0.	0.
-----									
#	15	CLIF_6							
		CONSUMPTION	(TONS)	000	0.	0.	0.	0.	0.
		CONSUMPTION	000	MBTU	0.	0.	0.	0.	0.
		FIXED FUEL COST		\$000	0.	0.	0.	0.	0.
		TOTAL FUEL COST		\$000	0.	0.	0.	0.	0.
-----									
#	16	CLIN_1							
		CONSUMPTION	(TONS)	000	0.	0.	0.	0.	0.
		CONSUMPTION	000	MBTU	0.	0.	0.	0.	0.
		FIXED FUEL COST		\$000	0.	0.	0.	0.	0.
		TOTAL FUEL COST		\$000	0.	0.	0.	0.	0.
-----									
#	17	CLIN_2							
		CONSUMPTION	(TONS)	000	0.	0.	0.	0.	0.
		CONSUMPTION	000	MBTU	0.	0.	0.	0.	0.
		FIXED FUEL COST		\$000	0.	0.	0.	0.	0.
		TOTAL FUEL COST		\$000	0.	0.	0.	0.	0.
-----									
#	18	CLIN_3							

CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 19 CSVL 1								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 20 CSVL 2								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 21 CSVL 3								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 22 CSVL 4								
CONSUMPTION (TONS) 000	926.	1002.	1072.	1024.	925.	996.	994.	933.
CONSUMPTION 000 MBTU	21657.	23449.	24646.	23555.	21277.	22907.	22871.	21462.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	89579.	82931.	88637.	84951.	78223.	86050.	87737.	84045.
-----								
# 23 CSVL 5								
CONSUMPTION (TONS) 000	1102.	1034.	1079.	918.	976.	1000.	793.	990.
CONSUMPTION 000 MBTU	27561.	25856.	26984.	22949.	24393.	25005.	19829.	24740.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	92796.	88868.	94630.	80717.	87496.	91687.	74102.	94422.
-----								
# 24 CSVL 6								
CONSUMPTION (TONS) 000	1058.	920.	1049.	1053.	911.	1012.	801.	1052.
CONSUMPTION 000 MBTU	26454.	23001.	26233.	26324.	22779.	25292.	20013.	26304.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	89063.	79061.	91992.	92573.	81704.	92738.	74786.	100387.
-----								
# 25 COOK 1								
CONSUMPTION (GWH ) 000	8734.	8791.	9537.	8734.	8557.	9563.	8737.	8763.
CONSUMPTION 000 MBTU	87335.	87908.	95366.	87337.	85570.	95633.	87369.	87628.
FIXED FUEL COST \$000	2958.	3035.	3113.	3194.	3276.	3362.	3449.	3539.
TOTAL FUEL COST \$000	67063.	68565.	77149.	72840.	72734.	84015.	78999.	81417.
-----								
# 26 COOK 2								
CONSUMPTION (GWH ) 000	9141.	9996.	9137.	9141.	9968.	9168.	9141.	9968.
CONSUMPTION 000 MBTU	91410.	99957.	91374.	91408.	99679.	91680.	91413.	99679.
FIXED FUEL COST \$000	2958.	3035.	3113.	3194.	3276.	3362.	3449.	3539.
TOTAL FUEL COST \$000	70859.	77927.	73422.	74390.	82814.	78367.	79987.	87927.
-----								
# 27 GAVI 1								
CONSUMPTION (TONS) 000	4089.	3845.	4073.	3742.	3974.	3692.	3998.	3755.
CONSUMPTION 000 MBTU	100793.	95198.	101005.	93541.	99354.	92303.	99939.	93863.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	286949.	276745.	300666.	279398.	302703.	287665.	317456.	304738.

02/07/13 15:29:38 V04.0 R03.0

NewEnergy Associates  
Strategist Page

115

AEP EAST  
GENERATION AND FUEL MODULE  
FUEL DATA REPORT

AEP	2019	2020	2021	2022	2023	2024	2025	2026
# 28 GAVI 2								
CONSUMPTION (TONS) 000	3873.	4211.	3706.	4087.	3846.	4114.	3214.	4107.
CONSUMPTION 000 MBTU	95466.	104271.	91913.	102170.	96148.	102843.	80341.	102682.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	271752.	303100.	273629.	305157.	292924.	320525.	255200.	333352.
-----								
# 29 GLEN 5								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 30 GLEN 6								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 33 KAMM 1								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 34 KAMM 2								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 35 KAMM 3								

CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 36 KANA_1								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 37 KANA_2								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 38 KYGE_1								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 39 KYGE_2								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 40 KYGE_3								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 41 KYGE_4								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 42 KYGE_5								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 43 MITC_1								
CONSUMPTION (TONS) 000	1651.	1887.	1651.	1821.	1667.	1826.	1742.	1596.
CONSUMPTION 000 MBTU	40886.	46717.	40868.	45319.	41269.	45184.	43106.	39501.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	132340.	154936.	139229.	153921.	145117.	162944.	159771.	150344.
-----								
# 44 MITC_2								
CONSUMPTION (TONS) 000	1852.	1859.	1860.	1597.	1812.	1819.	1594.	1812.
CONSUMPTION 000 MBTU	45847.	46029.	46044.	39738.	44848.	45012.	39446.	44855.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	148393.	152644.	156830.	134957.	157702.	162309.	146188.	170722.
-----								
# 45 MTNR_6.0								
CONSUMPTION (TONS) 000	4015.	3792.	3942.	3698.	3844.	3571.	3871.	2952.
CONSUMPTION 000 MBTU	100364.	94809.	98548.	92454.	96094.	89272.	96778.	73810.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	283717.	272746.	289418.	271515.	287982.	272872.	301629.	235231.
-----								
# 46 MUSK_1								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 47 MUSK_2								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 48 MUSK_3								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 49 MUSK_4								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 50 MUSK_5								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 51 PSPN_1								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.

FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 52 PSPN 2									
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 53 PSPN 3									
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 54 PSPN 4									
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 55 PSPN 5									
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 56 PICW 5									
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.

02/07/13 15:29:38 V04.0 R03.0

AEP EAST  
GENERATION AND FUEL MODULE  
FUEL DATA REPORT

AEP		2019	2020	2021	2022	2023	2024	2025	2026
# 58 ROCK 1IM									
CONSUMPTION (TONS)	000	706.	661.	694.	583.	611.	538.	615.	615.
CONSUMPTION	000 MBTU	14938.	13957.	14662.	12318.	12904.	11371.	12993.	12995.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	37158.	35555.	38376.	32371.	34810.	31585.	36997.	38043.
-----									
# 59 ROCK 2IM									
CONSUMPTION (TONS)	000	2293.	393.	638.	586.	517.	583.	430.	519.
CONSUMPTION	000 MBTU	42255.	7242.	11750.	10802.	9522.	10750.	7934.	9557.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	135129.	23883.	39802.	37024.	33494.	38886.	29488.	36384.
-----									
# 61 STUA 1									
CONSUMPTION (TONS)	000	447.	481.	450.	446.	476.	449.	402.	477.
CONSUMPTION	000 MBTU	10306.	11073.	10372.	10279.	10976.	10354.	9253.	10984.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	31707.	34619.	33155.	32958.	35960.	34648.	31613.	38400.
-----									
# 62 STUA 2									
CONSUMPTION (TONS)	000	485.	457.	457.	485.	455.	457.	486.	455.
CONSUMPTION	000 MBTU	11184.	10538.	10521.	11171.	10478.	10521.	11189.	10481.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	34409.	32949.	33628.	35819.	34330.	35205.	38222.	36645.
-----									
# 63 STUA 3									
CONSUMPTION (TONS)	000	475.	449.	449.	470.	441.	444.	473.	443.
CONSUMPTION	000 MBTU	10949.	10344.	10353.	10837.	10165.	10232.	10891.	10201.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	33686.	32345.	33094.	34750.	33306.	34238.	37206.	35665.
-----									
# 64 STUA 4									
CONSUMPTION (TONS)	000	484.	458.	457.	481.	405.	454.	483.	453.
CONSUMPTION	000 MBTU	11144.	10542.	10528.	11073.	9329.	10465.	11138.	10437.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	34284.	32962.	33652.	35507.	30565.	35019.	38049.	36491.
-----									
# 65 BSL CC									
CONSUMPTION (MCCFF)	000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 66 TANN 1									
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 67 TANN 2									
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 68 TANN 3									
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.

FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 69 TANN 4									
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 70 ZIMM 1									
CONSUMPTION (TONS)	000	1076.	1084.	912.	1042.	1042.	945.	1048.	1049.
CONSUMPTION	000 MBTU	25509.	25689.	21607.	25006.	25010.	22671.	25153.	25175.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	71091.	72875.	62375.	74936.	76697.	70889.	80403.	82231.
-----									
# 71 TCO POOL									
CONSUMPTION (MCF)	000	36645.	37034.	36435.	33219.	32725.	33430.	33519.	32898.
CONSUMPTION	000 MBTU	37744.	38145.	37528.	34215.	33706.	34433.	34525.	33885.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	253792.	258831.	263657.	250871.	253650.	267517.	276483.	275190.
-----									
# 72 DOMINON									
CONSUMPTION (MCF)	000	48537.	53591.	61627.	63935.	66299.	66287.	65916.	73936.
CONSUMPTION	000 MBTU	49993.	55198.	63475.	65853.	68288.	68275.	67893.	76154.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	340066.	378073.	449612.	487111.	518228.	534412.	548342.	621864.
-----									
# 73 TCO DELV									
CONSUMPTION (MCF)	000	22328.	22523.	22278.	21689.	22145.	22374.	22057.	22413.
CONSUMPTION	000 MBTU	22997.	23199.	22946.	22340.	22810.	23045.	22719.	23085.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	163199.	165970.	169830.	172471.	180541.	188180.	191017.	196755.
-----									
# 74 CEREDO									
CONSUMPTION (MCF)	000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 75 DARBY									
CONSUMPTION (MCF)	000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 76 DRESDEN									
CONSUMPTION (MCF)	000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 77 LAWRNG									
CONSUMPTION (MCF)	000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 78 ROBMOME									
CONSUMPTION (MCF)	000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 79 WATERFOR									
CONSUMPTION (MCF)	000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 80 ROCK 5.1									
CONSUMPTION (TONS)	000	3407.	6421.	6442.	6021.	5204.	5383.	6082.	5644.
CONSUMPTION	000 MBTU	71960.	135619.	136045.	127159.	109901.	113684.	128451.	119210.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	184035.	353629.	361528.	339202.	298635.	315737.	364452.	344195.
-----									
# 81 MRS NGCC									
CONSUMPTION (MCF)	000	25241.	25357.	25220.	25322.	25241.	25360.	25213.	25240.
CONSUMPTION	000 MBTU	25998.	26118.	25977.	26081.	25999.	26121.	25970.	25997.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	175488.	180472.	185733.	190132.	194729.	202178.	206717.	210314.
-----									
# 82 BS RPWR									
CONSUMPTION (MCF)	000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 83 BS NGCC									
CONSUMPTION (MCF)	000	0.	0.	0.	0.	0.	0.	0.	12317.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.	0.	12686.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	94630.

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FUEL DATA REPORT

AEP		2027	2028	2029	2030	2031	2032	2033	2034
# 1	AMOS_1								
	CONSUMPTION (TONS) 000	2035.	2061.	1787.	2066.	1902.	2070.	2066.	1806.
	CONSUMPTION 000 MBTU	50867.	51515.	44668.	51659.	47543.	51741.	51661.	45141.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	207825.	214591.	190055.	223965.	210373.	233622.	237903.	212355.
# 2	AMOS_2								
	CONSUMPTION (TONS) 000	2097.	1943.	2101.	2127.	2122.	2124.	1955.	2112.
	CONSUMPTION 000 MBTU	52424.	48582.	52518.	53173.	53051.	53111.	48873.	52799.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	214183.	202378.	223493.	230540.	234780.	239801.	225065.	248419.
# 3	AMOS_3								
	CONSUMPTION (TONS) 000	3114.	3146.	3134.	3497.	3504.	3144.	3174.	3161.
	CONSUMPTION 000 MBTU	77859.	78640.	78341.	87431.	87597.	78596.	79347.	79016.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	318071.	327615.	333383.	379053.	387661.	354837.	365434.	371769.
# 4	BECK_6								
	CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
	CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
# 5	BIGS_1								
	CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
	CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
# 6	BIGS_2								
	CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
	CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
# 7	CARD_1								
	CONSUMPTION (TONS) 000	1477.	1330.	1512.	1326.	1482.	1335.	1518.	1330.
	CONSUMPTION 000 MBTU	36917.	33254.	37803.	33147.	37045.	33376.	37946.	33257.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	117268.	107968.	124995.	111912.	127666.	117364.	136080.	121582.
# 8	CARD_2								
	CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
	CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
# 9	CARD_3								
	CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
	CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
# 10	CLIF_1								
	CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
	CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
# 11	CLIF_2								
	CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
	CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
# 12	CLIF_3								
	CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
	CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
# 13	CLIF_4								
	CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
	CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
# 14	CLIF_5								
	CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
	CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
# 15	CLIF_6								
	CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
	CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
# 16	CLIN_1								
	CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
	CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.



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# 17 CLIN 2	CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
	CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
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# 18 CLIN 3	CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
	CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
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# 19 CSVL 1	CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
	CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 20 CSVL 2	CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
	CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 21 CSVL 3	CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
	CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
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# 22 CSVL 4	CONSUMPTION (TONS) 000	998.	999.	941.	1007.	1010.	952.	1013.	1019.
	CONSUMPTION 000 MBTU	22964.	22988.	21640.	23155.	23224.	21900.	23303.	23435.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	91768.	93696.	90147.	98314.	100691.	96918.	105226.	107925.
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# 23 CSVL 5	CONSUMPTION (TONS) 000	1005.	892.	1011.	969.	1016.	949.	1013.	1027.
	CONSUMPTION 000 MBTU	25124.	22290.	25265.	24219.	25389.	23720.	25316.	25680.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	97895.	88641.	102478.	100417.	107296.	102384.	111544.	115452.
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# 24 CSVL 6	CONSUMPTION (TONS) 000	973.	792.	1026.	1070.	1032.	925.	1051.	821.
	CONSUMPTION 000 MBTU	24335.	19799.	25653.	26741.	25799.	23119.	26287.	20524.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	94821.	78738.	104052.	110868.	109027.	99782.	115811.	92279.
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# 25 COOK 1	CONSUMPTION (GWH ) 000	9537.	8756.	8768.	9537.	8736.	8787.	9537.	8729.
	CONSUMPTION 000 MBTU	95365.	87559.	87683.	95366.	87357.	87870.	95365.	87292.
	FIXED FUEL COST \$000	3632.	3727.	3825.	3926.	4029.	4135.	4244.	4357.
	TOTAL FUEL COST \$000	90464.	86164.	88500.	98070.	92993.	95668.	106615.	100807.
-----									
# 26 COOK 2	CONSUMPTION (GWH ) 000	9137.	9172.	9968.	9140.	9141.	9996.	9137.	9145.
	CONSUMPTION 000 MBTU	91372.	91723.	99679.	91404.	91411.	99956.	91368.	91447.
	FIXED FUEL COST \$000	3632.	3727.	3825.	3926.	4029.	4135.	4244.	4357.
	TOTAL FUEL COST \$000	82839.	84990.	94032.	88501.	90354.	100426.	94126.	96061.
-----									
# 27 GAVI 1	CONSUMPTION (TONS) 000	3987.	3682.	3991.	3760.	3996.	3778.	4006.	3699.
	CONSUMPTION 000 MBTU	99678.	92056.	99785.	93994.	99901.	94444.	100151.	92467.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	330562.	311760.	344884.	331458.	359251.	346248.	375157.	353751.

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NewEnergy Associates  
Strategist Page

118

AEP EAST  
GENERATION AND FUEL MODULE  
FUEL DATA REPORT

AEP	2027	2028	2029	2030	2031	2032	2033	2034	
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# 28 GAVI 2	CONSUMPTION (TONS) 000	3854.	4111.	3778.	4116.	3636.	4127.	3874.	4126.
	CONSUMPTION 000 MBTU	96342.	102778.	94460.	102899.	90905.	103173.	96862.	103155.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	319469.	348038.	326440.	362836.	326937.	378231.	362824.	394653.
-----									
# 29 GLEN 5	CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
	CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 30 GLEN 6	CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
	CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 33 KAMM 1	CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
	CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.

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# 34	KAMM_2										
	CONSUMPTION	(TONS)	000	0.	0.	0.	0.	0.	0.	0.	
	CONSUMPTION	000	MBTU	0.	0.	0.	0.	0.	0.	0.	
	FIXED FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	
	TOTAL FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	
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# 35	KAMM_3										
	CONSUMPTION	(TONS)	000	0.	0.	0.	0.	0.	0.	0.	
	CONSUMPTION	000	MBTU	0.	0.	0.	0.	0.	0.	0.	
	FIXED FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	
	TOTAL FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	
-----											
# 36	KANA_1										
	CONSUMPTION	(TONS)	000	0.	0.	0.	0.	0.	0.	0.	
	CONSUMPTION	000	MBTU	0.	0.	0.	0.	0.	0.	0.	
	FIXED FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	
	TOTAL FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	
-----											
# 37	KANA_2										
	CONSUMPTION	(TONS)	000	0.	0.	0.	0.	0.	0.	0.	
	CONSUMPTION	000	MBTU	0.	0.	0.	0.	0.	0.	0.	
	FIXED FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	
	TOTAL FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	
-----											
# 38	KYGE_1										
	CONSUMPTION	(TONS)	000	0.	0.	0.	0.	0.	0.	0.	
	CONSUMPTION	000	MBTU	0.	0.	0.	0.	0.	0.	0.	
	FIXED FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	
	TOTAL FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	
-----											
# 39	KYGE_2										
	CONSUMPTION	(TONS)	000	0.	0.	0.	0.	0.	0.	0.	
	CONSUMPTION	000	MBTU	0.	0.	0.	0.	0.	0.	0.	
	FIXED FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	
	TOTAL FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	
-----											
# 40	KYGE_3										
	CONSUMPTION	(TONS)	000	0.	0.	0.	0.	0.	0.	0.	
	CONSUMPTION	000	MBTU	0.	0.	0.	0.	0.	0.	0.	
	FIXED FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	
	TOTAL FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	
-----											
# 41	KYGE_4										
	CONSUMPTION	(TONS)	000	0.	0.	0.	0.	0.	0.	0.	
	CONSUMPTION	000	MBTU	0.	0.	0.	0.	0.	0.	0.	
	FIXED FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	
	TOTAL FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	
-----											
# 42	KYGE_5										
	CONSUMPTION	(TONS)	000	0.	0.	0.	0.	0.	0.	0.	
	CONSUMPTION	000	MBTU	0.	0.	0.	0.	0.	0.	0.	
	FIXED FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	
	TOTAL FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	
-----											
# 43	MITC_1			1809.	1808.	1597.	1816.	1584.	1814.	1664.	1806.
	CONSUMPTION	(TONS)	000								
	CONSUMPTION	000	MBTU	44763.	44736.	39537.	44957.	39207.	44900.	41180.	44695.
	FIXED FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST		\$000	174399.	178764.	162337.	189068.	168824.	198250.	186348.	207166.
-----											
# 44	MITC_2			1805.	1596.	1808.	1811.	1812.	1600.	1817.	1802.
	CONSUMPTION	(TONS)	000								
	CONSUMPTION	000	MBTU	44674.	39508.	44751.	44810.	44858.	39610.	44980.	44612.
	FIXED FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST		\$000	174034.	157875.	183737.	188440.	193120.	174877.	203548.	206767.
-----											
# 45	MTNR_6.0			3943.	3725.	3947.	3727.	3880.	3746.	3884.	3578.
	CONSUMPTION	(TONS)	000								
	CONSUMPTION	000	MBTU	98583.	93123.	98674.	93185.	97007.	93654.	97097.	89456.
	FIXED FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST		\$000	320042.	308829.	334139.	322065.	342067.	336779.	355970.	335084.
-----											
# 46	MUSK_1			0.	0.	0.	0.	0.	0.	0.	0.
	CONSUMPTION	(TONS)	000								
	CONSUMPTION	000	MBTU	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----											
# 47	MUSK_2			0.	0.	0.	0.	0.	0.	0.	0.
	CONSUMPTION	(TONS)	000								
	CONSUMPTION	000	MBTU	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----											
# 48	MUSK_3			0.	0.	0.	0.	0.	0.	0.	0.
	CONSUMPTION	(TONS)	000								
	CONSUMPTION	000	MBTU	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----											
# 49	MUSK_4			0.	0.	0.	0.	0.	0.	0.	0.
	CONSUMPTION	(TONS)	000								
	CONSUMPTION	000	MBTU	0.	0.	0.	0.	0.	0.	0.	0.
	FIXED FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	0.
-----											
# 50	MUSK_5			0.	0.	0.	0.	0.	0.	0.	0.

CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 51 PSPN_1								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 52 PSPN_2								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 53 PSPN_3								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 54 PSPN_4								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 55 PSPN_5								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 56 PICW_5								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.

02/07/13 15:29:39 V04.0 R03.0

AEP EAST GENERATION AND FUEL MODULE FUEL DATA REPORT

AEP	2027	2028	2029	2030	2031	2032	2033	2034
-----								
# 58 ROCK_LIM								
CONSUMPTION (TONS) 000	583.	617.	582.	617.	536.	619.	620.	586.
CONSUMPTION 000 MBTU	12310.	13022.	12283.	13036.	11324.	13081.	13098.	12367.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	36895.	40071.	38783.	42198.	37566.	44567.	45670.	44234.
-----								
# 59 ROCK_2IM								
CONSUMPTION (TONS) 000	538.	483.	535.	392.	493.	524.	455.	510.
CONSUMPTION 000 MBTU	9922.	8909.	9855.	7218.	9095.	9651.	8386.	9403.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	38867.	35790.	40573.	30506.	39447.	42917.	38301.	44068.
-----								
# 61 STUA_1								
CONSUMPTION (TONS) 000	447.	449.	477.	448.	447.	478.	447.	403.
CONSUMPTION 000 MBTU	10290.	10342.	10982.	10313.	10291.	11006.	10293.	9289.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	36698.	37603.	40809.	39149.	39884.	43536.	41541.	38232.
-----								
# 62 STUA_2								
CONSUMPTION (TONS) 000	455.	487.	455.	456.	486.	457.	456.	487.
CONSUMPTION 000 MBTU	10490.	11231.	10486.	10506.	11208.	10531.	10505.	11219.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	37408.	40835.	38967.	39879.	43440.	41658.	42390.	46169.
-----								
# 63 STUA_3								
CONSUMPTION (TONS) 000	441.	472.	443.	445.	474.	446.	446.	476.
CONSUMPTION 000 MBTU	10162.	10866.	10200.	10244.	10920.	10286.	10277.	10963.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	36239.	39509.	37903.	38884.	42321.	40690.	41474.	45119.
-----								
# 64 STUA_4								
CONSUMPTION (TONS) 000	452.	483.	453.	454.	484.	409.	454.	484.
CONSUMPTION 000 MBTU	10413.	11134.	10427.	10449.	11144.	9416.	10452.	11160.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	37135.	40483.	38749.	39662.	43193.	37246.	42180.	45928.
-----								
# 65 BSI_CC								
CONSUMPTION (MCF) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 66 TANN_1								
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
-----								
# 67 TANN_2								

CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 68 TANN 3									
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 69 TANN 4									
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	0.
-----									
# 70 ZIMM 1									
CONSUMPTION (TONS) 000	884.	1048.	1046.	942.	1049.	1052.	886.	1049.	
CONSUMPTION 000 MBTU	21211.	25141.	25105.	22614.	25175.	25252.	21269.	25174.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	70770.	85889.	87521.	80651.	91537.	93833.	80735.	97820.	
-----									
# 71 TCO POOL									
CONSUMPTION (MCF) 000	33730.	33074.	33680.	33557.	35095.	34082.	33858.	34047.	
CONSUMPTION 000 MBTU	34741.	34066.	34690.	34563.	36148.	35104.	34874.	35068.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	288761.	289675.	301258.	304675.	324380.	321345.	325345.	333079.	
-----									
# 72 DOMINON									
CONSUMPTION (MCF) 000	63056.	70210.	65475.	68450.	72593.	72137.	75758.	76628.	
CONSUMPTION 000 MBTU	64948.	72316.	67439.	70503.	74770.	74301.	78031.	78927.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	544759.	618525.	590183.	625150.	675769.	684299.	732089.	753098.	
-----									
# 73 TCO DELV									
CONSUMPTION (MCF) 000	21683.	22451.	22259.	22211.	22251.	22595.	22491.	22291.	
CONSUMPTION 000 MBTU	22333.	23125.	22926.	22878.	22919.	23272.	23165.	22960.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	194892.	206126.	208698.	211258.	215331.	222785.	225904.	228064.	
-----									
# 74 CEREDO									
CONSUMPTION (MCF) 000	0.	0.	0.	0.	0.	0.	0.	0.	
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
-----									
# 75 DARBY									
CONSUMPTION (MCF) 000	0.	0.	0.	0.	0.	0.	0.	0.	
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
-----									
# 76 DRESDEN									
CONSUMPTION (MCF) 000	0.	0.	0.	0.	0.	0.	0.	0.	
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
-----									
# 77 LANRNG									
CONSUMPTION (MCF) 000	0.	0.	0.	0.	0.	0.	0.	0.	
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
-----									
# 78 ROBHOME									
CONSUMPTION (MCF) 000	0.	0.	0.	0.	0.	0.	0.	0.	
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
-----									
# 79 WATERFOR									
CONSUMPTION (MCF) 000	0.	0.	0.	0.	0.	0.	0.	0.	
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
-----									
# 80 ROCK 5.1									
CONSUMPTION (TONS) 000	6113.	5663.	5407.	5964.	5338.	6205.	6092.	6010.	
CONSUMPTION 000 MBTU	129108.	119603.	114195.	125955.	112735.	131040.	128665.	126922.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	380507.	359663.	350232.	395116.	360384.	426775.	428033.	431121.	
-----									
# 81 MRS NGCC									
CONSUMPTION (MCF) 000	25109.	25154.	25080.	25179.	25209.	25283.	25202.	25177.	
CONSUMPTION 000 MBTU	25862.	25909.	25833.	25935.	25965.	26042.	25958.	25932.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	213877.	218670.	223196.	226928.	230050.	233336.	235439.	238054.	
-----									
# 82 BS RPWR									
CONSUMPTION (MCF) 000	0.	0.	0.	0.	0.	0.	0.	0.	
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
-----									
# 83 BS NGCC									
CONSUMPTION (MCF) 000	12445.	12386.	12401.	12523.	12638.	12787.	12945.	13016.	
CONSUMPTION 000 MBTU	12818.	12757.	12774.	12898.	13017.	13171.	13334.	13407.	

FIXED FUEL COST	\$000	0.	0.	4A Output.txt	0.	0.	0.	0.
TOTAL FUEL COST	\$000	97818.	99519.	101889.	104449.	107574.	110833.	114235.
								116951.

02/07/13 15:29:39 V04.0 R03.0

NewEnergy Associates  
Strategist Page 120

AEP EAST  
GENERATION AND FUEL MODULE  
FUEL DATA REPORT

AEP		2035	2036	2037	2038	2039	2040
# 1 AMOS_1							
CONSUMPTION (TONS)	000	2066.	1922.	2038.	2078.	2056.	2030.
CONSUMPTION	000 MBTU	51654.	48057.	50939.	51938.	51389.	50753.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	247674.	234720.	253910.	263561.	265906.	267687.
# 2 AMOS_2							
CONSUMPTION (TONS)	000	2129.	2149.	2104.	2137.	2116.	2113.
CONSUMPTION	000 MBTU	53224.	53715.	52600.	53422.	52906.	52822.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	255214.	262398.	262184.	271105.	273747.	278618.
# 3 AMOS_3							
CONSUMPTION (TONS)	000	3521.	3535.	3147.	3537.	3176.	3511.
CONSUMPTION	000 MBTU	88030.	88376.	78674.	88414.	79403.	87769.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	422096.	431719.	392115.	448661.	410818.	462922.
# 4 BECK_6							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
# 5 BIGS_1							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
# 6 BIGS_2							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
# 7 CARD_1							
CONSUMPTION (TONS)	000	1485.	1338.	1522.	1332.	1332.	1491.
CONSUMPTION	000 MBTU	37137.	33454.	38038.	33307.	33292.	37278.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	138370.	126996.	147049.	131082.	133348.	152303.
# 8 CARD_2							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
# 9 CARD_3							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
# 10 CLIF_1							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
# 11 CLIF_2							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
# 12 CLIF_3							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
# 13 CLIF_4							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
# 14 CLIF_5							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
# 15 CLIF_6							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.

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FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
-----							
# 16 CLIN_1							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
-----							
# 17 CLIN_2							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
-----							
# 18 CLIN_3							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
-----							
# 19 CSVL_1							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
-----							
# 20 CSVL_2							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
-----							
# 21 CSVL_3							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
-----							
# 22 CSVL_4							
CONSUMPTION (TONS)	000	960.	1030.	1026.	967.	1034.	975.
CONSUMPTION	000 MBTU	22082.	23683.	23594.	22242.	23775.	22436.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	103900.	113566.	115253.	110652.	120652.	116098.
-----							
# 23 CSVL_5							
CONSUMPTION (TONS)	000	819.	1032.	1033.	926.	1047.	1007.
CONSUMPTION	000 MBTU	20482.	25811.	25828.	23139.	26181.	25175.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	93934.	120683.	123084.	112356.	129473.	127016.
-----							
# 24 CSVL_6							
CONSUMPTION (TONS)	000	1001.	1000.	1063.	907.	1071.	1116.
CONSUMPTION	000 MBTU	25030.	24989.	26574.	22671.	26770.	27902.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	114787.	116834.	126641.	110090.	132385.	140765.
-----							
# 25 COOK_1							
CONSUMPTION (GWH )	000	8559.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	85586.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	4472.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	101729.	0.	0.	0.	0.	0.
-----							
# 26 COOK_2							
CONSUMPTION (GWH )	000	9968.	9168.	9143.	0.	0.	0.
CONSUMPTION	000 MBTU	99679.	91684.	91427.	0.	0.	0.
FIXED FUEL COST	\$000	4472.	4591.	4713.	0.	0.	0.
TOTAL FUEL COST	\$000	106319.	98353.	98173.	0.	0.	0.
-----							
# 27 GAVI_1							
CONSUMPTION (TONS)	000	4010.	3786.	4016.	3699.	4017.	3791.
CONSUMPTION	000 MBTU	100254.	94644.	100406.	92469.	100425.	94774.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	390555.	376290.	406188.	381514.	422326.	405212.

02/07/13 15:29:39 V04.0 R03.0

NewEnergy Associates  
Strategist Page 121

AEP EAST  
GENERATION AND FUEL MODULE  
FUEL DATA REPORT

AEP	2035	2036	2037	2038	2039	2040
# 28 GAVI_2						
CONSUMPTION (TONS)	000	3234.	4141.	3882.	4133.	3803.
CONSUMPTION	000 MBTU	80841.	103525.	97053.	103319.	95071.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	314926.	411578.	392586.	426236.	399769.
-----						
# 29 GLEN_5						
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.
-----						
# 30 GLEN_6						
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.

FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
-----							
# 33 KAMM_1							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
-----							
# 34 KAMM_2							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
-----							
# 35 KAMM_3							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
-----							
# 36 KANA_1							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
-----							
# 37 KANA_2							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
-----							
# 38 KYGE_1							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
-----							
# 39 KYGE_2							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
-----							
# 40 KYGE_3							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
-----							
# 41 KYGE_4							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
-----							
# 42 KYGE_5							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
-----							
# 43 MITC_1							
CONSUMPTION (TONS)	000	1732.	1602.	1809.	1813.	1609.	1827.
CONSUMPTION	000 MBTU	42876.	39647.	44766.	44878.	39821.	45219.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	203891.	192089.	220919.	225502.	203677.	235793.
-----							
# 44 MITC_2							
CONSUMPTION (TONS)	000	1588.	1822.	1812.	1602.	1823.	1827.
CONSUMPTION	000 MBTU	39294.	45103.	44859.	39639.	45121.	45209.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	186838.	218525.	221355.	199184.	230781.	235724.
-----							
# 45 MTNR_6.0							
CONSUMPTION (TONS)	000	3892.	2987.	3971.	3746.	3981.	3756.
CONSUMPTION	000 MBTU	97304.	74678.	99287.	93643.	99516.	93891.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	371308.	290223.	393733.	377893.	408559.	392967.
-----							
# 46 MUSK_1							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
-----							
# 47 MUSK_2							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.
-----							
# 48 MUSK_3							
CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.
CONSUMPTION	000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.

# 49 MUSK 4							
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
# 50 MUSK 5							
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
# 51 PSPN 1							
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
# 52 PSPN 2							
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
# 53 PSPN 3							
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
# 54 PSPN 4							
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
# 55 PSPN 5							
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
# 56 PICW 5							
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.

02/07/13 15:29:39 V04.0 R03.0

NewEnergy Associates  
Strategist Page 122

AEP EAST  
GENERATION AND FUEL MODULE  
FUEL DATA REPORT

AEP	2035	2036	2037	2038	2039	2040
# 58 ROCK 1IM						
CONSUMPTION (TONS) 000	619.	590.	625.	544.	629.	632.
CONSUMPTION 000 MBTU	13069.	12459.	13191.	11494.	13291.	13347.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	47919.	46556.	50212.	44673.	52582.	53871.
# 59 ROCK 2IM						
CONSUMPTION (TONS) 000	388.	467.	496.	446.	499.	377.
CONSUMPTION 000 MBTU	7146.	8598.	9134.	8218.	9204.	6953.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	34347.	42273.	45911.	42214.	48377.	37307.
# 61 STUA 1						
CONSUMPTION (TONS) 000	478.	450.	449.	479.	449.	451.
CONSUMPTION 000 MBTU	11016.	10365.	10347.	11031.	10345.	10390.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	46326.	44420.	45271.	49251.	47021.	48158.
# 62 STUA 2						
CONSUMPTION (TONS) 000	456.	458.	487.	456.	457.	489.
CONSUMPTION 000 MBTU	10517.	10545.	11223.	10514.	10521.	11259.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	44229.	45187.	49100.	46946.	47818.	52181.
# 63 STUA 3						
CONSUMPTION (TONS) 000	447.	449.	477.	447.	448.	479.
CONSUMPTION 000 MBTU	10299.	10352.	10987.	10308.	10323.	11040.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	43313.	44361.	48070.	46028.	46919.	51170.
# 64 STUA 4						
CONSUMPTION (TONS) 000	454.	456.	485.	455.	455.	487.
CONSUMPTION 000 MBTU	10468.	10508.	11179.	10485.	10493.	11222.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	44023.	45031.	48912.	46819.	47693.	52012.
# 65 BSL CC						
CONSUMPTION (MCF) 000	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.



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# 66 TANN 1							
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
-----							
# 67 TANN 2							
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
-----							
# 68 TANN 3							
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
-----							
# 69 TANN 4							
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.
-----							
# 70 ZIMM 1							
CONSUMPTION (TONS) 000	1049.	948.	1051.	1050.	888.	1053.	
CONSUMPTION 000 MBTU	25174.	22742.	25234.	25202.	21303.	25282.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	99831.	92011.	104100.	106237.	91502.	110867.	
-----							
# 71 TCO POOL							
CONSUMPTION (MCF) 000	34186.	34121.	34831.	34304.	35164.	34408.	
CONSUMPTION 000 MBTU	35212.	35144.	35876.	35333.	36219.	35441.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	340381.	346406.	359949.	361327.	377008.	376205.	
-----							
# 72 DOMINON							
CONSUMPTION (MCF) 000	72196.	79760.	75581.	74264.	72592.	74826.	
CONSUMPTION 000 MBTU	74361.	82153.	77848.	76492.	74770.	77070.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	723150.	813215.	785519.	786445.	783603.	820902.	
-----							
# 73 TCO DELV							
CONSUMPTION (MCF) 000	21879.	22308.	22010.	29506.	29613.	21957.	
CONSUMPTION 000 MBTU	22536.	22977.	22670.	30392.	30501.	22615.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	227715.	236245.	237436.	322469.	329519.	250078.	
-----							
# 74 CEREDO							
CONSUMPTION (MCF) 000	0.	0.	0.	0.	0.	0.	
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	
-----							
# 75 DARBY							
CONSUMPTION (MCF) 000	0.	0.	0.	0.	0.	0.	
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	
-----							
# 76 DRESDEN							
CONSUMPTION (MCF) 000	0.	0.	0.	0.	0.	0.	
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	
-----							
# 77 LAWREN							
CONSUMPTION (MCF) 000	0.	0.	0.	0.	0.	0.	
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	
-----							
# 78 ROEMONE							
CONSUMPTION (MCF) 000	0.	0.	0.	0.	0.	0.	
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	
-----							
# 79 WATERFOR							
CONSUMPTION (MCF) 000	0.	0.	0.	0.	0.	0.	
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	
-----							
# 80 ROCK 5.1							
CONSUMPTION (TONS) 000	5134.	5237.	5820.	5517.	5859.	5340.	
CONSUMPTION 000 MBTU	108434.	110603.	122923.	116514.	123739.	112787.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	375882.	390040.	442086.	427198.	462329.	429296.	
-----							
# 81 MRS NGCC							
CONSUMPTION (MCF) 000	25136.	25198.	25163.	25050.	25102.	25097.	
CONSUMPTION 000 MBTU	25890.	25954.	25918.	25801.	25855.	25850.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	240518.	243969.	246480.	248468.	251827.	254881.	
-----							
# 82 BS RPWR							

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CONSUMPTION (MCF) 000	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.

# 83 BS MGCC						
CONSUMPTION (MCF) 000	12867.	13336.	13383.	13353.	13480.	13391.
CONSUMPTION 000 MBTU	13253.	13736.	13785.	13754.	13885.	13793.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	117728.	124528.	127376.	129532.	133253.	134899.

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NewEnergy Associates  
Strategist Page 123

AEP EAST  
GENERATION AND FUEL MODULE  
EMISSIONS RELEASED REPORT

EFFLUENT: CO2 (S) (INDEX # 2)  
AMOUNT RELEASED (M\_KTONS)

	2011	2012	2013	2014	2015	2016	2017	2018
---- AIR BASIN: AEPSPYS ----								
NAME NUMBER INDEX								
<b>THERMAL UNITS</b>								
AMOS 1 1	4935.6	5034.0	3743.1	4870.2	3894.0	4908.5	4604.1	4980.9
AMOS 2 2	5402.3	3965.5	4761.7	4884.2	4499.1	4976.2	5074.4	4665.8
AMOS OP 3 3	4799.7	5919.8	4672.4	5458.6	5001.3	5514.1	5070.7	5579.4
BECKFORD 6 4	305.3	326.6	274.3	324.8	0.0	0.0	0.0	0.0
BIG SAND 1 5	605.5	359.8	300.6	192.6	178.7	0.0	0.0	0.0
BIG SAND 2 6	3401.2	2030.2	1854.5	1199.6	425.6	0.0	0.0	0.0
CARD 1+2 1 7	2473.0	1693.6	3712.8	3154.7	3510.6	3633.7	3192.4	3548.8
CARD 1+2 2 8	4262.7	4027.4	3593.6	4211.3	3944.9	3591.1	4292.2	3944.3
CARD 3 3 9	2782.6	4009.7	3621.3	4173.0	4340.3	3685.8	4253.8	4480.2
CLINCH R 1 16	311.2	690.7	541.5	862.4	0.0	0.0	0.0	0.0
CLINCH R 2 17	535.0	540.4	474.0	694.5	0.0	0.0	0.0	0.0
CLINCH R 3 18	74.0	77.1	65.8	112.7	0.0	0.0	0.0	0.0
ROCKP_KP 1 19	1286.6	1166.3	959.2	733.5	702.8	0.0	0.0	0.0
ROCKP_KP 2 20	1364.6	959.7	622.4	935.8	197.4	0.0	0.0	0.0
CSVL 1-4 3 21	534.2	621.8	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 1-4 4 22	1627.8	1238.7	1504.4	1961.9	1670.8	2027.5	2063.8	2078.6
CSVL 5+6 5 23	2386.8	2334.5	2450.1	2684.4	2036.3	2755.5	2966.8	2634.9
CSVL 5+6 6 24	2321.4	2419.6	2116.4	2671.7	2554.7	2186.4	2975.9	2986.8
GAVIN 1 27	9438.9	8900.5	9068.5	8368.9	8952.1	8684.3	9349.8	8562.6
GAVIN 2 28	8529.5	9661.2	8814.6	9357.2	7240.0	9507.6	9018.2	9577.8
GLEN LYN 5 29	13.0	13.8	10.0	8.8	0.0	0.0	0.0	0.0
GLEN LYN 6 30	64.3	77.3	42.9	48.5	0.0	0.0	0.0	0.0
KAMMER 1 33	957.4	1309.3	1179.9	1073.5	0.0	0.0	0.0	0.0
KAMMER 2 34	954.1	1224.3	1182.4	1143.5	0.0	0.0	0.0	0.0
KAMMER 3 35	668.6	806.4	668.6	687.1	0.0	0.0	0.0	0.0
KANAWHA 1 36	396.6	908.8	774.1	772.3	0.0	0.0	0.0	0.0
KANAWHA 2 37	466.0	988.9	751.0	808.2	0.0	0.0	0.0	0.0
MITCHELL 1 43	3686.5	4350.9	3820.0	4314.4	4163.8	3877.5	4342.9	4334.8
MITCHELL 2 44	4105.8	3675.2	4101.2	4274.6	3786.4	4393.0	4323.4	3811.9
MOUNT_ER 1 45	8183.9	8980.2	8822.0	8342.2	8863.8	7027.9	9472.0	8921.2
MUSK RVR 1 46	863.3	750.7	581.4	705.7	0.0	0.0	0.0	0.0
MUSK RVR 2 47	863.4	853.0	708.1	779.9	0.0	0.0	0.0	0.0
MUSK RVR 3 48	878.9	802.4	677.9	743.5	0.0	0.0	0.0	0.0
MUSK RVR 4 49	125.2	113.3	96.1	104.7	0.0	0.0	0.0	0.0
MUSK RVR 5 50	3233.2	2856.8	3446.3	3349.4	1350.1	0.0	0.0	0.0
P SPORN 1 51	427.6	429.4	391.7	272.8	0.0	0.0	0.0	0.0
P SPORN 2 52	390.7	514.0	257.4	364.1	0.0	0.0	0.0	0.0
P SPORN 3 53	62.0	70.0	54.3	48.2	0.0	0.0	0.0	0.0
P SPORN 4 54	56.8	69.7	41.2	48.6	0.0	0.0	0.0	0.0
PICWAY 5 56	13.1	21.4	12.0	18.2	0.0	0.0	0.0	0.0
RPRUM_IM 1 58	3961.3	6301.6	4439.6	5527.1	5941.5	0.0	0.0	0.0
ROCKP_IM 2 59	6733.4	5825.7	6766.7	6048.1	1859.3	0.0	0.0	0.0
STUART 1 61	989.4	942.1	909.1	982.8	917.4	852.6	1036.8	983.7
STUART 2 62	853.4	958.2	993.3	940.1	946.9	1047.7	998.4	1000.6
STUART 3 63	833.2	938.2	963.9	923.7	912.7	1003.5	961.4	968.7
STUART 4 64	941.8	954.7	983.3	840.6	931.0	1022.8	985.1	993.1
AMOS AP 3 65	2402.9	2880.9	2295.6	2645.1	2398.0	2641.2	2408.0	2657.1
TANN 1-3 1 66	48.2	52.9	35.6	42.9	0.0	0.0	0.0	0.0
TANN 1-3 2 67	51.2	55.9	37.4	45.2	0.0	0.0	0.0	0.0
TANN 4 4 69	1326.1	1751.4	1029.9	0.0	0.0	0.0	0.0	0.0
ZIMMER 1 70	2163.2	1763.8	2138.0	2184.2	1922.3	2363.9	2406.2	2174.5
RP2D_KP 960 960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2D_IM 961 961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSV6_SCR 962 962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSV5_SCR 963 963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP1D_KP 965 965	0.0	0.0	0.0	0.0	0.0	1380.3	1316.2	1420.8
RP1D_03 966 966	0.0	0.0	0.0	0.0	0.0	7188.0	5405.7	6821.3
RP2TR_KP 970 970	0.0	0.0	0.0	0.0	501.3	775.4	886.5	818.9
RP2TR_IM 971 971	0.0	0.0	0.0	0.0	3536.5	4134.8	5384.0	4285.0
T4_TRONA 998 998	0.0	0.0	0.0	1515.0	1183.2	1376.3	1261.4	0.0
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TOTAL AIR BASIN EMISSIONS	104092.4	107218.3	101362.4	106475.2	88362.8	90755.7	94050.0	92231.6
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TOTAL SYSTEM EMISSIONS	104092.3	107218.3	101362.4	106475.1	88362.8	90755.7	94050.0	92231.7

EFFLUENT: CO2 (S) (INDEX # 2)  
AMOUNT RELEASED (M\_KTONS)

2019	2020	2021	2022	2023	2024	2025	2026
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---- AIR BASIN: AEP SYS ----  
 NAME NUMBER INDEX

THERMAL UNITS										
AMOS	1	1	4970.9	4418.0	5016.1	4792.8	4801.8	4237.0	4864.5	4514.1
AMOS	2	2	5066.4	5092.6	4887.7	4930.9	4549.0	4974.6	5004.0	5022.7
AMOS_OP	3	3	5146.8	5609.4	5285.9	5004.7	5027.9	5072.0	5643.6	5625.1
BECKJORD	6	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BIG SAND	1	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BIG SAND	2	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CARD 1+2	1	7	3782.4	3197.5	3639.9	3143.0	3507.7	3170.6	3602.0	3148.5
CARD 1+2	2	8	3547.9	4249.5	3970.3	3497.5	4153.7	3901.0	3513.1	4172.1
CARD 3	3	9	3878.0	4326.7	4339.9	4242.7	4292.5	3634.6	4067.2	4319.9
CLINCH R	1	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	2	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	3	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_KP	1	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_KP	2	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 1-4	3	21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 1-4	4	22	2047.2	2216.7	2329.8	2226.7	2011.3	2165.4	2162.0	2028.7
CSVL 5+6	5	23	2633.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 5+6	6	24	2527.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GAVIN	1	27	9386.2	8865.2	9405.9	8710.9	9252.2	8595.6	9306.7	8740.9
GAVIN	2	28	8890.2	9710.1	8559.3	9514.4	8953.7	9577.1	7481.6	9562.1
GLEN LYN	5	29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GLEN LYN	6	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	1	33	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	2	34	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	3	35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KANAWHA	1	36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KANAWHA	2	37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MITCHELL	1	43	3871.8	4424.0	3870.1	4291.6	3908.1	4278.8	4082.1	3740.6
MITCHELL	2	44	4341.6	4358.9	4360.2	3763.1	4247.0	4262.5	3735.4	4247.7
MOUNT ER	1	45	9486.4	8961.4	9314.8	8738.8	9082.9	8438.1	9147.5	6976.5
MUSK RVR	1	46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	2	47	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	3	48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	4	49	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	5	50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	1	51	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	2	52	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	3	53	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	4	54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PICWAY	5	56	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RPRUN_IM	1	58	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_IM	2	59	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STUART	1	61	981.4	1054.4	987.7	978.8	1045.1	985.9	881.1	1045.9
STUART	2	62	1065.0	1003.5	1001.8	1063.8	997.7	1001.8	1065.4	998.1
STUART	3	63	1042.6	985.0	985.9	1032.0	967.9	974.3	1037.1	971.3
STUART	4	64	1061.1	1003.8	1002.5	1054.5	888.3	996.5	1060.6	993.8
AMOS AP	3	65	2388.2	2667.6	2520.9	2312.9	2322.6	2338.9	2589.1	2596.9
TANN 1-3	1	66	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANN 1-3	2	67	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANN 4	4	69	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ZIMMER	1	70	2413.7	2430.7	2044.4	2366.1	2366.4	2145.1	2380.0	2382.1
RP2D_KP	960	960	0.0	698.3	1133.0	1041.6	918.2	1036.6	765.0	921.5
RP2D_IM	961	961	0.0	7499.4	7117.1	7159.5	6604.4	5384.8	7229.7	5942.2
CSV6_SCR	962	962	0.0	2197.9	2506.7	2515.3	2176.7	2416.8	1912.3	2513.5
CSV5_SCR	963	963	0.0	2470.7	2578.5	2192.9	2330.9	2389.4	1894.8	2364.0
RP1D_KP	965	965	1440.4	1345.8	1413.8	1187.8	1244.2	1096.4	1252.9	1253.1
RP1D_03	966	966	6938.8	5577.8	6001.1	5101.9	3992.9	5577.3	5156.3	5552.7
RP2TR_KP	970	970	901.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2TR_IM	971	971	3157.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
T4_TRONA	998	998	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL AIR BASIN EMISSIONS	90966.9	94364.9	94273.3	90864.0	89643.2	88651.1	89833.9	89633.9
TOTAL SYSTEM EMISSIONS	90966.9	94364.8	94273.3	90864.0	89643.2	88651.1	89833.9	89633.9

EFFLUENT: CO2 (\$) (INDEX # 2)  
 AMOUNT RELEASED (M\_KTONS)

	2027	2028	2029	2030	2031	2032	2033	2034

---- AIR BASIN: AEP SYS ----  
 NAME NUMBER INDEX

THERMAL UNITS										
AMOS	1	1	4808.4	4869.7	4222.5	4883.3	4494.2	4891.1	4883.5	4267.2
AMOS	2	2	4955.7	4592.5	4964.5	5026.4	5014.9	5020.6	4619.9	4991.0
AMOS_OP	3	3	5049.9	5086.7	5086.5	5670.7	5685.8	5099.9	5154.9	5142.3
BECKJORD	6	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BIG SAND	1	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BIG SAND	2	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

AEP EAST  
 GENERATION AND FUEL MODULE  
 EMISSIONS RELEASED REPORT

EFFLUENT: CO2 (\$) (INDEX # 2)  
 AMOUNT RELEASED (M\_KTONS)

	2027	2028	2029	2030	2031	2032	2033	2034

---- AIR BASIN: AEPSYS ----  
 NAME NUMBER INDEX

CARD 1+2	1	7	3515.4	3166.6	3599.8	3156.4	3527.6	3178.1	3613.4	3166.8
CARD 1+2	2	8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CARD 3	3	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	1	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	2	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	3	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_KP	1	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_KP	2	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 1-4	3	21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 1-4	4	22	2170.8	2173.0	2045.6	2188.8	2195.4	2070.2	2202.8	2215.3
CSVL 5+6	5	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 5+6	6	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GAVIN	1	27	9282.3	8572.6	9292.4	8753.1	9303.1	8795.0	9326.4	8610.9
GAVIN	2	28	8971.7	9571.0	8796.4	9582.3	8465.4	9607.8	9020.2	9606.2
GLEN LYN	5	29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GLEN LYN	6	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	1	33	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	2	34	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	3	35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KANAWHA	1	36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KANAWHA	2	37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MITCHELL	1	43	4238.9	4236.4	3744.0	4257.3	3712.8	4251.9	3899.6	4232.5
MITCHELL	2	44	4230.5	3741.3	4237.8	4243.4	4247.9	3751.0	4259.5	4224.6
MOUNT_ER	1	45	9318.1	8802.0	9326.7	8807.9	9169.1	8852.2	9177.7	8455.4
MUSK RVR	1	46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	2	47	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	3	48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	4	49	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	5	50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	1	51	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	2	52	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	3	53	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	4	54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PICWAY	5	56	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RPRUM_IM	1	58	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_IM	2	59	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STUART	1	61	979.9	984.8	1045.8	982.1	979.9	1048.0	980.2	884.5
STUART	2	62	998.9	1069.4	998.5	1000.5	1067.3	1002.8	1000.3	1068.3
STUART	3	63	967.7	1034.7	971.2	975.5	1039.8	979.5	978.6	1044.0
STUART	4	64	991.6	1060.2	992.9	995.0	1061.2	896.6	995.3	1062.7
AMOS AP	3	65	2310.1	2347.1	2319.0	2594.2	2594.7	2329.8	2345.8	2327.0
TANN 1-3	1	66	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANN 1-3	2	67	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANN 4	4	69	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ZIMMER	1	70	2007.0	2378.9	2375.5	2139.8	2382.1	2389.3	2012.5	2382.0
RP2D_KP	960	960	956.7	859.0	950.3	696.0	877.0	930.6	808.7	906.7
RP2D_IH	961	961	7250.3	5939.6	7070.8	6881.0	5289.9	7365.1	6896.0	7249.6
CSV6_SCR	962	962	2325.3	1891.9	2451.3	2555.2	2465.2	2209.1	2511.8	1961.2
CSV5_SCR	963	963	2400.7	2129.9	2414.2	2314.2	2426.0	2266.6	2419.1	2453.8
RP1D_KP	965	965	1187.0	1255.6	1184.4	1257.0	1092.0	1261.4	1263.0	1192.5
RP1D_03	966	966	5199.0	5593.2	3940.5	5264.3	5580.7	5270.6	5510.6	4989.0
RP2TR_KP	970	970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2TR_IM	971	971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
T4_TRONA	998	998	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL AIR BASIN EMISSIONS	84115.9	81356.2	82030.6	84224.2	82671.9	83467.0	83879.5	82433.5
TOTAL SYSTEM EMISSIONS	84115.9	81356.2	82030.6	84224.2	82671.9	83467.0	83879.5	82433.4

EFFLUENT: CO2 (S) (INDEX # 2)  
 AMOUNT RELEASED (M\_KTONS)

2035 2036 2037 2038 2039 2040

---- AIR BASIN: AEPSYS ----  
 NAME NUMBER INDEX

THERMAL UNITS

AMOS	1	1	4882.8	4542.8	4815.2	4909.7	4857.8	4797.6
AMOS	2	2	5031.2	5077.7	4972.3	5049.9	5001.2	4993.3
AMOS OP	3	3	5747.2	5766.4	5155.9	5774.1	5194.6	5802.2
BECKFORD	6	4	0.0	0.0	0.0	0.0	0.0	0.0
BIG SAND	1	5	0.0	0.0	0.0	0.0	0.0	0.0
BIG SAND	2	6	0.0	0.0	0.0	0.0	0.0	0.0
CARD 1+2	1	7	3536.3	3185.6	3622.1	3171.6	3170.1	3549.7
CARD 1+2	2	8	0.0	0.0	0.0	0.0	0.0	0.0
CARD 3	3	9	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	1	16	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	2	17	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	3	18	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_KP	1	19	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_KP	2	20	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 1-4	3	21	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 1-4	4	22	2087.4	2238.7	2230.3	2102.5	2247.5	2120.9
CSVL 5+6	5	23	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 5+6	6	24	0.0	0.0	0.0	0.0	0.0	0.0
GAVIN	1	27	9336.0	8813.6	9350.1	8611.0	9351.9	8825.7
GAVIN	2	28	7528.2	9640.6	9037.9	9621.4	8853.3	9661.8
GLEN LYN	5	29	0.0	0.0	0.0	0.0	0.0	0.0
GLEN LYN	6	30	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	1	33	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	2	34	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	3	35	0.0	0.0	0.0	0.0	0.0	0.0

		4A Output.txt							
KANAWHA	1	36	0.0	0.0	0.0	0.0	0.0	0.0	
KANAWHA	2	37	0.0	0.0	0.0	0.0	0.0	0.0	
MITCHELL	1	43	4060.3	3754.4	4239.2	4249.8	3770.9	4282.1	
MITCHELL	2	44	3721.0	4271.2	4248.0	3753.7	4272.9	4281.1	
MOUNT_ER	1	45	9197.3	7058.6	9384.7	8851.1	9406.3	8874.6	
MUSK_RVR	1	46	0.0	0.0	0.0	0.0	0.0	0.0	
MUSK_RVR	2	47	0.0	0.0	0.0	0.0	0.0	0.0	
MUSK_RVR	3	48	0.0	0.0	0.0	0.0	0.0	0.0	
MUSK_RVR	4	49	0.0	0.0	0.0	0.0	0.0	0.0	
MUSK_RVR	5	50	0.0	0.0	0.0	0.0	0.0	0.0	
P_SPORN	1	51	0.0	0.0	0.0	0.0	0.0	0.0	
P_SPORN	2	52	0.0	0.0	0.0	0.0	0.0	0.0	
P_SPORN	3	53	0.0	0.0	0.0	0.0	0.0	0.0	
P_SPORN	4	54	0.0	0.0	0.0	0.0	0.0	0.0	
PICWAY	5	56	0.0	0.0	0.0	0.0	0.0	0.0	
RPRUN_IM	1	58	0.0	0.0	0.0	0.0	0.0	0.0	
ROCKF_IM	2	59	0.0	0.0	0.0	0.0	0.0	0.0	
STUART	1	61	1049.0	987.0	985.3	1050.4	985.1	989.4	
STUART	2	62	1001.5	1004.1	1068.7	1001.1	1001.9	1072.1	
STUART	3	63	980.7	985.7	1046.2	981.5	983.0	1051.3	
STUART	4	64	996.8	1000.6	1064.6	998.4	999.2	1068.6	
AMOS_AP	3	65	2574.2	2587.8	2281.1	2583.6	2311.4	2494.6	
TANN 1-3	1	66	0.0	0.0	0.0	0.0	0.0	0.0	
TANN 1-3	2	67	0.0	0.0	0.0	0.0	0.0	0.0	
TANN 4	4	69	0.0	0.0	0.0	0.0	0.0	0.0	
ZIMMER	1	70	2382.0	2151.8	2387.6	2384.7	2015.7	2392.2	
RP2D_KP	960	960	689.1	829.1	880.8	792.5	887.5	670.5	
RP2D_IM	961	961	6588.8	5478.4	7230.6	6144.3	7394.5	6023.0	
CSV6_SCR	962	962	2391.8	2387.8	2539.3	2166.3	2558.0	2666.2	
CSV5_SCR	963	963	1957.2	2466.3	2467.9	2211.1	2501.8	2405.6	
RP1D_KP	965	965	1260.2	1201.3	1272.0	1108.3	1281.6	1287.0	
RP1D_03	966	966	3867.1	5186.5	4622.3	5090.6	4537.1	4852.5	
RP2TR_KP	970	970	0.0	0.0	0.0	0.0	0.0	0.0	
RP2TR_IM	971	971	0.0	0.0	0.0	0.0	0.0	0.0	
T4_TRONA	998	998	0.0	0.0	0.0	0.0	0.0	0.0	
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TOTAL AIR BASIN EMISSIONS			80866.0	80616.2	84902.2	82607.9	83583.3	84161.9	
=====			=====	=====	=====	=====	=====	=====	
TOTAL SYSTEM EMISSIONS			80866.0	80616.2	84902.2	82607.9	83583.3	84162.0	

02/07/13 15:29:39 V04.0 R03.0

NewEnergy Associates  
Strategist Page

125

AEP EAST  
GENERATION AND FUEL MODULE  
EMISSIONS RELEASED REPORT

EFFLUENT: CO2 (G) (INDEX # 3)  
AMOUNT RELEASED (M\_KTONS)

		2011	2012	2013	2014	2015	2016	2017	2018
---- AIR BASIN: AEP SYS ----									
NAME NUMBER INDEX									
THERMAL UNITS									
ROBTMONE	1	71	58.7	113.5	104.5	101.1	104.6	123.1	108.0
ROBTMONE	2	72	81.6	105.9	74.8	87.6	89.7	106.2	92.0
ROBTMONE	3	73	95.3	79.1	90.9	115.8	76.6	91.4	78.4
CEREDO	1	75	190.3	230.2	198.1	97.5	197.4	258.8	178.0
CEREDO	2	76	162.5	194.6	181.0	72.5	179.1	242.9	152.5
CEREDO	3	77	149.7	161.5	155.4	56.1	152.5	204.1	114.7
CEREDO	4	78	200.8	243.8	209.4	121.7	151.9	254.6	209.9
CEREDO	5	79	155.2	186.1	172.3	74.5	167.4	220.9	135.4
CEREDO	6	80	145.1	133.7	134.5	48.4	133.7	187.5	99.0
DARBY	1	81	65.0	85.7	63.1	66.9	55.5	72.0	63.8
DARBY	2	82	60.6	80.6	59.4	63.0	50.4	67.4	59.5
DARBY	3	83	56.8	76.9	56.0	59.3	47.3	63.3	55.7
DARBY	4	84	52.9	72.4	52.5	50.2	52.4	59.3	51.9
DARBY	5	85	49.3	68.3	49.3	45.5	48.8	55.5	48.4
DARBY	6	86	46.0	65.3	46.3	42.5	45.4	51.9	45.2
LWBG_WIN	1	87	439.0	531.9	440.2	468.0	477.4	577.0	571.5
LWBG_WIN	2	88	558.1	641.0	541.7	576.3	596.5	713.7	736.5
LWBG_SMR	1	89	206.7	241.9	209.2	201.5	222.8	249.1	252.6
LWBG_SMR	2	90	227.8	266.0	229.0	222.3	247.2	276.9	284.3
WATR_CC	1	91	410.8	557.5	437.9	478.4	502.9	581.4	540.0
WATR2	1	92	257.4	310.8	251.4	248.3	278.3	314.5	313.0
DRESDEN	1	93	0.0	0.0	565.4	685.5	886.3	861.1	915.2
DRESD2	1	94	0.0	0.0	241.2	174.5	291.9	319.1	309.1
ES_BF50	954	954	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CT_KPCC	955	955	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CT_KPCC	956	956	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CT_KPCC	957	957	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CT_KPCC	958	958	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CC_KPCC	959	959	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CR2_NGCC	967	967	0.0	0.0	0.0	0.0	309.0	341.1	337.8
CRI_NGCC	968	968	0.0	0.0	0.0	0.0	359.7	391.5	391.9
MR5_NGCC	969	969	0.0	0.0	0.0	0.0	1374.0	1410.4	1386.6
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TOTAL AIR BASIN EMISSIONS		3669.6	4446.5	4563.5	4157.5	7098.5	8094.6	7531.0	7590.5
=====		=====	=====	=====	=====	=====	=====	=====	=====
TOTAL SYSTEM EMISSIONS		3669.6	4446.5	4563.5	4157.5	7098.5	8094.6	7531.0	7590.5

EFFLUENT: CO2 (G) (INDEX # 3)  
AMOUNT RELEASED (M\_KTONS)

			2019	2020	4A Output.txt		2022	2023	2024	2025	2026
					2021						
---- AIR BASIN: AEPSPYS ----											
NAME	NUMBER	INDEX									
THERMAL UNITS											
ROBTMONE	1	71	101.4	105.2	100.9	105.5	103.5	106.3	103.9	103.5	
ROBTMONE	2	72	86.1	89.1	85.8	21.5	0.0	0.9	0.0	1.1	
ROBTMONE	3	73	73.2	75.3	72.5	70.8	88.9	91.2	88.8	88.4	
CEREDO	1	75	174.1	234.6	150.2	214.8	223.7	165.2	252.6	288.3	
CEREDO	2	76	162.0	199.5	140.0	210.1	222.5	217.7	203.3	279.5	
CEREDO	3	77	120.9	171.8	138.9	183.8	160.3	166.3	175.5	268.8	
CEREDO	4	78	169.7	235.3	195.6	233.8	271.2	274.8	253.4	304.5	
CEREDO	5	79	138.9	194.3	199.4	133.3	199.0	210.8	186.7	279.5	
CEREDO	6	80	89.5	102.1	159.5	149.2	145.8	164.0	151.4	261.2	
DARBY	1	81	59.5	58.6	59.0	62.9	63.7	64.5	55.9	63.5	
DARBY	2	82	55.7	54.7	55.0	59.0	59.6	60.5	52.5	59.6	
DARBY	3	83	52.0	51.2	51.3	56.2	55.8	56.7	48.3	55.7	
DARBY	4	84	48.6	48.7	47.8	53.0	52.1	47.9	53.3	52.1	
DARBY	5	85	45.4	38.8	44.5	49.6	48.7	45.2	49.8	48.7	
DARBY	6	86	42.3	36.4	36.1	40.5	39.2	40.6	39.9	39.1	
LWBG WIN	1	87	544.9	544.0	529.3	497.6	490.0	502.8	504.9	494.6	
LWBG WIN	2	88	706.0	716.6	706.8	637.4	631.3	649.4	659.7	640.2	
LWBG SMR	1	89	239.3	241.1	241.5	235.9	232.4	232.6	231.6	229.7	
LWBG SMR	2	90	271.3	272.5	273.7	263.5	259.0	260.9	260.2	257.3	
WATR CC	1	91	518.8	487.9	469.0	466.3	456.1	472.2	464.7	459.8	
WATR2	1	92	290.7	295.9	295.5	293.6	290.1	287.1	285.3	284.2	
DRESDEN	1	93	906.9	917.2	902.9	874.3	901.1	913.2	896.5	904.0	
DRESD2	1	94	303.1	303.5	304.5	299.1	299.4	299.4	299.4	310.7	
BS BF50	954	954	0.0	0.0	0.0	0.0	0.0	0.0	0.0	667.5	
CT_KPCO	955	955	0.0	0.0	74.1	78.5	76.5	76.9	74.9	77.0	
CT_KPCO	956	956	0.0	0.0	46.9	50.0	48.9	49.2	47.6	52.7	
CT_KPCO	957	957	0.0	0.0	28.1	29.6	29.1	29.3	28.2	33.4	
CT_KPCO	958	958	0.0	0.0	16.0	16.4	16.2	16.3	15.5	19.4	
CC_KPCO	959	959	0.0	0.0	456.2	436.4	434.7	434.5	440.8	379.1	
CR2_NGCC	967	967	316.4	348.4	337.2	325.5	362.4	365.4	343.2	359.7	
CRI_NGCC	968	968	386.2	392.1	381.5	368.4	385.4	394.9	397.2	400.1	
MR5_NGCC	969	969	1368.0	1374.2	1366.8	1372.3	1368.0	1374.4	1366.4	1367.9	

TOTAL AIR BASIN EMISSIONS			7270.9	7588.9	7966.4	7890.9	8014.2	8071.3	8031.0	9130.8
TOTAL SYSTEM EMISSIONS			7270.9	7588.9	7966.4	7890.9	8014.2	8071.3	8031.0	9130.8

EFFLUENT: CO2 (G) (INDEX # 3)  
 AMOUNT RELEASED (M\_KTONS)

			2027	2028	2029	2030	2031	2032	2033	2034
---- AIR BASIN: AEPSPYS ----										
NAME	NUMBER	INDEX								
THERMAL UNITS										
ROBTMONE	1	71	96.4	95.9	96.4	94.5	100.6	102.1	99.9	95.8
ROBTMONE	2	72	50.4	0.0	51.5	12.7	86.2	20.1	0.0	0.7
ROBTMONE	3	73	75.4	77.8	74.4	86.2	73.1	67.1	84.9	83.1
CEREDO	1	75	217.6	292.2	258.3	215.3	294.0	293.3	322.6	342.0
CEREDO	2	76	200.5	252.5	241.7	205.2	283.5	267.8	299.3	323.6
CEREDO	3	77	169.2	212.9	196.6	188.4	227.2	262.9	248.5	297.9
CEREDO	4	78	236.9	301.1	187.1	302.7	308.3	215.1	361.9	339.1
CEREDO	5	79	172.5	231.2	221.0	223.9	264.3	265.8	294.6	227.6
CEREDO	6	80	167.0	203.6	151.6	223.6	216.1	234.2	189.1	263.8
DARBY	1	81	60.2	60.0	59.0	59.4	59.8	60.0	62.3	61.1
DARBY	2	82	56.2	56.0	55.2	56.0	56.0	56.3	58.1	57.0
DARBY	3	83	52.3	52.1	51.5	52.7	52.2	53.9	54.2	53.1
DARBY	4	84	48.7	48.5	48.1	50.0	48.8	50.9	50.5	44.9
DARBY	5	85	45.3	45.1	44.8	39.7	45.4	47.5	47.0	42.0
DARBY	6	86	36.5	36.3	36.5	37.2	37.3	39.1	38.6	37.8
LWBG WIN	1	87	491.8	493.3	489.8	494.5	499.3	502.1	497.8	502.7
LWBG WIN	2	88	648.3	652.7	647.7	651.4	657.7	665.2	659.6	666.0
LWBG SMR	1	89	234.0	237.0	233.4	240.1	243.7	245.6	246.2	248.1
LWBG SMR	2	90	264.3	267.4	264.7	271.4	275.3	277.5	278.7	281.1
WATR CC	1	91	444.0	442.3	444.2	453.5	456.9	456.5	453.5	457.7
WATR2	1	92	287.1	290.9	283.9	292.8	297.6	299.1	298.4	299.0
DRESDEN	1	93	876.1	916.7	907.7	903.0	903.8	921.7	917.3	908.1
DRESD2	1	94	299.0	300.0	298.6	300.7	302.1	302.8	301.6	300.0
BS BF50	954	954	674.4	671.3	672.1	678.7	684.9	693.0	701.6	705.4
CT_KPCO	955	955	76.4	76.4	76.0	77.0	77.9	77.5	77.9	78.4
CT_KPCO	956	956	52.1	52.6	52.4	53.1	54.0	53.8	53.7	53.9
CT_KPCO	957	957	32.7	33.7	33.5	34.1	34.9	34.6	34.3	34.2
CT_KPCO	958	958	18.9	20.0	19.7	20.1	20.9	20.5	20.2	19.8
CC_KPCO	959	959	374.9	376.4	370.4	379.7	380.1	375.1	380.1	378.3
CR2_NGCC	967	967	331.0	366.7	354.1	375.1	369.7	380.2	396.4	380.2
CRI_NGCC	968	968	383.0	408.2	410.8	420.8	405.6	420.7	423.9	422.5
MR5_NGCC	969	969	1360.8	1363.2	1359.3	1364.6	1366.2	1370.3	1365.8	1364.5

TOTAL AIR BASIN EMISSIONS			8534.1	8934.0	8691.9	8858.0	9183.6	9132.1	9318.7	9369.5
TOTAL SYSTEM EMISSIONS			8534.1	8934.0	8691.9	8858.0	9183.6	9132.1	9318.7	9369.5

EFFLUENT: CO2 (G) (INDEX # 3)  
 AMOUNT RELEASED (M\_KTONS)

			2035	2036	2037	2038	2039	2040
---- AIR BASIN: AEPSPYS ----								
NAME	NUMBER	INDEX						

THERMAL UNITS								
ROBTMONE	1	71	96.4	93.8	93.3	88.0	88.6	85.8
ROBTMONE	2	72	0.0	0.9	49.6	0.0	48.7	9.9
ROBTMONE	3	73	81.2	78.4	70.2	70.4	65.5	69.0
CEREDO	1	75	223.6	338.9	309.9	325.2	293.4	265.9
CEREDO	2	76	256.6	333.7	302.7	324.3	277.2	266.3
CEREDO	3	77	232.9	310.9	271.8	252.6	250.0	239.9
CEREDO	4	78	343.5	357.5	332.3	325.7	330.0	292.3
CEREDO	5	79	275.6	319.9	285.0	279.4	263.9	354.6
CEREDO	6	80	254.4	305.9	257.7	196.0	217.9	315.3
DARBY	1	81	53.9	59.9	60.2	57.7	57.5	53.6
DARBY	2	82	50.7	55.8	55.9	53.5	53.4	49.7
DARBY	3	83	45.3	51.8	51.9	49.5	49.6	46.1
DARBY	4	84	50.2	48.0	48.1	45.8	45.9	43.0
DARBY	5	85	46.6	44.5	44.5	42.2	42.4	35.2
DARBY	6	86	37.8	36.0	36.4	34.7	35.0	32.5

‡ 02/07/13 15:29:40 V04.0 R03.0  
 NewEnergy Associates  
 Strategist Page 126

AEP EAST  
GENERATION AND FUEL MODULE  
EMISSIONS RELEASED REPORT

EFFLUENT: CO2 (G) (INDEX # 3)  
AMOUNT RELEASED (M\_KTONS)

			2035	2036	2037	2038	2039	2040
---- AIR BASIN: AEP SYS ----								
NAME	NUMBER	INDEX						
LWEG WIN	1	87	502.7	502.4	499.1	508.5	508.3	506.9
LWEG WIN	2	88	672.3	671.5	669.1	684.0	682.4	681.2
LWEG SHR	1	89	249.6	250.2	252.8	252.6	255.3	254.0
LWEG SHR	2	90	283.1	284.2	286.8	287.9	290.3	290.3
WATR CC	1	91	452.8	452.8	448.7	478.0	478.5	476.5
WATR2	1	92	299.5	298.9	302.3	298.5	302.8	297.1
DRESDEN	1	93	887.6	886.0	885.7	1303.5	1309.1	863.0
DRESD2	1	94	298.1	323.0	307.1	295.7	295.8	326.9
BS_BF50	954	954	697.3	722.8	725.3	723.7	730.6	725.8
CT_KPCO	955	955	78.0	78.3	78.6	79.3	78.1	78.5
CT_KPCO	956	956	53.4	54.1	54.3	54.5	53.5	53.5
CT_KPCO	957	957	33.9	34.7	34.4	34.4	33.6	33.2
CT_KPCO	958	958	19.8	20.6	19.7	19.6	19.0	18.5
CC_KPCO	959	959	387.7	382.9	377.5	387.5	377.3	389.8
CR2_NGCC	967	967	373.6	383.7	379.2	354.6	348.0	378.0
CRI_NGCC	968	968	398.3	419.1	405.3	390.7	384.7	395.0
MRS_NGCC	969	969	1362.3	1365.6	1363.7	1357.6	1360.4	1360.2
-----			9099.0	9566.7	9358.9	9655.8	9626.7	9287.6
TOTAL AIR BASIN EMISSIONS			9099.0	9566.7	9358.9	9655.8	9626.7	9287.6
=====			9099.0	9566.7	9358.9	9655.8	9626.7	9287.6
TOTAL SYSTEM EMISSIONS			9099.0	9566.7	9358.9	9655.8	9626.7	9287.6

‡ 02/07/13 15:29:40 V04.0 R03.0  
 NewEnergy Associates  
 Strategist Page 127

AEP EAST  
GENERATION AND FUEL MODULE  
EMISSIONS RELEASED REPORT

EFFLUENT: NOX (B) (INDEX # 4)  
AMOUNT RELEASED (TONS)

			2011	2012	2013	2014	2015	2016	2017	2018
---- AIR BASIN: AEP SYS ----										
NAME	NUMBER	INDEX								
THERMAL UNITS										
AMOS	1	1	1237.2	1261.6	935.1	1217.6	971.3	1227.7	1152.8	1246.9
AMOS	2	2	1334.5	979.2	1171.8	1203.5	1106.4	1227.2	1252.7	1151.8
AMOS_OP	3	3	1730.8	2135.9	1678.5	1961.9	1794.9	1982.4	1824.9	2007.4
BECKFORD	6	4	543.8	604.9	495.9	573.6	0.0	0.0	0.0	0.0
BIG SAND	1	5	2071.6	1216.1	1019.4	664.1	597.8	0.0	0.0	0.0
BIG SAND	2	6	789.7	471.2	430.4	277.6	98.6	0.0	0.0	0.0
CARD 1+2	1	7	649.1	444.5	974.5	828.0	921.4	953.7	837.9	931.5
CARD 1+2	2	8	1118.9	1057.1	943.3	1105.4	1035.5	942.6	1126.6	1035.3
CARD 3	3	9	746.3	1010.4	912.5	1051.5	1093.7	979.2	1071.9	1128.9
CLINCH R	1	16	455.6	1001.9	772.0	1338.0	0.0	0.0	0.0	0.0
CLINCH R	2	17	755.9	794.4	676.1	1060.2	0.0	0.0	0.0	0.0
CLINCH R	3	18	104.8	112.4	92.6	168.3	0.0	0.0	0.0	0.0
ROCKP_KP	1	19	1261.6	1143.7	940.6	719.2	689.1	0.0	0.0	0.0
ROCKP_KP	2	20	1335.2	939.1	609.0	915.7	193.2	0.0	0.0	0.0
CSVL 1-4	3	21	1600.2	1812.1	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 1-4	4	22	516.6	393.1	477.4	622.6	530.2	643.4	654.9	659.6
CSVL 5+6	5	23	4459.1	4397.6	4604.5	5089.4	3844.3	5237.8	5685.0	5054.0
CSVL 5+6	6	24	4350.1	4567.1	3990.7	5081.2	4834.0	4171.0	5719.0	5739.9
GAVIN	1	27	3591.2	3381.6	3459.0	3192.2	3414.6	3312.5	3566.4	3266.1
GAVIN	2	28	2865.0	3257.2	2983.5	3167.1	2450.5	3218.1	3052.4	3241.9
GLEN LYN	5	29	34.6	36.7	26.6	23.4	0.0	0.0	0.0	0.0
GLEN LYN	6	30	153.3	187.2	102.4	116.7	0.0	0.0	0.0	0.0
KAMMER	1	33	1723.1	2279.7	2127.3	1921.6	0.0	0.0	0.0	0.0
KAMMER	2	34	1721.9	2138.8	2135.5	2052.0	0.0	0.0	0.0	0.0
KAMMER	3	35	1202.5	1396.6	1201.1	1228.1	0.0	0.0	0.0	0.0
KANAWHA	1	36	777.7	1804.5	1473.6	1503.6	0.0	0.0	0.0	0.0

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KANAWHA	2	37	830.2	1801.7	1306.9	1435.1	0.0	0.0	0.0	0.0
MITCHELL	1	43	952.1	1125.4	985.8	1116.2	1077.7	1004.4	1124.1	1121.8
MITCHELL	2	44	1035.1	928.1	1033.6	1080.4	957.6	1112.1	1093.6	964.4
MOUNT_ER	1	45	3023.2	3299.9	3265.2	2988.7	3200.0	2533.7	3414.0	3215.5
MUSK_RVR	1	46	3184.3	2746.9	2141.0	2600.2	0.0	0.0	0.0	0.0
MUSK_RVR	2	47	2414.2	2381.3	1968.5	2180.7	0.0	0.0	0.0	0.0
MUSK_RVR	3	48	2472.3	2251.7	1893.9	2088.7	0.0	0.0	0.0	0.0
MUSK_RVR	4	49	293.5	265.6	223.8	245.1	0.0	0.0	0.0	0.0
MUSK_RVR	5	50	1024.0	904.8	1091.5	1060.8	427.6	0.0	0.0	0.0
P_SPORN	1	51	694.1	705.7	630.2	448.6	0.0	0.0	0.0	0.0
P_SPORN	2	52	668.8	880.1	439.6	622.6	0.0	0.0	0.0	0.0
P_SPORN	3	53	103.4	87.1	66.7	59.7	0.0	0.0	0.0	0.0
P_SPORN	4	54	97.2	87.8	52.0	61.3	0.0	0.0	0.0	0.0
PICWAY	5	56	41.1	67.3	37.9	57.5	0.0	0.0	0.0	0.0
RPRUM_IM	1	58	4865.6	7807.1	5439.8	6829.2	7378.7	0.0	0.0	0.0
ROCKP_IM	2	59	8017.7	7007.8	8013.7	7225.6	2219.0	0.0	0.0	0.0
STUART	1	61	625.8	597.0	574.9	622.1	580.5	541.1	659.4	626.2
STUART	2	62	540.3	607.9	628.6	595.8	600.8	668.0	638.2	639.9
STUART	3	63	527.7	594.8	610.2	585.4	578.1	636.6	610.8	615.7
STUART	4	64	646.2	656.4	674.3	577.4	639.1	704.1	680.1	686.2
AMOS AP	3	65	866.2	1037.5	823.9	948.5	858.3	946.9	863.8	953.0
TANN 1-3	1	66	61.7	59.9	40.4	48.6	0.0	0.0	0.0	0.0
TANN 1-3	2	67	65.2	63.3	42.4	51.2	0.0	0.0	0.0	0.0
TANN 4	4	69	1633.9	2158.4	1268.5	0.0	0.0	0.0	0.0	0.0
ZIMMER	1	70	2419.6	1975.0	2388.9	2445.4	2160.6	2663.6	2715.7	2455.0
ROBTMONE	1	71	13.9	26.7	25.5	24.7	25.6	30.0	26.3	23.3
ROBTMONE	2	72	19.3	24.9	18.2	21.4	21.9	25.8	22.4	21.6
ROBTMONE	3	73	22.5	18.9	22.2	28.4	18.7	22.3	19.1	18.0
CEREDO	1	75	46.1	55.8	48.0	23.6	47.8	62.7	43.1	53.2
CEREDO	2	76	39.3	47.1	43.8	17.6	43.3	58.7	36.9	50.5
CEREDO	3	77	36.3	39.2	37.7	13.6	37.0	49.5	27.9	35.6
CEREDO	4	78	48.8	59.3	50.9	29.6	36.9	61.9	51.0	52.1
CEREDO	5	79	37.7	45.2	41.9	18.1	40.7	53.7	32.9	43.7
CEREDO	6	80	35.2	32.4	32.6	11.7	32.4	45.4	24.0	28.4
DARBY	1	81	19.7	26.0	19.2	20.3	16.8	21.9	19.4	18.8
DARBY	2	82	18.4	24.5	18.0	19.1	15.3	20.5	18.1	17.6
DARBY	3	83	17.3	23.4	17.0	18.0	14.4	19.2	16.9	16.4
DARBY	4	84	16.1	22.0	16.0	15.3	15.9	18.0	15.8	15.3
DARBY	5	85	15.0	20.7	15.0	13.8	14.8	16.9	14.7	14.3
DARBY	6	86	14.0	19.8	14.1	12.9	13.8	15.8	13.7	13.3
LWBG WIN	1	87	49.2	59.9	49.0	49.1	49.9	59.6	59.9	58.9
LWBG WIN	2	88	62.0	71.6	60.3	60.5	62.3	73.8	77.2	76.5
LWBG SMR	1	89	23.8	27.9	23.9	21.7	23.9	26.4	27.1	26.1
LWBG SMR	2	90	25.9	30.4	26.1	23.9	26.4	29.3	30.5	29.6
WATR CC	1	91	46.5	63.9	51.4	52.0	54.4	61.8	58.6	57.4
WATR2	1	92	30.0	36.6	30.4	27.8	31.0	34.4	34.9	32.8
DRESDEN	1	93	0.0	0.0	93.0	109.5	140.8	137.7	146.1	145.4
DRESD2	1	94	0.0	0.0	27.6	18.3	29.7	32.3	31.7	31.1
BS_BF50	954	954	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CT_KPCC	955	955	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CT_KPCC	956	956	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CT_KPCC	957	957	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CT_KPCC	958	958	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CC_KPCC	959	959	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2D_KP	960	960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2D_IM	961	961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSV6_SCR	962	962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSV5_SCR	963	963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP1D_KP	965	965	0.0	0.0	0.0	0.0	0.0	279.4	266.4	287.6
RP1D_03	966	966	0.0	0.0	0.0	0.0	0.0	1408.0	1058.0	1335.8
CR2_NGCC	967	967	0.0	0.0	0.0	0.0	22.0	24.3	24.1	24.5
CR1_NGCC	968	968	0.0	0.0	0.0	0.0	26.1	28.3	28.4	28.0
MR5_NGCC	969	969	0.0	0.0	0.0	0.0	93.0	95.9	94.0	92.9
RP2TR_KP	970	970	0.0	0.0	0.0	0.0	467.1	722.4	825.9	762.9
RP2TR_IM	971	971	0.0	0.0	0.0	0.0	4074.2	4764.7	6176.5	4854.4
T4_TRONA	998	998	0.0	0.0	0.0	1867.4	1459.0	1695.7	1555.1	0.0

TOTAL AIR BASIN EMISSIONS	74871.2	79699.5	70657.0	75575.7	51208.6	44702.5	48621.1	45006.5
TOTAL SYSTEM EMISSIONS	74871.2	79699.5	70656.9	75575.7	51208.6	44702.5	48621.1	45006.5

EFFLUENT: NOX (B) (INDEX # 4)  
AMOUNT RELEASED (TONS )

	2019	2020	2021	2022	2023	2024	2025	2026
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--- AIR BASIN: AEPSYS ---  
NAME NUMBER INDEX

THERMAL UNITS									
AMOS	1	1	1244.3	1106.3	1256.2	1197.6	1200.0	1059.0	1129.1
AMOS	2	2	1250.7	1257.2	1206.8	1215.9	1121.9	1227.0	1239.5
AMOS_OP	3	3	1853.3	2017.6	1901.6	1799.8	1808.7	1825.0	2030.9
BECKJORD	6	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BIG SAND	1	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BIG SAND	2	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CARD 1+2	1	7	992.8	839.3	955.4	824.9	920.7	832.2	945.4
CARD 1+2	2	8	931.3	1115.4	1042.1	918.0	1090.3	1024.0	922.1
CARD 3	3	9	977.2	1090.3	1093.6	1069.1	1081.6	915.9	1024.9
CLINCH R	1	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	2	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	3	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_KP	1	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_KP	2	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 1-4	3	21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 1-4	4	22	649.7	703.4	739.3	706.6	638.3	687.2	686.1
CSVL 5+6	5	23	4980.5	0.0	0.0	0.0	0.0	0.0	643.8



4A Output.txt									
CSVL 5+6	6	24	4804.3	0.0	0.0	0.0	0.0	0.0	0.0
GAVIN	1	27	3580.3	3381.5	3587.8	3322.6	3529.1	3278.7	3549.9
GAVIN	2	28	3009.1	3286.6	2897.1	3220.4	3030.6	3241.6	2532.3
GLEN LYN	5	29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GLEN LYN	6	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	1	33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	2	34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	3	35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KANAWHA	1	36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KANAWHA	2	37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MITCHELL	1	43	1002.9	1146.2	1003.2	1109.9	1010.1	1106.2	1055.2
MITCHELL	2	44	1098.5	1102.9	1103.5	951.0	1073.0	1077.2	943.9
MOUNT_ER	1	45	3419.0	3229.8	3357.2	3152.5	3277.0	3043.8	3299.4
MUSK RVR	1	46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	2	47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	3	48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	4	49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	5	50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	1	51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	2	52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	3	53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	4	54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PICWAY	5	56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RPRUN_IM	1	58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_IM	2	59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STUART	1	61	624.7	671.3	629.0	622.9	665.1	627.6	560.9
STUART	2	62	680.8	641.8	640.8	679.9	637.8	640.5	681.1
STUART	3	63	663.0	626.6	627.2	655.9	615.2	619.4	659.3
STUART	4	64	733.3	694.1	693.3	728.3	613.6	688.6	732.9
AMOS_AP	3	65	856.3	956.8	904.5	828.0	831.6	837.7	927.1
TANN 1-3	1	66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANN 1-3	2	67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
φ 02/07/13	15:29:40	V04.0 R03.0						NewEnergy Associates Strategist	Page 128

AEP EAST  
GENERATION AND FUEL MODULE  
EMISSIONS RELEASED REPORT

EFFLUENT: NOX (B) (INDEX # 4)  
AMOUNT RELEASED (TONS )

	2019	2020	2021	2022	2023	2024	2025	2026
---- AIR BASIN: AEP SYS ----								
NAME	NUMBER	INDEX						
TANN 4	4	69	0.0	0.0	0.0	0.0	0.0	0.0
ZIMMER	1	70	2724.7	2744.7	2309.0	2667.0	2418.9	2683.8
ROBTMONE	1	71	24.7	25.5	24.5	25.6	25.1	25.2
ROBTMONE	2	72	20.9	21.6	20.8	5.4	0.2	0.0
ROBTMONE	3	73	17.8	18.3	17.6	17.1	22.1	21.6
CEREDO	1	75	42.2	56.9	36.4	52.1	54.2	40.0
CEREDO	2	76	39.2	48.2	33.9	50.8	53.8	52.6
CEREDO	3	77	29.4	41.7	33.7	44.6	38.9	40.4
CEREDO	4	78	41.3	57.2	47.5	56.8	65.9	66.8
CEREDO	5	79	33.8	47.2	48.5	32.4	48.4	51.2
CEREDO	6	80	21.7	24.7	38.6	36.1	35.3	39.7
DARBY	1	81	18.1	17.8	17.9	19.1	19.3	19.6
DARBY	2	82	16.9	16.6	16.7	17.9	18.1	18.4
DARBY	3	83	15.8	15.5	15.6	17.1	16.9	17.2
DARBY	4	84	14.8	14.8	14.5	16.1	15.8	14.5
DARBY	5	85	13.8	11.8	13.5	15.1	14.8	13.7
DARBY	6	86	12.8	11.1	11.0	12.3	11.9	12.3
LWEG WIN	1	87	57.4	57.1	55.5	52.2	51.4	52.7
LWEG WIN	2	88	74.3	75.3	74.2	66.9	66.3	68.2
LWEG SMR	1	89	25.9	26.0	26.0	25.4	25.0	24.9
LWEG SMR	2	90	29.3	29.3	29.4	28.3	27.9	28.1
WATR CC	1	91	55.7	52.1	50.0	49.8	48.7	50.4
WATR2	1	92	32.1	32.5	32.4	32.2	31.9	31.5
DRESDEN	1	93	144.6	146.3	144.0	139.0	142.9	145.0
DRESD2	1	94	31.2	31.3	31.4	31.0	30.7	30.8
BS_BF50	954	954	0.0	0.0	0.0	0.0	0.0	0.0
CT_KPC0	955	955	0.0	0.0	23.7	25.1	24.5	24.6
CT_KPC0	956	956	0.0	0.0	15.0	16.0	15.7	15.8
CT_KPC0	957	957	0.0	0.0	9.0	9.5	9.3	9.4
CT_KPC0	958	958	0.0	0.0	5.1	5.2	5.2	5.2
CC_KPC0	959	959	0.0	0.0	37.0	35.5	35.3	35.3
RP2D_KP	960	960	0.0	563.6	914.4	840.6	741.0	836.5
RP2D_IM	961	961	0.0	7100.1	6789.1	6609.1	5943.0	4962.6
CSV6_SCR	962	962	0.0	417.7	476.9	473.6	409.9	455.6
CSV5_SCR	963	963	0.0	467.4	487.9	410.9	436.1	447.7
RP1D_KP	965	965	291.5	272.4	286.2	240.4	251.8	221.9
RP1D_03	966	966	1360.1	1098.1	1181.0	1007.0	788.6	1099.9
CR2_NGCC	967	967	22.6	24.6	23.9	23.1	25.3	25.5
CR1_NGCC	968	968	27.9	28.3	27.6	26.6	27.7	28.3
MR5_NGCC	969	969	92.5	93.0	92.4	92.9	92.5	93.0
RP2TR_KP	970	970	839.5	0.0	0.0	0.0	0.0	0.0
RP2TR_IM	971	971	3573.9	0.0	0.0	0.0	0.0	0.0
T4_TR0NA	998	998	0.0	0.0	0.0	0.0	0.0	0.0
-----								
TOTAL AIR BASIN EMISSIONS			43098.5	37555.7	37150.7	36329.2	35482.7	34278.2
-----								
TOTAL SYSTEM EMISSIONS			43098.5	37555.7	37150.7	36329.2	35482.7	34278.2

EFFLUENT: NOX (B) (INDEX # 4)  
AMOUNT RELEASED (TONS )

	2027	2028	2029	2030	2031	2032	2033	2034		
---- AIR BASIN: AEPSYS ----										
NAME	NUMBER	INDEX								
THERMAL UNITS										
AMOS	1	1	1201.8	1217.6	1055.2	1221.4	1123.9	1223.3	1221.4	1066.9
AMOS	2	2	1222.3	1132.9	1224.6	1240.5	1237.5	1238.8	1140.2	1231.4
AMOS_OP	3	3	1816.6	1830.3	1830.6	2041.0	2047.1	1835.6	1856.4	1851.8
BECKJORD	6	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BIG SAND	1	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BIG SAND	2	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CARD 1+2	1	7	922.7	831.1	944.8	828.5	925.9	834.2	948.4	831.2
CARD 1+2	2	8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CARD 3	3	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	1	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	2	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	3	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_KP	1	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_KP	2	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 1-4	3	21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 1-4	4	22	688.9	689.6	649.2	694.6	696.7	657.0	699.0	703.0
CSVL 5+6	5	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 5+6	6	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GAVIN	1	27	3540.6	3269.9	3544.5	3338.8	3548.6	3354.7	3557.5	3284.5
GAVIN	2	28	3036.7	3239.5	2977.3	3243.3	2865.3	3252.0	3053.1	3251.4
GLEN LYN	5	29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GLEN LYN	6	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	1	33	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	2	34	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	3	35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KANAWHA	1	36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KANAWHA	2	37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MITCHELL	1	43	1095.5	1094.5	967.8	1100.5	959.9	1098.9	1007.8	1093.7
MITCHELL	2	44	1068.5	945.1	1070.4	1072.0	1073.2	947.7	1076.3	1066.9
MOUNT_ER	1	45	3361.0	3174.8	3364.2	3176.5	3307.0	3192.2	3309.9	3049.3
MUSK RVR	1	46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	2	47	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	3	48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	4	49	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	5	50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	1	51	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	2	52	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	3	53	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	4	54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PICWAY	5	56	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RPRUN_IM	1	58	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_IM	2	59	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STUART	1	61	623.6	626.8	665.5	625.1	623.7	667.0	623.8	563.2
STUART	2	62	638.7	683.8	638.4	639.8	682.5	641.3	639.7	683.2
STUART	3	63	615.1	657.6	617.4	620.3	661.1	622.8	622.4	663.9
STUART	4	64	685.0	732.4	686.1	687.6	733.4	619.7	687.9	734.5
AMOS_AP	3	65	826.9	840.7	830.3	929.1	829.4	834.3	840.3	833.3
TANN 1-3	1	66	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANN 1-3	2	67	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANN 4	4	69	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ZIMMER	1	70	2263.8	2681.9	2678.4	2413.0	2686.4	2694.6	2270.3	2686.2
ROBTMONE	1	71	23.4	23.3	23.4	22.9	24.4	24.8	24.2	23.3
ROBTMONE	2	72	12.0	0.0	12.2	3.2	20.9	5.0	0.0	0.2
ROBTMONE	3	73	18.3	18.8	18.1	20.9	17.7	16.1	20.6	20.1
CEREDO	1	75	52.7	70.8	62.6	52.2	71.3	71.1	78.2	82.9
CEREDO	2	76	48.5	61.1	58.5	49.6	68.6	64.8	72.4	78.3
CEREDO	3	77	41.1	51.7	47.7	45.7	55.1	63.8	60.3	72.3
CEREDO	4	78	57.6	73.2	45.5	73.6	75.0	52.3	88.0	82.4
CEREDO	5	79	41.9	56.2	53.7	54.4	64.2	64.6	71.6	55.3
CEREDO	6	80	40.4	49.3	36.7	54.1	52.3	56.7	45.8	63.9
DARBY	1	81	18.3	18.2	17.9	18.0	18.2	18.2	18.9	18.6
DARBY	2	82	17.1	17.0	16.8	17.0	17.0	17.1	17.7	17.3
DARBY	3	83	15.9	15.8	15.6	16.0	15.9	16.4	16.5	16.1
DARBY	4	84	14.8	14.7	14.6	15.2	14.8	15.5	15.3	13.6
DARBY	5	85	13.8	13.7	13.6	12.1	13.8	14.4	14.3	12.8
DARBY	6	86	11.1	11.0	11.1	11.3	11.3	11.9	11.7	11.5
LWBG WIN	1	87	51.6	51.8	51.4	51.9	52.4	52.7	52.2	52.7
LWBG WIN	2	88	68.1	68.5	68.0	68.4	69.1	69.8	69.3	69.9
LWBG SMR	1	89	25.2	25.5	25.1	25.9	26.2	26.4	26.5	26.7
LWBG SMR	2	90	28.4	28.8	28.5	29.2	29.6	29.9	30.0	30.3
WATR CC	1	91	47.4	47.2	47.4	48.4	48.8	48.7	48.4	48.9
WATR2	1	92	31.5	31.9	31.2	32.1	32.7	32.8	32.8	32.8
DRESDEN	1	93	139.1	145.4	144.0	143.3	143.4	146.2	145.5	143.9
DRESD2	1	94	30.7	30.8	30.7	30.9	31.1	31.2	31.0	30.8
BS_BF50	954	954	75.4	75.0	75.1	75.8	76.6	77.5	78.4	78.9
CT_KPCC	955	955	24.5	24.5	24.3	24.6	25.0	24.8	25.0	25.1
CT_KPCC	956	956	16.7	16.8	16.8	17.0	17.3	17.2	17.2	17.3
CT_KPCC	957	957	10.5	10.8	10.7	10.9	11.2	11.1	11.0	10.9
CT_KPCC	958	958	6.1	6.4	6.3	6.4	6.7	6.6	6.5	6.4
CC_KPCC	959	959	30.6	30.7	30.2	30.9	31.0	30.6	31.0	30.8
RP2D_KP	960	960	772.1	693.3	766.9	561.7	707.7	751.0	652.6	731.7
RP2D_IM	961	961	6742.5	5545.1	6466.0	6428.3	4938.5	6897.5	6452.0	6732.4
CSV6_SCR	962	962	438.4	357.0	462.5	482.1	465.7	417.5	475.3	371.5
CSV5_SCR	963	963	450.3	399.8	453.1	434.5	455.7	426.5	454.9	461.6
RP1D_KP	965	965	240.2	254.1	239.7	254.4	221.0	255.3	255.6	241.4
RP1D_O3	966	966	1025.5	1102.9	777.7	1038.0	1100.4	1039.3	1087.1	965.4
CR2_NGCC	967	967	23.3	25.5	24.8	26.1	25.8	26.4	27.4	26.2
CR1_NGCC	968	968	27.5	29.1	29.3	29.9	29.0	30.0	30.1	29.9
MR5_NGCC	969	969	91.9	92.1	91.8	92.2	92.4	92.6	92.3	92.2
RP2TR_KP	970	970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

		4A Output.txt								
RP2TR_IM	971	971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
T4_TRONA	998	998	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-----										
TOTAL AIR BASIN EMISSIONS			34431.9	33236.8	34094.2	34281.2	33279.2	34768.3	34242.0	34441.0
-----										
TOTAL SYSTEM EMISSIONS			34431.9	33236.8	34094.2	34281.2	33279.2	34768.3	34242.0	34441.0
+ 02/07/13 15:29:40 V04.0 R03.0								NewEnergy Associates Strategist	Page	129

AEP EAST  
GENERATION AND FUEL MODULE  
EMISSIONS RELEASED REPORT

EFFLUENT: NOX (B) (INDEX # 4)  
AMOUNT RELEASED (TONS )

			2035	2036	2037	2038	2039	2040
---- AIR BASIN: AEP SYS ----								
NAME	NUMBER	INDEX						
THERMAL UNITS								
AMOS	1	1	1221.3	1136.8	1203.6	1228.4	1214.8	1198.9
AMOS	2	2	1241.7	1253.6	1226.6	1246.6	1234.1	1231.9
AMOS_OP	3	3	2070.1	2077.4	1857.0	2080.4	1871.5	2090.9
BECKJORD	6	4	0.0	0.0	0.0	0.0	0.0	0.0
BIG SAND	1	5	0.0	0.0	0.0	0.0	0.0	0.0
BIG SAND	2	6	0.0	0.0	0.0	0.0	0.0	0.0
CARD 1+2	1	7	928.2	836.1	950.7	832.5	832.1	931.7
CARD 1+2	2	8	0.0	0.0	0.0	0.0	0.0	0.0
CARD 3	3	9	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	1	16	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	2	17	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	3	18	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_KP	1	19	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_KP	2	20	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 1-4	3	21	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 1-4	4	22	662.4	710.4	707.8	667.2	713.2	673.0
CSVL 5+6	5	23	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 5+6	6	24	0.0	0.0	0.0	0.0	0.0	0.0
GAVIN	1	27	3561.1	3361.8	3566.5	3284.6	3567.2	3366.5
GAVIN	2	28	2548.1	3263.1	3059.1	3256.6	2996.6	3270.3
GLEN LYN	5	29	0.0	0.0	0.0	0.0	0.0	0.0
GLEN LYN	6	30	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	1	33	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	2	34	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	3	35	0.0	0.0	0.0	0.0	0.0	0.0
KANAWHA	1	36	0.0	0.0	0.0	0.0	0.0	0.0
KANAWHA	2	37	0.0	0.0	0.0	0.0	0.0	0.0
MITCHELL	1	43	1049.2	970.6	1095.6	1098.5	975.2	1107.2
MITCHELL	2	44	940.0	1079.2	1073.2	948.6	1079.9	1081.9
MOUNT_ER	1	45	3316.7	2544.9	3384.3	3191.4	3391.8	3200.2
MUSK RVR	1	46	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	2	47	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	3	48	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	4	49	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	5	50	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	1	51	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	2	52	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	3	53	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	4	54	0.0	0.0	0.0	0.0	0.0	0.0
PICWAY	5	56	0.0	0.0	0.0	0.0	0.0	0.0
RPRUM_IM	1	58	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_IM	2	59	0.0	0.0	0.0	0.0	0.0	0.0
STUART	1	61	667.8	628.4	627.4	668.7	627.2	630.0
STUART	2	62	640.5	642.2	683.5	640.3	640.9	685.7
STUART	3	63	623.7	627.0	665.4	624.3	625.3	668.7
STUART	4	64	689.0	691.7	735.9	690.2	690.8	738.8
AMOS_AP	3	65	921.5	926.5	815.9	925.0	827.3	891.3
TANN 1-3	1	66	0.0	0.0	0.0	0.0	0.0	0.0
TANN 1-3	2	67	0.0	0.0	0.0	0.0	0.0	0.0
TANN 4	4	69	0.0	0.0	0.0	0.0	0.0	0.0
ZIMMER	1	70	2686.2	2426.9	2693.0	2689.5	2274.1	2698.1
ROBTONE	1	71	23.4	22.8	22.6	21.3	21.5	20.8
ROBTONE	2	72	0.0	0.2	11.8	0.0	11.6	2.5
ROBTONE	3	73	19.7	19.0	17.0	17.1	15.9	16.7
CEREDO	1	75	54.2	82.1	75.1	78.8	71.1	64.4
CEREDO	2	76	62.1	80.7	73.2	78.4	67.0	64.4
CEREDO	3	77	56.5	75.4	66.0	61.3	60.7	58.2
CEREDO	4	78	83.5	86.9	80.8	79.2	80.2	71.0
CEREDO	5	79	67.0	77.7	69.3	67.9	64.1	86.2
CEREDO	6	80	61.6	74.1	62.4	47.4	52.8	76.3
DARBY	1	81	16.4	18.2	18.3	17.5	17.5	16.3
DARBY	2	82	15.4	16.9	17.0	16.2	16.2	15.1
DARBY	3	83	13.8	15.7	15.8	15.0	15.1	14.0
DARBY	4	84	15.3	14.6	14.6	13.9	13.9	13.1
DARBY	5	85	14.1	13.5	13.5	12.8	12.9	10.7
DARBY	6	86	11.5	10.9	11.1	10.5	10.6	9.9
LWBG WIN	1	87	52.7	52.7	52.4	53.4	53.4	53.2
LWBG WIN	2	88	70.6	70.5	70.3	71.9	71.7	71.6
LWBG SHR	1	89	26.9	27.0	27.2	27.2	27.5	27.4
LWBG SHR	2	90	30.5	30.6	30.9	31.0	31.3	31.3
WATR CC	1	91	48.3	48.3	47.9	51.0	51.1	50.9
WATR2	1	92	32.9	32.8	33.2	32.8	33.3	32.6
DRESDEN	1	93	140.3	140.1	139.6	207.4	208.0	135.4
DRESD2	1	94	30.6	33.0	31.4	30.4	30.4	33.1

4A Output.txt									
BS_BF50	954	954	77.9	80.9	81.2	81.0	81.7	81.1	
CT_KPC0	955	955	25.0	25.1	25.2	25.4	25.0	25.2	
CT_KPC0	956	956	17.1	17.3	17.4	17.5	17.1	17.1	
CT_KPC0	957	957	10.9	11.1	11.0	11.0	10.7	10.6	
CT_KPC0	958	958	6.3	6.6	6.3	6.3	6.1	5.9	
CC_KPC0	959	959	31.6	31.2	30.8	31.6	30.7	31.7	
RP2D_KP	960	960	556.1	669.1	710.8	639.5	716.2	541.1	
RP2D_IM	961	961	5908.6	5082.0	6691.0	5795.9	6932.9	5644.2	
CSV5_SCR	962	962	453.2	452.3	481.2	411.4	485.4	505.7	
CSV5_SCR	963	963	368.9	464.2	464.7	417.3	471.9	453.9	
RP1D_KP	965	965	255.1	243.2	257.5	224.3	259.4	260.5	
RP1D_O3	966	966	764.6	1025.0	915.2	1006.6	898.9	961.2	
CR2_NGCC	967	967	25.7	26.2	25.9	24.2	23.8	25.5	
CR1_NGCC	968	968	28.3	29.4	28.5	27.5	27.0	27.4	
MR5_NGCC	969	969	92.1	92.3	92.2	91.7	91.9	91.9	
RP2TR_KP	970	970	0.0	0.0	0.0	0.0	0.0	0.0	
RP2TR_IM	971	971	0.0	0.0	0.0	0.0	0.0	0.0	
T4_TRONA	998	998	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL AIR BASIN EMISSIONS			33336.1	32476.4	35185.3	33926.6	34678.7	34123.2	
TOTAL SYSTEM EMISSIONS			33336.1	32476.4	35185.3	33926.6	34678.7	34123.2	

02/07/13 15:29:40 V04.0 R03.0

NewEnergy Associates  
Strategist Page 130

AEP EAST  
GENERATION AND FUEL MODULE  
EMISSIONS RELEASED REPORT

EFFLUENT: NSR S02 (INDEX # 5) AMOUNT RELEASED (TONS )									
		2011	2012	2013	2014	2015	2016	2017	2018
---- AIR BASIN: AEP SYS ----									
NAME NUMBER INDEX									
THERMAL UNITS									
BIG SAND	1 5	5169.6	3206.8	2582.1	1633.8	1515.6	0.0	0.0	0.0
BIG SAND	2 6	29036.0	18094.8	15931.1	10177.0	3610.3	0.0	0.0	0.0
ROCKP_KP	1 19	5023.3	4553.8	4094.6	3131.1	2890.2	0.0	0.0	0.0
ROCKP_KP	2 20	5509.0	3497.3	2462.3	1851.2	345.3	0.0	0.0	0.0
RP2D_KP	960 960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP1D_KP	965 965	0.0	0.0	0.0	0.0	0.0	858.9	819.0	884.1
RP2TR_KP	970 970	0.0	0.0	0.0	0.0	1227.7	1898.8	2170.9	2005.4
TOTAL AIR BASIN EMISSIONS		44737.9	29352.7	25070.2	16793.1	9589.2	2757.7	2989.9	2889.4
TOTAL SYSTEM EMISSIONS		44737.9	29352.7	25070.2	16793.1	9589.2	2757.7	2989.9	2889.4

EFFLUENT: NSR S02 (INDEX # 5) AMOUNT RELEASED (TONS )									
		2019	2020	2021	2022	2023	2024	2025	2026
---- AIR BASIN: AEP SYS ----									
NAME NUMBER INDEX									
THERMAL UNITS									
BIG SAND	1 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BIG SAND	2 6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_KP	1 19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_KP	2 20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2D_KP	960 960	0.0	1703.4	2763.7	2548.2	2246.2	2535.9	1871.6	2254.4
RP1D_KP	965 965	896.3	837.4	879.7	739.1	774.2	682.2	779.6	779.7
RP2TR_KP	970 970	2206.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL AIR BASIN EMISSIONS		3103.0	2540.8	3643.4	3287.3	3020.4	3218.2	2651.1	3034.1
TOTAL SYSTEM EMISSIONS		3103.0	2540.8	3643.4	3287.3	3020.4	3218.2	2651.1	3034.1

EFFLUENT: NSR S02 (INDEX # 5) AMOUNT RELEASED (TONS )									
		2027	2028	2029	2030	2031	2032	2033	2034
---- AIR BASIN: AEP SYS ----									
NAME NUMBER INDEX									
THERMAL UNITS									
BIG SAND	1 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BIG SAND	2 6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_KP	1 19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_KP	2 20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2D_KP	960 960	2340.6	2101.6	2324.7	1702.7	2145.5	2276.6	1978.3	2218.1
RP1D_KP	965 965	738.6	781.3	737.0	782.2	679.5	784.9	785.9	742.0
RP2TR_KP	970 970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL AIR BASIN EMISSIONS		3079.2	2882.9	3061.7	2484.8	2824.9	3061.5	2764.2	2960.1
TOTAL SYSTEM EMISSIONS		3079.2	2882.9	3061.7	2484.8	2824.9	3061.5	2764.2	2960.1

EFFLUENT: MSR S02 (INDEX # 5)  
 AMOUNT RELEASED (TONS )

	2035	2036	2037	2038	2039	2040
---- AIR BASIN: AEPSPYS ----						
NAME	NUMBER	INDEX				
THERMAL UNITS						
BIG SAND	1	5	0.0	0.0	0.0	0.0
BIG SAND	2	6	0.0	0.0	0.0	0.0
ROCKP_KP	1	19	0.0	0.0	0.0	0.0
ROCKP_KP	2	20	0.0	0.0	0.0	0.0
RP2D_KP	960	960	1685.8	2028.3	2154.8	1938.7
RP1D_KP	965	965	784.1	747.5	791.5	689.6
RP2TR_KP	970	970	0.0	0.0	0.0	0.0
-----						
TOTAL AIR BASIN EMISSIONS			2469.9	2775.8	2946.2	2628.4
=====						
TOTAL SYSTEM EMISSIONS			2469.9	2775.8	2946.2	2628.4

‡ 02/07/13 15:29:40 V04.0 R03.0

NewEnergy Associates  
 Strategist Page

AEP EAST  
 GENERATION AND FUEL MODULE  
 EMISSIONS RELEASED REPORT

EFFLUENT: HG (E) (INDEX # 6)  
 AMOUNT RELEASED (TONS )

	2011	2012	2013	2014	2015	2016	2017	2018
---- AIR BASIN: AEPSPYS ----								
NAME	NUMBER	INDEX						
THERMAL UNITS								
AMOS	1	1	0.0	0.0	0.0	0.0	0.0	0.0
AMOS	2	2	0.0	0.0	0.0	0.0	0.0	0.0
AMOS_OP	3	3	0.0	0.0	0.0	0.0	0.0	0.0
BECKJORD	6	4	0.0	0.0	0.0	0.0	0.0	0.0
BIG SAND	1	5	0.0	0.0	0.0	0.0	0.0	0.0
BIG SAND	2	6	0.2	0.1	0.1	0.0	0.0	0.0
CARD 1+2	1	7	0.0	0.0	0.0	0.0	0.0	0.0
CARD 1+2	2	8	0.0	0.0	0.0	0.0	0.0	0.0
CARD 3	3	9	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	1	16	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	2	17	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	3	18	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_KP	1	19	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_KP	2	20	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 1-4	3	21	0.1	0.1	0.0	0.0	0.0	0.0
CSVL 1-4	4	22	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 5+6	5	23	0.1	0.1	0.1	0.2	0.1	0.2
CSVL 5+6	6	24	0.1	0.1	0.1	0.2	0.1	0.2
GAVIN	1	27	0.0	0.0	0.0	0.0	0.0	0.0
GAVIN	2	28	0.0	0.0	0.0	0.0	0.0	0.0
GLEN LYN	6	30	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	1	33	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	2	34	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	3	35	0.0	0.0	0.0	0.0	0.0	0.0
KANAWHA	1	36	0.0	0.0	0.0	0.0	0.0	0.0
KANAWHA	2	37	0.0	0.0	0.0	0.0	0.0	0.0
MITCHELL	1	43	0.0	0.0	0.0	0.0	0.0	0.0
MITCHELL	2	44	0.0	0.0	0.0	0.0	0.0	0.0
MOUNT_ER	1	45	0.1	0.1	0.1	0.1	0.1	0.1
MUSK RVR	1	46	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	2	47	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	3	48	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	4	49	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	5	50	0.1	0.1	0.1	0.1	0.0	0.0
P SPORN	1	51	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	2	52	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	3	53	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	4	54	0.0	0.0	0.0	0.0	0.0	0.0
PICWAY	5	56	0.0	0.0	0.0	0.0	0.0	0.0
RPRUN_IM	1	58	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_IM	2	59	0.0	0.0	0.0	0.0	0.0	0.0
STUART	1	61	0.0	0.0	0.0	0.0	0.0	0.0
STUART	2	62	0.0	0.0	0.0	0.0	0.0	0.0
STUART	3	63	0.0	0.0	0.0	0.0	0.0	0.0
STUART	4	64	0.0	0.0	0.0	0.0	0.0	0.0
AMOS_AP	3	65	0.0	0.0	0.0	0.0	0.0	0.0
TANN	4	69	0.0	0.0	0.0	0.0	0.0	0.0
ZIMMER	1	70	0.0	0.0	0.0	0.0	0.0	0.1
RP2D_KP	960	960	0.0	0.0	0.0	0.0	0.0	0.0
RP2D_IM	961	961	0.0	0.0	0.0	0.0	0.0	0.0
CSV6_SCR	962	962	0.0	0.0	0.0	0.0	0.0	0.0
CSV5_SCR	963	963	0.0	0.0	0.0	0.0	0.0	0.0
RP1D_KP	965	965	0.0	0.0	0.0	0.0	0.0	0.0
RP1D_03	966	966	0.0	0.0	0.0	0.0	0.0	0.0
RP2TR_KP	970	970	0.0	0.0	0.0	0.0	0.0	0.0
RP2TR_IM	971	971	0.0	0.0	0.0	0.0	0.0	0.0
T4_TRONA	998	998	0.0	0.0	0.0	0.0	0.0	0.0
-----								
TOTAL AIR BASIN EMISSIONS			1.5	1.5	1.4	1.5	1.0	0.9
=====								

TOTAL SYSTEM EMISSIONS 1.5 1.5 4A Output.txt 1.4 1.5 1.0 0.9 1.0 0.9

EFFLUENT: HG (E) (INDEX # 6)  
 AMOUNT RELEASED (TONS ) 2019 2020 2021 2022 2023 2024 2025 2026

---- AIR BASIN: AEPSPYS ----  
 NAME NUMBER INDEX

THERMAL UNITS		2019	2020	2021	2022	2023	2024	2025	2026
AMOS	1 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AMOS	2 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AMOS_OP	3 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BECKJORD	6 4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BIG SAND	1 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BIG SAND	2 6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CARD 1+2	1 7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CARD 1+2	2 8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CARD 3	3 9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	1 16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	2 17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	3 18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_KP	1 19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_KP	2 20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 1-4	3 21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 1-4	4 22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 5+6	5 23	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 5+6	6 24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GAVIN	1 27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GAVIN	2 28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GLEN LYN	6 30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	1 33	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	2 34	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	3 35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KANAWHA	1 36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KANAWHA	2 37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MITCHELL	1 43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MITCHELL	2 44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MOUNT_ER	1 45	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
MUSK RVR	1 46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	2 47	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	3 48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	4 49	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	5 50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	1 51	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	2 52	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	3 53	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	4 54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PICWAY	5 56	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RPRUM_IM	1 58	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_IM	2 59	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STUART	1 61	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STUART	2 62	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STUART	3 63	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STUART	4 64	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AMOS_AP	3 65	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANN	4 69	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ZIMMER	1 70	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP2D_KP	960 960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2D_IM	961 961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSV6_SCR	962 962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSV5_SCR	963 963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP1D_KP	965 965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP1D_03	966 966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2TR_KP	970 970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2TR_IM	971 971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
T4_TRONA	998 998	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

-----  
 TOTAL AIR BASIN EMISSIONS 0.9 0.6 0.6 0.6 0.6 0.6 0.6 0.6  
 -----  
 TOTAL SYSTEM EMISSIONS 0.9 0.6 0.6 0.6 0.6 0.6 0.6 0.6

EFFLUENT: HG (E) (INDEX # 6)  
 AMOUNT RELEASED (TONS ) 2027 2028 2029 2030 2031 2032 2033 2034

---- AIR BASIN: AEPSPYS ----  
 NAME NUMBER INDEX

THERMAL UNITS		2027	2028	2029	2030	2031	2032	2033	2034
AMOS	1 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AMOS	2 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AMOS_OP	3 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BECKJORD	6 4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BIG SAND	1 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BIG SAND	2 6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CARD 1+2	1 7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CARD 1+2	2 8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CARD 3	3 9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	1 16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	2 17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	3 18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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NewEnergy Associates  
 Strategist Page 132

4A Output.txt  
AEP EAST  
GENERATION AND FUEL MODULE  
EMISSIONS RELEASED REPORT

EFFLUENT: HG (E) (INDEX # 6)			2027	2028	2029	2030	2031	2032	2033	2034
AMOUNT RELEASED (TONS )										
---- AIR BASIN: AEP SYS ----										
NAME	NUMBER	INDEX								
ROCKP_KP	1	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_KP	2	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSVL I-4	3	21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 1-4	4	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 5+6	5	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 5+6	6	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GAVIN	1	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GAVIN	2	28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GLEN LYN	6	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	1	33	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	2	34	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	3	35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KANAWHA	1	36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KANAWHA	2	37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MITCHELL	1	43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MITCHELL	2	44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MOUNT_ER	1	45	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
MUSK RVR	1	46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	2	47	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	3	48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	4	49	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MUSK RVR	5	50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	1	51	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	2	52	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	3	53	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	4	54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PICWAY	5	56	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RPRUM_IM	1	58	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_IM	2	59	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STUART	1	61	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STUART	2	62	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STUART	3	63	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STUART	4	64	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AMOS AP	3	65	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANN 4	4	69	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ZIMMER	1	70	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.1
RP2D_KP	960	960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2D_IM	961	961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSV6_SCR	962	962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSV5_SCR	963	963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP1D_KP	965	965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP1D_03	966	966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2TR_KP	970	970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2TR_IM	971	971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
T4_TRONA	998	998	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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TOTAL AIR BASIN EMISSIONS			0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
=====			=====	=====	=====	=====	=====	=====	=====	=====
TOTAL SYSTEM EMISSIONS			0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6

EFFLUENT: HG (E) (INDEX # 6)			2035	2036	2037	2038	2039	2040
AMOUNT RELEASED (TONS )								
---- AIR BASIN: AEP SYS ----								
NAME	NUMBER	INDEX						
THERMAL UNITS								
AMOS	1	1	0.0	0.0	0.0	0.0	0.0	0.0
AMOS	2	2	0.0	0.0	0.0	0.0	0.0	0.0
AMOS OP	3	3	0.0	0.0	0.0	0.0	0.0	0.0
BECKFORD	6	4	0.0	0.0	0.0	0.0	0.0	0.0
BIG SAND	1	5	0.0	0.0	0.0	0.0	0.0	0.0
BIG SAND	2	6	0.0	0.0	0.0	0.0	0.0	0.0
CARD 1+2	1	7	0.0	0.0	0.0	0.0	0.0	0.0
CARD 1+2	2	8	0.0	0.0	0.0	0.0	0.0	0.0
CARD 3	3	9	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	1	16	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	2	17	0.0	0.0	0.0	0.0	0.0	0.0
CLINCH R	3	18	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_KP	1	19	0.0	0.0	0.0	0.0	0.0	0.0
ROCKP_KP	2	20	0.0	0.0	0.0	0.0	0.0	0.0
CSVL I-4	3	21	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 1-4	4	22	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 5+6	5	23	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 5+6	6	24	0.0	0.0	0.0	0.0	0.0	0.0
GAVIN	1	27	0.0	0.0	0.0	0.0	0.0	0.0
GAVIN	2	28	0.0	0.0	0.0	0.0	0.0	0.0
GLEN LYN	6	30	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	1	33	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	2	34	0.0	0.0	0.0	0.0	0.0	0.0
KAMMER	3	35	0.0	0.0	0.0	0.0	0.0	0.0
KANAWHA	1	36	0.0	0.0	0.0	0.0	0.0	0.0













































[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

¶ [REDACTED]

[REDACTED]

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

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AEP EAST  
PROVIEW LEAST COST OPTIMIZATION SYSTEM  
STUDY PERIOD PLAN COMPARISON

PLAN RANK	1	2	3	4	5	6	7	8
2011								
2012								
2013	CV3R( 1)	CV3R( 1)	CV3R( 1)	CV3R( 1)	CV3R( 1)	CV3R( 1)	CV3R( 1)	CV3R( 1)
2014	TC4T( 1)	TC4T( 1)	TC4T( 1)	TC4T( 1)	TC4T( 1)	TC4T( 1)	TC4T( 1)	TC4T( 1)
2015	BK6R( 1)	BK6R( 1)	BK6R( 1)	BK6R( 1)	BK6R( 1)	BK6R( 1)	BK6R( 1)	BK6R( 1)
	BSIR( 1)	BSIR( 1)	BSIR( 1)	BSIR( 1)	BSIR( 1)	BSIR( 1)	BSIR( 1)	BSIR( 1)
	BS2R( 1)	BS2R( 1)	BS2R( 1)	BS2R( 1)	BS2R( 1)	BS2R( 1)	BS2R( 1)	BS2R( 1)

4A Output.txt

	CR1R( 1)	CR1R( 1)	CR1R( 1)	CR1R( 1)	CR1R( 1)	CR1R( 1)	CR1R( 1)	CR1R( 1)
	CR2R( 1)	CR2R( 1)	CR2R( 1)	CR2R( 1)	CR2R( 1)	CR2R( 1)	CR2R( 1)	CR2R( 1)
	CR3R( 1)	CR3R( 1)	CR3R( 1)	CR3R( 1)	CR3R( 1)	CR3R( 1)	CR3R( 1)	CR3R( 1)
	GL5R( 1)	GL5R( 1)	GL5R( 1)	GL5R( 1)	GL5R( 1)	GL5R( 1)	GL5R( 1)	GL5R( 1)
	GL6R( 1)	GL6R( 1)	GL6R( 1)	GL6R( 1)	GL6R( 1)	GL6R( 1)	GL6R( 1)	GL6R( 1)
	KM1R( 1)	KM1R( 1)	KM1R( 1)	KM1R( 1)	KM1R( 1)	KM1R( 1)	KM1R( 1)	KM1R( 1)
	KM2R( 1)	KM2R( 1)	KM2R( 1)	KM2R( 1)	KM2R( 1)	KM2R( 1)	KM2R( 1)	KM2R( 1)
	KM3R( 1)	KM3R( 1)	KM3R( 1)	KM3R( 1)	KM3R( 1)	KM3R( 1)	KM3R( 1)	KM3R( 1)
	KN1R( 1)	KN1R( 1)	KN1R( 1)	KN1R( 1)	KN1R( 1)	KN1R( 1)	KN1R( 1)	KN1R( 1)
	KN2R( 1)	KN2R( 1)	KN2R( 1)	KN2R( 1)	KN2R( 1)	KN2R( 1)	KN2R( 1)	KN2R( 1)
	MR1R( 1)	MR1R( 1)	MR1R( 1)	MR1R( 1)	MR1R( 1)	MR1R( 1)	MR1R( 1)	MR1R( 1)
	MR2R( 1)	MR2R( 1)	MR2R( 1)	MR2R( 1)	MR2R( 1)	MR2R( 1)	MR2R( 1)	MR2R( 1)
	MR3R( 1)	MR3R( 1)	MR3R( 1)	MR3R( 1)	MR3R( 1)	MR3R( 1)	MR3R( 1)	MR3R( 1)
	MR4R( 1)	MR4R( 1)	MR4R( 1)	MR4R( 1)	MR4R( 1)	MR4R( 1)	MR4R( 1)	MR4R( 1)
	MR5R( 1)	MR5R( 1)	MR5R( 1)	MR5R( 1)	MR5R( 1)	MR5R( 1)	MR5R( 1)	MR5R( 1)
	PW5R( 1)	PW5R( 1)	PW5R( 1)	PW5R( 1)	PW5R( 1)	PW5R( 1)	PW5R( 1)	PW5R( 1)
	SP1R( 1)	SP1R( 1)	SP1R( 1)	SP1R( 1)	SP1R( 1)	SP1R( 1)	SP1R( 1)	SP1R( 1)
	SP2R( 1)	SP2R( 1)	SP2R( 1)	SP2R( 1)	SP2R( 1)	SP2R( 1)	SP2R( 1)	SP2R( 1)
	SP3R( 1)	SP3R( 1)	SP3R( 1)	SP3R( 1)	SP3R( 1)	SP3R( 1)	SP3R( 1)	SP3R( 1)
	SP4R( 1)	SP4R( 1)	SP4R( 1)	SP4R( 1)	SP4R( 1)	SP4R( 1)	SP4R( 1)	SP4R( 1)
	TN1R( 1)	TN1R( 1)	TN1R( 1)	TN1R( 1)	TN1R( 1)	TN1R( 1)	TN1R( 1)	TN1R( 1)
	TN2R( 1)	TN2R( 1)	TN2R( 1)	TN2R( 1)	TN2R( 1)	TN2R( 1)	TN2R( 1)	TN2R( 1)
	TN3R( 1)	TN3R( 1)	TN3R( 1)	TN3R( 1)	TN3R( 1)	TN3R( 1)	TN3R( 1)	TN3R( 1)
	RP2T( 1)	RP2T( 1)	RP2T( 1)	RP2T( 1)	RP2T( 1)	RP2T( 1)	RP2T( 1)	RP2T( 1)
	RP2T( 1)	RP2T( 1)	RP2T( 1)	RP2T( 1)	RP2T( 1)	RP2T( 1)	RP2T( 1)	RP2T( 1)
	M5CC( 1)	M5CC( 1)	M5CC( 1)	M5CC( 1)	M5CC( 1)	M5CC( 1)	M5CC( 1)	M5CC( 1)
	CR1G( 1)	CR1G( 1)	CR1G( 1)	CR1G( 1)	CR1G( 1)	CR1G( 1)	CR1G( 1)	CR1G( 1)
2016	CR2G( 1)	CR2G( 1)	CR2G( 1)	CR2G( 1)	CR2G( 1)	CR2G( 1)	CR2G( 1)	CR2G( 1)
	RP3D( 1)	RP3D( 1)	RP3D( 1)	RP3D( 1)	RP3D( 1)	RP3D( 1)	RP3D( 1)	RP3D( 1)
	RP1P( 1)	RP1P( 1)	RP1P( 1)	RP1P( 1)	RP1P( 1)	RP1P( 1)	RP1P( 1)	RP1P( 1)
2017								
2018	TN4R( 1)	TN4R( 1)	TN4R( 1)	TN4R( 1)	TN4R( 1)	TN4R( 1)	TN4R( 1)	TN4R( 1)
2019								
2020	CV5D( 1)	CV5D( 1)	CV5D( 1)	CV5D( 1)	CV5D( 1)	CV5D( 1)	CV5D( 1)	CV5D( 1)
	CV6D( 1)	CV6D( 1)	CV6D( 1)	CV6D( 1)	CV6D( 1)	CV6D( 1)	CV6D( 1)	CV6D( 1)
	RP2Q( 1)	RP2Q( 1)	RP2Q( 1)	RP2Q( 1)	RP2Q( 1)	RP2Q( 1)	RP2Q( 1)	RP2Q( 1)
	RP2P( 1)	RP2P( 1)	RP2P( 1)	RP2P( 1)	RP2P( 1)	RP2P( 1)	RP2P( 1)	RP2P( 1)
2021	CCKP( 1)	CCKP( 2)	CCKP( 2)	CCKP( 1)	CCKP( 1)	BFC2( 1)	BFC2( 1)	BFC2( 1)
	CTKP( 4)			CTKP( 4)	CTKP( 4)			
2022								
2023								
2024								
2025								
2026	BFCC( 1)	BFCC( 1)	CCKP( 1)	CCKP( 1)	CCKP( 1)	CTKP( 4)	CCKP( 1)	BFCC( 1)
2027								
2028								
2029								
2030								
2031								
2032								
2033								
2034								
2035								
2036								
2037				CCKP( 1)	BFCC( 1)			
2038								
2039								
2040								

P.V. UTILITY COST:								
PLANNING PERIOD	83551960.0	83597608.0	83599944.0	83600168.0	83601080.0	83617520.0	83635208.0	83639904.0
% DIFFERENCE	0.00%	0.05%	0.06%	0.06%	0.06%	0.08%	0.10%	0.11%
END EFFECTS PERIOD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% DIFFERENCE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
STUDY PERIOD	83551960.0	83597608.0	83599944.0	83600168.0	83601080.0	83617520.0	83635208.0	83639904.0
% DIFFERENCE	0.00%	0.05%	0.06%	0.06%	0.06%	0.08%	0.10%	0.11%
PLANNING PERIOD RANK	1	2	3	4	5	6	7	8

STUDY PERIOD = PLANNING PERIOD + END EFFECTS PERIOD  
 ‡ 02/07/13 15:29:42 V04.0 R03.0

NewEnergy Associates  
 Strategist Page 149

AEP EAST  
 PROVIDEN LEAST COST OPTIMIZATION SYSTEM  
 STUDY PERIOD PLAN COMPARISON

PLAN RANK	9	10	11	12	13	14	15	16
2011								
2012								
2013	CV3R( 1)	CV3R( 1)	CV3R( 1)	CV3R( 1)	CV3R( 1)	CV3R( 1)	CV3R( 1)	CV3R( 1)
2014	TC4T( 1)	TC4T( 1)	TC4T( 1)	TC4T( 1)	TC4T( 1)	TC4T( 1)	TC4T( 1)	TC4T( 1)
2015	BK6R( 1)	BK6R( 1)	BK6R( 1)	BK6R( 1)	BK6R( 1)	BK6R( 1)	BK6R( 1)	BK6R( 1)
	BS1R( 1)	BS1R( 1)	BS1R( 1)	BS1R( 1)	BS1R( 1)	BS1R( 1)	BS1R( 1)	BS1R( 1)
	BS2R( 1)	BS2R( 1)	BS2R( 1)	BS2R( 1)	BS2R( 1)	BS2R( 1)	BS2R( 1)	BS2R( 1)
	CR1R( 1)	CR1R( 1)	CR1R( 1)	CR1R( 1)	CR1R( 1)	CR1R( 1)	CR1R( 1)	CR1R( 1)
	CR2R( 1)	CR2R( 1)	CR2R( 1)	CR2R( 1)	CR2R( 1)	CR2R( 1)	CR2R( 1)	CR2R( 1)
	CR3R( 1)	CR3R( 1)	CR3R( 1)	CR3R( 1)	CR3R( 1)	CR3R( 1)	CR3R( 1)	CR3R( 1)
	GL5R( 1)	GL5R( 1)	GL5R( 1)	GL5R( 1)	GL5R( 1)	GL5R( 1)	GL5R( 1)	GL5R( 1)
	GL6R( 1)	GL6R( 1)	GL6R( 1)	GL6R( 1)	GL6R( 1)	GL6R( 1)	GL6R( 1)	GL6R( 1)
	KM1R( 1)	KM1R( 1)	KM1R( 1)	KM1R( 1)	KM1R( 1)	KM1R( 1)	KM1R( 1)	KM1R( 1)
	KM2R( 1)	KM2R( 1)	KM2R( 1)	KM2R( 1)	KM2R( 1)	KM2R( 1)	KM2R( 1)	KM2R( 1)
	KM3R( 1)	KM3R( 1)	KM3R( 1)	KM3R( 1)	KM3R( 1)	KM3R( 1)	KM3R( 1)	KM3R( 1)
	KN1R( 1)	KN1R( 1)	KN1R( 1)	KN1R( 1)	KN1R( 1)	KN1R( 1)	KN1R( 1)	KN1R( 1)
	KN2R( 1)	KN2R( 1)	KN2R( 1)	KN2R( 1)	KN2R( 1)	KN2R( 1)	KN2R( 1)	KN2R( 1)
	MR1R( 1)	MR1R( 1)	MR1R( 1)	MR1R( 1)	MR1R( 1)	MR1R( 1)	MR1R( 1)	MR1R( 1)
	MR2R( 1)	MR2R( 1)	MR2R( 1)	MR2R( 1)	MR2R( 1)	MR2R( 1)	MR2R( 1)	MR2R( 1)
	MR3R( 1)	MR3R( 1)	MR3R( 1)	MR3R( 1)	MR3R( 1)	MR3R( 1)	MR3R( 1)	MR3R( 1)
	MR4R( 1)	MR4R( 1)	MR4R( 1)	MR4R( 1)	MR4R( 1)	MR4R( 1)	MR4R( 1)	MR4R( 1)
	MR5R( 1)	MR5R( 1)	MR5R( 1)	MR5R( 1)	MR5R( 1)	MR5R( 1)	MR5R( 1)	MR5R( 1)
	PW5R( 1)	PW5R( 1)	PW5R( 1)	PW5R( 1)	PW5R( 1)	PW5R( 1)	PW5R( 1)	PW5R( 1)
	SP1R( 1)	SP1R( 1)	SP1R( 1)	SP1R( 1)	SP1R( 1)	SP1R( 1)	SP1R( 1)	SP1R( 1)
	SP2R( 1)	SP2R( 1)	SP2R( 1)	SP2R( 1)	SP2R( 1)	SP2R( 1)	SP2R( 1)	SP2R( 1)
	SP3R( 1)	SP3R( 1)	SP3R( 1)	SP3R( 1)	SP3R( 1)	SP3R( 1)	SP3R( 1)	SP3R( 1)
	SP4R( 1)	SP4R( 1)	SP4R( 1)	SP4R( 1)	SP4R( 1)	SP4R( 1)	SP4R( 1)	SP4R( 1)
	TN1R( 1)	TN1R( 1)	TN1R( 1)	TN1R( 1)	TN1R( 1)	TN1R( 1)	TN1R( 1)	TN1R( 1)
	TN2R( 1)	TN2R( 1)	TN2R( 1)	TN2R( 1)	TN2R( 1)	TN2R( 1)	TN2R( 1)	TN2R( 1)
	TN3R( 1)	TN3R( 1)	TN3R( 1)	TN3R( 1)	TN3R( 1)	TN3R( 1)	TN3R( 1)	TN3R( 1)

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	RP2T( 1)	RP2T( 1)	RP2T( 1)	RP2T( 1)	RP2T( 1)	RP2T( 1)	RP2T( 1)	RP2T( 1)
	RP2T( 1)	RP2T( 1)	RP2T( 1)	RP2T( 1)	RP2T( 1)	RP2T( 1)	RP2T( 1)	RP2T( 1)
	M5CC( 1)	M5CC( 1)	M5CC( 1)	M5CC( 1)	M5CC( 1)	M5CC( 1)	M5CC( 1)	M5CC( 1)
	CR1G( 1)	CR1G( 1)	CR1G( 1)	CR1G( 1)	CR1G( 1)	CR1G( 1)	CR1G( 1)	CR1G( 1)
	CR2G( 1)	CR2G( 1)	CR2G( 1)	CR2G( 1)	CR2G( 1)	CR2G( 1)	CR2G( 1)	CR2G( 1)
2016	RP3D( 1)	RP3D( 1)	RP3D( 1)	RP3D( 1)	RP3D( 1)	RP3D( 1)	RP3D( 1)	RP3D( 1)
	RP1P( 1)	RP1P( 1)	RP1P( 1)	RP1P( 1)	RP1P( 1)	RP1P( 1)	RP1P( 1)	RP1P( 1)
2017								
2018	TN4R( 1)	TN4R( 1)	TN4R( 1)	TN4R( 1)	TN4R( 1)	TN4R( 1)	TN4R( 1)	TN4R( 1)
2019								
2020	CV5D( 1)	CV5D( 1)	CV5D( 1)	CV5D( 1)	CV5D( 1)	CV5D( 1)	CV5D( 1)	CV5D( 1)
	CV6D( 1)	CV6D( 1)	CV6D( 1)	CV6D( 1)	CV6D( 1)	CV6D( 1)	CV6D( 1)	CV6D( 1)
	RP2Q( 1)	RP2Q( 1)	RP2Q( 1)	RP2Q( 1)	RP2Q( 1)	RP2Q( 1)	RP2Q( 1)	RP2Q( 1)
	RP2P( 1)	RP2P( 1)	RP2P( 1)	RP2P( 1)	RP2P( 1)	RP2P( 1)	RP2P( 1)	RP2P( 1)
2021	CCKP( 1)	CCK2( 1)	CCK2( 1)	CCK2( 1)	CCK2( 1)	CCK2( 1)	CCKP( 2)	CCKP( 1)
	CTKP( 4)							BFCC( 1)
2022								
2023								
2024								
2025								
2026	CCKP( 1)	BFCC( 1)	CCKP( 1)	CTKP( 4)	CTKP( 4)	CTKP( 4)	CCK2( 1)	CCK2( 1)
2027								
2028								
2029								
2030								
2031								
2032								
2033								
2034								
2035								
2036								
2037	CCK2( 1)			CCKP( 1)	BFCC( 1)	CCK2( 1)		
2038								
2039								
2040								

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P.V. UTILITY COST:								
PLANNING PERIOD	83653232.0	83659808.0	83660736.0	83677496.0	83678720.0	83730320.0	83838408.0	83845960.0
% DIFFERENCE	0.12%	0.13%	0.13%	0.15%	0.15%	0.21%	0.34%	0.35%
END EFFECTS PERIOD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% DIFFERENCE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
STUDY PERIOD	83653232.0	83659808.0	83660736.0	83677496.0	83678720.0	83730320.0	83838408.0	83845960.0
% DIFFERENCE	0.12%	0.13%	0.13%	0.15%	0.15%	0.21%	0.34%	0.35%
PLANNING PERIOD RANK	9	10	11	12	13	14	15	16

STUDY PERIOD = PLANNING PERIOD + END EFFECTS PERIOD  
 ‡ 02/07/13 15:29:42 V04.0 R03.0

AEP EAST  
 PROVIDE LEAST COST OPTIMIZATION SYSTEM  
 STUDY PERIOD PLAN COMPARISON

PLAN RANK	17	18
2011		
2012		
2013	CV3R( 1)	CV3R( 1)
2014	TC4T( 1)	TC4T( 1)
2015	BK6R( 1)	BK6R( 1)
	BS1R( 1)	BS1R( 1)
	BS2R( 1)	BS2R( 1)
	CR1R( 1)	CR1R( 1)
	CR2R( 1)	CR2R( 1)
	CR3R( 1)	CR3R( 1)
	GL5R( 1)	GL5R( 1)
	GL6R( 1)	GL6R( 1)
	KM1R( 1)	KM1R( 1)
	KM2R( 1)	KM2R( 1)
	KM3R( 1)	KM3R( 1)
	KN1R( 1)	KN1R( 1)
	KN2R( 1)	KN2R( 1)
	MR1R( 1)	MR1R( 1)
	MR2R( 1)	MR2R( 1)
	MR3R( 1)	MR3R( 1)
	MR4R( 1)	MR4R( 1)
	MR5R( 1)	MR5R( 1)
	PW5R( 1)	PW5R( 1)
	SP1R( 1)	SP1R( 1)
	SP2R( 1)	SP2R( 1)
	SP3R( 1)	SP3R( 1)
	SP4R( 1)	SP4R( 1)
	TN1R( 1)	TN1R( 1)
	TN2R( 1)	TN2R( 1)
	TN3R( 1)	TN3R( 1)
	RP2T( 1)	RP2T( 1)
	RP2T( 1)	RP2T( 1)
	M5CC( 1)	M5CC( 1)
	CR1G( 1)	CR1G( 1)
	CR2G( 1)	CR2G( 1)
2016	RP3D( 1)	RP3D( 1)
	RP1P( 1)	RP1P( 1)
2017		
2018	TN4R( 1)	TN4R( 1)
2019		
2020	CV5D( 1)	CV5D( 1)
	CV6D( 1)	CV6D( 1)
	RP2Q( 1)	RP2Q( 1)
	RP2P( 1)	RP2P( 1)
2021	BFC2( 1)	CCK2( 1)
2022		
2023		
2024		
2025		
2026	CCK2( 1)	CCK2( 1)
2027		
2028		
2029		

2030  
2031  
2032  
2033  
2034  
2035  
2036  
2037  
2038  
2039  
2040

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P. V. UTILITY COST:  
PLANNING PERIOD       83871096.0   83897128.0  
  % DIFFERENCE         0.38%     0.41%  
END EFFECTS PERIOD     0.0         0.0  
  % DIFFERENCE         0.00%     0.00%  
STUDY PERIOD         83871096.0   83897128.0  
  % DIFFERENCE         0.38%     0.41%  
PLANNING PERIOD RANK     17           18



STUDY PERIOD = PLANNING PERIOD + END EFFECTS PERIOD