

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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	7953.	8006.	8082.	8151.	8229.	8293.	8396.	8479.
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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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:								

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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.

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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.

5A Output Summary.REP

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								

5A Output Summary.REP

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.

SA Output Summary.REP

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

----- 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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AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
GROUP DETAIL REPORT

CLASS: OPCO+CSP

LOAD GROUP: CSP

PEAK AND ENERGY RESULTS	2011	2012	2013	2014	2015	2016	2017	2018
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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AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
GROUP DETAIL REPORT

CLASS: OPCO+CSP

LOAD GROUP: CSP

PEAK AND ENERGY RESULTS	2019	2020	2021	2022	2023	2024	2025	2026
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.

5A Output Summary.REP

	0.	0.	0.	0.	0.	0.	0.	0.
PEAK LOSSES (NON COINC.)	0.	0.	0.	0.	0.	0.	0.	0.
PEAK DEMAND (NON COINC.)	3449.	3412.	3407.	3409.	3417.	3430.	3464.	3497.
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

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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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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		

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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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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
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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	
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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		
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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								

5A Output Summary.REP

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

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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

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NewEnergy Associates  
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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

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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.

5A Output Summary.REP

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		
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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
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							Strategist	Page

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
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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
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AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
GROUP DETAIL REPORT

5A Output Summary.REP

CLASS: APCO

LOAD GROUP: APCO

	2035	2036	2037	2038	2039	2040	
PEAK AND ENERGY 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.	
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 15:31:05 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
PEAK AND ENERGY RESULTS								
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
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AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
GROUP DETAIL REPORT

CLASS: KPCO

LOAD GROUP: KPCO

	2019	2020	2021	2022	2023	2024	2025	2026
PEAK AND ENERGY 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.
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
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AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
GROUP DETAIL REPORT

CLASS: KPCO

LOAD GROUP: KPCO

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

		5A Output Summary.REP							
		7556.	7604.	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

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AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
GROUP DETAIL REPORT

CLASS: KPCO									
LOAD GROUP: KPCO									
PEAK AND ENERGY RESULTS		2035	2036	2037	2038	2039	2040		
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		

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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.	145933.	131539.	136398.	140462.	138110.
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.	261.	150.	183.	143.	208.
NET TRANSACTIONS	GWH	-13540.	-19045.	-11921.	-21708.	-7297.	-12128.	-15991.	-13408.
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.	26652.	22635.	23359.	23166.	22837.
RESERVE MARGIN	MW	4368.	4566.	5009.	6442.	2587.	3493.	3418.	3052.
RESERVE MARGIN	PCT	22.26	22.40	24.47	31.88	12.91	17.58	17.31	15.43
CAPACITY MARGIN	PCT	18.21	18.30	19.66	24.17	11.43	14.95	14.76	13.36
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.	1425574.	1289406.	1333875.	1372032.	1350606.
FIXED FUEL COST	\$000	11594.	11714.	6776.	5216.	5348.	5484.	5624.	5768.
TOTAL FUEL COST	\$000	2901866.	3251876.	3464014.	3810828.	3634166.	3937549.	4075352.	4178944.
VAR. O&M COST	\$000	375131.	409933.	393911.	442274.	421204.	512685.	528376.	539176.
FIXED O&M COST	\$000	429426.	544374.	642264.	873695.	1112547.	1241542.	1382206.	1369302.
TOTAL THERM COST	\$000	3706422.	4206182.	4500189.	5126798.	5167916.	5691775.	5985934.	6087422.
THERMAL COST	\$/MWH	26.91	29.46	33.08	35.13	39.29	41.73	42.62	44.08
TOTAL EMISS. COST	\$000	41470.	137788.	95617.	94171.	48002.	38157.	27098.	11049.
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.	-662030.	109430.	-115573.	-226683.	-100967.
EMER ENERGY COST	\$000	20241.	27328.	19893.	20700.	13618.	17509.	14625.	22002.
TOTAL SYS. COST	\$000	3401762.	3790324.	4252526.	4579638.	5338967.	5631868.	5800974.	6019505.
SYSTEM COST	\$/MWH	27.12	30.31	33.94	36.50	42.58	44.89	46.18	47.81
AVG. MARG. COST	\$/MWH	37.32	42.69	43.95	46.79	49.13	54.37	53.99	55.70
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.

5A Output Summary.REP									
ECON ENERGY PURCH	GWH	7237.	8417.	10724.	7039.	9290.	7959.	6073.	6575.
PURCH COST	\$000	212758.	306143.	348595.	223094.	363382.	366678.	301409.	331719.
AVE. PURCH COST	\$/MWH	29.40	36.37	32.51	31.69	39.12	46.07	49.63	50.45
ECON ENERGY SALES	GWH	27892.	36990.	33651.	40921.	29762.	33851.	35679.	33406.
SALES REV.	\$000	1155930.	1685166.	1617690.	2056988.	1555711.	1953713.	2001346.	1906948.
AVE. SALES REV.	\$/MWH	41.44	45.56	48.07	50.27	52.27	57.72	56.09	57.08
NET ECON ENERGY	GWH	-20655.	-28573.	-22927.	-33882.	-20472.	-25892.	-29605.	-26830.
NET ECON COST	\$000	-943172.	-1379022.	-1269096.	-1833894.	-1192329.	-1587035.	-1699937.	-1575229.
TOTAL PURCH	GWH	16448.	20113.	22674.	19900.	23298.	22540.	20721.	21228.
TOTAL PURCH	\$000	874775.	1194442.	1316724.	1451897.	1733790.	1912166.	1866087.	1914596.
TOTAL SALES	GWH	29988.	39158.	34595.	41608.	30595.	34667.	36712.	34636.
TOTAL SALES	\$000	1241147.	1775416.	1679899.	2113928.	1624361.	2027740.	2092770.	2015564.
EXTERNAL COSTS	\$000	0.	0.	0.	0.	0.	0.	0.	0.
CUST. IMPACT COSTS	\$000	0.	0.	0.	0.	0.	0.	0.	0.

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	135669.	140726.	139747.	134182.	133684.	132923.	133512.	134670.
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	273.	189.	215.	228.	342.	260.	274.	317.
NET TRANSACTIONS	GWH	-10800.	-15652.	-14296.	-8192.	-7174.	-5617.	-5431.	-5789.
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	23073.	23105.	22999.	22977.	23167.	23034.	23257.	22124.
RESERVE MARGIN	MW	3225.	3234.	3075.	2964.	3142.	2961.	2980.	2656.
RESERVE MARGIN	PCT	16.25	16.28	15.43	14.81	15.69	14.75	14.69	13.64
CAPACITY MARGIN	PCT	13.98	14.00	13.37	12.90	13.56	12.85	12.81	12.00
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	1324709.	1376105.	1365848.	1314773.	1310723.	1302981.	1306768.	1322128.
FIXED FUEL COST	\$000	5916.	6069.	6226.	6387.	6553.	6724.	6899.	7079.
TOTAL FUEL COST	\$000	4195211.	4381760.	4449200.	4331712.	4411376.	4505592.	4635840.	4806199.
VAR. O&M COST	\$000	538921.	537050.	552103.	534231.	541506.	564754.	573423.	601556.
FIXED O&M COST	\$000	2120210.	1444550.	1762396.	1686257.	1736149.	1866661.	1888544.	2064118.
TOTAL THERM COST	\$000	6854342.	6363360.	6763699.	6552200.	6689032.	6937006.	7097807.	7471873.
THERMAL COST	\$/MWH	50.52	45.22	48.40	48.83	50.04	52.19	53.16	55.48
TOTAL EMISS. COST	\$000	10678.	0.	0.	1537742.	1541510.	1545728.	1584938.	1611062.
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	13436.	-177266.	-128589.	-43199.	48473.	172342.	196935.	224263.
EMER ENERGY COST	\$000	27948.	20710.	23058.	27234.	39893.	32638.	34958.	40529.
TOTAL SYS. COST	\$000	6906405.	6206803.	6658168.	8073977.	8318907.	8687715.	8914638.	9347727.
SYSTEM COST	\$/MWH	54.75	49.15	52.56	63.47	65.06	67.56	68.91	71.79
AVG. MARG. COST	\$/MWH	56.67	57.65	59.31	69.81	71.54	73.97	75.72	77.51
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	6846.	7162.	7199.	9442.	9631.	11016.	8831.	11030.
PURCH COST	\$000	360125.	384772.	400327.	589254.	613414.	737537.	597426.	772347.
AVE. PURCH COST	\$/MWH	52.60	53.73	55.61	62.41	63.69	66.95	67.65	70.03
ECON ENERGY SALES	GWH	31003.	36672.	35425.	31750.	31136.	31298.	29388.	32179.
SALES REV.	\$000	1823844.	2110587.	2104492.	2268636.	2262766.	2343612.	2261458.	2473817.
AVE. SALES REV.	\$/MWH	58.83	57.55	59.41	71.45	72.67	74.88	76.95	76.88
NET ECON ENERGY	GWH	-24157.	-29510.	-28226.	-22307.	-21506.	-20282.	-20557.	-21149.
NET ECON COST	\$000	-1463719.	-1725816.	-1704164.	-1679382.	-1649352.	-1606076.	-1664032.	-1701470.
TOTAL PURCH	GWH	21483.	22323.	22514.	25016.	25493.	27280.	25653.	28177.
TOTAL PURCH	\$000	1953717.	2055827.	2127746.	2389411.	2480710.	2696670.	2656082.	2913530.
TOTAL SALES	GWH	32283.	37975.	36810.	33208.	32667.	32896.	31084.	33966.
TOTAL SALES	\$000	1940281.	2233092.	2256335.	2432609.	2432237.	2524328.	2459148.	2689268.
EXTERNAL COSTS	\$000	0.	0.	0.	0.	0.	0.	0.	0.
CUST. IMPACT COSTS	\$000	0.	0.	0.	0.	0.	0.	0.	0.

5A Output Summary.REP  
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	127712.	124904.	125922.	128441.	127370.	129304.	129598.	127337.
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	258.	291.	389.	297.	365.	302.	288.	358.
NET TRANSACTIONS	GWH	-6226.	-2513.	-2759.	-4253.	-2255.	-3069.	-2303.	978.
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	22102.	22116.	22096.	22121.	22292.	22292.	22292.	22292.
RESERVE MARGIN	MW	2469.	2335.	2112.	1926.	1885.	1713.	1454.	1207.
RESERVE MARGIN	PCT	12.58	11.80	10.57	9.54	9.24	8.32	6.98	5.72
CAPACITY MARGIN	PCT	11.17	10.56	9.56	8.71	8.46	7.68	6.52	5.41
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	1251136.	1223742.	1233938.	1258753.	1242701.	1262424.	1265465.	1243158.
FIXED FUEL COST	\$000	7264.	7454.	7650.	7851.	8058.	8270.	8489.	8714.
TOTAL FUEL COST	\$000	4615366.	4678824.	4768928.	4984368.	5094820.	5234163.	5376817.	5428002.
VAR. O&M COST	\$000	574772.	584297.	588792.	620758.	640212.	659375.	677888.	674487.
FIXED O&M COST	\$000	1997437.	2102120.	2178340.	2266051.	2296984.	2323375.	2340510.	2364384.
TOTAL THERM COST	\$000	7187576.	7365242.	7536060.	7871178.	8032016.	8216913.	8395215.	8466874.
THERMAL COST	\$/MWH	56.28	58.97	59.85	61.28	63.06	63.55	64.78	66.49
TOTAL EMISS. COST	\$000	1530823.	1513262.	1541190.	1598466.	1601469.	1638286.	1663576.	1660600.
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	256691.	533025.	548888.	452082.	604385.	565374.	644513.	952634.
EMER ENERGY COST	\$000	34185.	38719.	50500.	42020.	50628.	45852.	46738.	59849.
TOTAL SYS. COST	\$000	9009275.	9450247.	9676638.	9963745.	10288498.	10466424.	10750042.	11139956.
SYSTEM COST	\$/MWH	73.39	76.40	77.68	79.39	81.33	82.05	83.59	85.89
AVG. MARG. COST	\$/MWH	78.31	81.08	82.34	83.88	86.56	87.80	89.63	90.66
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	9980.	10728.	11036.	10927.	11151.	11224.	11751.	13114.
PURCH COST	\$000	704156.	770490.	820636.	828864.	866744.	895365.	964246.	1119321.
AVE. PURCH COST	\$/MWH	70.56	71.82	74.36	75.85	77.73	79.77	82.06	85.35
ECON ENERGY SALES	GWH	32877.	29896.	30503.	31886.	30226.	31022.	30745.	28818.
SALES REV.	\$000	2596158.	2437132.	2523035.	2682254.	2629852.	2739407.	2774149.	2672941.
AVE. SALES REV.	\$/MWH	78.97	81.52	82.71	84.12	87.01	88.31	90.23	92.75
NET ECON ENERGY	GWH	-22897.	-19168.	-19467.	-20959.	-19075.	-19798.	-18994.	-15704.
NET ECON COST	\$000	-1892002.	-1666643.	-1702399.	-1853390.	-1763109.	-1844042.	-1809903.	-1553620.
TOTAL PURCH	GWH	27176.	27910.	28269.	28158.	28496.	28479.	28967.	30322.
TOTAL PURCH COST	\$000	2896135.	3014618.	3117401.	3180951.	3282018.	3353856.	3468860.	3677030.
TOTAL SALES	GWH	33402.	30422.	31028.	32411.	30751.	31548.	31271.	29343.
TOTAL SALES REV.	\$000	2639444.	2481593.	2568513.	2728869.	2677634.	2788483.	2824348.	2724395.
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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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.	135645.	136863.
DUMP ENERGY	GWH	6.	5.	3.	4.	3.	6.
THERM GENERATION	GWH	126004.	117516.	121696.	112120.	112722.	112383.
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	407.	191.	192.	58.	35.	45.
NET TRANSACTIONS	GWH	3404.	13241.	10247.	21234.	21866.	23405.
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	22303.	21297.	21297.	20244.	20244.	20244.
RESERVE MARGIN	MW	1003.	-222.	-699.	-2007.	-2246.	-2418.
RESERVE MARGIN	PCT	4.71	-1.03	-3.18	-9.02	-9.99	-10.67

5A Output Summary.REP

		PCT	4.50	-1.04	-3.28	-9.91	-11.09	-11.94
CAPACITY MARGIN	PCT		4.50	-1.04	-3.28	-9.91	-11.09	-11.94
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	1229562.	1139165.	1179318.	1072163.	1078004.	1078541.	1078541.
FIXED FUEL COST	\$000	8944.	4591.	4713.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	5446490.	5504760.	5732344.	5720261.	5834247.	5916616.	5916616.
VAR. O&M COST	\$000	681417.	626267.	648532.	576910.	583521.	599918.	599918.
FIXED O&M COST	\$000	4301269.	1886974.	4115230.	1606929.	1542322.	8337332.	8337332.
TOTAL THERM COST	\$000	10429177.	8018002.	10496107.	7904100.	7960090.	14853866.	14853866.
THERMAL COST	\$/MWH	82.77	68.23	86.25	70.50	70.62	132.17	132.17
TOTAL EMISS. COST	\$000	1651765.	1671561.	1768204.	1757288.	1792542.	1821113.	1821113.
HYD VAR COST	\$000	0.	0.	0.	0.	0.	0.	0.
HYD FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
NET TRANS COST	\$000	1164668.	2122276.	1917743.	2958111.	3106810.	3357745.	3357745.
EMER ENERGY COST	\$000	72051.	37761.	40708.	14225.	9118.	12239.	12239.
TOTAL SYS. COST	\$000	13317662.	11849600.	14222763.	12633725.	12868561.	20044964.	20044964.
SYSTEM COST	\$/MWH	101.79	89.77	106.81	93.97	94.87	146.46	146.46
AVG. MARG. COST	\$/MWH	91.64	94.49	94.91	96.35	97.25	97.96	97.96
TRANS PURCH	GWH	16899.	16930.	16899.	16899.	16899.	16930.	16930.
TRANS PURCH COST	\$000	2574100.	2635852.	2686689.	2745267.	2804556.	2860658.	2860658.
TRANS SALES	GWH	525.	526.	525.	525.	525.	526.	526.
TRANS SALES REV.	\$000	52741.	54172.	55411.	56797.	58216.	59796.	59796.
UNIT PURCH	GWH	305.	297.	364.	272.	347.	283.	283.
UNIT PURCH COST	\$000	37952.	37775.	47167.	35884.	46666.	38801.	38801.
UNIT SALES	GWH	0.	0.	0.	0.	0.	0.	0.
UNIT SALES REV.	\$000	0.	0.	0.	0.	0.	0.	0.
ECON ENERGY PURCH	GWH	12547.	20237.	17610.	26467.	26369.	29490.	29490.
PURCH COST	\$000	1088614.	1839206.	1651327.	2512056.	2583934.	2968736.	2968736.
AVE. PURCH COST	\$/MWH	86.77	90.88	93.77	94.91	97.99	100.67	100.67
ECON ENERGY SALES	GWH	25821.	23697.	24100.	21878.	21224.	22772.	22772.
SALES REV.	\$000	2483258.	2336385.	2412028.	2278900.	2270130.	2450654.	2450654.
AVE. SALES REV.	\$/MWH	96.17	98.59	100.08	104.14	106.96	107.62	107.62
NET ECON ENERGY	GWH	-13274.	-3460.	-6490.	4589.	5145.	6718.	6718.
MET ECON COST	\$000	-1394644.	-497179.	-760701.	233756.	313804.	518082.	518082.
TOTAL PURCH	GWH	29750.	37464.	34873.	43637.	43615.	46702.	46702.
TOTAL PURCH COST	\$000	3700666.	4512832.	4385182.	5293208.	5435156.	5868195.	5868195.
TOTAL SALES	GWH	26346.	24223.	24625.	22403.	21749.	23298.	23298.
TOTAL SALES	\$000	2535999.	2390557.	2467440.	2335097.	2328347.	2510450.	2510450.
EXTERNAL COSTS	\$000	0.	0.	0.	0.	0.	0.	0.
CUST. IMPACT COSTS	\$000	0.	0.	0.	0.	0.	0.	0.

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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.	7446.	6387.	7466.	8019.	7742.
EMERGENCY ENERGY	GWH	80.	85.	75.	58.	40.	44.	28.	37.
NET TRANSACTIONS	GWH	-78.	2102.	2937.	-330.	746.	-349.	-863.	-565.
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.	2071.	1069.	1327.	1293.	1311.
RESERVE MARGIN	MW	134.	131.	140.	885.	-133.	156.	136.	154.
RESERVE MARGIN	PCT	11.43	11.27	12.01	74.63	-11.02	13.33	11.74	13.29
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.	360.	283.	365.	261.	339.
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.	71737.	61796.	72579.	77983.	75262.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	176993.	74924.	116758.	197160.	180716.	216907.	246657.	242189.
VAR. O&M COST	\$000	10300.	10433.	9266.	30844.	26527.	38174.	41979.	42828.
FIXED O&M COST	\$000	3983.	8642.	26564.	139845.	179332.	145155.	146405.	156406.
TOTAL THERM COST	\$000	191276.	93999.	152588.	367849.	386575.	400236.	435041.	441422.
THERMAL COST	\$/MWH	25.74	18.74	36.66	49.40	60.52	53.61	54.25	57.02
TOTAL EMISS. COST	\$000	6422.	43104.	25991.	36796.	9274.	3561.	2154.	860.
NET TRANS COST	\$000	-30147.	64375.	98407.	-58246.	17515.	-30840.	-47387.	-33330.
EMER ENERGY COST	\$000	6114.	6728.	6354.	3843.	3540.	4088.	2932.	3705.
TOTAL SYS. COST	\$000	173665.	208207.	283339.	350242.	416902.	377045.	392740.	412658.
SYSTEM COST	\$/MWH	23.37	28.90	39.50	48.82	58.12	52.66	54.67	57.21
AVG. MARG. COST	\$/MWH	38.92	48.67	51.66	51.65	52.52	56.65	56.46	57.42
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.	1847.	2023.	1007.	694.	742.
ECON ENERGY PURCH COST	\$000	36017.	92791.	114402.	51377.	64014.	29637.	21921.	24161.
ECON ENERGY SALES	GWH	1491.	592.	528.	2162.	1256.	1339.	1531.	1272.
ECON ENERGY SALES	\$000	67815.	34806.	31712.	133752.	75265.	89337.	97564.	85080.



5A Output Summary.REP

TOTAL PURCH	GWH	1527.	2811.	3501.	1848.	2025.	1009.	696.	744.
TOTAL PURCH	\$000	41455.	103104.	131902.	76377.	94014.	59637.	51921.	54161.
TOTAL SALES	GWH	1605.	708.	564.	2178.	1279.	1358.	1559.	1309.
TOTAL SALES	\$000	71602.	38729.	33495.	134624.	76500.	90478.	99308.	87491.
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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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	7972.	7778.	7945.	6854.	6739.	6677.	6647.	6805.
EMERGENCY ENERGY	GWH	26.	39.	30.	27.	48.	28.	36.	43.
NET TRANSACTIONS	GWH	-751.	-542.	-667.	465.	598.	722.	782.	663.
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	1313.	1319.	1315.	1314.	1318.	1315.	1315.	1315.
RESERVE MARGIN	MW	156.	160.	148.	140.	144.	136.	126.	117.
RESERVE MARGIN	PCT	13.49	13.77	12.72	11.96	12.30	11.55	10.61	9.78
ENERGY RESV MARGIN	PCT	-100.00	-100.00	-100.00	-100.00	-100.00	-100.00	-100.00	-100.00
LOSS LOAD	HOURS	246.	326.	270.	260.	341.	225.	314.	335.
RENEWABLE ENERGY	PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL BURNED	000 MBTU	77516.	75632.	77284.	66677.	65511.	64973.	64674.	66145.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	257292.	255765.	270195.	235782.	235002.	244855.	248608.	256691.
VAR. O&M COST	\$000	45326.	44835.	47487.	41630.	42707.	42535.	43617.	46695.
FIXED O&M COST	\$000	165347.	170664.	169885.	180043.	186317.	190770.	196335.	202979.
TOTAL THERM COST	\$000	467966.	471264.	487567.	457455.	464025.	478160.	488560.	506366.
THERMAL COST	\$/MWH	58.70	60.59	61.36	66.74	68.85	71.61	73.51	74.41
TOTAL EMISS. COST	\$000	919.	0.	0.	91443.	91787.	91245.	92050.	96348.
NET TRANS COST	\$000	-44938.	-32896.	-42102.	7271.	14833.	23298.	30823.	20111.
EMER ENERGY COST	\$000	2777.	3944.	3124.	3299.	5301.	3428.	4545.	5304.
TOTAL SYS. COST	\$000	426723.	442311.	448589.	559468.	575945.	596131.	615978.	628129.
SYSTEM COST	\$/MWH	58.89	60.80	61.38	76.16	77.99	80.26	82.51	83.63
AVG. MARG. COST	\$/MWH	58.67	59.30	60.72	73.93	75.38	77.92	79.58	80.13
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	738.	811.	765.	1610.	1698.	1833.	1713.	1762.
ECON ENERGY PURCH	\$000	25218.	29510.	27721.	75293.	81444.	93125.	88134.	91383.
ECON ENERGY SALES	GWH	1455.	1320.	1399.	1113.	1068.	1078.	899.	1067.
ECON ENERGY SALES	\$000	97763.	90062.	97426.	95565.	94092.	97239.	84664.	98559.
TOTAL PURCH	GWH	739.	812.	766.	1611.	1700.	1834.	1714.	1763.
TOTAL PURCH	\$000	55218.	59510.	57721.	105293.	111444.	123125.	118134.	121383.
TOTAL SALES	GWH	1491.	1354.	1433.	1147.	1102.	1112.	932.	1101.
TOTAL SALES	\$000	100156.	92406.	99824.	98022.	96611.	99826.	87311.	101272.
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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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	6679.	6713.	6770.	6470.	7350.	7813.	7353.	7364.
EMERGENCY ENERGY	GWH	30.	35.	46.	27.	48.	29.	45.	42.
NET TRANSACTIONS	GWH	847.	856.	830.	1194.	338.	-61.	423.	455.
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	1314.	1314.	1313.	1313.	1505.	1505.	1505.	1505.
RESERVE MARGIN	MW	106.	99.	93.	84.	266.	259.	247.	245.
RESERVE MARGIN	PCT	8.76	8.13	7.58	6.80	21.46	20.78	19.63	19.44
ENERGY RESV MARGIN	PCT	-100.00	-100.00	-100.00	-100.00	-100.00	-100.00	-100.00	-100.00
LOSS LOAD	HOURS	257.	314.	341.	222.	386.	250.	319.	333.
RENEWABLE ENERGY	PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL BURNED	000 MBTU	64981.	65305.	65809.	62957.	66746.	71186.	66430.	66638.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	262558.	269574.	275648.	273658.	317630.	343351.	332466.	340884.
VAR. O&M COST	\$000	46471.	47971.	50228.	48357.	55239.	60957.	58341.	59910.
FIXED O&M COST	\$000	207756.	213652.	219669.	228684.	248918.	254934.	261085.	267375.
TOTAL THERM COST	\$000	516785.	531196.	545545.	550699.	621787.	659242.	651891.	668168.
THERMAL COST	\$/MWH	77.37	79.13	80.58	85.12	84.59	84.37	88.66	90.73
TOTAL EMISS. COST	\$000	94986.	96751.	99600.	95381.	100012.	108514.	101562.	103380.
NET TRANS COST	\$000	33887.	33860.	32083.	61714.	-12143.	-46884.	-6863.	-4118.

5A Output Summary.REP									
EMER ENERGY COST	\$000	3964.	4612.	5783.	3915.	6245.	4362.	6684.	7178.
TOTAL SYS. COST	\$000	649623.	666419.	683011.	711709.	715901.	725234.	753274.	774608.
SYSTEM COST	\$/MWH	85.97	87.64	89.33	92.54	92.55	93.20	96.32	98.53
AVG. MARG. COST	\$/MWH	82.31	83.89	85.12	87.98	85.55	87.26	90.89	94.14
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	1859.	1818.	1848.	2132.	1774.	1745.	1857.	1838.
ECON ENERGY PURCH	\$000	99709.	98414.	102736.	127161.	101019.	101235.	111805.	112288.
ECON ENERGY SALES	GWH	979.	929.	985.	906.	1404.	1773.	1402.	1351.
ECON ENERGY SALES	\$000	93041.	91698.	97731.	92452.	140092.	174966.	145443.	143100.
TOTAL PURCH	GWH	1860.	1819.	1849.	2133.	1775.	1746.	1859.	1840.
TOTAL PURCH	\$000	129709.	128414.	132736.	157161.	131019.	131235.	141805.	142288.
TOTAL SALES	GWH	1013.	963.	1019.	940.	1438.	1807.	1436.	1385.
TOTAL SALES	\$000	95822.	94554.	100653.	95447.	143162.	178119.	148668.	146406.
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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AEP EAST  
GENERATION AND FUEL MODULE  
SYSTEM REPORT

KPCO COMPANY #		2035	2036	2037	2038	2039	2040
ENERGY REQUIRED	GWH	7904.	7948.	7991.	8034.	8077.	8119.
THERM GENERATION	GWH	7336.	7179.	7297.	7201.	7189.	6940.
EMERGENCY ENERGY	GWH	41.	44.	38.	40.	34.	42.
NET TRANSACTIONS	GWH	528.	725.	655.	793.	854.	1137.
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	1505.	1505.	1505.	1505.	1505.	1505.
RESERVE MARGIN	MW	226.	220.	206.	196.	186.	186.
RESERVE MARGIN	PCT	17.66	17.11	15.85	14.96	14.09	14.09
ENERGY RESV MARGIN	PCT	-100.00	-100.00	-100.00	-100.00	-100.00	-100.00
LOSS LOAD	HOURS	322.	330.	317.	309.	277.	338.
RENEWABLE ENERGY	PCT	0.00	0.00	0.00	0.00	0.00	0.00
FUEL BURNED	000 MBTU	66359.	64514.	65748.	64901.	64691.	62565.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	346707.	348506.	359457.	363187.	367736.	360491.
VAR. O&M COST	\$000	61066.	60892.	63995.	64048.	66355.	65849.
FIXED O&M COST	\$000	273808.	279411.	283131.	284970.	205541.	934809.
TOTAL THERM COST	\$000	681580.	688809.	706583.	712205.	639632.	1361149.
THERMAL COST	\$/MWH	92.91	95.95	96.83	98.90	88.98	196.14
TOTAL EMISS. COST	\$000	104224.	101845.	105498.	105446.	106334.	104379.
NET TRANS COST	\$000	-423.	16430.	11889.	21018.	29676.	58882.
EMER ENERGY COST	\$000	7230.	8197.	8375.	8987.	8626.	11159.
TOTAL SYS. COST	\$000	792611.	815281.	832344.	847657.	784267.	1535569.
SYSTEM COST	\$/MWH	100.28	102.58	104.16	105.50	97.10	189.13
AVG. MARG. COST	\$/MWH	97.34	100.70	103.27	106.87	109.47	112.70
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	1881.	1940.	1867.	1936.	1939.	1981.
ECON ENERGY PURCH	\$000	118184.	125347.	121804.	129953.	134025.	140529.
ECON ENERGY SALES	GWH	1321.	1182.	1179.	1111.	1052.	811.
ECON ENERGY SALES	\$000	145219.	135437.	136356.	135287.	130610.	107805.
TOTAL PURCH	GWH	1882.	1942.	1868.	1937.	1940.	1982.
TOTAL PURCH	\$000	148184.	155347.	151804.	159953.	164025.	170529.
TOTAL SALES	GWH	1355.	1216.	1213.	1145.	1086.	845.
TOTAL SALES	\$000	148607.	138917.	139916.	138936.	134350.	111647.
EXTERNAL COSTS	\$000	0.	0.	0.	0.	0.	0.
CUST. IMPACT COSTS	\$000	0.	0.	0.	0.	0.	0.

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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

5A Output Summary.REP

AEP 7236.8 212758. 29.40 79133. 10.93

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

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

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AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2012

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

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

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AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2013

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

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

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AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2014

5A Output Summary.REP

\*\*\*\*\* 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	3345.	24.05	336.	2.41
APCO	5029.6	167835.	33.37	43974.	8.74
KPCO	1846.9	51377.	27.82	10470.	5.67
AEP	7039.2	223094.	31.69	54856.	7.79

\*\*\*\*\* 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	2161.7	133752.	61.87	33767.	15.62
AEP	40921.0	2056987.	50.27	662145.	16.18

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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	2023.4	64014.	31.64	15763.	7.79
AEP	9289.9	363382.	39.12	127427.	13.72

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	20411.0	1060788.	51.97	330346.	16.18
I&M	7963.0	411541.	51.68	123590.	15.52
APCO	132.1	8117.	61.44	908.	6.87
KPCO	1256.3	75265.	59.91	19184.	15.27
AEP	29762.4	1555710.	52.27	474027.	15.93

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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	1007.4	29637.	29.42	5061.	5.02
AEP	7958.6	366678.	46.07	126783.	15.93

\*\*\*\*\* 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	1338.6	89337.	66.74	23509.	17.56
AEP	33850.9	1953712.	57.72	659301.	19.48

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2017

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$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	694.4	21921.	31.57	2799.	4.03
AEP	6073.5	301409.	49.63	91867.	15.13

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE	\$000	RATE
			\$/MWH		\$/MWH
OPCO+CSP	26353.2	1457324.	55.30	486567.	18.46
I&M	7665.3	437836.	57.12	132393.	17.27
APCO	129.1	8622.	66.77	1062.	8.22
KPCO	1531.1	97564.	63.72	22935.	14.98
AEP	35678.8	2001346.	56.09	642957.	18.02

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2018

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$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	742.3	24161.	32.55	3335.	4.49
AEP	6575.1	331719.	50.45	104664.	15.92

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$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	1272.2	85080.	66.88	20460.	16.08
AEP	33405.6	1906948.	57.08	606148.	18.15

AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2019

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$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	738.1	25218.	34.17	3354.	4.54
AEP	6846.1	360125.	52.60	112374.	16.41

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

5A Output Summary.REP

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	24316.0	1419079.	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	1454.8	97763.	67.20	23388.	16.08
AEP	31003.0	1823844.	58.83	567192.	18.29

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AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2020

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	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	354282.	55.92	119184.	18.81
KPCO	810.5	29510.	36.41	4443.	5.48
AEP	7161.5	384772.	53.73	123861.	17.30

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	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	1319.9	90062.	68.23	21519.	16.30
AEP	36671.7	2110588.	57.55	727141.	19.83

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AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2021

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	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	765.1	27721.	36.23	3637.	4.75
AEP	7198.8	400327.	55.61	126001.	17.50

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	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	1399.4	97426.	69.62	23029.	16.46
AEP	35425.0	2104492.	59.41	723777.	20.43

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AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2022

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

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

5A Output Summary.REP					
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	1609.9	75293.	46.77	10164.	6.31
AEP	9442.4	589254.	62.41	173032.	18.33

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

COMPANY	ENERGY GWH	BILLING \$000	BILLING RATE \$/MWH	SAVINGS \$000	SAVINGS RATE \$/MWH
OPCO+CSP	23848.3	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	1112.8	95565.	85.88	19173.	17.23
AEP	31749.7	2268636.	71.45	669061.	21.07

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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	1698.2	81444.	47.96	11037.	6.50
AEP	9630.7	613414.	63.69	177524.	18.43

\*\*\*\*\* 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	1068.3	94092.	88.08	19619.	18.37
AEP	31136.3	2262766.	72.67	670292.	21.53

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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	1832.5	93125.	50.82	13730.	7.49
AEP	11016.5	737537.	66.95	230870.	20.96

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

COMPANY	ENERGY GWH	BILLING \$000	BILLING RATE \$/MWH	SAVINGS \$000	SAVINGS RATE \$/MWH
OPCO+CSP	24060.0	1813550.	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	1078.1	97239.	90.20	20634.	19.14
AEP	31298.4	2343612.	74.88	696759.	22.26

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AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

5A Output Summary.REP

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	1713.1	88134.	51.45	12313.	7.19
AEP	8831.4	597426.	67.65	162631.	18.42

\*\*\*\*\* 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	898.5	84664.	94.23	16918.	18.83
AEP	29388.0	2261458.	76.95	657131.	22.36

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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	1762.0	91383.	51.86	12426.	7.05
AEP	11029.6	772347.	70.03	251572.	22.81

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	24789.7	1917413.	77.35	542718.	21.89
I&M	6270.8	453361.	72.30	158999.	25.36
APCO	51.0	4484.	87.84	505.	9.89
KPCO	1066.9	98559.	92.38	19516.	18.29
AEP	32178.5	2473817.	76.88	721738.	22.43

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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	600392.	74.44	193251.	23.96
KPCO	1859.0	99709.	53.64	14173.	7.62
AEP	9980.2	704156.	70.56	208286.	20.87

\*\*\*\*\* 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



5A Output Summary.REP					
APCO	60.9	5349.	87.86	514.	8.45
KPCO	979.2	93041.	95.02	17795.	18.17
AEP	32877.1	2596158.	78.97	818177.	24.89
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AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2028

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	‡000	‡/MWH	‡000	‡/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	1817.6	98414.	54.15	13442.	7.40
AEP	10727.7	770490.	71.82	230856.	21.52

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	‡000	‡/MWH	‡000	‡/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	929.1	91698.	98.69	17483.	18.82
AEP	29895.9	2437132.	81.52	743524.	24.87
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AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2029

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	‡000	‡/MWH	‡000	‡/MWH
OPCO+CSP	14.7	718.	48.70	37.	2.49
I&M	99.7	8049.	80.72	1688.	16.92
APCO	9073.9	709133.	78.15	244519.	26.95
KPCO	1847.5	102736.	55.61	13776.	7.46
AEP	11035.8	820636.	74.36	260019.	23.56

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	‡000	‡/MWH	‡000	‡/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	985.0	97731.	99.22	19201.	19.49
AEP	30502.8	2523035.	82.71	767539.	25.16
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AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2030

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	‡000	‡/MWH	‡000	‡/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	2131.9	127161.	59.65	20897.	9.80
AEP	10927.0	828864.	75.85	247721.	22.67

5A Output Summary.REP

\*\*\*\*\* 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	905.9	92452.	102.06	18466.	20.38
AEP	31886.1	2682254.	84.12	816915.	25.62

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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	1774.1	101019.	56.94	13108.	7.39
AEP	11150.6	866744.	77.73	253965.	22.78

\*\*\*\*\* 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	1404.2	140092.	99.77	31535.	22.46
AEP	30225.9	2629852.	87.01	792235.	26.21

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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	1744.7	101235.	58.02	12899.	7.39
AEP	11224.1	895365.	79.77	290476.	25.88

\*\*\*\*\* 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	1773.2	174966.	98.67	38217.	21.55
AEP	31022.0	2739406.	88.31	811398.	26.16

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AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2033

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

5A Output Summary.REP

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/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	1857.4	111805.	60.19	14667.	7.90
AEP	11751.1	964246.	82.06	329495.	28.04

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	23176.8	2117630.	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	1402.2	145443.	103.73	32568.	23.23
AEP	30745.4	2774148.	90.23	827944.	26.93

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AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2034

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/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	1838.3	112288.	61.08	14559.	7.92
AEP	13114.4	1119321.	85.35	480181.	36.61

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	22456.5	2097591.	93.41	611219.	27.22
I&M	4999.2	431099.	86.23	134607.	26.93
APCO	11.7	1151.	98.08	99.	8.45
KPCO	1350.8	143100.	105.94	29909.	22.14
AEP	28818.2	2672941.	92.75	775835.	26.92

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AEP EAST  
GENERATION AND FUEL MODULE  
COMPANY BILLING SUMMARY REPORT

YEAR = 2035

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/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	1881.0	118184.	62.83	15402.	8.19
AEP	12546.6	1088614.	86.77	465230.	37.08

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/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	1321.0	145219.	109.93	30977.	23.45
AEP	25821.1	2483258.	96.17	719982.	27.88

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5A Output Summary.REP

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	542283.	94.90	272755.	47.73
APCO	12548.7	1169802.	93.22	671606.	53.52
KPCO	1940.3	125347.	64.60	16806.	8.66
AEP	20237.2	1839206.	90.88	961322.	47.50

\*\*\*\*\* 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	1182.5	135437.	114.54	29601.	25.03
AEP	23697.1	2336385.	98.59	669360.	28.25

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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	1866.6	121804.	65.25	15768.	8.45
AEP	17610.1	1651327.	93.77	875014.	49.69

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	RATE \$/MWH	\$000	RATE \$/MWH
OPCO+CSP	22697.1	2253314.	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	1178.8	136356.	115.67	27526.	23.35
AEP	24100.3	2412028.	100.08	701981.	29.13

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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	13773.2	1350601.	98.06	1185768.	86.09
APCO	10706.6	1028688.	96.08	636317.	59.43
KPCO	1936.0	129953.	67.12	17272.	8.92
AEP	26466.7	2512057.	94.91	1839608.	69.51

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
			RATE		RATE

				5A Output Summary.REP	
	GWH	\$000	\$/MWH	\$000	\$/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	1110.9	135287.	121.78	29027.	26.13
AEP	21877.7	2278300.	104.14	653811.	29.88

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AEP EAST  
 GENERATION AND FUEL MODULE  
 COMPANY BILLING SUMMARY REPORT

YEAR = 2039

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	\$/MWH	\$000	\$/MWH
OPCO+CSP	68.0	4103.	60.34	323.	4.76
I&M	13224.7	1343397.	101.58	1252426.	94.70
APCO	11137.9	1102410.	98.98	785161.	70.49
KPCO	1938.6	134025.	69.14	18641.	9.62
AEP	26369.1	2583935.	97.99	2056551.	77.99

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	\$/MWH	\$000	\$/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	1051.8	130610.	124.18	27646.	26.28
AEP	21223.8	2270130.	106.96	648993.	30.58

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AEP EAST  
 GENERATION AND FUEL MODULE  
 COMPANY BILLING SUMMARY REPORT

YEAR = 2040

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	\$/MWH	\$000	\$/MWH
OPCO+CSP	50.5	2869.	56.84	277.	5.48
I&M	14530.4	1493726.	102.80	1553664.	106.93
APCO	12927.8	1331613.	103.00	1090540.	84.36
KPCO	1980.8	140529.	70.95	20386.	10.29
AEP	29489.5	2968736.	100.67	2664866.	90.37

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

COMPANY	ENERGY	BILLING	BILLING	SAVINGS	SAVINGS
	GWH	\$000	\$/MWH	\$000	\$/MWH
OPCO+CSP	21952.0	2341676.	106.67	695894.	31.70
I&M	0.0	0.	0.00	0.	0.00
APCO	8.7	1174.	134.95	87.	10.04
KPCO	810.9	107805.	132.95	22782.	28.10
AEP	22771.6	2450654.	107.62	718763.	31.56

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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









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	FIXED COST	\$000	2358.	-415.	1276.	442.	0.	0.	0.
	FUEL COST	\$000	11313.	25169.	27801.	28881.	0.	0.	0.
	AV VAR CST	\$/MWH	25.53	26.36	37.17	35.87	0.00	0.00	0.00
	GENERATION	GWH	530.5	1139.6	847.9	919.6	0.0	0.0	0.0
	DUMP ENERGY	GWH	0.0	0.0	0.0	0.2	0.0	0.0	0.0
	FUEL BURN 000	MBTU	5004.	10620.	8065.	8679.	0.	0.	0.
MITCHELL 1 INDEX # 43	CAPACITY FACTOR		0.7165	0.8455	0.7416	0.8413	0.8124	0.7556	0.8475
	CAPACITY	MW	614.00	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	10.06
	VAR O&M CST	\$000	5676.	6842.	6112.	7066.	6971.	6639.	7592.
	FIXED COST	\$000	12366.	11713.	22711.	26382.	35326.	50019.	43098.
	FUEL COST	\$000	90145.	121466.	108807.	122430.	120359.	117803.	141113.
	AV VAR CST	\$/MWH	24.86	28.14	28.81	28.62	29.14	30.54	32.62
	GENERATION	GWH	3854.0	4560.0	3988.8	4524.8	4369.5	4075.0	4558.4
	FUEL BURN 000	MBTU	38929.	45945.	40339.	45560.	43969.	40946.	45861.
MITCHELL 2 INDEX # 44	CAPACITY FACTOR		0.8089	0.7238	0.8079	0.8451	0.7490	0.8679	0.8561
	CAPACITY	MW	634.00	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	9.60
	VAR O&M CST	\$000	6519.	5960.	6772.	7221.	6538.	7759.	7799.
	FIXED COST	\$000	7632.	16143.	16010.	26032.	43573.	42841.	42544.
	FUEL COST	\$000	100452.	102661.	116820.	121291.	109439.	133465.	140460.
	AV VAR CST	\$/MWH	23.81	26.95	27.55	27.38	27.88	29.22	31.18
	GENERATION	GWH	4492.5	4030.6	4486.8	4693.4	4159.8	4833.1	4754.6
	FUEL BURN 000	MBTU	43357.	38809.	43309.	45140.	39984.	46390.	45655.

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AEP EAST  
GENERATION AND FUEL MODULE  
UNIT REPORT

			2011	2012	2013	2014	2015	2016	2017
MOUNT_ER 1 INDEX # 45	CAPACITY FACTOR		0.7808	0.8525	0.8445	0.7936	0.8488	0.6719	0.9082
	CAPACITY	MW	1314.00	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	9.59
	VAR O&M CST	\$000	24084.	26885.	27072.	25951.	28364.	23014.	31704.
	FIXED COST	\$000	13535.	29606.	35116.	53294.	45880.	86618.	73117.
	FUEL COST	\$000	182217.	228290.	220048.	217765.	240763.	198337.	271272.
	AV VAR CST	\$/MWH	22.96	25.93	25.42	26.68	27.55	28.54	28.98
	GENERATION	GWH	8987.0	9840.0	9721.1	9134.4	9770.2	7754.8	10453.6
	DUMP ENERGY	GWH	1.1	0.0	0.0	0.0	0.0	0.0	0.0
	FUEL BURN 000	MBTU	86584.	94328.	93334.	88258.	93777.	74353.	100211.
MUSK RVR 1 INDEX # 46	CAPACITY FACTOR		0.5143	0.4458	0.3461	0.4203	0.0000	0.0000	0.0000
	CAPACITY	MW	205.00	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	0.00
	VAR O&M CST	\$000	2104.	1865.	1473.	1825.	0.	0.	0.
	FIXED COST	\$000	-646.	531.	491.	5438.	0.	0.	0.
	FUEL COST	\$000	20385.	24413.	20220.	24768.	0.	0.	0.
	AV VAR CST	\$/MWH	24.35	32.74	34.90	35.23	0.00	0.00	0.00
	GENERATION	GWH	923.6	802.7	621.5	754.8	0.0	0.0	0.0
	FUEL BURN 000	MBTU	9270.	8061.	6243.	7578.	0.	0.	0.
MUSK RVR 2 INDEX # 47	CAPACITY FACTOR		0.5146	0.5069	0.4218	0.4647	0.0000	0.0000	0.0000
	CAPACITY	MW	205.00	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	0.00
	VAR O&M CST	\$000	2105.	2121.	1794.	2017.	0.	0.	0.
	FIXED COST	\$000	-754.	1513.	32.	-1379.	0.	0.	0.
	FUEL COST	\$000	20394.	27791.	24624.	27373.	0.	0.	0.
	AV VAR CST	\$/MWH	24.35	32.77	34.88	35.22	0.00	0.00	0.00
	GENERATION	GWH	924.2	912.7	757.4	834.5	0.0	0.0	0.0
	FUEL BURN 000	MBTU	9271.	9160.	7604.	8375.	0.	0.	0.
MUSK RVR 3 INDEX # 48	CAPACITY FACTOR		0.5084	0.4629	0.3923	0.4300	0.0000	0.0000	0.0000
	CAPACITY	MW	215.00	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	0.00
	VAR O&M CST	\$000	2174.	2024.	1744.	1951.	0.	0.	0.
	FIXED COST	\$000	-702.	224.	385.	10953.	0.	0.	0.
	FUEL COST	\$000	20751.	26115.	23575.	26093.	0.	0.	0.
	AV VAR CST	\$/MWH	23.94	32.19	34.27	34.63	0.00	0.00	0.00
	GENERATION	GWH	957.5	874.3	738.9	809.8	0.0	0.0	0.0
	FUEL BURN 000	MBTU	9439.	8616.	7280.	7984.	0.	0.	0.
MUSK RVR 4 INDEX # 49	CAPACITY FACTOR		0.0726	0.0655	0.0557	0.0607	0.0000	0.0000	0.0000
	CAPACITY	MW	215.00	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	0.00
	VAR O&M CST	\$000	310.	286.	248.	275.	0.	0.	0.
	FIXED COST	\$000	992.	2279.	987.	-74.	0.	0.	0.
	FUEL COST	\$000	2985.	3718.	3342.	3676.	0.	0.	0.
	AV VAR CST	\$/MWH	24.10	32.37	34.21	34.57	0.00	0.00	0.00
	GENERATION	GWH	136.7	123.7	104.9	114.3	0.0	0.0	0.0
	FUEL BURN 000	MBTU	1345.	1217.	1032.	1125.	0.	0.	0.
MUSK RVR 5 INDEX # 50	CAPACITY FACTOR		0.6875	0.6060	0.7324	0.7122	0.2871	0.0000	0.0000
	CAPACITY	MW	600.00	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	0.00
	VAR O&M CST	\$000	18161.	7356.	9041.	8971.	3695.	0.	0.
	FIXED COST	\$000	18686.	24101.	19057.	18096.	25707.	0.	0.
	FUEL COST	\$000	97538.	106036.	148984.	148761.	60564.	0.	0.
	AV VAR CST	\$/MWH	29.25	35.50	41.05	42.14	42.59	0.00	0.00
	GENERATION	GWH	3613.3	3194.1	3849.7	3743.5	1508.9	0.0	0.0
	DUMP ENERGY	GWH	0.0	0.0	19.6	15.7	0.0	0.0	0.0
	FUEL BURN 000	MBTU	34720.	30677.	37008.	35968.	14498.	0.	0.
P SPORN 1	CAPACITY FACTOR		0.3559	0.3597	0.3249	0.2293	0.0000	0.0000	0.0000



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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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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.	71336.	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.

5A Output Summary.REP

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

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



5A Output Summary.REP

INDEX #	94	CAPACITY	MW	625.00	625.00	625.00	625.00	625.00	625.00	625.00
		AVG HR	MBTU/MWH	0.00	0.00	7.11	7.18	7.36	7.34	7.31
		VAR O&M CST	\$000	0.	0.	1743.	1274.	2124.	2380.	2366.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	0.	0.	24772.	19354.	32964.	38875.	38522.
		AV VAR CST	\$/MWH	0.00	0.00	41.11	44.64	46.55	49.92	50.88
		GENERATION	GWH	0.0	0.0	645.0	462.1	753.8	826.4	803.6
		FUEL BURN 000	MBTU	0.	0.	4583.	3317.	5547.	6065.	5875.
BS_BF50	956	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	956	CAPACITY	MW	381.00	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	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.
RP2D_KP	957	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	957	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	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.
RP2D_IM	958	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	958	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	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.
CSV6_SCR959	959	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	959	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.

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CSV5_SCR960	960	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	960	CAPACITY	MW	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
		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.
DUMMY_OP961	961	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	961	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
RP1D_KP	962	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.8259	0.7941
INDEX #	962	CAPACITY	MW	198.00	198.00	198.00	198.00	198.00	203.40
		AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	9.65	9.65
		VAR O&M CST	\$000	0.	0.	0.	0.	11462.	11495.
		FIXED COST	\$000	0.	0.	0.	0.	11712.	13196.
		FUEL COST	\$000	0.	0.	0.	0.	32288.	32186.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	29.65	30.87
		GENERATION	GWH	0.0	0.0	0.0	0.0	1475.7	1414.9
		FUEL BURN 000	MBTU	0.	0.	0.	0.	14237.	13651.
RP1D_03	963	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.8042	0.6072
INDEX #	963	CAPACITY	MW	1090.00	1090.00	1090.00	1090.00	1090.00	1090.00
		AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	9.68	9.67
		VAR O&M CST	\$000	0.	0.	0.	0.	69712.	53470.
		FIXED COST	\$000	0.	0.	0.	0.	51019.	68050.
		FUEL COST	\$000	0.	0.	0.	0.	181713.	138894.
		AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	32.65	33.18
		GENERATION	GWH	0.0	0.0	0.0	0.0	7700.3	5797.8
		DUMP ENERGY	GWH	0.0	0.0	0.0	0.0	3.9	2.3
		FUEL BURN 000	MBTU	0.	0.	0.	0.	74544.	56061.
CR2_NGCC964	964	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.2959	0.3257	0.3245
INDEX #	964	CAPACITY	MW	212.00	212.00	212.00	212.00	212.00	212.00
		AVG HR	MBTU/MWH	0.00	0.00	0.00	10.69	10.69	10.65

## 5A Output Summary.REP

	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.
CRI_NGCC965	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.3507	0.3804	0.3828
INDEX # 965	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_NGCC966	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.5205	0.5351	0.5262
INDEX # 966	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_KP967	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.3094	0.4657	0.5130
INDEX # 967	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.	3325.	5260.	6072.
	FIXED COST	\$000	0.	0.	0.	0.	3602.	5123.	5335.
	FUEL COST	\$000	0.	0.	0.	0.	14143.	22504.	25568.
	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	528.5	797.7	876.3
	FUEL BURN 000	MBTU	0.	0.	0.	0.	5109.	7711.	8471.
BS1_Gas 968	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.1515	0.2943	0.3177
INDEX # 968	CAPACITY	MW	260.00	260.00	260.00	260.00	260.00	260.00	260.00
	AVG HR	MBTU/MWH	0.00	0.00	0.00	0.00	10.07	10.07	10.09
	VAR O&M CST	\$000	0.	0.	0.	0.	187.	372.	410.
	FIXED COST	\$000	0.	0.	0.	0.	3293.	8894.	8695.
	FUEL COST	\$000	0.	0.	0.	0.	16942.	35896.	39476.
	AV VAR CST	\$/MWH	0.00	0.00	0.00	0.00	49.64	53.96	55.12
	GENERATION	GWH	0.0	0.0	0.0	0.0	345.1	672.2	723.7
	FUEL BURN 000	MBTU	0.	0.	0.	0.	3476.	6770.	7303.
RP2TR_IM969	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.3902	0.4550	0.5935
INDEX # 969	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.	169177.
	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.
DUMMY_OP970	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 970	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_OP971	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 971	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_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.



















5A Output Summary.REP

Table with 10 columns: Index #, Capacity Factor, Capacity (MW), Avg HR (MBTU/MWH), VAR O&M CST (\$000), FIXED COST (\$000), FUEL COST (\$000), AV VAR CST (\$/MWH), GENERATION (GWH), FUEL BURN (000 MBTU). Rows include CEREDO (3, 4, 5), DARBY (1, 2, 3) and their respective sub-indexes.

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AEP EAST GENERATION AND FUEL MODULE UNIT REPORT

Table with 10 columns: Index #, Capacity Factor, Capacity (MW), Avg HR (MBTU/MWH), VAR O&M CST (\$000), FIXED COST (\$000), FUEL COST (\$000), AV VAR CST (\$/MWH), GENERATION (GWH), FUEL BURN (000 MBTU). Rows include DARBY (4, 5) and their respective sub-indexes.



5A Output Summary.REP

		VAR O&M CST	\$000	457.	454.	397.	466.	533.	535.	509.
		FIXED COST	\$000	331.	346.	319.	412.	348.	356.	413.
		FUEL COST	\$000	5691.	5618.	4846.	5747.	6708.	6759.	6507.
		AV VAR CST	\$/MWH	83.09	84.84	85.70	88.65	92.58	95.09	98.37
		GENERATION	GW	74.0	71.6	61.2	70.1	78.2	76.7	71.3
		FUEL BURN	000 MBTU	871.	842.	720.	825.	920.	902.	839.
DARBY	6	CAPACITY FACTOR		0.0926	0.0895	0.0769	0.0764	0.0858	0.0830	0.0858
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	11.76	11.76	11.76
		VAR O&M CST	\$000	426.	423.	373.	379.	435.	431.	457.
		FIXED COST	\$000	348.	364.	335.	456.	406.	411.	445.
		FUEL COST	\$000	5302.	5232.	4544.	4669.	5482.	5450.	5835.
		AV VAR CST	\$/MWH	83.06	84.81	85.67	88.70	92.65	95.16	98.23
		GENERATION	GW	69.0	66.7	57.4	56.9	63.9	61.8	64.1
		FUEL BURN	000 MBTU	811.	784.	675.	670.	751.	727.	754.
LWBG WIN	1	CAPACITY FACTOR		0.2799	0.2742	0.2729	0.2663	0.2503	0.2464	0.2522
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	7.10
		VAR O&M CST	\$000	6432.	6461.	6609.	6587.	6340.	6391.	6714.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	68708.	68615.	69171.	69680.	68311.	69042.	73071.
		AV VAR CST	\$/MWH	51.68	52.71	53.30	55.14	57.42	58.93	60.74
		GENERATION	GW	1453.8	1424.4	1421.8	1383.2	1300.0	1280.1	1313.6
		FUEL BURN	000 MBTU	10316.	10107.	10091.	9818.	9231.	9089.	9327.
LWBG WIN	2	CAPACITY FACTOR		0.3649	0.3562	0.3605	0.3566	0.3214	0.3183	0.3266
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	7.08
		VAR O&M CST	\$000	8096.	8103.	8428.	8516.	7859.	7970.	8393.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	89447.	89017.	91207.	93106.	87605.	89051.	94490.
		AV VAR CST	\$/MWH	51.46	52.48	53.05	54.86	57.18	58.67	60.48
		GENERATION	GW	1895.7	1850.6	1878.0	1852.4	1669.5	1653.7	1701.1
		FUEL BURN	000 MBTU	13416.	13097.	13292.	13110.	11823.	11710.	12047.
LWBG SMR	1	CAPACITY FACTOR		0.1242	0.1235	0.1241	0.1246	0.1217	0.1199	0.1197
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	7.09	7.09	7.09	7.09	7.09
		VAR O&M CST	\$000	2854.	2911.	3006.	3084.	3084.	3110.	3188.
		FIXED COST	\$000	-659.	-814.	-934.	-1057.	-1144.	-1215.	-1240.
		FUEL COST	\$000	29349.	29832.	30315.	31450.	32131.	32493.	33644.
		AV VAR CST	\$/MWH	49.92	51.02	51.54	53.33	55.68	57.15	59.06
		GENERATION	GW	645.1	641.8	646.5	647.5	632.4	622.9	623.7
		FUEL BURN	000 MBTU	4572.	4548.	4582.	4589.	4483.	4416.	4420.
LWBG SMR	2	CAPACITY FACTOR		0.1411	0.1403	0.1404	0.1414	0.1361	0.1338	0.1345
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	7.08	7.08	7.08	7.08	7.08
		VAR O&M CST	\$000	3130.	3190.	3283.	3378.	3329.	3350.	3456.
		FIXED COST	\$000	-867.	-1027.	-1154.	-1274.	-1371.	-1452.	-1510.
		FUEL COST	\$000	33306.	33821.	34257.	35642.	35884.	36215.	37742.
		AV VAR CST	\$/MWH	49.71	50.80	51.32	53.11	55.45	56.92	58.81
		GENERATION	GW	733.0	728.6	731.5	734.8	707.1	695.1	700.5
		FUEL BURN	000 MBTU	5188.	5157.	5179.	5201.	5007.	4922.	4959.
WATR CC	1	CAPACITY FACTOR		0.1822	0.1787	0.1676	0.1615	0.1607	0.1571	0.1622
INDEX #	91	CAPACITY	MW	840.00	840.00	840.00	840.00	840.00	840.00	840.00
		AVG HR	MBTU/MWH	7.32	7.32	7.32	7.32	7.32	7.32	7.32
		VAR O&M CST	\$000	5663.	5694.	5489.	5403.	5503.	5510.	5840.
		FIXED COST	\$000	-1270.	-1663.	-1939.	-969.	-1672.	-1401.	-1195.
		FUEL COST	\$000	65709.	65700.	62443.	62170.	64402.	64654.	69010.
		AV VAR CST	\$/MWH	53.23	54.30	54.93	56.86	59.14	60.69	62.53
		GENERATION	GW	1340.8	1314.9	1236.7	1188.5	1182.1	1156.0	1197.0
		FUEL BURN	000 MBTU	9811.	9623.	9051.	8700.	8650.	8460.	8759.
WATR2	1	CAPACITY FACTOR		0.1041	0.1030	0.1046	0.1047	0.1041	0.1028	0.1015
INDEX #	92	CAPACITY	MW	840.00	840.00	840.00	840.00	840.00	840.00	840.00
		AVG HR	MBTU/MWH	7.29	7.29	7.29	7.29	7.29	7.29	7.29
		VAR O&M CST	\$000	3235.	3283.	3425.	3504.	3564.	3606.	3653.
		FIXED COST	\$000	-426.	-970.	-1536.	-698.	-1170.	-1094.	-1074.
		FUEL COST	\$000	36071.	36474.	37436.	38718.	40205.	40813.	41749.
		AV VAR CST	\$/MWH	51.31	52.44	52.94	54.78	57.17	58.71	60.63
		GENERATION	GW	766.0	758.1	771.8	770.7	765.7	756.6	748.8
		FUEL BURN	000 MBTU	5582.	5524.	5625.	5617.	5579.	5514.	5457.
DRESDEN	1	CAPACITY FACTOR		0.4223	0.4200	0.4239	0.4184	0.4037	0.4151	0.4201
INDEX #	93	CAPACITY	MW	625.00	625.00	625.00	625.00	625.00	625.00	625.00
		AVG HR	MBTU/MWH	7.49	7.49	7.49	7.49	7.52	7.54	7.52
		VAR O&M CST	\$000	6956.	7093.	7357.	7418.	7329.	7715.	8016.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	121646.	123456.	125869.	128174.	129431.	136682.	142844.
		AV VAR CST	\$/MWH	55.62	56.77	57.25	59.19	61.88	63.54	65.40
		GENERATION	GW	2312.1	2299.7	2327.2	2290.8	2210.2	2272.5	2306.6
		DUMP ENERGY	GW	0.2	0.0	0.0	0.0	0.0	0.4	0.0
		FUEL BURN	000 MBTU	17315.	17236.	17431.	17159.	16616.	17125.	17355.
DRESD2	1	CAPACITY FACTOR		0.1429	0.1435	0.1432	0.1441	0.1422	0.1410	0.1408
INDEX #	94	CAPACITY	MW	625.00	625.00	625.00	625.00	625.00	625.00	625.00
		AVG HR	MBTU/MWH	7.34	7.33	7.34	7.33	7.35	7.36	7.36
		VAR O&M CST	\$000	2354.	2423.	2485.	2555.	2581.	2621.	2686.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	38802.	39743.	40101.	41656.	43041.	43859.	45336.
		AV VAR CST	\$/MWH	52.59	53.67	54.18	56.04	58.61	60.20	62.13
		GENERATION	GW	782.6	785.7	786.1	789.0	778.4	772.1	773.0
		FUEL BURN	000 MBTU	5741.	5761.	5767.	5787.	5724.	5685.	5690.

5A Output Summary.REP

INDEX #	UNIT	2018	2019	2020	2021	2022	2023	2024
BS_BF50 956	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDE X # 956	CAPACITY	381.00	381.00	381.00	381.00	381.00	381.00	381.00
	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.
RP2D_KP 957	CAPACITY FACTOR	0.0000	0.0000	0.3786	0.5133	0.4545	0.3802	0.4614
INDE X # 957	CAPACITY	195.00	200.40	200.40	200.40	200.40	200.40	200.40
	AVG HR	0.00	0.00	9.69	9.69	9.69	9.69	9.69
	VAR O&M CST \$000	0.	0.	5220.	7251.	6588.	5662.	7071.
	FIXED COST \$000	0.	0.	6823.	7173.	7571.	7915.	8288.
	FUEL COST \$000	0.	0.	21295.	29582.	26502.	22751.	28474.
	AV VAR CST \$/MWH	0.00	0.00	39.79	40.88	41.47	42.57	43.76
	GENERATION GWH	0.0	0.0	666.4	901.1	797.9	667.4	812.3
	FUEL BURN 000 MBTU	0.	0.	6457.	8731.	7731.	6467.	7871.
RP2D_IM 958	CAPACITY FACTOR	0.0000	0.0000	0.8366	0.7964	0.7999	0.7370	0.5999
INDE X # 958	CAPACITY	1090.00	1090.00	1090.00	1090.00	1090.00	1090.00	1090.00
	AVG HR	0.00	0.00	9.71	9.71	9.72	9.73	9.72
	VAR O&M CST \$000	0.	0.	11333.	10909.	11117.	10388.	8590.
	FIXED COST \$000	0.	0.	31316.	40228.	42074.	45183.	50809.
	FUEL COST \$000	0.	0.	202787.	196129.	198051.	186099.	155094.
	AV VAR CST \$/MWH	0.00	0.00	26.73	27.23	27.39	27.92	28.50
	GENERATION GWH	0.0	0.0	8010.2	7604.5	7637.6	7037.2	5743.7
	FUEL BURN 000 MBTU	0.	0.	77774.	73809.	74249.	68492.	55844.
CSV6_SCR959	CAPACITY FACTOR	0.0000	0.0000	0.6500	0.7440	0.7408	0.6411	0.7104
INDE X # 959	CAPACITY	391.00	391.00	391.00	391.00	391.00	391.00	391.00
	AVG HR	0.00	0.00	10.30	10.29	10.37	10.37	10.37
	VAR O&M CST \$000	0.	0.	7974.	9314.	9505.	8415.	9562.
	FIXED COST \$000	0.	0.	14103.	23767.	27976.	36412.	42755.
	FUEL COST \$000	0.	0.	79061.	91992.	92573.	81704.	92737.
	AV VAR CST \$/MWH	0.00	0.00	38.99	39.75	40.23	41.04	41.93
	GENERATION GWH	0.0	0.0	2232.5	2548.3	2537.4	2196.0	2439.8
	FUEL BURN 000 MBTU	0.	0.	23001.	26233.	26324.	22779.	25292.
CSV5_SCR960	CAPACITY FACTOR	0.0000	0.0000	0.7094	0.7425	0.6266	0.6654	0.6809
INDE X # 960	CAPACITY	391.00	391.00	391.00	391.00	391.00	391.00	391.00
	AVG HR	0.00	0.00	10.61	10.61	10.69	10.70	10.69
	VAR O&M CST \$000	0.	0.	8764.	9362.	8099.	8799.	9233.
	FIXED COST \$000	0.	0.	12830.	19943.	26396.	32195.	36686.
	FUEL COST \$000	0.	0.	88868.	94630.	80717.	87496.	91687.
	AV VAR CST \$/MWH	0.00	0.00	40.07	40.89	41.38	42.25	43.16
	GENERATION GWH	0.0	0.0	2436.3	2543.2	2146.3	2279.1	2338.4
	FUEL BURN 000 MBTU	0.	0.	25856.	26984.	22949.	24393.	25005.

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INDEX #	UNIT	2018	2019	2020	2021	2022	2023	2024
DUMMY_OP961	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDE X # 961	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
RP1D_KP 962	CAPACITY FACTOR	0.8598	0.8661	0.8260	0.8629	0.7298	0.7642	0.6732
INDE X # 962	CAPACITY	203.40	203.40	203.40	203.40	203.40	203.40	203.40
	AVG HR	9.65	9.65	9.65	9.65	9.65	9.65	9.65
	VAR O&M CST \$000	13072.	13628.	13158.	14098.	11958.	12878.	11605.
	FIXED COST \$000	14362.	14890.	15202.	15586.	15976.	16302.	16675.
	FUEL COST \$000	35880.	37034.	36272.	38824.	32969.	35439.	32235.
	AV VAR CST \$/MWH	31.95	32.83	33.49	34.42	34.55	35.48	36.45
	GENERATION GWH	1532.0	1543.2	1475.9	1537.5	1300.4	1361.6	1202.8
	FUEL BURN 000 MBTU	14780.	14888.	14239.	14834.	12546.	13137.	11605.
RP1D_03 963	CAPACITY FACTOR	0.7656	0.7777	0.6199	0.6692	0.5666	0.4430	0.6184
INDE X # 963	CAPACITY	1090.00	1090.00	1090.00	1090.00	1090.00	1090.00	1090.00
	AVG HR	9.68	9.69	9.75	9.74	9.78	9.79	9.77
	VAR O&M CST \$000	68516.	70797.	57556.	63111.	54364.	43273.	61629.
	FIXED COST \$000	68104.	65087.	68290.	68117.	74913.	88293.	85988.
	FUEL COST \$000	178097.	184035.	150842.	165400.	141151.	112536.	160643.
	AV VAR CST \$/MWH	33.74	34.32	35.11	35.76	36.14	36.83	37.54
	GENERATION GWH	7310.0	7426.0	5935.5	6389.9	5409.9	4230.2	5921.1
	DUMP ENERGY GWH	3.4	3.6	1.6	1.2	4.7	4.7	4.4
	FUEL BURN 000 MBTU	70742.	71960.	57845.	62236.	52910.	41409.	57840.
CR2_NGCC964	CAPACITY FACTOR	0.3293	0.3048	0.3303	0.3221	0.3103	0.3410	0.3429
INDE X # 964	CAPACITY	212.00	212.00	212.00	212.00	212.00	212.00	212.00
	AVG HR	10.71	10.62	10.77	10.71	10.73	10.88	10.88
	VAR O&M CST \$000	3318.	3139.	3504.	3482.	3434.	3873.	3995.
	FIXED COST \$000	23080.	23080.	23080.	23080.	23080.	23080.	23080.
	FUEL COST \$000	43480.	40856.	45325.	45480.	45812.	52310.	54392.
	AV VAR CST \$/MWH	76.53	77.73	79.38	81.86	85.45	88.72	91.44
	GENERATION GWH	611.5	566.0	615.1	598.1	576.3	633.3	638.5
	FUEL BURN 000 MBTU	6547.	6012.	6622.	6408.	6186.	6887.	6945.
CR1_NGCC965	CAPACITY FACTOR	0.3764	0.3760	0.3803	0.3720	0.3587	0.3723	0.3804
INDE X # 965	CAPACITY	212.00	212.00	212.00	212.00	212.00	212.00	212.00

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		10.51	10.51	10.52	10.49	10.51	10.59	10.59
AVG HR	MBTU/MWH	10.51	10.51	10.52	10.49	10.51	10.59	10.59
VAR O&M CST	\$000	3775.	3862.	4011.	4001.	3949.	4201.	4403.
FIXED COST	\$000	23080.	23080.	23080.	23080.	23080.	23080.	23080.
FUEL COST	\$000	48784.	49798.	50930.	51361.	51791.	55587.	58747.
AV VAR CST	\$/MWH	75.18	76.85	77.58	80.14	83.68	86.47	89.14
GENERATION	GWH	699.1	698.2	708.2	690.8	666.1	691.5	708.5
DUMP ENERGY	GWH	0.2	0.0	0.0	0.0	0.0	0.0	0.0
FUEL BURN 000	MBTU	7345.	7340.	7452.	7250.	7001.	7325.	7506.
MRS_NGCC966	CAPACITY FACTOR	0.5197	0.5177	0.5188	0.5172	0.5196	0.5177	0.5189
INDEX # 966	CAPACITY	MW	510.00	510.00	510.00	510.00	510.00	510.00
AVG HR	MBTU/MWH	11.23	11.24	11.24	11.24	11.23	11.24	11.24
VAR O&M CST	\$000	10777.	11002.	11324.	11527.	11853.	12085.	12428.
FIXED COST	\$000	55524.	55524.	55524.	55524.	55524.	55524.	55524.
FUEL COST	\$000	169796.	175488.	180472.	185733.	190132.	194729.	202178.
AV VAR CST	\$/MWH	77.78	80.63	82.53	85.38	87.01	89.42	92.33
GENERATION	GWH	2321.7	2312.8	2324.1	2310.5	2321.5	2312.8	2324.5
DUMP ENERGY	GWH	6.5	4.0	5.5	4.1	11.0	11.3	8.6
FUEL BURN 000	MBTU	26082.	25998.	26118.	25977.	26081.	25999.	26121.
RP2TR_KP967	CAPACITY FACTOR	0.4831	0.5264	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 967	CAPACITY	MW	195.00	200.40	200.40	200.40	200.40	200.40
AVG HR	MBTU/MWH	9.67	9.67	0.00	0.00	0.00	0.00	0.00
VAR O&M CST	\$000	6009.	6988.	0.	0.	0.	0.	0.
FIXED COST	\$000	5638.	6657.	0.	0.	0.	0.	0.
FUEL COST	\$000	24797.	28569.	0.	0.	0.	0.	0.
AV VAR CST	\$/MWH	37.33	38.48	0.00	0.00	0.00	0.00	0.00
GENERATION	GWH	825.3	924.1	0.0	0.0	0.0	0.0	0.0
FUEL BURN 000	MBTU	7978.	8933.	0.	0.	0.	0.	0.
ES1_Gas_968	CAPACITY FACTOR	0.2828	0.3201	0.2872	0.3259	0.2953	0.2387	0.3003
INDEX # 968	CAPACITY	MW	260.00	260.00	260.00	260.00	260.00	260.00
AVG HR	MBTU/MWH	10.10	10.09	10.09	10.09	10.07	10.05	10.07
VAR O&M CST	\$000	372.	432.	399.	462.	429.	355.	458.
FIXED COST	\$000	9960.	9571.	11357.	10968.	11379.	12789.	12200.
FUEL COST	\$000	36279.	41688.	37925.	44294.	41670.	34549.	44931.
AV VAR CST	\$/MWH	56.91	57.78	58.42	60.29	62.60	64.21	66.19
GENERATION	GWH	644.1	729.0	656.0	742.3	672.5	543.6	685.8
FUEL BURN 000	MBTU	6505.	7359.	6618.	7493.	6770.	5463.	6904.
RP2TR_IM969	CAPACITY FACTOR	0.4706	0.3467	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 969	CAPACITY	MW	1105.00	1105.00	1105.00	1105.00	1105.00	1105.00
AVG HR	MBTU/MWH	9.79	9.80	0.00	0.00	0.00	0.00	0.00
VAR O&M CST	\$000	25364.	19177.	0.	0.	0.	0.	0.
FIXED COST	\$000	25825.	44836.	0.	0.	0.	0.	0.
FUEL COST	\$000	138671.	105123.	0.	0.	0.	0.	0.
AV VAR CST	\$/MWH	36.01	37.04	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
FUEL BURN 000	MBTU	44614.	32872.	0.	0.	0.	0.	0.
DUMMY_OP970	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 970	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.	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_OP971	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 971	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.	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_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
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
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
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
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_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
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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GENERATION		GWH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP990	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 990	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_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	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_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	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_KP993	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	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_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	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_OP995	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
ML_KP50_996	CAPACITY FACTOR		0.6560	0.7462	0.7352	0.6570	0.6494	0.6349	0.5439
INDEX # 996	CAPACITY	MW	395.00	395.00	395.00	395.00	395.00	395.00	395.00
	AVG HR	MBTU/MWH	9.70	9.70	9.70	9.70	9.70	9.70	9.70
	VAR O&M CST	\$000	11189.	13124.	13345.	12249.	12465.	12549.	11103.
	FIXED COST	\$000	64148.	66042.	68686.	68009.	72557.	74654.	76802.
	FUEL COST	\$000	69513.	81081.	82062.	75125.	74066.	74958.	66040.
	AV VAR CST	\$/MWH	35.55	36.49	37.40	38.43	38.51	39.83	40.88
	GENERATION	GWH	2269.9	2582.0	2550.9	2273.4	2247.0	2196.8	1887.3
	FUEL BURN 000	MBTU	22017.	25047.	24741.	22051.	21801.	21311.	18309.
ML_KP50_997	CAPACITY FACTOR		0.7326	0.6504	0.7181	0.7386	0.5445	0.5841	0.6178
INDEX # 997	CAPACITY	MW	385.00	385.00	385.00	385.00	385.00	385.00	385.00
	AVG HR	MBTU/MWH	9.71	9.71	9.71	9.70	9.71	9.71	9.71
	VAR O&M CST	\$000	12185.	11153.	12714.	13427.	10191.	11263.	12298.
	FIXED COST	\$000	62298.	68187.	68596.	68149.	72560.	74657.	76805.
	FUEL COST	\$000	75720.	68920.	78211.	82370.	60576.	67305.	73175.
	AV VAR CST	\$/MWH	35.58	36.51	37.44	38.46	38.54	39.88	40.91
	GENERATION	GWH	2470.9	2193.4	2428.6	2491.1	1836.2	1969.9	2089.2
	FUEL BURN 000	MBTU	23981.	21288.	23577.	24175.	17829.	19134.	20284.
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

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		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	790.00	790.00	790.00	790.00	790.00	790.00	790.00
	AVG HR	9.68	9.68	9.70	9.69	9.70	9.68	9.68
	VAR O&M CST	\$000	18587.	17634.	19167.	17566.	20785.	19529.
	FIXED COST	\$000	41785.	44521.	44557.	50519.	49690.	48793.
	FUEL COST	\$000	201510.	190790.	207819.	214591.	190055.	223965.
	AV VAR CST	\$/MWH	41.42	42.24	43.27	44.08	45.08	46.82
	GENERATION	GWH	5314.1	4934.6	5245.7	5318.7	4605.5	5337.4
	FUEL BURN 000	MBTU	51460.	47753.	50865.	51515.	44668.	51659.

5A Output Summary.REP

AMOS	2	CAPACITY FACTOR	0.8047	0.8080	0.7961	0.7362	0.7978	0.8087	0.8066
INDEX #	2	CAPACITY	790.00	790.00	790.00	790.00	790.00	790.00	790.00
		AVG HR	9.51	9.50	9.51	9.51	9.51	9.50	9.50
		VAR O&M CST	19378.	19882.	20024.	18970.	20946.	21682.	22087.
		FIXED COST	44832.	47695.	50028.	53971.	55121.	57290.	57349.
		FUEL COST	207302.	212317.	214175.	202378.	223493.	230540.	234780.
		AV VAR CST	40.70	41.53	42.51	43.33	44.28	45.07	46.02
		GENERATION	5568.9	5591.8	5509.5	5108.4	5520.8	5596.5	5582.2
		FUEL BURN	52936.	53133.	52423.	48582.	52518.	53173.	53051.
AMOS OP	3	CAPACITY FACTOR	0.8172	0.8145	0.7309	0.7345	0.7367	0.8215	0.8240
INDEX #	3	CAPACITY	858.00	858.00	858.00	858.00	858.00	858.00	858.00
		AVG HR	9.72	9.72	9.72	9.72	9.72	9.72	9.71
		VAR O&M CST	21506.	21906.	20087.	20685.	21133.	24070.	24654.
		FIXED COST	11659.	12782.	20250.	21292.	22775.	17459.	14659.
		FUEL COST	233787.	237784.	218237.	224174.	228983.	260075.	266187.
		AV VAR CST	41.57	42.42	43.38	44.23	45.17	46.02	46.96
		GENERATION	6142.0	6121.8	5493.7	5535.7	5537.1	6174.3	6193.3
		FUEL BURN	59702.	59506.	53421.	53810.	53809.	59988.	60149.
BECKJORD	6	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	4	CAPACITY	53.00	53.00	53.00	53.00	53.00	53.00	53.00
		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.
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	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.
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	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.
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	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	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	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	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

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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.
CLINCH R	3	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	18	CAPACITY	MW	235.00	235.00	235.00	235.00	235.00	235.00	235.00
		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.
ROCKP_KP	1	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	19	CAPACITY	MW	203.40	203.40	203.40	203.40	203.40	203.40	203.40
		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	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.
ROCKP_KP	2	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	20	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	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.
CSVL 1-4	3	CAPACITY FACTOR		0.0000	0.0000	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	165.00
		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.
CSVL 1-4	4	CAPACITY FACTOR		0.7899	0.7411	0.7934	0.7918	0.7478	0.8007	0.8032
INDEX #	22	CAPACITY	MW	337.00	337.00	337.00	337.00	337.00	337.00	337.00
		AVG HR	MBTU/MWH	9.81	9.81	9.80	9.81	9.80	9.80	9.79
		VAR O&M CST	\$000	10183.	9764.	10679.	10921.	10506.	11488.	11768.
		FIXED COST	\$000	40745.	44073.	45874.	48302.	51332.	53125.	54135.
		FUEL COST	\$000	87737.	84045.	91768.	93696.	90147.	98314.	100691.
		AV VAR CST	\$/MWH	41.99	42.88	43.74	44.63	45.59	46.45	47.43
		GENERATION	GW	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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			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	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.
		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.
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.
		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.
D C COOK	1	CAPACITY FACTOR	0.8485	0.8510	0.9261	0.8480	0.8515	0.9261	0.8484
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	\$000	57175.	59064.	62612.	64582.	72348.	68261.
		FIXED COST	\$000	289181.	304436.	314490.	336183.	352363.	362786.
		FUEL COST	\$000	75550.	77878.	86832.	82437.	84676.	94144.
		AV VAR CST	\$/MWH	16.47	16.95	17.40	17.96	18.46	18.93
		GENERATION	GW	8056.9	8080.7	8794.3	8074.4	8085.8	8794.3
		FUEL BURN 000	MBTU	87369.	87628.	95365.	87559.	87683.	95366.
D C COOK	2	CAPACITY FACTOR	0.8593	0.9370	0.8589	0.8599	0.9370	0.8592	0.8593
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	\$000	59134.	66416.	62707.	64837.	72575.	68546.
		FIXED COST	\$000	289699.	299490.	321183.	337070.	347402.	370470.
		FUEL COST	\$000	76537.	84387.	79207.	81263.	90207.	84575.
		AV VAR CST	\$/MWH	16.28	16.60	17.04	17.47	17.91	18.38

5A Output Summary.REP

		GENERATION	GW	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	GW	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	GW	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	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		0.7950	0.7285	0.8252	0.8220	0.7289	0.8290	0.7231
INDEX #	43	CAPACITY	MW	614.00	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	10.08
		VAR O&M CST	\$000	8555.	8011.	9272.	9465.	8549.	9929.	8845.
		FIXED COST	\$000	77953.	81684.	84596.	88230.	92865.	95741.	98915.



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		FUEL COST \$000	159771.	150344.	174399.	178764.	162337.	189068.	168824.
		AV VAR CST \$/MWH	39.36	40.41	41.38	42.46	43.59	44.63	45.68
		GENERATION GWH	4276.1	3918.5	4438.3	4433.6	3920.7	4458.7	3889.2
		FUEL BURN 000 MBTU	43106.	39501.	44763.	44736.	39537.	44957.	39207.
MITCHELL	2	CAPACITY FACTOR	0.7387	0.8396	0.8359	0.7373	0.8373	0.8386	0.8395
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	9.62	9.62	9.62	9.62	9.62
		VAR O&M CST \$000	8084.	9392.	9554.	8635.	9990.	10218.	10446.
		FIXED COST \$000	61219.	62201.	63818.	66627.	67458.	69316.	69992.
		FUEL COST \$000	146188.	170722.	174034.	157875.	183737.	188440.	193120.
		AV VAR CST \$/MWH	37.61	38.62	39.55	40.55	41.66	42.66	43.66
		GENERATION GWH	4102.4	4663.2	4642.3	4106.2	4650.4	4657.2	4662.7
		FUEL BURN 000 MBTU	39446.	44855.	44674.	39508.	44751.	44810.	44858.
MOUNT ER	1	CAPACITY FACTOR	0.8770	0.6689	0.8933	0.8415	0.8942	0.8445	0.8791
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	36970.	28840.	39370.	38027.	41188.	39749.	42275.
		FIXED COST \$000	69203.	91234.	73540.	81343.	79761.	88079.	80024.
		FUEL COST \$000	301629.	235231.	320039.	308829.	334139.	322065.	342067.
		AV VAR CST \$/MWH	33.54	34.30	34.95	35.71	36.46	37.22	37.98
		GENERATION GWH	10094.8	7699.8	10282.6	9713.2	10293.1	9720.6	10119.5
		FUEL BURN 000 MBTU	96778.	73810.	98582.	93123.	98674.	93185.	97007.

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		2025	2026	2027	2028	2029	2030	2031
MUSK RVR	1	CAPACITY FACTOR	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
		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.
MUSK RVR	2	CAPACITY FACTOR	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
		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.
MUSK RVR	3	CAPACITY FACTOR	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
		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.
MUSK RVR	4	CAPACITY FACTOR	0.0000	0.0000	0.0000	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	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.
MUSK RVR	5	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	50	CAPACITY MW	600.00	600.00	600.00	600.00	600.00	600.00
		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.
P SPORN	1	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	51	CAPACITY MW	150.00	150.00	150.00	150.00	150.00	150.00
		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.
P SPORN	2	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	52	CAPACITY MW	150.00	150.00	150.00	150.00	150.00	150.00
		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.











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MR5 NGCC966	CAPACITY FACTOR		0.5170	0.5176	0.5145	0.5139	0.5138	0.5162	0.5169
INDEX # 966	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_KP967	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 967	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.
BS1_Gas_968	CAPACITY FACTOR		0.2952	0.2415	0.2927	0.2896	0.2389	0.3011	0.0000
INDEX # 968	CAPACITY	MW	260.00	260.00	260.00	260.00	260.00	260.00	260.00
	AVG HR	MBTU/MWH	10.08	10.04	10.07	10.07	10.04	10.06	0.00
	VAR O&M CST	\$000	459.	384.	476.	483.	406.	523.	0.
	FIXED COST	\$000	12611.	14005.	13399.	13793.	14187.	17449.	0.
	FUEL COST	\$000	45426.	37521.	46592.	47228.	39645.	50604.	0.
	AV VAR CST	\$/MWH	68.25	68.91	70.62	72.15	73.61	74.55	0.00
	GENERATION	GWH	672.3	550.0	666.5	661.3	544.1	685.8	0.0
	FUEL BURN 000	MBTU	6773.	5523.	6709.	6658.	5465.	6900.	0.
RP2TR_IM969	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 969	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_OP970	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 970	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_OP971	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 971	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_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
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





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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	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_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	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_KP993	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	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_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	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_OP995	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
ML_KP50_996	CAPACITY FACTOR		0.6436	0.6369	0.5420	0.6375	0.6371	0.5362	0.6321
INDEX # 996	CAPACITY	MW	395.00	395.00	395.00	395.00	395.00	395.00	395.00
	AVG HR	MBTU/MWH	9.70	9.70	9.70	9.70	9.70	9.70	9.70
	VAR O&M CST	\$000	13495.	13757.	12059.	14656.	15050.	13053.	15860.
	FIXED COST	\$000	79001.	81255.	83562.	85926.	88347.	90827.	93366.
	FUEL COST	\$000	80091.	81396.	70900.	85783.	87833.	75715.	91378.
	AV VAR CST	\$/MWH	42.02	43.18	44.23	45.40	46.67	47.84	49.03
	GENERATION	GWH	2226.9	2203.9	1875.5	2212.1	2204.5	1855.4	2187.2
	FUEL BURN	000 MBTU	21605.	21380.	18195.	21463.	21388.	18000.	21218.
ML_KP50_997	CAPACITY FACTOR		0.5254	0.5898	0.6086	0.5250	0.5889	0.5885	0.5321
INDEX # 997	CAPACITY	MW	385.00	385.00	385.00	385.00	385.00	385.00	385.00
	AVG HR	MBTU/MWH	9.71	9.71	9.71	9.71	9.71	9.71	9.71
	VAR O&M CST	\$000	10747.	12425.	13207.	11771.	13569.	13977.	13020.
	FIXED COST	\$000	79005.	81258.	83566.	85930.	88351.	90831.	93370.
	FUEL COST	\$000	63808.	73545.	77676.	68916.	79220.	81117.	75037.
	AV VAR CST	\$/MWH	42.08	43.22	44.28	45.45	46.72	47.91	49.07
	GENERATION	GWH	1772.0	1989.0	2052.6	1775.4	1986.2	1984.8	1794.7
	FUEL BURN	000 MBTU	17212.	19317.	19931.	17241.	19289.	19281.	17422.
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

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			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	790.00	790.00	790.00	790.00	790.00	790.00	790.00
		AVG HR	9.68	9.68	9.69	9.68	9.67	9.69	9.67
		VAR O&M CST	21706.	22135.	19740.	23087.	21953.	23725.	24747.
		FIXED COST	47148.	45519.	46379.	39685.	33710.	33128.	33602.
		FUEL COST	233622.	237903.	212355.	247674.	234720.	253910.	263561.
		AV VAR CST	47.77	48.72	49.81	50.73	51.64	52.83	53.69
		GENERATION	5344.7	5337.3	4659.9	5337.1	4970.7	5255.2	5370.1
		FUEL BURN	51741.	51661.	45141.	51654.	48057.	50939.	51938.
AMOS	2	CAPACITY FACTOR	0.8053	0.7433	0.8025	0.8096	0.8154	0.7993	0.8129
INDEX #	2	CAPACITY	790.00	790.00	790.00	790.00	790.00	790.00	790.00
		AVG HR	9.50	9.50	9.51	9.50	9.49	9.51	9.50
		VAR O&M CST	22577.	21224.	23406.	24111.	24867.	24839.	25795.
		FIXED COST	55336.	57480.	52730.	50490.	51696.	52915.	52821.
		FUEL COST	239801.	225065.	248419.	255214.	262398.	262184.	271105.
		AV VAR CST	46.95	47.88	48.94	49.86	50.77	51.89	52.77

5A Output Summary.REP

		GENERATION		5588.0	5144.3	5553.7	5602.7	5658.4	5531.3	5625.8
		FUEL BURN 000	MBTU	53111.	48873.	52799.	53224.	53715.	52600.	53422.
AMOS OP INDEX #	3	CAPACITY FACTOR		0.7367	0.7474	0.7454	0.8334	0.8341	0.7475	0.8376
	3	CAPACITY	MW	858.00	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	9.71	9.70
		VAR O&M CST	\$/000	22571.	23318.	23752.	27118.	27796.	25374.	29037.
		FIXED COST	\$/000	21707.	17021.	15062.	5479.	272.	8997.	1271.
		FUEL COST	\$/000	243566.	251147.	255945.	291520.	297989.	271844.	309966.
		AV VAR CST	\$/MWH	47.93	48.86	49.92	50.87	51.82	52.90	53.85
		GENERATION	GW	5552.5	5617.4	5602.7	6263.9	6286.4	5618.5	6295.5
		FUEL BURN 000	MBTU	53950.	54532.	54399.	60798.	61001.	54543.	61082.
BECKJORD INDEX #	6	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	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	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.
BIG SAND INDEX #	1	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	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	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.
BIG SAND INDEX #	2	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	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	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.
CARD 1+2 INDEX #	1	CAPACITY FACTOR		0.6882	0.7847	0.6877	0.7680	0.6899	0.7866	0.6887
	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	16590.	19264.	17243.	19668.	18097.	21020.	18799.
		FIXED COST	\$/000	104423.	104333.	107001.	101648.	99123.	97836.	102909.
		FUEL COST	\$/000	117364.	136080.	121582.	138370.	126996.	147049.	131082.
		AV VAR CST	\$/MWH	37.24	37.98	38.73	39.48	40.24	40.99	41.75
		GENERATION	GW	3597.0	4089.8	3584.2	4002.7	3605.7	4100.0	3589.7
		FUEL BURN 000	MBTU	33376.	37946.	33257.	37137.	33454.	38038.	33307.
CARD 1+2 INDEX #	2	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	8	CAPACITY	MW	595.00	595.00	595.00	595.00	595.00	595.00	595.00
		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.
CARD 3 INDEX #	3	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	9	CAPACITY	MW	620.00	620.00	620.00	620.00	620.00	620.00	620.00
		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.
CLINCH R INDEX #	1	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	16	CAPACITY	MW	235.00	235.00	235.00	235.00	235.00	235.00	235.00
		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.
CLINCH R INDEX #	2	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	17	CAPACITY	MW	235.00	235.00	235.00	235.00	235.00	235.00	235.00
		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.
CLINCH R INDEX #	3	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	18	CAPACITY	MW	235.00	235.00	235.00	235.00	235.00	235.00	235.00
		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.

5A Output Summary.REP

Table with columns for unit name (e.g., ROCKP\_KP, CSVL 1-4), index number, capacity factor, capacity (MW), avg hr, var o&m cst, fixed cost, fuel cost, av var cst, generation (GWH), and fuel burn (000 MBTU). Data is organized by unit and includes various cost metrics.

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AEP EAST GENERATION AND FUEL MODULE UNIT REPORT

Table showing unit reports for units like CSVL 5+6, D C COOK, and GAVIN. Columns include unit name, index, capacity factor, capacity (MW), avg hr, var o&m cst, fixed cost, fuel cost, av var cst, generation (GWH), and fuel burn (000 MBTU). Data is organized by unit and includes various cost metrics.

5A Output Summary.REP

	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	GWH	9631.4	10213.6	9430.5	10224.3	9652.3	10240.2	9430.6
	FUEL BURN	000 MBTU	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	MW	1320.00	1320.00	1320.00	1320.00	1320.00	1320.00
		AVG HR	MBTU/MWH	9.82	9.82	9.82	9.82	9.82	9.82
		VAR O&M CST	\$000	26555.	25456.	27685.	22155.	28974.	27737.
		FIXED COST	\$000	117896.	119295.	117682.	119585.	110701.	111521.
		FUEL COST	\$000	378231.	362824.	394653.	314927.	411578.	392586.
		AV VAR CST	\$/MWH	38.54	39.38	40.22	40.96	41.81	42.55
		GENERATION	GWH	10501.8	9859.4	10500.5	8229.0	10538.2	9879.3
		FUEL BURN	000 MBTU	103173.	96862.	103155.	80841.	103525.	97053.
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
		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.
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
		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.
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
		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.
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
		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.
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
		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.
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
		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.
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
		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.
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
		AVG HR	MBTU/MWH	10.09	10.08	10.09	10.08	10.08	10.08
		VAR O&M CST	\$000	10338.	9684.	10733.	10516.	9935.	11454.
		FIXED COST	\$000	99406.	100427.	96566.	91058.	91983.	94270.
		FUEL COST	\$000	198250.	186348.	207166.	203891.	192089.	220919.
		AV VAR CST	\$/MWH	46.86	48.00	49.17	50.43	51.36	52.34
		GENERATION	GWH	4451.4	4083.7	4431.4	4251.6	3933.9	4439.9
		FUEL BURN	000 MBTU	44900.	41180.	44695.	42876.	39647.	44766.
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
		AVG HR	MBTU/MWH	9.62	9.62	9.63	9.62	9.62	9.62

		5A Output Summary.REP							
	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	45.87	47.00	48.19	49.10	50.02	50.92
	GENERATION	GW	4117.3	4675.9	4634.5	4083.3	4688.5	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	1314.00	1314.00	1314.00	1314.00	1314.00	1314.00	1314.00
		AVG HR	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.
		FIXED COST	\$000	76195.	67427.	68826.	61144.	83593.	59045.
		FUEL COST	\$000	336779.	355970.	335084.	371308.	290223.	393733.
		AV VAR CST	\$/MWH	38.74	39.50	40.36	41.13	41.90	42.76
		GENERATION	GW	9769.9	10128.8	9332.6	10151.0	7791.9	10358.0
		FUEL BURN	000 MBTU	93654.	97097.	89456.	97304.	74678.	99287.
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MUSK RVR	1	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	46	CAPACITY	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
		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.
MUSK RVR	2	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	47	CAPACITY	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
		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.
MUSK RVR	3	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	48	CAPACITY	215.00	215.00	215.00	215.00	215.00	215.00
		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.
MUSK RVR	4	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	49	CAPACITY	215.00	215.00	215.00	215.00	215.00	215.00
		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.
MUSK RVR	5	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	50	CAPACITY	600.00	600.00	600.00	600.00	600.00	600.00
		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.
P SPORN	1	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	51	CAPACITY	150.00	150.00	150.00	150.00	150.00	150.00
		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.
P SPORN	2	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	52	CAPACITY	150.00	150.00	150.00	150.00	150.00	150.00
		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.
P SPORN	3	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	53	CAPACITY	150.00	150.00	150.00	150.00	150.00	150.00
		AVG HR	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.	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.
P SPORN	4	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	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	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.
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		0.0000	0.0000	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	100.00	100.00
		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.
RPRUN_IM	1	CAPACITY FACTOR		0.0000	0.0000	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	1105.00	1105.00
		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.
ROCKP_IM	2	CAPACITY FACTOR		0.0000	0.0000	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	1105.00	1105.00
		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.
STUART	1	CAPACITY FACTOR		0.8803	0.8256	0.7454	0.8838	0.8293	0.8303	0.8850	0.8850
INDEX #	61	CAPACITY	MW	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00
		AVG HR	MBTU/MWH	9.49	9.49	9.48	9.49	9.49	9.48	9.49	9.49
		VAR O&M CST	\$000	4671.	4462.	4115.	4983.	4790.	4884.	5318.	5318.
		FIXED COST	\$000	21114.	21438.	21708.	20734.	20868.	20664.	20856.	20856.
		FUEL COST	\$000	43536.	41541.	38232.	46326.	44420.	45271.	49251.	49251.
		AV VAR CST	\$/MWH	41.56	42.41	43.24	44.18	45.03	45.97	46.93	46.93
		GENERATION	GWH	1159.9	1084.8	979.4	1161.3	1092.7	1091.0	1162.9	1162.9
		FUEL BURN	000 MBTU	11006.	10293.	9289.	11016.	10365.	10347.	11031.	11031.
STUART	2	CAPACITY FACTOR		0.8316	0.8319	0.8884	0.8329	0.8328	0.8888	0.8326	0.8326
INDEX #	62	CAPACITY	MW	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00
		AVG HR	MBTU/MWH	9.61	9.61	9.61	9.61	9.61	9.61	9.61	9.61
		VAR O&M CST	\$000	4426.	4509.	4919.	4710.	4824.	5244.	5018.	5018.
		FIXED COST	\$000	21230.	21289.	20848.	20873.	20716.	20209.	21005.	21005.
		FUEL COST	\$000	41658.	42390.	46169.	44229.	45187.	49100.	46946.	46946.
		AV VAR CST	\$/MWH	42.06	42.91	43.76	44.72	45.57	46.53	47.50	47.50
		GENERATION	GWH	1095.8	1093.1	1167.4	1094.4	1097.4	1167.9	1094.1	1094.1
		FUEL BURN	000 MBTU	10531.	10505.	11219.	10517.	10545.	11223.	10514.	10514.
STUART	3	CAPACITY FACTOR		0.8197	0.8214	0.8761	0.8232	0.8253	0.8781	0.8239	0.8239
INDEX #	63	CAPACITY	MW	150.00	150.00	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	9.52	9.52
		VAR O&M CST	\$000	4354.	4443.	4841.	4645.	4770.	5170.	4955.	4955.
		FIXED COST	\$000	21472.	21543.	21113.	21126.	21014.	20496.	21276.	21276.
		FUEL COST	\$000	40690.	41474.	45119.	43313.	44361.	48070.	46028.	46028.
		AV VAR CST	\$/MWH	41.70	42.54	43.40	44.34	45.18	46.14	47.09	47.09
		GENERATION	GWH	1080.1	1079.3	1151.3	1081.7	1087.4	1153.9	1082.6	1082.6
		FUEL BURN	000 MBTU	10286.	10277.	10963.	10299.	10352.	10987.	10308.	10308.

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STUART	4	CAPACITY FACTOR	0.7397	0.8234	0.8792	0.8248	0.8257	0.8809	0.8262
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	9.66	9.66	9.66	9.66

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		VAR O&M CST	\$000	3941.	4469.	4873.	4669.	4788.	5203.	4985.
		FIXED COST	\$000	21797.	21463.	21034.	21056.	20891.	20380.	21175.
		FUEL COST	\$000	37246.	42180.	45928.	44023.	45031.	48912.	46819.
		AV VAR CST	\$/MWH	42.26	43.12	43.97	44.93	45.79	46.75	47.72
		GENERATION	GWH	974.7	1082.0	1155.3	1083.7	1087.9	1157.5	1085.7
		FUEL BURN	000 MBTU	9416.	10452.	11160.	10468.	10508.	11179.	10485.
AMOS AP	3	CAPACITY FACTOR		0.6681	0.6749	0.6691	0.7398	0.7420	0.6547	0.7428
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	9.79	9.79	9.79	9.81	9.79
		VAR O&M CST	\$000	10256.	10552.	10685.	12067.	12395.	11144.	12908.
		FIXED COST	\$000	104881.	104972.	106254.	107510.	107533.	110065.	112670.
		FUEL COST	\$000	111271.	114288.	115824.	130575.	133730.	120270.	138695.
		AV VAR CST	\$/MWH	48.27	49.22	50.31	51.31	52.26	53.41	54.31
		GENERATION	GWH	2517.5	2536.5	2514.5	2780.3	2796.3	2460.4	2791.3
		FUEL BURN	000 MBTU	24646.	24815.	24617.	27232.	27376.	24131.	27331.
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.
		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 4	4	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX #	69	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.
ZIMMER	1	CAPACITY FACTOR		0.8980	0.7586	0.8976	0.8976	0.8088	0.8999	0.8987
INDEX #	70	CAPACITY	MW	330.00	330.00	330.00	330.00	330.00	330.00	330.00
		AVG HR	MBTU/MWH	9.70	9.70	9.70	9.70	9.70	9.70	9.70
		VAR O&M CST	\$000	12312.	10591.	12799.	13071.	12060.	13668.	13941.
		FIXED COST	\$000	45162.	47642.	46540.	46293.	48925.	48311.	47564.
		FUEL COST	\$000	93833.	80735.	97820.	99831.	92011.	104100.	106237.
		AV VAR CST	\$/MWH	40.78	41.64	42.63	43.51	44.39	45.27	46.26
		GENERATION	GWH	2603.0	2193.1	2594.9	2594.8	2344.4	2601.5	2598.0
		FUEL BURN	000 MBTU	25252.	21269.	25174.	25174.	22742.	25234.	25202.
CEREDO	1	CAPACITY FACTOR		0.6139	0.6770	0.7177	0.4692	0.7091	0.6502	0.6824
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	3827.	4300.	4657.	3111.	4816.	4500.	4826.
		FIXED COST	\$000	1219.	1237.	1231.	554.	477.	448.	450.
		FUEL COST	\$000	50364.	56423.	60752.	40198.	62457.	58292.	62255.
		AV VAR CST	\$/MWH	116.85	119.05	120.97	122.51	125.59	128.19	130.48
		GENERATION	GWH	463.8	510.1	540.7	353.5	535.7	489.9	514.1
		FUEL BURN	000 MBTU	5441.	5985.	6345.	4148.	6285.	5748.	6033.
CEREDO	2	CAPACITY FACTOR		0.5599	0.6274	0.6784	0.5381	0.6977	0.6346	0.6798
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	11.75
		VAR O&M CST	\$000	3490.	3985.	4402.	3567.	4739.	4392.	4808.
		FIXED COST	\$000	513.	534.	532.	545.	545.	493.	496.
		FUEL COST	\$000	46020.	52354.	57467.	46814.	61486.	56949.	62083.
		AV VAR CST	\$/MWH	117.05	119.19	121.05	124.28	125.66	128.31	130.60
		GENERATION	GWH	423.0	472.7	511.1	405.4	527.0	478.1	512.2
		DUMP ENERGY	GWH	0.0	0.0	0.0	0.0	0.0	0.2	0.0
		FUEL BURN	000 MBTU	4967.	5551.	6003.	4761.	6190.	5615.	6015.
CEREDO	3	CAPACITY FACTOR		0.5469	0.5183	0.6213	0.4858	0.6465	0.5668	0.5269
INDEX #	77	CAPACITY	MW	86.00	86.00	86.00	86.00	86.00	86.00	86.00
		AVG HR	MBTU/MWH	11.81	11.81	11.81	11.81	11.81	11.81	11.81
		VAR O&M CST	\$000	3409.	3291.	4031.	3220.	4391.	3923.	3726.
		FIXED COST	\$000	601.	625.	629.	686.	649.	588.	594.
		FUEL COST	\$000	45208.	43555.	52962.	42406.	57246.	51181.	48571.
		AV VAR CST	\$/MWH	117.68	119.98	121.77	124.68	126.21	129.05	131.76
		GENERATION	GWH	413.1	390.5	468.1	366.0	488.4	427.0	396.9
		FUEL BURN	000 MBTU	4877.	4610.	5526.	4320.	5766.	5042.	4686.

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CEREDO INDEX #	4 78	CAPACITY FACTOR CAPACITY AVG HR VAR O&M CST FIXED COST FUEL COST AV VAR CST GENERATION DUMP ENERGY FUEL BURN		0.4506 86.00 11.72 2809. 576. 37058. 117.11 340.4 0.0 3990.	0.7603 86.00 11.72 4828. 448. 63157. 118.70 572.8 0.0 6713.	0.7123 86.00 11.72 4622. 464. 60223. 120.84 536.6 0.0 6289.	0.7217 86.00 11.72 4784. 426. 62184. 123.17 543.7 0.6 6372.	0.7489 86.00 11.72 5087. 433. 65809. 125.32 565.7 0.0 6631.	0.6982 86.00 11.72 4832. 417. 62403. 127.83 526.0 0.4 6165.	0.6843 86.00 11.72 4840. 415. 62347. 130.33 515.5 0.0 6042.
CEREDO INDEX #	5 79	CAPACITY FACTOR CAPACITY AVG HR VAR O&M CST FIXED COST FUEL COST AV VAR CST GENERATION DUMP ENERGY FUEL BURN		0.5529 86.00 11.81 3446. 569. 45698. 117.66 417.7 4931.	0.6144 86.00 11.81 3902. 588. 51503. 119.69 462.9 5465.	0.4747 86.00 11.81 3080. 639. 40410. 121.60 409.8 4222.	0.5748 86.00 11.81 3811. 567. 50090. 124.47 433.1 5113.	0.6653 86.00 11.81 4519. 611. 58921. 126.23 502.6 5934.	0.5943 86.00 11.81 4114. 555. 53687. 129.09 447.7 5286.	0.5827 86.00 11.81 4121. 560. 53656. 131.61 439.0 5183.
CEREDO INDEX #	6 80	CAPACITY FACTOR CAPACITY AVG HR VAR O&M CST FIXED COST FUEL COST AV VAR CST GENERATION DUMP ENERGY FUEL BURN		0.4816 86.00 11.94 3002. 643. 40298. 119.01 363.8 0.0 4344.	0.3900 86.00 11.94 2477. 725. 33272. 121.67 293.8 0.0 3507.	0.5440 86.00 11.94 3530. 676. 46975. 123.23 409.8 4893.	0.5246 86.00 11.94 3478. 643. 46253. 125.83 395.2 0.0 4719.	0.6291 86.00 11.94 4273. 687. 56408. 127.69 475.2 0.6 5674.	0.5314 86.00 11.94 3678. 637. 48601. 130.59 400.3 0.0 4779.	0.4042 86.00 11.94 2858. 685. 37670. 133.10 304.5 0.2 3635.
DARBY INDEX #	1 81	CAPACITY FACTOR CAPACITY AVG HR VAR O&M CST FIXED COST FUEL COST AV VAR CST GENERATION DUMP ENERGY FUEL BURN		0.1268 85.00 11.76 806. 435. 10161. 115.85 94.7 1114.	0.1320 85.00 11.76 855. 437. 10752. 118.10 98.3 1156.	0.1295 85.00 11.76 856. 447. 10733. 120.23 96.4 1134.	0.1142 85.00 11.77 772. 516. 9593. 121.91 85.0 1001.	0.1266 85.00 11.76 877. 456. 10923. 124.85 94.5 1112.	0.1274 85.00 11.77 899. 488. 11157. 127.10 94.9 1116.	0.1221 85.00 11.77 880. 440. 10898. 129.57 90.9 1069.
DARBY INDEX #	2 82	CAPACITY FACTOR CAPACITY AVG HR VAR O&M CST FIXED COST FUEL COST AV VAR CST GENERATION DUMP ENERGY FUEL BURN		0.1188 85.00 11.76 755. 471. 9518. 115.82 88.7 1043.	0.1231 85.00 11.76 797. 478. 10028. 118.07 91.7 1079.	0.1208 85.00 11.76 799. 488. 10009. 120.20 89.9 1058.	0.1074 85.00 11.76 717. 516. 9077. 122.62 79.9 940.	0.1178 85.00 11.77 816. 500. 10161. 124.82 87.9 1035.	0.1184 85.00 11.77 836. 526. 10369. 127.06 88.2 1038.	0.1132 85.00 11.77 816. 482. 10106. 129.54 84.3 992.
DARBY INDEX #	3 83	CAPACITY FACTOR CAPACITY AVG HR VAR O&M CST FIXED COST FUEL COST AV VAR CST GENERATION DUMP ENERGY FUEL BURN		0.1138 85.00 11.77 723. 499. 9114. 115.74 85.0 1000.	0.1149 85.00 11.76 744. 516. 9351. 118.04 85.5 1006.	0.1125 85.00 11.76 744. 527. 9322. 120.18 83.8 985.	0.0960 85.00 11.76 649. 604. 8111. 122.55 71.5 841.	0.1095 85.00 11.77 758. 542. 9443. 124.79 81.7 962.	0.1098 85.00 11.77 775. 565. 9611. 127.03 81.8 962.	0.1049 85.00 11.77 756. 519. 9356. 129.51 78.1 919.

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			2032	2033	2034	2035	2036	2037	2038
DARBY INDEX #	4 84	CAPACITY FACTOR CAPACITY AVG HR VAR O&M CST FIXED COST FUEL COST AV VAR CST GENERATION DUMP ENERGY FUEL BURN	0.1075 85.00 11.77 683. 529. 8606. 115.69 80.3 945.	0.1070 85.00 11.77 693. 551. 8708. 118.00 79.7 937.	0.0951 85.00 11.77 629. 600. 7848. 119.73 70.8 833.	0.1064 85.00 11.77 719. 564. 8974. 122.36 79.2 932.	0.1014 85.00 11.77 702. 581. 8746. 124.77 75.7 891.	0.1018 85.00 11.77 718. 597. 8910. 127.00 75.8 892.	0.0970 85.00 11.77 699. 559. 8649. 129.47 72.2 850.
DARBY INDEX #	5 85	CAPACITY FACTOR CAPACITY AVG HR VAR O&M CST FIXED COST FUEL COST AV VAR CST GENERATION DUMP ENERGY FUEL BURN	0.1003 85.00 11.77 638. 561. 8027. 115.66 74.9 881.	0.0996 85.00 11.77 645. 584. 8101. 117.97 74.1 872.	0.0890 85.00 11.76 588. 612. 7383. 120.35 66.2 779.	0.0986 85.00 11.77 667. 600. 8318. 122.33 73.4 864.	0.0939 85.00 11.77 650. 618. 8092. 124.74 70.1 825.	0.0942 85.00 11.77 665. 631. 8240. 126.97 70.1 825.	0.0895 85.00 11.77 645. 592. 7977. 129.44 66.6 784.
DARBY INDEX #	6 86	CAPACITY FACTOR CAPACITY AVG HR VAR O&M CST FIXED COST FUEL COST AV VAR CST GENERATION DUMP ENERGY FUEL BURN	0.0825 85.00 11.76 524. 618. 6600. 115.68 61.6	0.0816 85.00 11.76 529. 640. 6645. 118.01 60.8	0.0800 85.00 11.76 529. 652. 6630. 120.21 59.6	0.0800 85.00 11.76 541. 660. 6753. 122.37 59.6	0.0760 85.00 11.77 526. 682. 6551. 124.76 56.7	0.0771 85.00 11.77 544. 682. 6750. 127.01 57.4	0.0734 85.00 11.77 529. 650. 6544. 129.47 54.6



## 5A Output Summary.REP

		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	GW	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	GW	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.
LWBG SMR	1	CAPACITY FACTOR		0.1264	0.1271	0.1281	0.1289	0.1289	0.1306	0.1305
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	7.08	7.08	7.08	7.08
		VAR O&M CST	\$000	4012.	4110.	4231.	4349.	4456.	4600.	4698.
		FIXED COST	\$000	-1669.	-1702.	-1760.	-1818.	-1867.	-2177.	-2239.
		FUEL COST	\$000	41974.	42928.	44045.	45122.	46138.	47495.	48378.
		AV VAR CST	\$/MWH	69.82	71.22	72.55	73.89	75.36	76.81	78.29
		GENERATION	GW	658.6	660.5	665.4	669.5	671.4	678.2	677.9
		FUEL BURN 000	MBTU	4667.	4680.	4714.	4743.	4756.	4804.	4801.
LWBG SMR	2	CAPACITY FACTOR		0.1431	0.1441	0.1453	0.1464	0.1466	0.1483	0.1489
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	7.08	7.07	7.07	7.07	7.07
		VAR O&M CST	\$000	4382.	4497.	4634.	4768.	4893.	5045.	5175.
		FIXED COST	\$000	-2046.	-2093.	-2162.	-2232.	-2294.	-2525.	-2595.
		FUEL COST	\$000	47427.	48585.	49901.	51170.	52403.	53880.	55121.
		AV VAR CST	\$/MWH	69.52	70.91	72.23	73.56	75.03	76.47	77.94
		GENERATION	GW	745.2	748.6	755.0	760.4	763.7	770.5	773.6
		FUEL BURN 000	MBTU	5274.	5297.	5342.	5380.	5402.	5451.	5471.
WATR CC	1	CAPACITY FACTOR		0.1568	0.1562	0.1577	0.1561	0.1556	0.1547	0.1648
INDEX #	91	CAPACITY	MW	840.00	840.00	840.00	840.00	840.00	840.00	840.00
		AVG HR	MBTU/MWH	7.32	7.32	7.32	7.31	7.31	7.31	7.31
		VAR O&M CST	\$000	6728.	6830.	7044.	7121.	7275.	7369.	8022.
		FIXED COST	\$000	-1260.	-1324.	-1481.	-1916.	-2234.	-1621.	-2055.
		FUEL COST	\$000	78443.	79387.	81521.	82079.	83645.	84333.	91520.
		AV VAR CST	\$/MWH	73.61	74.99	76.32	77.68	79.19	80.57	82.09
		GENERATION	GW	1157.0	1149.6	1160.5	1148.3	1148.2	1138.1	1212.6
		FUEL BURN 000	MBTU	8468.	8411.	8490.	8399.	8398.	8323.	8667.
WATR2	1	CAPACITY FACTOR		0.1057	0.1058	0.1060	0.1062	0.1056	0.1072	0.1058
INDEX #	92	CAPACITY	MW	840.00	840.00	840.00	840.00	840.00	840.00	840.00
		AVG HR	MBTU/MWH	7.29	7.29	7.29	7.29	7.29	7.29	7.29
		VAR O&M CST	\$000	4536.	4623.	4734.	4845.	4939.	5106.	5150.
		FIXED COST	\$000	-956.	-910.	-902.	-1277.	-1454.	-1235.	-1305.
		FUEL COST	\$000	51351.	52247.	53324.	54400.	55360.	57044.	57397.
		AV VAR CST	\$/MWH	71.64	73.07	74.44	75.84	77.35	78.82	80.35
		GENERATION	GW	780.1	778.3	779.9	781.2	779.5	788.5	778.5
		FUEL BURN 000	MBTU	5685.	5671.	5683.	5693.	5680.	5746.	5672.
DRESDEN	1	CAPACITY FACTOR		0.4237	0.4225	0.4181	0.4077	0.4058	0.4057	0.6024
INDEX #	93	CAPACITY	MW	625.00	625.00	625.00	625.00	625.00	625.00	625.00
		AVG HR	MBTU/MWH	7.53	7.54	7.54	7.56	7.56	7.58	7.51
		VAR O&M CST	\$000	9634.	9789.	9896.	9859.	10055.	10243.	15542.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	168823.	171120.	172551.	171554.	174307.	177395.	263596.
		AV VAR CST	\$/MWH	76.72	78.20	79.71	81.28	82.76	84.48	84.63
		GENERATION	GW	2326.0	2313.3	2288.9	2232.0	2227.8	2221.0	3298.2
		DUMP ENERGY	GW	0.1	0.0	0.0	0.0	0.0	0.0	0.0
		FUEL BURN 000	MBTU	17517.	17434.	17259.	16870.	16839.	16834.	24772.
DRES2	1	CAPACITY FACTOR		0.1427	0.1424	0.1415	0.1405	0.1508	0.1439	0.1394
INDEX #	94	CAPACITY	MW	625.00	625.00	625.00	625.00	625.00	625.00	625.00
		AVG HR	MBTU/MWH	7.35	7.35	7.36	7.37	7.41	7.41	7.36
		VAR O&M CST	\$000	3244.	3298.	3349.	3397.	3738.	3633.	3595.
		FIXED COST	\$000	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	\$000	53962.	54785.	55513.	56162.	61938.	60042.	58873.
		AV VAR CST	\$/MWH	73.04	74.51	75.99	77.44	79.30	80.82	81.87
		GENERATION	GW	783.2	779.5	774.6	769.1	828.2	787.8	763.0
		DUMP ENERGY	GW	0.0	0.0	0.0	0.0	0.0	0.0	0.3
		FUEL BURN 000	MBTU	5756.	5732.	5701.	5666.	6138.	5837.	5619.
ES_BF50	956	CAPACITY FACTOR		0.4699	0.5017	0.4920	0.4931	0.5247	0.5170	0.5095
INDEX #	956	CAPACITY	MW	381.00	381.00	381.00	381.00	381.00	381.00	381.00
		AVG HR	MBTU/MWH	6.81	6.81	6.81	6.81	6.81	6.81	6.81
		VAR O&M CST	\$000	6813.	7411.	7425.	7602.	8289.	8323.	8380.
		FIXED COST	\$000	31803.	31803.	31803.	31803.	31803.	31803.	31803.
		FUEL COST	\$000	89524.	96992.	96768.	98577.	107488.	107600.	108006.
		AV VAR CST	\$/MWH	61.25	62.35	63.45	64.52	65.93	67.18	68.45
		GENERATION	GW	1572.7	1674.5	1642.1	1645.6	1755.9	1725.6	1700.3
		FUEL BURN 000	MBTU	10716.	11405.	11183.	11209.	11956.	11750.	11576.
RP2D_KP	957	CAPACITY FACTOR		0.3675	0.2993	0.3188	0.2370	0.2565	0.2571	0.2202
INDEX #	957	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	6982.	5825.	6375.	4868.	5423.	5569.	4900.

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	FIXED COST	\$000	11420.	11833.	12251.	12674.	13102.	13189.	12982.
	FUEL COST	\$000	27880.	23252.	25422.	19377.	21512.	21983.	19240.
	AV VAR CST	\$/MWH	53.89	55.35	56.81	58.28	59.66	61.05	62.46
	GENERATION	GWH	646.9	525.4	559.7	416.0	451.5	451.3	386.5
	FUEL BURN	000 MBTU	6268.	5091.	5423.	4031.	4375.	4373.	3745.
RP2D_IM 958	CAPACITY FACTOR		0.8212	0.7709	0.8102	0.7352	0.6106	0.8080	0.6872
INDEX # 958	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.	255351.	236846.	200354.	269667.	233633.
	AV VAR CST	\$/MWH	33.31	34.01	34.73	35.48	36.05	36.75	37.43
	GENERATION	GWH	7862.4	7361.2	7735.8	7020.1	5846.1	7714.7	6561.4
	FUEL BURN	000 MBTU	76381.	71516.	75179.	68330.	56815.	74986.	63721.
CSV6_SCR959	CAPACITY FACTOR		0.6500	0.7423	0.5800	0.7072	0.7042	0.7510	0.6415
INDEX # 959	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_SCR960	CAPACITY FACTOR		0.6476	0.6929	0.7030	0.5614	0.7048	0.7074	0.6348
INDEX # 960	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.

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			2032	2033	2034	2035	2036	2037	2038
DUMMY_OP961	CAPACITY FACTOR		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 961	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 962	CAPACITY FACTOR		0.7722	0.7727	0.7288	0.7685	0.7323	0.7771	0.6766
INDEX # 962	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	15660.	15961.	15362.	16547.	16136.	17443.	15514.
	FIXED COST	\$000	19771.	20181.	20595.	21014.	21439.	21808.	21990.
	FUEL COST	\$000	45351.	46313.	44807.	48440.	47170.	50848.	45203.
	AV VAR CST	\$/MWH	44.22	45.23	46.34	47.46	48.38	49.32	50.37
	GENERATION	GWH	1379.7	1376.7	1298.5	1369.3	1308.4	1384.6	1205.5
	FUEL BURN	000 MBTU	13312.	13282.	12528.	13211.	12623.	13358.	11630.
RP1D_03 963	CAPACITY FACTOR		0.5845	0.6124	0.5535	0.4285	0.5734	0.5112	0.5638
INDEX # 963	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.	65588.	51675.	70546.	63849.	71710.
	FIXED COST	\$000	63106.	67693.	62989.	68040.	64257.	57962.	55995.
	FUEL COST	\$000	178025.	190127.	175750.	139037.	189685.	172419.	193514.
	AV VAR CST	\$/MWH	43.79	44.70	45.66	46.61	47.40	48.41	49.27
	GENERATION	GWH	5596.1	5847.9	5285.3	4091.3	5490.0	4880.9	5383.5
	DUMP ENERGY	GWH	3.4	2.0	2.3	1.3	0.0	0.4	0.5
	FUEL BURN	000 MBTU	54660.	57149.	51737.	40104.	53787.	47937.	52779.
CR2_NGCC964	CAPACITY FACTOR		0.3550	0.3687	0.3532	0.3465	0.3514	0.3486	0.3262
INDEX # 964	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_NGCC965	CAPACITY FACTOR		0.4029	0.4057	0.4027	0.3806	0.3949	0.3835	0.3699
INDEX # 965	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.	75593.	73567.	78814.	76272.	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_NGCC966	CAPACITY FACTOR		0.5170	0.5168	0.5161	0.5152	0.5150	0.5159	0.5131
INDEX # 966	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.

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		55524.	55524.	55524.	55524.	55524.	55524.	55524.
	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_KP967	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 967	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.
BS1_Gas_968	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 968	CAPACITY MW	260.00	260.00	260.00	260.00	260.00	260.00	260.00
	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.
RP2TR_IM969	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 969	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_OP970	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 970	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_OP971	CAPACITY FACTOR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INDEX # 971	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_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
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



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	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
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	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	GW <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td>	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_KP993	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	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	GW <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td>	0.0	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	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	GW <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td>	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DUMMY_OP995	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	GW <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td>	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ML_KP50 996	CAPACITY FACTOR		0.6315	0.5254	0.6146	0.5987	0.5105	0.5986	0.6012
INDEX # 996	CAPACITY	MW	395.00	395.00	395.00	395.00	395.00	395.00	395.00
	AVG HR	MBTU/MWH	9.70	9.70	9.70	9.70	9.70	9.70	9.70
	VAR O&M CST	\$/000	16375.	14025.	16919.	16994.	15003.	18100.	18749.
	FIXED COST	\$/000	95968.	98632.	101361.	104156.	106531.	108163.	109095.
	FUEL COST	\$/000	93867.	79823.	95671.	95589.	83265.	99200.	101414.
	AV VAR CST	\$/MWH	50.32	51.62	52.94	54.34	55.48	56.63	57.76
	GENERATION	GW <td>2191.0</td> <td>1818.0</td> <td>2126.7</td> <td>2071.7</td> <td>1771.2</td> <td>2071.3</td> <td>2080.3</td>	2191.0	1818.0	2126.7	2071.7	1771.2	2071.3	2080.3
	FUEL BURN	000 MBTU	21254.	17635.	20635.	20097.	17182.	20097.	20178.
ML_KP50 997	CAPACITY FACTOR		0.5982	0.5806	0.5152	0.5436	0.5593	0.4936	0.5422
INDEX # 997	CAPACITY	MW	385.00	385.00	385.00	385.00	385.00	385.00	385.00
	AVG HR	MBTU/MWH	9.71	9.71	9.71	9.72	9.72	9.71	9.72
	VAR O&M CST	\$/000	15127.	15119.	13829.	15055.	16041.	14559.	16505.
	FIXED COST	\$/000	95972.	98636.	101365.	104161.	106536.	108168.	109100.
	FUEL COST	\$/000	86729.	86085.	78215.	84724.	89070.	79826.	89325.
	AV VAR CST	\$/MWH	50.35	51.68	52.98	54.43	55.57	56.70	57.88
	GENERATION	GW <td>2022.9</td> <td>1958.2</td> <td>1737.4</td> <td>1833.2</td> <td>1891.5</td> <td>1664.6</td> <td>1828.6</td>	2022.9	1958.2	1737.4	1833.2	1891.5	1664.6	1828.6
	FUEL BURN	000 MBTU	19636.	19016.	16869.	17811.	18377.	16170.	17771.
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	GW <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td>	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	GW <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td>	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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AMOS	1	CAPACITY FACTOR	0.7668	0.7541
INDEX #	1	CAPACITY	790.00	790.00
		AVG HR	9.68	9.70
		VAR O&M CST	24987.	25178.
		FIXED COST	35473.	257313.
		FUEL COST	265904.	267703.
		AV VAR CST	54.81	55.96
		GENERATION	5306.9	5233.3
		FUEL BURN	51389.	50756.
AMOS	2	CAPACITY FACTOR	0.8044	0.8007
INDEX #	2	CAPACITY	790.00	790.00
		AVG HR	9.50	9.51
		VAR O&M CST	26075.	26586.
		FIXED COST	53882.	366185.
		FUEL COST	273751.	278630.
		AV VAR CST	53.86	54.93
		GENERATION	5566.9	5556.2
		FUEL BURN	52907.	52825.
AMOS_OP	3	CAPACITY FACTOR	0.7535	0.8397
INDEX #	3	CAPACITY	858.00	858.00

## 5A Output Summary.REP

		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	GWH	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	GWH	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	GWH	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	GWH	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	GWH	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	GWH	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	GWH	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	GWH	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	GWH	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.

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

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CSVL 5+6	5	CAPACITY FACTOR	0.0000	0.0000
INDEX #	23	CAPACITY	400.00	400.00
		AVG HR	0.00	0.00
		VAR O&M CST	\$000	0.
		FIXED COST	\$000	0.
		FUEL COST	\$000	0.
		AV VAR CST	\$/MWH	0.00
		GENERATION	GWH	0.0
		FUEL BURN 000	MBTU	0.
CSVL 5+6	6	CAPACITY FACTOR	0.0000	0.0000
INDEX #	24	CAPACITY	400.00	400.00
		AVG HR	0.00	0.00
		VAR O&M CST	\$000	0.
		FIXED COST	\$000	0.
		FUEL COST	\$000	0.
		AV VAR CST	\$/MWH	0.00
		GENERATION	GWH	0.0
		FUEL BURN 000	MBTU	0.
D C COOK	1	CAPACITY FACTOR	0.0000	0.0000
INDEX #	25	CAPACITY	1084.00	1084.00
		AVG HR	0.00	0.00
		VAR O&M CST	\$000	0.
		FIXED COST	\$000	0.
		FUEL COST	\$000	0.
		AV VAR CST	\$/MWH	0.00
		GENERATION	GWH	0.0
		FUEL BURN 000	MBTU	0.
D C COOK	2	CAPACITY FACTOR	0.0000	0.0000
INDEX #	26	CAPACITY	1107.00	1107.00
		AVG HR	0.00	0.00
		VAR O&M CST	\$000	0.
		FIXED COST	\$000	0.
		FUEL COST	\$000	0.
		AV VAR CST	\$/MWH	0.00
		GENERATION	GWH	0.0
		FUEL BURN 000	MBTU	0.
GAVIN	1	CAPACITY FACTOR	0.8857	0.8336
INDEX #	27	CAPACITY	1320.00	1320.00
		AVG HR	9.81	9.81
		VAR O&M CST	\$000	29970.
		FIXED COST	\$000	-2273.
		FUEL COST	\$000	422326.
		AV VAR CST	\$/MWH	44.16
		GENERATION	GWH	10242.0
		FUEL BURN 000	MBTU	100425.

## 5A Output Summary.REP

GAVIN	2	CAPACITY FACTOR	0.8369	0.9109
INDEX #	28	CAPACITY	1320.00	1320.00
		AVG HR	9.82	9.82
		VAR O&M CST	28337.	31584.
		FIXED COST	116537.	670078.
		FUEL COST	399769.	443574.
		AV VAR CST	44.24	44.99
		GENERATION	9677.6	10561.7
		FUEL BURN 000	95071.	103752.
GLEN LYN	5	CAPACITY FACTOR	0.0000	0.0000
INDEX #	29	CAPACITY	95.00	95.00
		AVG HR	0.00	0.00
		VAR O&M CST	0.	0.
		FIXED COST	0.	0.
		FUEL COST	0.	0.
		AV VAR CST	0.00	0.00
		GENERATION	0.0	0.0
		FUEL BURN 000	0.	0.
GLEN LYN	6	CAPACITY FACTOR	0.0000	0.0000
INDEX #	30	CAPACITY	240.00	240.00
		AVG HR	0.00	0.00
		VAR O&M CST	0.	0.
		FIXED COST	0.	0.
		FUEL COST	0.	0.
		AV VAR CST	0.00	0.00
		GENERATION	0.0	0.0
		FUEL BURN 000	0.	0.
KAMMER	1	CAPACITY FACTOR	0.0000	0.0000
INDEX #	33	CAPACITY	210.00	210.00
		AVG HR	0.00	0.00
		VAR O&M CST	0.	0.
		FIXED COST	0.	0.
		FUEL COST	0.	0.
		AV VAR CST	0.00	0.00
		GENERATION	0.0	0.0
		FUEL BURN 000	0.	0.
KAMMER	2	CAPACITY FACTOR	0.0000	0.0000
INDEX #	34	CAPACITY	210.00	210.00
		AVG HR	0.00	0.00
		VAR O&M CST	0.	0.
		FIXED COST	0.	0.
		FUEL COST	0.	0.
		AV VAR CST	0.00	0.00
		GENERATION	0.0	0.0
		FUEL BURN 000	0.	0.
KAMMER	3	CAPACITY FACTOR	0.0000	0.0000
INDEX #	35	CAPACITY	210.00	210.00
		AVG HR	0.00	0.00
		VAR O&M CST	0.	0.
		FIXED COST	0.	0.
		FUEL COST	0.	0.
		AV VAR CST	0.00	0.00
		GENERATION	0.0	0.0
		FUEL BURN 000	0.	0.
KANAWHA	1	CAPACITY FACTOR	0.0000	0.0000
INDEX #	36	CAPACITY	200.00	200.00
		AVG HR	0.00	0.00
		VAR O&M CST	0.	0.
		FIXED COST	0.	0.
		FUEL COST	0.	0.
		AV VAR CST	0.00	0.00
		GENERATION	0.0	0.0
		FUEL BURN 000	0.	0.
KANAWHA	2	CAPACITY FACTOR	0.0000	0.0000
INDEX #	37	CAPACITY	200.00	200.00
		AVG HR	0.00	0.00
		VAR O&M CST	0.	0.
		FIXED COST	0.	0.
		FUEL COST	0.	0.
		AV VAR CST	0.00	0.00
		GENERATION	0.0	0.0
		FUEL BURN 000	0.	0.
MITCHELL	1	CAPACITY FACTOR	0.7350	0.8321
INDEX #	43	CAPACITY	614.00	614.00
		AVG HR	10.07	10.08
		VAR O&M CST	10635.	12331.
		FIXED COST	97461.	498408.
		FUEL COST	203677.	235793.
		AV VAR CST	54.21	55.29
		GENERATION	3953.3	4488.0
		FUEL BURN 000	39821.	45219.
MITCHELL	2	CAPACITY FACTOR	0.8448	0.8440
INDEX #	44	CAPACITY	634.00	634.00
		AVG HR	9.62	9.62
		VAR O&M CST	12438.	12727.
		FIXED COST	53713.	236058.
		FUEL COST	230781.	235724.
		AV VAR CST	51.84	52.86
		GENERATION	4691.7	4700.4



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45209.

	FUEL BURN	000	MBTU	45121.	
MOUNT_ER	1	CAPACITY FACTOR		0.9020	0.8487
INDEX #	45	CAPACITY	MW	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	GWH	10382.3	9795.8
		FUEL BURN	000	99516.	93891.

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MUSK RVR	1	CAPACITY FACTOR		0.0000	0.0000
INDEX #	46	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	0.	0.
MUSK RVR	2	CAPACITY FACTOR		0.0000	0.0000
INDEX #	47	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	0.	0.
MUSK RVR	3	CAPACITY FACTOR		0.0000	0.0000
INDEX #	48	CAPACITY	MW	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	GWH	0.0	0.0
		FUEL BURN	000	0.	0.
MUSK RVR	4	CAPACITY FACTOR		0.0000	0.0000
INDEX #	49	CAPACITY	MW	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	GWH	0.0	0.0
		FUEL BURN	000	0.	0.
MUSK RVR	5	CAPACITY FACTOR		0.0000	0.0000
INDEX #	50	CAPACITY	MW	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	GWH	0.0	0.0
		FUEL BURN	000	0.	0.
P SPORN	1	CAPACITY FACTOR		0.0000	0.0000
INDEX #	51	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	0.	0.
P SPORN	2	CAPACITY FACTOR		0.0000	0.0000
INDEX #	52	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	0.	0.
P SPORN	3	CAPACITY FACTOR		0.0000	0.0000
INDEX #	53	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

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		FUEL BURN 000	MBTU	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.
RPRUM_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.

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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

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		FUEL BURN 000	MBTU	10493.	
AMOS AP	3	CAPACITY FACTOR		0.6641	0.7131
INDEX #	65	CAPACITY	MW	429.00	429.00
		AVG HR	MBTU/MWH	9.80	9.82
		VAR O&M CST	\$000	11789.	12975.
		FIXED COST	\$000	114701.	330344.
		FUEL COST	\$000	126503.	139216.
		AV VAR CST	\$/MWH	55.41	56.64
		GENERATION	GWH	2495.8	2687.2
		FUEL BURN 000	MBTU	24450.	26395.
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		0.6159	0.5564
INDEX #	75	CAPACITY	MW	86.00	86.00
		AVG HR	MBTU/MWH	11.73	11.73
		VAR O&M CST	\$000	4451.	4120.
		FIXED COST	\$000	441.	3916.
		FUEL COST	\$000	57351.	52680.
		AV VAR CST	\$/MWH	133.20	135.13
		GENERATION	GWH	464.0	420.3
		FUEL BURN 000	MBTU	5444.	4932.
CEREDO	2	CAPACITY FACTOR		0.5813	0.5567
INDEX #	76	CAPACITY	MW	86.00	86.00
		AVG HR	MBTU/MWH	11.74	11.75
		VAR O&M CST	\$000	4201.	4122.
		FIXED COST	\$000	489.	3960.
		FUEL COST	\$000	54255.	52758.
		AV VAR CST	\$/MWH	133.48	135.25
		GENERATION	GWH	437.9	420.6
		DUMP ENERGY	GWH	0.0	0.8
		FUEL BURN 000	MBTU	5143.	4940.
CEREDO	3	CAPACITY FACTOR		0.5217	0.4984
INDEX #	77	CAPACITY	MW	86.00	86.00
		AVG HR	MBTU/MWH	11.81	11.81
		VAR O&M CST	\$000	3770.	3690.
		FIXED COST	\$000	590.	4153.
		FUEL COST	\$000	49086.	47702.
		AV VAR CST	\$/MWH	134.48	136.51
		GENERATION	GWH	393.0	376.5
		FUEL BURN 000	MBTU	4640.	4445.
CEREDO	4	CAPACITY FACTOR		0.6933	0.6123
INDEX #	78	CAPACITY	MW	86.00	86.00
		AVG HR	MBTU/MWH	11.72	11.72
		VAR O&M CST	\$000	5010.	4533.
		FIXED COST	\$000	406.	3902.

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		FUEL COST	\$000	64347.	57506.
		AV VAR CST	\$/MWH	132.80	134.13
		GENERATION	GWH	522.3	462.5
		FUEL BURN 000	MBTU	6122.	5422.
CEREDO	5	CAPACITY FACTOR		0.5506	0.7374
INDEX #	79	CAPACITY	MW	86.00	86.00
		AVG HR	MBTU/MWH	11.81	11.81
		VAR O&M CST	\$000	3979.	5460.
		FIXED COST	\$000	556.	3942.
		FUEL COST	\$000	51716.	70318.
		AV VAR CST	\$/MWH	134.26	136.04
		GENERATION	GWH	414.8	557.0
		DUMP ENERGY	GWH	0.0	0.3
		FUEL BURN 000	MBTU	4898.	6577.
CEREDO	6	CAPACITY FACTOR		0.4498	0.6476
INDEX #	80	CAPACITY	MW	86.00	86.00
		AVG HR	MBTU/MWH	11.94	11.94
		VAR O&M CST	\$000	3251.	4795.
		FIXED COST	\$000	639.	4032.
		FUEL COST	\$000	42879.	62591.
		AV VAR CST	\$/MWH	136.12	137.75
		GENERATION	GWH	338.9	489.2
		DUMP ENERGY	GWH	0.0	0.1
		FUEL BURN 000	MBTU	4046.	5841.
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.

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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

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		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		0.6040	0.3922
INDEX #	93	CAPACITY	MW	625.00	625.00
		AVG HR	MBTU/MWH	7.52	7.62
		VAR O&M CST	\$000	15924.	10595.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	269496.	182501.
		AV VAR CST	\$/MWH	86.30	89.67
		GENERATION	GWH	3307.1	2153.4
		FUEL BURN 000	MBTU	24877.	16402.
DRESD2	1	CAPACITY FACTOR		0.1393	0.1515
INDEX #	94	CAPACITY	MW	625.00	625.00
		AVG HR	MBTU/MWH	7.37	7.48
		VAR O&M CST	\$000	3671.	4091.
		FIXED COST	\$000	0.	0.
		FUEL COST	\$000	59962.	67604.
		AV VAR CST	\$/MWH	83.46	86.23
		GENERATION	GWH	762.4	831.5
		DUMP ENERGY	GWH	0.2	0.0
		FUEL BURN 000	MBTU	5619.	6216.
BS_BF50	956	CAPACITY FACTOR		0.5187	0.4886
INDEX #	956	CAPACITY	MW	381.00	381.00
		AVG HR	MBTU/MWH	6.81	6.82
		VAR O&M CST	\$000	8719.	8415.
		FIXED COST	\$000	31803.	98883.
		FUEL COST	\$000	112152.	107782.
		AV VAR CST	\$/MWH	69.81	71.05
		GENERATION	GWH	1731.3	1635.3
		FUEL BURN 000	MBTU	11796.	11151.
RP2D_KP	957	CAPACITY FACTOR		0.2317	0.1685
INDEX #	957	CAPACITY	MW	200.40	200.40
		AVG HR	MBTU/MWH	9.69	9.69
		VAR O&M CST	\$000	5297.	3970.
		FIXED COST	\$000	13097.	69044.
		FUEL COST	\$000	20716.	15428.
		AV VAR CST	\$/MWH	63.96	65.38
		GENERATION	GWH	406.7	296.7
		FUEL BURN 000	MBTU	3941.	2875.

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RP2D_IM 958	CAPACITY FACTOR		0.8269	0.6714
INDEX # 958	CAPACITY	MW	1090.00	1090.00
	AVG HR	MBTU/MWH	9.71	9.71
	VAR O&M CST	\$000	14647.	12054.
	FIXED COST	\$000	64536.	301772.
	FUEL COST	\$000	286556.	237695.
	AV VAR CST	\$/MWH	38.15	38.85
	GENERATION	GWH	7895.4	6428.6
	FUEL BURN 000	MBTU	76698.	62450.
CSV6_SCR959	CAPACITY FACTOR		0.7571	0.7868
INDEX # 959	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_SCR960	CAPACITY FACTOR		0.7180	0.6885
INDEX # 960	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.

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DUMMY_OP961	CAPACITY FACTOR		0.0000	0.0000
INDEX # 961	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 962	CAPACITY FACTOR		0.7815	0.7821
INDEX # 962	CAPACITY	MW	203.40	203.40
	AVG HR	MBTU/MWH	9.65	9.65
	VAR O&M CST	\$000	18293.	18752.
	FIXED COST	\$000	21923.	80091.
	FUEL COST	\$000	53152.	54417.
	AV VAR CST	\$/MWH	51.31	52.36
	GENERATION	GWH	1392.5	1397.4
	FUEL BURN 000	MBTU	13435.	13482.
RP1D_03 963	CAPACITY FACTOR		0.5013	0.5350
INDEX # 963	CAPACITY	MW	1090.00	1090.00
	AVG HR	MBTU/MWH	9.83	9.83
	VAR O&M CST	\$000	64862.	70653.
	FIXED COST	\$000	48940.	77846.
	FUEL COST	\$000	175773.	191601.
	AV VAR CST	\$/MWH	50.28	51.19
	GENERATION	GWH	4786.2	5122.8
	DUMP ENERGY	GWH	0.2	0.5
	FUEL BURN 000	MBTU	47041.	50336.
CR2_NGCC964	CAPACITY FACTOR		0.3200	0.3418
INDEX # 964	CAPACITY	MW	212.00	212.00
	AVG HR	MBTU/MWH	11.13	11.28
	VAR O&M CST	\$000	5149.	5652.
	FIXED COST	\$000	23080.	23080.
	FUEL COST	\$000	69260.	76492.
	AV VAR CST	\$/MWH	125.22	129.05
	GENERATION	GWH	594.2	636.5
	DUMP ENERGY	GWH	0.6	0.0
	FUEL BURN 000	MBTU	6614.	7180.
CR1_NGCC965	CAPACITY FACTOR		0.3639	0.3683
INDEX # 965	CAPACITY	MW	212.00	212.00
	AVG HR	MBTU/MWH	10.82	10.94
	VAR O&M CST	\$000	5813.	6044.
	FIXED COST	\$000	23080.	23080.
	FUEL COST	\$000	76483.	79963.
	AV VAR CST	\$/MWH	121.79	125.40
	GENERATION	GWH	675.7	685.9
	FUEL BURN 000	MBTU	7310.	7506.
MR5_NGCC966	CAPACITY FACTOR		0.5144	0.5126
INDEX # 966	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.

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RP2TR_KP967	CAPACITY FACTOR		0.0000	0.0000
INDEX # 967	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.
BS1_Gas 968	CAPACITY FACTOR		0.0000	0.0000
INDEX # 968	CAPACITY	MW	260.00	260.00
	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.
RP2TR_IM969	CAPACITY FACTOR		0.0000	0.0000
INDEX # 969	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_OP970	CAPACITY FACTOR		0.0000	0.0000
INDEX # 970	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_OP971	CAPACITY FACTOR		0.0000	0.0000
INDEX # 971	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_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
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
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

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		2039	2040
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
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.



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	AV VAR CST	\$/MWH	0.00	0.00
	GENERATION	GWH	0.0	0.0
DUMMY_KP993	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_OP995	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
ML_KP50 996	CAPACITY FACTOR		0.5158	0.5880
INDEX # 996	CAPACITY	MW	395.00	395.00
	AVG HR	MBTU/MWH	9.70	9.70
	VAR O&M CST	\$000	16598.	19603.
	FIXED COST	\$000	69357.	343393.
	FUEL COST	\$000	88560.	103241.
	AV VAR CST	\$/MWH	58.92	60.21
	GENERATION	GWH	1784.7	2040.2
	FUEL BURN 000	MBTU	17312.	19794.
ML_KP50 997	CAPACITY FACTOR		0.5555	0.4642
INDEX # 997	CAPACITY	MW	385.00	385.00
	AVG HR	MBTU/MWH	9.72	9.72
	VAR O&M CST	\$000	17448.	15109.
	FIXED COST	\$000	69361.	343398.
	FUEL COST	\$000	93155.	79624.
	AV VAR CST	\$/MWH	59.04	60.34
	GENERATION	GWH	1873.4	1570.0
	FUEL BURN 000	MBTU	18206.	15264.
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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\* PURCHASED POWER \*  
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			2011	2012	2013	2014	2015	2016	2017
ROBTMONE 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	185.8
	FUEL BURN 000	MBTU	1088.	2105.	1936.	1875.	1941.	2284.	2003.
ROBTMONE 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.
ROBTMONE 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	5A Output Summary.REP	73.79	75.27	80.63	82.47
	GENERATION	GWH	163.2	63.90	68.98	131.6	157.1	134.6
	FUEL BURN	000 MBTU	1767.	134.2	155.9	1421.	1696.	1454.

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			2018	2019	2020	2021	2022	2023	2024
ROBTMONE	1	CAPACITY FACTOR	0.1073	0.1137	0.1176	0.1133	0.1183	0.1160	0.1188
INDEX #	71	CAPACITY	175.00	175.00	175.00	175.00	175.00	175.00	175.00
		AVG HR	10.81	10.79	10.79	10.78	10.79	10.79	10.80
		VAR O&M CST	2257.	2452.	2607.	2565.	2743.	2754.	2894.
		FIXED COST	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	11713.	12653.	13228.	13159.	14354.	14446.	15316.
		AV VAR CST	84.93	86.65	87.58	90.54	94.25	96.70	99.73
		GENERATION	164.5	174.3	180.8	173.7	181.4	177.9	182.6
		FUEL BURN	1779.	1881.	1951.	1872.	1958.	1920.	1972.

ROBTMONE	2	CAPACITY FACTOR	0.0991	0.0965	0.0996	0.0962	0.0249	0.0000	0.0010
INDEX #	72	CAPACITY	175.00	175.00	175.00	175.00	175.00	175.00	175.00
		AVG HR	10.78	10.80	10.80	10.79	10.45	0.00	11.04
		VAR O&M CST	2084.	2081.	2207.	2178.	578.	0.	24.
		FIXED COST	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	10793.	10739.	11202.	11175.	3047.	0.	126.
		AV VAR CST	84.79	86.66	87.59	90.54	94.81	0.00	99.84
		GENERATION	151.9	147.9	153.1	147.5	38.2	0.0	1.5
		FUEL BURN	1637.	1598.	1653.	1591.	400.	0.	17.

ROBTMONE	3	CAPACITY FACTOR	0.0825	0.0819	0.0840	0.0813	0.0787	0.0996	0.1018
INDEX #	73	CAPACITY	175.00	175.00	175.00	175.00	175.00	175.00	175.00
		AVG HR	10.81	10.81	10.81	10.80	10.89	10.80	10.81
		VAR O&M CST	1735.	1766.	1862.	1841.	1825.	2364.	2481.
		FIXED COST	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	8993.	9115.	9450.	9445.	9539.	12403.	13129.
		AV VAR CST	84.84	86.66	87.59	90.55	94.19	96.71	99.74
		GENERATION	126.4	125.6	129.1	124.6	120.6	152.7	156.5
		FUEL BURN	1367.	1357.	1396.	1345.	1314.	1649.	1691.

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			2025	2026	2027	2028	2029	2030	2031
ROBTMONE	1	CAPACITY FACTOR	0.1164	0.1160	0.1080	0.1072	0.1080	0.1056	0.1128
INDEX #	71	CAPACITY	175.00	175.00	175.00	175.00	175.00	175.00	175.00
		AVG HR	10.80	10.79	10.80	10.80	10.80	10.83	10.80
		VAR O&M CST	2893.	2949.	2807.	2857.	2933.	2930.	3197.
		FIXED COST	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	15426.	15590.	14863.	15131.	15534.	15430.	16754.
		AV VAR CST	102.66	104.22	106.71	109.12	111.53	113.43	115.41
		GENERATION	178.4	177.9	165.6	164.9	165.6	161.9	172.9
		FUEL BURN	1927.	1920.	1788.	1780.	1788.	1753.	1867.

ROBTMONE	2	CAPACITY FACTOR	0.0000	0.0013	0.0553	0.0000	0.0565	0.0147	0.0966
INDEX #	72	CAPACITY	175.00	175.00	175.00	175.00	175.00	175.00	175.00
		AVG HR	0.00	10.44	11.03	0.00	11.02	10.48	10.80
		VAR O&M CST	0.	33.	1438.	0.	1535.	407.	2738.
		FIXED COST	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	0.	169.	7623.	0.	8146.	2119.	14349.
		AV VAR CST	0.00	102.36	106.81	0.00	111.72	112.37	115.43
		GENERATION	0.0	2.0	84.8	0.0	86.7	22.5	148.0
		FUEL BURN	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	2472.	2516.	2197.	2310.	2268.	2676.	2319.
		FIXED COST	0.	0.	0.	0.	0.	0.	0.
		FUEL COST	13184.	13308.	11637.	12247.	12013.	14068.	12157.
		AV VAR CST	102.67	104.25	106.72	109.22	111.56	113.26	115.45
		GENERATION	152.5	151.8	129.6	133.3	128.0	147.8	125.4
		FUEL BURN	1648.	1640.	1398.	1442.	1381.	1598.	1356.

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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

		5A Output Summary.REP								
INDEX #	71	CAPACITY	MW	175.00	175.00	175.00	175.00	175.00	175.00	175.00
		AVG HR	MBTU/MWH	10.80	10.80	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	GWHR	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	MW	175.00	175.00	175.00	175.00	175.00	175.00	175.00
		AVG HR	MBTU/MWH	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	GWHR	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	MW	175.00	175.00	175.00	175.00	175.00	175.00	175.00
		AVG HR	MBTU/MWH	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	GWHR	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.

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\* PURCHASED POWER \*  
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2039 2040

ROBTMONE	1	CAPACITY FACTOR		0.0991	0.0958
INDEX #	71	CAPACITY	MW	175.00	175.00
		AVG HR	MBTU/MWH	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	GWHR	152.0	147.2
		FUEL BURN 000	MBTU	1644.	1591.
ROBTMONE	2	CAPACITY FACTOR		0.0535	0.0114
INDEX #	72	CAPACITY	MW	175.00	175.00
		AVG HR	MBTU/MWH	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	GWHR	82.0	17.6
		FUEL BURN 000	MBTU	904.	184.
ROBTMONE	3	CAPACITY FACTOR		0.0734	0.0769
INDEX #	73	CAPACITY	MW	175.00	175.00
		AVG HR	MBTU/MWH	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	GWHR	112.6	118.2
		FUEL BURN 000	MBTU	1216.	1280.

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		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
		FIXED 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	GWHR	359.3	346.6	348.3	374.8	334.2	343.7
		PUMP ENERGY	GWHR	-367.0	-348.9	-351.2	-389.2	-331.2	-344.7

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AEP EAST  
GENERATION AND FUEL MODULE  
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		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
		FIXED COST	\$000	0.0	0.0	0.0	0.0	0.0	0.0

5A Output Summary.REP

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

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AEP EAST  
GENERATION AND FUEL MODULE  
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			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

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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

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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

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AEP EAST  
GENERATION AND FUEL MODULE  
FUEL DATA REPORT

AEP			2011	2012	2013	2014	2015	2016	2017	2018
# 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										
	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.	90.	73.	0.	0.	0.
	CONSUMPTION	000 MBTU	6503.	3864.	3228.	2188.	1835.	0.	0.	0.
	FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST	\$000	18071.	4969.	10501.	7108.	6147.	0.	0.	0.
# 6 BIGS_2										
	CONSUMPTION	(TONS) 000	1502.	902.	828.	492.	172.	0.	0.	0.
	CONSUMPTION	000 MBTU	36523.	21801.	19914.	12009.	4299.	0.	0.	0.
	FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST	\$000	101474.	26948.	64787.	39020.	14320.	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.

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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.

5A Output Summary.REP

# 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.	

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AEP	2011	2012	2013	2014	2015	2016	2017	2018
# 28 GAVI 2								
CONSUMPTION (TONS) 000	3782.	4452.	4080.	4303.	3328.	4376.	4151.	4426.
CONSUMPTION 000 MBTU	91362.	103338.	94655.	100481.	77747.	102097.	96841.	102851.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	171205.	224687.	225033.	255960.	208916.	279451.	269859.	297944.
# 29 GLEN 5								
CONSUMPTION (TONS) 000	6.	6.	4.	4.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	140.	148.	107.	95.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	551.	582.	457.	415.	0.	0.	0.	0.
# 30 GLEN 6								
CONSUMPTION (TONS) 000	28.	33.	18.	21.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	690.	831.	461.	521.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	2718.	3260.	1963.	2281.	0.	0.	0.	0.
# 33 KAMM 1								
CONSUMPTION (TONS) 000	447.	614.	551.	502.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	10135.	13860.	12490.	11364.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	28933.	40533.	41056.	38268.	0.	0.	0.	0.
# 34 KAMM 2								
CONSUMPTION (TONS) 000	446.	574.	552.	534.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	10100.	12960.	12517.	12105.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	28817.	38003.	41145.	40755.	0.	0.	0.	0.
# 35 KAMM 3								
CONSUMPTION (TONS) 000	312.	378.	312.	321.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	7077.	8536.	7078.	7274.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	20906.	25473.	23273.	24499.	0.	0.	0.	0.
# 36 KANA 1								
CONSUMPTION (TONS) 000	175.	407.	346.	346.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	4259.	9759.	8312.	8294.	0.	0.	0.	0.
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.

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# 41 KYGE 4										
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
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# 42 KYGE 5										
CONSUMPTION (TONS) 000	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CONSUMPTION 000 MBTU	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
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# 43 MITC 1										
CONSUMPTION (TONS) 000	1566.	1845.	1628.	2654.	2625.	2464.	2821.	2817.		
CONSUMPTION 000 MBTU	38929.	45945.	40339.	65764.	64998.	61012.	69849.	69756.		
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.		
TOTAL FUEL COST \$000	90145.	121466.	108807.	176742.	177934.	175548.	214936.	220222.		
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# 44 MITC 2										
CONSUMPTION (TONS) 000	1744.	1559.	1748.	2703.	2318.	2835.	2836.	2515.		
CONSUMPTION 000 MBTU	43357.	38809.	43309.	66970.	57381.	70186.	70225.	62271.		
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.		
TOTAL FUEL COST \$000	100452.	102661.	116820.	179974.	157075.	201939.	216065.	196587.		
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# 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.		
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# 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.		
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# 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.		
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# 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.		
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# 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.		
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# 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.		
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# 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.		
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# 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.		
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# 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.		
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# 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.		
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# 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.		
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# 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.		
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AEP		2011	2012	2013	2014	2015	2016	2017	2018
# 58	ROCK LIM								
	CONSUMPTION (TONS) 000	3015.	4249.	3092.	3525.	3728.	673.	645.	699.
	CONSUMPTION 000 MBTU	54640.	77754.	56211.	64479.	68523.	14237.	13651.	14780.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	113528.	151011.	141580.	158514.	189642.	32288.	32186.	35880.
# 59	ROCK 2IM								
	CONSUMPTION (TONS) 000	4653.	3858.	4227.	3920.	3439.	2780.	3501.	2854.
	CONSUMPTION 000 MBTU	84315.	70649.	76933.	71545.	63278.	50762.	64528.	52592.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	175295.	136106.	193701.	175137.	175195.	148136.	194745.	163468.
# 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	BS1 CC								
	CONSUMPTION (MCF) 000	0.	0.	0.	0.	3375.	6573.	7091.	6316.
	CONSUMPTION 000 MBTU	0.	0.	0.	0.	3476.	6770.	7303.	6505.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	0.	0.	0.	0.	16942.	35896.	39476.	36279.
# 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.
# 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								



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CONSUMPTION (MCF) 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.
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# 75 DARBY									
CONSUMPTION (MCF) 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.
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# 76 DRESDEN									
CONSUMPTION (MCF) 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.
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# 77 LANRNG									
CONSUMPTION (MCF) 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.
-----									
# 78 ROBMOE									
CONSUMPTION (MCF) 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.
-----									
# 79 WATERFOR									
CONSUMPTION (MCF) 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.
-----									
# 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_RPNR									
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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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.	46737.	53063.	50702.	50797.	44822.	51460.	47753.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	191210.	173674.	201428.	186895.	190798.	171911.	201510.	190790.
-----								
# 2 AMOS_2								
CONSUMPTION (TONS) 000	2144.	2155.	2068.	2087.	1925.	2105.	2117.	2125.
CONSUMPTION 000 MBTU	53596.	53873.	51705.	52163.	48123.	52625.	52936.	53133.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	194899.	200210.	196289.	192274.	180755.	201872.	207302.	212317.
-----								
# 3 AMOS_3								
CONSUMPTION (TONS) 000	3188.	3502.	3303.	3096.	3110.	3136.	3484.	3479.
CONSUMPTION 000 MBTU	79710.	87560.	82586.	77410.	77759.	78397.	87091.	86978.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	289852.	325406.	313534.	285315.	292098.	300735.	341040.	347563.
-----								
# 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								

5A Output Summary.REP

	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	1589.	1343.	1529.	1320.	1473.	1332.	1513.	1323.
	CONSUMPTION	000	MBTU	39722.	33579.	38225.	33006.	36837.	33297.	37827.	33064.
	FIXED FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST		\$000	109905.	94932.	110350.	94952.	108184.	99789.	115625.	103043.
-----											
#	8 CARD_2										
	CONSUMPTION	(TONS)	000	1490.	1785.	1668.	1469.	1745.	1639.	1476.	1753.
	CONSUMPTION	000	MBTU	37259.	44626.	41694.	36729.	43620.	40967.	36893.	43814.
	FIXED FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST		\$000	107573.	131502.	125351.	110447.	133768.	128077.	117941.	143114.
-----											
#	9 CARD_3										
	CONSUMPTION	(TONS)	000	1629.	1817.	1823.	1782.	1803.	1527.	1708.	1815.
	CONSUMPTION	000	MBTU	40726.	45437.	45576.	44555.	45078.	38169.	42712.	45366.
	FIXED FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST		\$000	117593.	133905.	137035.	133975.	138249.	119334.	136548.	148195.
-----											
#	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.
-----											
#	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.
-----											
#	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.

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	FIXED FUEL COST	\$000	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	MTBU	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	MTBU	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.	92737.	74786.	100387.	
-----											
# 25 COOK 1	CONSUMPTION (GWH )	000	8734.	8791.	9537.	8734.	8557.	9563.	8737.	8763.	
	CONSUMPTION	000	MTBU	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	MTBU	91410.	99977.	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	MTBU	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.	

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AEP		2019	2020	2021	2022	2023	2024	2025	2026		
# 28 GAVI 2	CONSUMPTION (TONS)	000	3873.	4211.	3706.	4087.	3846.	4114.	4107.		
	CONSUMPTION	000	MTBU	95466.	104271.	91913.	102170.	96148.	102843.	80341.	102682.
	FIXED FUEL COST	\$000	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.		
	CONSUMPTION	000	MTBU	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.		
-----											
# 30 GLEN 6	CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.	0.		
	CONSUMPTION	000	MTBU	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.		
-----											
# 33 KAMM 1	CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.	0.		
	CONSUMPTION	000	MTBU	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.		
-----											
# 34 KAMM 2	CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.	0.		
	CONSUMPTION	000	MTBU	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.		
-----											
# 35 KAMM 3	CONSUMPTION (TONS)	000	0.	0.	0.	0.	0.	0.	0.		
	CONSUMPTION	000	MTBU	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	MTBU	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	MTBU	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	MTBU	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	MTBU	0.	0.	0.	0.	0.	0.		

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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	2511.	2839.	2627.	2537.	2441.	2645.	2437.	2376.
CONSUMPTION	000 MBTU	62174.	70294.	65043.	63148.	60404.	65468.	60318.	58818.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	201261.	233147.	221599.	214496.	212422.	236119.	223580.	223889.
-----									
# 44 MITC_2									
CONSUMPTION (TONS)	000	2863.	2858.	2750.	2472.	2673.	2558.	2467.	2676.
CONSUMPTION	000 MBTU	70895.	70771.	68095.	61539.	66159.	63321.	61051.	66236.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	229474.	234706.	231954.	209023.	232660.	228349.	226279.	252118.
-----									
# 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.

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# 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.

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AEP		2019	2020	2021	2022	2023	2024	2025	2026
# 58 ROCK LIM	CONSUMPTION (TONS) 000	704.	674.	702.	594.	622.	549.	635.	626.
	CONSUMPTION 000 MBTU	14888.	14239.	14834.	12546.	13137.	11605.	13401.	13218.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	37034.	36272.	38824.	32969.	35439.	32235.	38157.	38694.
# 59 ROCK 2IM	CONSUMPTION (TONS) 000	2268.	350.	474.	419.	351.	427.	308.	364.
	CONSUMPTION 000 MBTU	41806.	6457.	8731.	7731.	6467.	7871.	5683.	6706.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	133692.	21295.	29582.	26502.	22751.	28474.	21125.	25536.
# 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 BSI CC	CONSUMPTION (MCF) 000	7145.	6425.	7275.	6573.	5303.	6703.	6576.	5362.
	CONSUMPTION 000 MBTU	7359.	6618.	7493.	6770.	5463.	6904.	6773.	5523.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	41688.	37925.	44294.	41670.	34549.	44931.	45426.	37521.
# 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.	53590.	50160.	52664.	55127.	55101.	54716.	63572.
	CONSUMPTION 000 MBTU	49993.	55198.	51665.	54244.	56781.	56754.	56358.	65479.
	FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST \$000	340066.	378069.	366542.	401944.	431559.	444803.	455858.	535080.

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# 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.	191016.	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 LAWRENCE									
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 ROSEMONT									
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 NR5 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.	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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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	50865.	51515.	44668.	51659.	47543.	51741.	51661.	45141.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	207819.	214591.	190055.	223965.	210373.	233622.	237903.	212355.
# 2 AMOS 2								
CONSUMPTION (TONS) 000	2097.	1943.	2101.	2127.	2122.	2124.	1955.	2112.
CONSUMPTION 000 MBTU	52423.	48582.	52518.	53173.	53051.	53111.	48873.	52799.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	214175.	202378.	223493.	230540.	234780.	239801.	225065.	248419.
# 3 AMOS 3								
CONSUMPTION (TONS) 000	3114.	3146.	3134.	3497.	3504.	3144.	3174.	3161.
CONSUMPTION 000 MBTU	77860.	78640.	78341.	87431.	87597.	78596.	79347.	79016.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	318075.	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.

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#	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	1477.	1330.	1512.	1326.	1482.	1335.
		CONSUMPTION	000	MBTU	36917.	33254.	37803.	33147.	37045.	33376.
		FIXED FUEL COST		\$000	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.
		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.
		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								

5A Output Summary.REP

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.
-----									
# 22	CSVL_4								
CONSUMPTION	(TONS)	000	998.	999.	941.	1007.	1010.	952.	1013.
CONSUMPTION	000	MBTU	22964.	22988.	21640.	23155.	23224.	21900.	23303.
FIXED FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST		\$000	91768.	93696.	90147.	98314.	100691.	96918.	105226.
-----									
# 23	CSVL_5								
CONSUMPTION	(TONS)	000	1005.	892.	1011.	969.	1016.	949.	1013.
CONSUMPTION	000	MBTU	25124.	22290.	25265.	24219.	25389.	23720.	25316.
FIXED FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST		\$000	97895.	88641.	102478.	100417.	107296.	102384.	111544.
-----									
# 24	CSVL_6								
CONSUMPTION	(TONS)	000	973.	792.	1026.	1070.	1032.	925.	1051.
CONSUMPTION	000	MBTU	24335.	19799.	25653.	26741.	25799.	23119.	26287.
FIXED FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST		\$000	94821.	78738.	104052.	110868.	109027.	99782.	115811.
-----									
# 25	COOK_1								
CONSUMPTION	(GWH )	000	9537.	8756.	8768.	9537.	8736.	8787.	9537.
CONSUMPTION	000	MBTU	95365.	87559.	87683.	95366.	87357.	87870.	95365.
FIXED FUEL COST		\$000	3632.	3727.	3825.	3926.	4029.	4135.	4244.
TOTAL FUEL COST		\$000	90464.	86164.	88500.	98070.	92993.	95668.	106615.
-----									
# 26	COOK_2								
CONSUMPTION	(GWH )	000	9137.	9172.	9968.	9140.	9141.	9996.	9137.
CONSUMPTION	000	MBTU	91372.	91723.	99679.	91404.	91411.	99956.	91368.
FIXED FUEL COST		\$000	3632.	3727.	3825.	3926.	4029.	4135.	4244.
TOTAL FUEL COST		\$000	82839.	84990.	94032.	88501.	90354.	100426.	94126.
-----									
# 27	GAVI_1								
CONSUMPTION	(TONS)	000	3987.	3682.	3991.	3760.	3996.	3778.	4006.
CONSUMPTION	000	MBTU	99678.	92056.	99785.	93994.	99901.	94444.	100151.
FIXED FUEL COST		\$000	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST		\$000	330562.	311760.	344884.	331458.	359251.	346248.	375157.

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AEP	2027	2028	2029	2030	2031	2032	2033	2034
# 28	GAVI_2							
CONSUMPTION	(TONS)	000	3854.	4111.	3778.	4116.	3636.	4127.
CONSUMPTION	000	MBTU	96342.	102778.	94460.	102899.	90905.	103173.
FIXED FUEL COST		\$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST		\$000	319469.	348038.	326440.	362836.	326937.	378231.
-----								
# 29	GLEN_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.
-----								
# 30	GLEN_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.
-----								
# 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	KYCE_1							



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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.
-----									
# 39 KYGE_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.
-----									
# 40 KYGE_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.
-----									
# 41 KYGE_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.
-----									
# 42 KYGE_5									
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.
-----									
# 43 MITC_1									
CONSUMPTION (TONS) 000	2614.	2504.	2377.	2595.	2288.	2608.	2432.	2487.	
CONSUMPTION 000 MBTU	64694.	61977.	58826.	64238.	56629.	64537.	60196.	61563.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	252076.	247680.	241556.	270185.	243861.	284979.	272433.	285382.	
-----									
# 44 MITC_2									
CONSUMPTION (TONS) 000	2540.	2463.	2672.	2538.	2670.	2459.	2530.	2636.	
CONSUMPTION 000 MBTU	62869.	60971.	66138.	62810.	66076.	60863.	62616.	65246.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	244934.	243658.	271570.	264155.	284498.	268744.	283371.	302438.	
-----									
# 45 MTRN_6.0									
CONSUMPTION (TONS) 000	3943.	3725.	3947.	3727.	3880.	3746.	3884.	3578.	
CONSUMPTION 000 MBTU	98582.	93123.	98674.	93185.	97007.	93654.	97097.	89456.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	320039.	308829.	334139.	322065.	342067.	336779.	355970.	335084.	
-----									
# 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.	

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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.
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.
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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AEP		2027	2028	2029	2030	2031	2032	2033	2034
# 58 ROCK_1IH									
CONSUMPTION (TONS)	000	593.	628.	593.	629.	547.	630.	629.	593.
CONSUMPTION	000	MBTU	12530.	13270.	12529.	13275.	11550.	13312.	12528.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	37557.	40835.	39557.	42972.	38314.	45351.	46313.	44807.
-----									
# 59 ROCK_2IM									
CONSUMPTION (TONS)	000	413.	362.	387.	298.	322.	340.	276.	294.
CONSUMPTION	000	MBTU	7615.	6673.	7139.	5500.	5933.	6268.	5423.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	29833.	26812.	29394.	23251.	25737.	27880.	23252.	25422.
-----									
# 61 STUA_1									
CONSUMPTION (TONS)	000	447.	449.	477.	448.	447.	478.	447.	403.
CONSUMPTION	000	MBTU	10290.	10342.	10982.	10313.	10291.	11006.	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.	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.	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.	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 BSL_CC									
CONSUMPTION (MCF)	000	6514.	6464.	5306.	6699.	0.	0.	0.	0.
CONSUMPTION	000	MBTU	6709.	6658.	5465.	6900.	0.	0.	0.
FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST	\$000	46592.	47228.	39645.	50604.	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.
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.
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.
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.
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	884.	1048.	1046.	942.	1049.	1052.	886.	1049.
CONSUMPTION	000	MBTU	21211.	25141.	25105.	22614.	25175.	25252.	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.	35068.

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	FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.		
	TOTAL FUEL COST	\$000	288761.	289675.	301258.	304675.	324380.	321345.	325345.	333079.	
-----											
# 72	DOMINON										
	CONSUMPTION	(MCF)	000	52816.	59894.	55291.	58044.	62116.	61777.	65309.	66210.
	CONSUMPTION	000	MBTU	54400.	61691.	56950.	59786.	63979.	63630.	67269.	68196.
	FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST	\$000	457003.	528130.	498967.	530618.	578892.	586563.	631627.	651126.	
-----											
# 73	TCO DELV										
	CONSUMPTION	(MCF)	000	21684.	22451.	22259.	22211.	22251.	22595.	22491.	22291.
	CONSUMPTION	000	MBTU	22335.	23125.	22926.	22878.	22919.	23272.	23165.	22960.
	FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST	\$000	194904.	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.	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.	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.	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.	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.	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.	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.	6009.
	CONSUMPTION	000	MBTU	129108.	119603.	114195.	125955.	112735.	131040.	128665.	126916.
	FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST	\$000	380507.	359663.	350232.	395116.	360384.	426775.	428033.	431101.	
-----											
# 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.	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.	0.
	TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.	
-----											
# 83	BS NGCC										
	CONSUMPTION	(MCF)	000	0.	0.	0.	0.	10313.	10404.	11073.	10858.
	CONSUMPTION	000	MBTU	0.	0.	0.	0.	10622.	10716.	11405.	11183.
	FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.	87164.	89524.	96992.	96768.

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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.	50756.
	FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST	\$000	247674.	234720.	253910.	263561.	265904.	267703.	
-----									
# 2 AMOS_2									
	CONSUMPTION	(TONS)	000	2129.	2149.	2104.	2137.	2116.	2113.
	CONSUMPTION	000	MBTU	53224.	53715.	52600.	53422.	52907.	52825.
	FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST	\$000	255214.	262398.	262184.	271105.	273751.	278630.	
-----									
# 3 AMOS_3									
	CONSUMPTION	(TONS)	000	3521.	3535.	3147.	3537.	3176.	3511.
	CONSUMPTION	000	MBTU	88030.	88376.	78674.	88414.	79402.	87775.

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	FIXED FUEL COST	\$000	0.	0.	0.	0.	0.	0.
	TOTAL FUEL COST	\$000	422096.	431719.	392115.	448661.	410812.	462952.
-----								
# 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.
	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.

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# 20	CSVL 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.
-----							
# 21	CSVL 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.
-----							
# 22	CSVL 4						
	CONSUMPTION (TONS)	000	960.	1030.	1026.	967.	1034.
	CONSUMPTION	000 MBTU	22082.	23683.	23594.	22242.	23775.
	FIXED FUEL COST	\$000	0.	0.	0.	0.	0.
	TOTAL FUEL COST	\$000	103900.	113566.	115253.	110652.	120652.
-----							
# 23	CSVL 5						
	CONSUMPTION (TONS)	000	819.	1032.	1033.	926.	1047.
	CONSUMPTION	000 MBTU	20482.	25811.	25828.	23139.	26181.
	FIXED FUEL COST	\$000	0.	0.	0.	0.	0.
	TOTAL FUEL COST	\$000	93934.	120683.	123084.	112356.	129473.
-----							
# 24	CSVL 6						
	CONSUMPTION (TONS)	000	1001.	1000.	1063.	907.	1071.
	CONSUMPTION	000 MBTU	25030.	24989.	26574.	22671.	26770.
	FIXED FUEL COST	\$000	0.	0.	0.	0.	0.
	TOTAL FUEL COST	\$000	114787.	116834.	126641.	110090.	132385.
-----							
# 25	COOK 1						
	CONSUMPTION (GWH )	000	8559.	0.	0.	0.	0.
	CONSUMPTION	000 MBTU	85586.	0.	0.	0.	0.
	FIXED FUEL COST	\$000	4472.	0.	0.	0.	0.
	TOTAL FUEL COST	\$000	101729.	0.	0.	0.	0.
-----							
# 26	COOK 2						
	CONSUMPTION (GWH )	000	9968.	9168.	9143.	0.	0.
	CONSUMPTION	000 MBTU	99679.	91684.	91427.	0.	0.
	FIXED FUEL COST	\$000	4472.	4591.	4713.	0.	0.
	TOTAL FUEL COST	\$000	106319.	98353.	98173.	0.	0.
-----							
# 27	GAVI 1						
	CONSUMPTION (TONS)	000	4010.	3786.	4016.	3699.	4017.
	CONSUMPTION	000 MBTU	100254.	94644.	100406.	92469.	100425.
	FIXED FUEL COST	\$000	0.	0.	0.	0.	0.
	TOTAL FUEL COST	\$000	390555.	376290.	406188.	381514.	422326.

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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	314927.	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.
	TOTAL FUEL COST	\$000	0.	0.	0.	0.	0.
-----							
# 33	KAMM 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.
-----							
# 34	KAMM 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.
-----							
# 35	KAMM 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.
-----							
# 36	KANA 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.

5A Output Summary.REP

-----							
# 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							
CONSUMPTION (TONS) 000	2452.	2344.	2462.	2531.	2345.	2444.	
CONSUMPTION 000 MBTU	60687.	58024.	60936.	62649.	58027.	60483.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	288615.	281160.	300746.	314827.	296832.	315417.	
-----							
# 44 MITC_2							
CONSUMPTION (TONS) 000	2400.	2517.	2624.	2417.	2523.	2626.	
CONSUMPTION 000 MBTU	59391.	62286.	64956.	59817.	62433.	65002.	
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.	
TOTAL FUEL COST \$000	282427.	301790.	320555.	300598.	319341.	338965.	
-----							
# 45 MTRR_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.	
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.	
-----							
# 50 MUSK_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.	
-----							
# 51 PSPN_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.	
-----							
# 52 PSPN_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.	
-----							
# 53 PSPN_3							

5A Output Summary.REP

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.
-----						
# 54 PSPN 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.
-----						
# 55 PSPN 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.
-----						
# 56 PICW 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.

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AEP EAST  
GENERATION AND FUEL MODULE  
FUEL DATA REPORT

AEP	2035	2036	2037	2038	2039	2040
# 58 ROCK LIM						
CONSUMPTION (TONS) 000	626.	598.	632.	551.	636.	638.
CONSUMPTION 000 MBTU	13211.	12623.	13358.	11630.	13435.	13482.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	48440.	47170.	50848.	45203.	53152.	54417.
-----						
# 59 ROCK 2IH						
CONSUMPTION (TONS) 000	219.	237.	237.	203.	214.	156.
CONSUMPTION 000 MBTU	4031.	4375.	4373.	3745.	3941.	2875.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	19377.	21512.	21983.	19240.	20716.	15428.
-----						
# 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 BSI 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.
-----						
# 66 TANN 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.
-----						
# 67 TANN 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.
-----						
# 68 TANN 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.
-----						
# 69 TANN 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.
-----						
# 70 ZIMM 1						

5A Output Summary.REP

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.	359950.	361327.	377008.	376205.
-----						
# 72 DOMINON						
CONSUMPTION (MCF) 000	61627.	69230.	65165.	63646.	62245.	64225.
CONSUMPTION 000 MBTU	63475.	71307.	67120.	65556.	64113.	66152.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	617838.	706268.	677803.	674592.	672556.	704966.
-----						
# 73 TCO DELV						
CONSUMPTION (MCF) 000	21879.	22308.	22010.	29506.	29607.	21959.
CONSUMPTION 000 MBTU	22536.	22977.	22670.	30392.	30495.	22618.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	227715.	236245.	237436.	322469.	329458.	250105.
-----						
# 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 LAWRNG						
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.	5516.	5859.	5340.
CONSUMPTION 000 MBTU	108434.	110603.	122923.	116500.	123739.	112787.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	375882.	390040.	442086.	427147.	462329.	429297.
-----						
# 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						
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 NGCC						
CONSUMPTION (MCF) 000	10883.	11608.	11408.	11239.	11453.	10826.
CONSUMPTION 000 MBTU	11209.	11956.	11750.	11576.	11796.	11151.
FIXED FUEL COST \$000	0.	0.	0.	0.	0.	0.
TOTAL FUEL COST \$000	98577.	107488.	107600.	108006.	112152.	107782.

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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: AEP SYS ----  
NAME NUMBER INDEX



5A Output Summary.REP

THERMAL UNITS										
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	203.8	170.9	0.0	0.0	0.0
BIG SAND	2	6	3401.2	2030.2	1854.5	1118.4	400.4	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	3885.8	4253.8	4480.2
CLINCH R	1	16	311.2	690.7	541.5	882.4	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	665.8	639.8	0.0	0.0	0.0
ROCKP_KP	2	20	1364.6	959.7	622.4	823.4	191.0	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	957	957	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2D_IM	958	958	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSV6_SCR	959	959	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSV5_SCR	960	960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP1D_KP	962	962	0.0	0.0	0.0	0.0	0.0	1372.8	1316.3	1425.2
RP1D_03	963	963	0.0	0.0	0.0	0.0	0.0	7188.0	5405.7	6821.3
RP2TR_KP	967	967	0.0	0.0	0.0	0.0	490.7	740.6	813.6	766.2
RP2TR_IM	969	969	0.0	0.0	0.0	0.0	3536.5	4134.8	5384.0	4285.0
ML_KP50	996	996	0.0	0.0	0.0	2067.3	1647.5	2253.4	2326.7	2085.0
ML_KP50	997	997	0.0	0.0	0.0	1913.3	1991.4	1900.2	2271.6	2271.0
T4_TRONA	998	998	0.0	0.0	0.0	1515.0	1183.2	1376.3	1261.4	0.0

TOTAL AIR BASIN EMISSIONS	104092.4	107218.3	101362.4	110205.6	91888.7	94867.0	98575.4	96539.3
TOTAL SYSTEM EMISSIONS	104092.3	107218.3	101362.4	110205.5	91888.7	94867.0	98575.5	96539.4

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

	2019	2020	2021	2022	2023	2024	2025	2026
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---- AIR BASIN: AEPSYS ----  
 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
BECKFORD	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

5A Output Summary.REP

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	957	957	0.0	622.6	841.9	745.5	623.6	758.9	547.9	646.6
RP2D_IM	958	958	0.0	7499.4	7117.1	7159.5	6604.4	5384.8	7229.7	5942.2
CSV6_SCR	959	959	0.0	2197.9	2506.7	2515.3	2176.7	2416.8	1912.3	2513.5
CSV5_SCR	960	960	0.0	2470.7	2578.5	2192.9	2330.9	2389.4	1894.8	2364.0
RP1D_KP	962	962	1435.6	1373.0	1430.4	1209.8	1266.7	1119.0	1292.2	1274.5
RP1D_O3	963	963	6938.8	5577.8	6001.1	5101.9	3992.9	5577.3	5156.3	5552.7
RP2TR_KP	967	967	858.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2TR_IM	969	969	3157.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ML_KP50	996	996	2371.9	2342.9	2088.2	2064.5	2018.1	1733.8	2046.0	2024.7
ML_KP50	997	997	2015.9	2232.7	2289.3	1688.4	1812.0	1920.9	1629.9	1829.3
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			95306.8	98891.9	98376.2	94342.7	93201.2	92050.7	93332.0	93234.4
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TOTAL SYSTEM EMISSIONS			95306.8	98891.9	98376.2	94342.7	93201.2	92050.7	93332.0	93234.4

EFFLUENT: CO2 (S) (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	4808.3	4869.7	4222.5	4883.3	4494.2	4891.1	4883.5	4267.2
AMOS	2	2	4955.5	4592.5	4964.5	5026.4	5014.9	5020.6	4619.9	4991.0

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NewEnergy Associates  
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AEP EAST  
GENERATION AND FUEL MODULE  
EMISSIONS RELEASED REPORT

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

2027 2028 2029 2030 2031 2032 2033 2034

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

AMOS OP	3	3	5049.9	5086.7	5086.5	5670.7	5685.8	5099.9	5154.9	5142.3
BECKFORD	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	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 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	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

SA Output Summary.REP

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	9318.0	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
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	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	2310.2	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	957	957	734.3	643.5	688.4	530.4	572.1	604.4	490.9	523.0
RP2D_IM	958	958	7250.3	5939.6	7070.8	6881.0	5289.9	7365.1	6896.0	7249.2
CSV6_SCR	959	959	2325.3	1891.9	2451.3	2555.2	2465.2	2209.1	2511.8	1961.2
CSV5_SCR	960	960	2400.7	2129.9	2414.2	2314.2	2426.0	2266.6	2419.1	2453.8
RP1D_KP	962	962	1208.3	1279.6	1208.1	1280.1	1113.7	1283.6	1280.8	1208.0
RP1D_O3	963	963	5199.0	5593.2	3940.5	5264.3	5580.7	5270.6	5510.6	4988.8
RP2TR_KP	967	967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2TR_IM	969	969	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ML_KP50	996	996	1723.0	2032.4	2025.3	1704.5	2009.3	2012.7	1670.1	1954.0
ML_KP50	997	997	1687.4	1632.7	1826.6	1825.9	1649.9	1859.5	1800.8	1597.4
T4_TRONA	998	998	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL AIR BASIN EMISSIONS			87524.9	84829.7	85644.3	87612.1	86048.0	87035.3	87050.4	85616.1
TOTAL SYSTEM EMISSIONS			87524.9	84829.8	85644.3	87612.1	86047.9	87035.3	87050.4	85616.1

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

2035 2036 2037 2038 2039 2040

--- AIR BASIN: AEPSTYS ---  
NAME NUMBER INDEX

THERMAL UNITS										
AMOS	1	1	4882.8	4542.8	4815.2	4909.7	4857.8	4797.9		
AMOS	2	2	5031.2	5077.7	4972.3	5049.9	5001.3	4993.5		
AMOS_OP	3	3	5747.2	5766.4	5155.9	5774.1	5194.6	5802.2		
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	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		
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		
ROCKP_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		

SA Output Summary.REP

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	2311.3	2495.1
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	957	957	388.7	421.8	421.7	361.1	380.0	277.2
RP2D_IM	958	958	6588.8	5478.4	7230.6	6144.3	7395.7	6021.8
CSV5_SCR	959	959	2391.8	2387.8	2539.3	2166.3	2558.0	2666.2
CSV5_SCR	960	960	1957.2	2466.3	2467.9	2211.1	2501.8	2405.6
RP1D_KP	962	962	1273.9	1217.2	1288.1	1121.5	1295.5	1300.0
RP1D_O3	963	963	3867.1	5186.5	4622.3	5089.3	4535.9	4853.7
RP2TR_KP	967	967	0.0	0.0	0.0	0.0	0.0	0.0
RP2TR_IM	969	969	0.0	0.0	0.0	0.0	0.0	0.0
ML_KP50	996	996	1903.1	1627.1	1903.1	1910.8	1639.4	1874.4
ML_KP50	997	997	1686.7	1740.3	1531.3	1682.9	1724.1	1445.5
T4_TRONA	998	998	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL AIR BASIN EMISSIONS			84169.1	83592.2	87893.6	85782.0	86453.2	87102.7
TOTAL SYSTEM EMISSIONS			84169.1	83592.2	87893.6	85782.0	86453.1	87102.7

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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	95.9
ROBTMONE	2	72	81.6	105.9	74.8	87.6	89.7	106.2	92.0	88.3
ROBTMONE	3	73	95.3	79.1	90.9	115.8	76.6	91.4	78.4	73.7
CEREDO	1	75	190.3	230.2	198.1	97.5	197.4	258.8	178.0	219.4
CEREDO	2	76	162.5	194.6	181.0	72.5	179.1	242.9	152.5	208.8
CEREDO	3	77	149.7	161.5	155.4	56.1	152.5	204.1	114.7	146.6
CEREDO	4	78	200.8	243.8	209.4	121.7	151.9	254.6	209.9	214.2
CEREDO	5	79	155.2	186.1	172.3	74.5	167.4	220.9	135.4	179.7
CEREDO	6	80	145.1	133.7	134.5	48.4	133.7	187.5	99.0	117.3
DARBY	1	81	65.0	85.7	63.1	66.9	55.5	72.0	63.8	61.8
DARBY	2	82	60.6	80.6	59.4	63.0	50.4	67.4	59.5	57.8
DARBY	3	83	56.8	76.9	56.0	59.3	47.3	63.3	55.7	53.9
DARBY	4	84	52.9	72.4	52.5	50.2	52.4	59.3	51.9	50.4
DARBY	5	85	49.3	68.3	49.3	45.5	48.8	55.5	48.4	46.9
DARBY	6	86	46.0	65.3	46.3	42.5	45.4	51.9	45.2	43.7
LWEG WIN	1	87	439.0	531.9	440.2	468.0	477.4	577.0	571.5	556.1
LWEG WIN	2	88	558.1	641.0	541.7	576.3	596.5	713.7	736.5	723.2
LWEG SMR	1	89	206.7	241.9	209.2	201.5	222.8	249.1	252.6	240.6
LWEG SMR	2	90	227.8	266.0	229.0	222.3	247.2	276.9	284.3	273.0
WATR CC	1	91	410.8	557.5	437.9	478.4	502.9	581.4	540.0	528.9
WATR2	1	92	257.4	310.8	251.4	248.3	278.3	314.5	313.0	293.7
DRESDEN	1	93	0.0	0.0	565.4	685.5	886.3	861.1	915.2	911.0
DRESD2	1	94	0.0	0.0	241.2	174.5	291.9	319.1	309.1	302.0
BS_BF50	956	956	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CR2_NGCC	964	964	0.0	0.0	0.0	0.0	309.0	341.1	337.8	344.5
CRI_NGCC	965	965	0.0	0.0	0.0	0.0	359.7	391.5	391.9	386.5
MRS_NGCC	966	966	0.0	0.0	0.0	0.0	1374.0	1410.4	1386.6	1372.4
Bsl_Gas	968	968	0.0	0.0	0.0	0.0	182.9	356.2	384.3	342.3
TOTAL AIR BASIN EMISSIONS			3669.6	4446.5	4563.5	4157.5	7281.5	8450.8	7915.2	7932.8
TOTAL SYSTEM EMISSIONS			3669.6	4446.5	4563.5	4157.5	7281.5	8450.8	7915.2	7932.8

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

			2019	2020	2021	2022	2023	2024	2025	2026
---- AIR BASIN: AEP SYS ----										
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	102.0	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
LWEG WIN	1	87	544.9	544.0	529.3	497.6	490.0	502.8	504.9	494.6

5A Output Summary.REP

LWEG WIN	2	88	706.0	716.6	706.8	637.4	631.3	649.4	659.7	640.2
LWEG SMR	1	89	239.3	241.1	241.5	235.9	232.4	232.6	231.6	229.7
LWEG 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
DRES2	1	94	303.1	303.5	304.5	301.2	299.1	299.4	298.9	310.7
B3_BFS0	956	956	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CR2_NGCC	964	964	316.4	348.4	337.2	325.5	362.4	365.4	343.2	359.7
CR1_NGCC	965	965	386.2	392.1	381.5	368.4	385.4	394.9	397.2	400.1
MR5_NGCC	966	966	1368.0	1374.2	1366.8	1372.3	1368.0	1374.4	1366.4	1367.9
B31_Gas	968	968	387.2	348.2	394.3	356.2	287.4	363.3	356.4	290.6

TOTAL AIR BASIN EMISSIONS	7658.2	7937.1	7739.3	7636.3	7696.2	7828.3	7780.4	8192.3
TOTAL SYSTEM EMISSIONS	7658.2	7937.1	7739.2	7636.3	7696.2	7828.3	7780.4	8192.3

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

2027	2028	2029	2030	2031	2032	2033	2034
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--- AIR BASIN: AEP SYS ---  
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	167.1	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
LWEG WIN	1	87	491.8	493.3	489.8	494.5	499.3	502.1	497.8	502.7
LWEG WIN	2	88	648.3	652.7	647.7	651.4	665.2	665.2	659.6	666.0
LWEG SMR	1	89	234.0	237.0	233.4	240.1	243.7	245.6	246.2	248.1
LWEG 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
DRES2	1	94	299.1	300.0	298.6	300.7	302.1	302.8	301.6	300.0
B3_BFS0	956	956	0.0	0.0	0.0	0.0	558.9	563.8	600.1	588.4
CR2_NGCC	964	964	330.9	366.7	354.1	375.1	369.7	380.2	396.4	380.2
CR1_NGCC	965	965	383.0	408.2	410.8	420.8	405.6	420.7	423.9	422.5
MR5_NGCC	966	966	1360.8	1363.2	1359.3	1364.6	1366.2	1370.3	1365.8	1364.5
B31_Gas	968	968	353.0	350.3	287.5	363.1	0.0	0.0	0.0	0.0

TOTAL AIR BASIN EMISSIONS	7657.7	8054.0	7755.5	7978.5	8489.8	8441.5	8650.9	8687.9
TOTAL SYSTEM EMISSIONS	7657.7	8054.0	7755.5	7978.5	8489.8	8441.5	8650.9	8687.9

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

2035	2036	2037	2038	2039	2040
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--- AIR BASIN: AEP SYS ---  
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	293.5	265.9
CEREDO	2	76	256.6	333.7	302.7	324.3	277.3	266.3
CEREDO	3	77	232.9	310.9	271.8	252.6	250.2	239.7
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	264.0	354.6
CEREDO	6	80	254.4	305.9	257.7	196.0	218.1	314.9
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
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 SMR	1	89	249.6	250.2	252.8	252.6	255.3	254.0
LWEG SMR	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	1308.9	863.0
DRES2	1	94	298.1	323.0	307.1	295.7	295.6	327.1
B3_BFS0	956	956	589.8	629.1	618.2	609.1	620.7	586.7
CR2_NGCC	964	964	373.6	383.7	379.2	354.6	348.0	377.8
CR1_NGCC	965	965	398.3	419.1	405.3	390.7	384.6	394.9
MR5_NGCC	966	966	1362.3	1365.6	1363.7	1357.6	1360.4	1360.2

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						
BS1_Gas 968 968	0.0	0.0	0.0	0.0	0.0	0.0
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TOTAL AIR BASIN EMISSIONS	8418.6	8902.3	8687.4	8965.8	8955.7	8574.2
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TOTAL SYSTEM EMISSIONS	8418.6	8902.3	8687.4	8965.8	8955.7	8574.2

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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
BECKJORD 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	719.4	582.0	0.0	0.0	0.0
BIG SAND 2 6	789.7	471.2	430.4	258.8	92.8	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	652.8	627.4	0.0	0.0	0.0
ROCKP_KP 2 20	1335.2	939.1	609.0	805.7	186.9	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
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

5A Output Summary.REP

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 SHR	1	89	23.8	27.9	23.9	21.7	23.9	26.4	27.1	26.1
LWBG SHR	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
DRES2	1	94	0.0	0.0	27.6	18.3	29.7	32.3	31.7	31.1
BS BF50	956	956	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2D_KP	957	957	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2D_IM	958	958	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSV6_SCR	959	959	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSV5_SCR	960	960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP1D_KP	962	962	0.0	0.0	0.0	0.0	0.0	277.9	266.4	288.5
RP1D_O3	963	963	0.0	0.0	0.0	0.0	0.0	1408.0	1058.0	1335.8
CR2_NGCC	964	964	0.0	0.0	0.0	0.0	22.0	24.3	24.1	24.5
CR1_NGCC	965	965	0.0	0.0	0.0	0.0	26.1	28.3	28.4	28.0
MR5_NGCC	966	966	0.0	0.0	0.0	0.0	93.0	95.9	94.0	92.9
RP2TR_KP	967	967	0.0	0.0	0.0	0.0	457.2	690.0	758.0	713.8
B31_Gas	968	968	0.0	0.0	0.0	0.0	766.6	1494.9	1581.6	1398.2
RP2TR_IM	969	969	0.0	0.0	0.0	0.0	4074.2	4764.7	6176.5	4854.4
ML_KP50	996	996	0.0	0.0	0.0	549.8	438.2	599.3	618.9	554.6
ML_KP50	997	997	0.0	0.0	0.0	572.0	595.2	567.5	678.5	678.3
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	76557.6	52909.0	47330.4	51432.2	47589.4
TOTAL SYSTEM EMISSIONS	74871.2	79699.5	70656.9	76557.6	52909.0	47330.4	51432.2	47589.4

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

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

THERMAL UNITS										
AMOS	1	1	1244.3	1106.3	1256.2	1197.6	1200.0	1059.0	1216.4	1129.1
AMOS	2	2	1250.7	1257.2	1206.8	1215.9	1121.9	1227.0	1234.7	1239.5
AMOS OP	3	3	1853.3	2017.6	1901.6	1799.8	1808.7	1825.0	2030.9	2024.1
BECKFORD	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	992.8	839.3	955.4	824.9	920.7	832.2	945.4	826.4
CARD 1+2	2	8	931.3	1115.4	1042.1	918.0	1090.3	1024.0	922.1	1095.1
CARD 3	3	9	977.2	1090.3	1093.6	1069.1	1081.6	915.9	1024.9	1088.6
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
ROCKF_KP	1	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCKF_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	649.7	703.4	739.3	706.6	638.3	687.2	686.1	643.8
CSVL 5+6	5	23	4980.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSVL 5+6	6	24	4804.3	0.0	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	3334.1
GAVIN	2	28	3009.1	3286.6	2897.1	3220.4	3030.6	3241.6	2532.3	3236.5
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	1002.9	1146.2	1003.2	1109.9	1010.1	1106.2	1055.2	966.9
MITCHELL	2	44	1098.5	1102.9	1103.5	951.0	1073.0	1077.2	943.9	1073.2
MOUNT_ER	1	45	3419.0	3229.8	3357.2	3152.5	3277.0	3043.8	3299.4	2516.0
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
ROCKF_IM	2	59	0.0	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	665.6
STUART	2	62	680.8	641.8	640.8	679.9	637.8	640.5	681.1	638.0
STUART	3	63	663.0	626.6	627.2	655.9	615.2	619.4	659.3	617.5
STUART	4	64	733.3	694.1	693.3	728.3	613.6	688.6	732.9	686.8
AMOS AP	3	65	856.3	956.8	904.5	828.0	831.6	837.7	927.1	930.3
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	2724.7	2744.7	2309.0	2667.0	2667.4	2418.9	2683.8	2686.3

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5A Output Summary.REP

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: AEPSPYS ----										
NAME	NUMBER	INDEX								
ROBTMONE	1	71	24.7	25.5	24.5	25.6	25.1	25.8	25.2	25.1
ROBTMONE	2	72	20.9	21.6	20.8	5.4	0.0	0.2	0.0	0.3
ROBTMONE	3	73	17.8	18.3	17.6	17.1	21.6	22.1	21.6	21.5
CEREDO	1	75	42.2	56.9	36.4	52.1	54.2	40.0	61.2	69.9
CEREDO	2	76	39.2	48.2	33.9	50.8	53.8	52.6	49.2	67.6
CEREDO	3	77	29.4	41.7	33.7	44.6	38.9	40.4	42.6	65.2
CEREDO	4	78	41.3	57.2	47.5	56.8	65.9	66.8	61.6	74.0
CEREDO	5	79	33.8	47.2	48.5	32.4	48.4	51.2	45.4	67.9
CEREDO	6	80	21.7	24.7	38.6	36.1	35.3	39.7	36.7	63.2
DARBY	1	81	18.1	17.8	17.9	19.1	19.3	19.6	17.0	19.3
DARBY	2	82	16.9	16.6	16.7	17.9	18.1	18.4	16.0	18.1
DARBY	3	83	15.8	15.5	15.6	17.1	16.9	17.2	14.7	16.9
DARBY	4	84	14.8	14.8	14.5	16.1	15.8	14.5	16.2	15.8
DARBY	5	85	13.8	11.8	13.5	15.1	14.8	13.7	15.1	14.8
DARBY	6	86	12.8	11.1	11.0	12.3	11.9	12.3	12.1	11.9
LWBG WIN	1	87	57.4	57.1	55.5	52.2	51.4	52.7	53.0	51.9
LWBG WIN	2	88	74.3	75.3	74.2	66.9	66.3	68.2	69.3	67.2
LWBG SMR	1	89	25.9	26.0	26.0	25.4	25.0	25.0	24.9	24.7
LWBG SMR	2	90	29.3	29.3	29.4	28.3	27.9	28.1	28.0	27.7
WATR CC	1	91	55.7	52.1	50.0	49.8	48.7	50.4	49.6	49.1
WATR2	1	92	32.1	32.5	32.4	32.2	31.9	31.5	31.3	31.2
DRESDEN	1	93	144.6	146.3	144.0	139.0	142.9	145.0	142.3	143.5
DRESD2	1	94	31.2	31.3	31.4	31.0	30.7	30.8	30.7	31.8
B3_BF50	956	956	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2D_KP	957	957	0.0	502.5	679.4	601.6	503.2	612.5	442.2	521.8
RP2D_IM	958	958	0.0	7100.1	6789.1	6609.1	5943.0	4962.6	6708.7	5512.9
CSV6_SCR	959	959	0.0	417.7	476.9	473.6	409.9	455.6	361.1	473.5
CSV5_SCR	960	960	0.0	467.4	487.9	410.9	436.1	447.7	355.5	442.4
RP1D_KP	962	962	290.6	277.9	289.5	244.9	256.4	226.5	261.5	258.0
RP1D_03	963	963	1360.1	1098.1	1181.0	1007.0	788.6	1099.9	1017.4	1095.2
CR2_NGCC	964	964	22.6	24.6	23.9	23.1	25.3	25.5	24.2	25.0
CR1_NGCC	965	965	27.9	28.3	27.6	26.6	27.7	28.3	28.5	28.5
MR5_NGCC	966	966	92.5	93.0	92.4	92.9	92.5	93.0	92.4	92.5
RP2TR_KP	967	967	799.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B31 Gas	968	968	1590.5	1438.8	1618.3	1495.2	1228.3	1524.3	1483.5	1250.1
RP2TR_IM	969	969	3573.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ML_KP50	996	996	630.9	623.3	555.5	549.0	536.7	461.1	544.1	538.5
ML_KP50	997	997	602.1	666.7	683.8	504.1	540.8	573.5	486.4	546.0
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			45880.8	40228.8	39686.8	38551.6	37465.2	36527.3	38355.4	37160.9
=====			=====	=====	=====	=====	=====	=====	=====	=====
TOTAL SYSTEM EMISSIONS			45880.8	40228.8	39686.8	38551.6	37465.2	36527.3	38355.4	37160.9

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

			2027	2028	2029	2030	2031	2032	2033	2034
---- AIR BASIN: AEPSPYS ----										
NAME	NUMBER	INDEX								
THERMAL UNITS										
AMOS	1	1	1201.7	1217.6	1055.2	1221.4	1123.9	1223.3	1221.4	1066.9
AMOS	2	2	1222.2	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



SA Output Summary.REP

MUSK RVR	1	46	0.0	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	0.0
MUSK RVR	3	48	0.0	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	0.0
MUSK RVR	5	50	0.0	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	0.0
P SPORN	2	52	0.0	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	0.0
P SPORN	4	54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P SPORN	5	56	0.0	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	0.0
ROCKP_IM	2	59	0.0	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	929.4	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	0.0
TANN 1-3	2	67	0.0	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	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	40.5	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	956	956	0.0	0.0	0.0	0.0	62.4	62.9	67.0	65.7	
RP2D_KP	957	957	592.6	519.3	555.5	428.0	461.7	487.8	396.1	422.0	
RP2D_IM	958	958	6742.5	5545.1	6466.0	6428.3	4938.5	6897.5	6452.0	6731.9	
CSV6_SCR	959	959	438.4	357.0	462.5	482.1	465.7	417.5	475.3	371.5	
CSV5_SCR	960	960	450.3	399.8	453.1	434.5	455.7	426.5	454.9	461.6	
RP1D_KP	962	962	244.6	259.0	244.5	259.1	225.4	259.8	259.2	244.5	
RP1D_03	963	963	1025.5	1102.9	777.7	1038.0	1100.4	1039.3	1087.1	985.3	
CR2_NGCC	964	964	23.3	25.5	24.8	26.1	25.8	26.4	27.4	26.2	
CR1_NGCC	965	965	27.5	29.1	29.3	29.9	29.0	30.0	30.1	29.9	
MR5_NGCC	966	966	91.9	92.1	91.8	92.2	92.4	92.6	92.3	92.2	
RP2TR_KP	967	967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
BS1_Gas	968	968	1483.8	1469.1	1234.5	1532.4	0.0	0.0	0.0	0.0	
RP2TR_IM	969	969	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
ML_KP50	996	996	458.2	540.5	538.6	453.3	534.4	535.3	444.2	519.6	
ML_KP50	997	997	563.4	487.4	545.2	544.8	492.7	555.3	537.6	476.9	
T4_TRONA	998	998	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-----											
TOTAL AIR BASIN EMISSIONS			36598.6	35400.5	36042.6	36517.0	33959.3	35495.4	34868.8	35026.8	
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TOTAL SYSTEM EMISSIONS			36598.5	35400.5	36042.6	36517.0	33959.3	35495.4	34868.8	35026.8	

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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	1199.0			
AMOS	2	2	1241.7	1253.6	1226.6	1246.6	1234.1	1232.0			
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			

5A Output Summary.REP

CSVL 5+6	5	23	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
GAVIN	1	27	3561.1	3361.8	3566.5	3284.6	3567.2	3366.5	3366.5
GAVIN	2	28	2548.1	3263.1	3059.1	3256.6	2996.6	3270.3	3270.3
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	1049.2	970.6	1095.6	1098.5	975.2	1107.2	1107.2
MITCHELL	2	44	940.0	1079.2	1073.2	948.6	1079.9	1081.9	1081.9
MOUNT_ER	1	45	3316.7	2544.9	3384.3	3191.4	3391.8	3200.2	3200.2
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	667.8	628.4	627.4	668.7	627.2	630.0	630.0
STUART	2	62	640.5	642.2	683.5	640.3	640.9	685.7	685.7
STUART	3	63	623.7	627.0	665.4	624.3	625.3	668.7	668.7
STUART	4	64	689.0	691.7	735.9	690.2	690.8	738.8	738.8
AMOS_AP	3	65	921.5	926.5	815.9	925.0	827.3	891.5	891.5
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
TANN 4	4	69	0.0	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	2698.1
ROBTMONE	1	71	23.4	22.8	22.6	21.3	21.5	20.8	20.8
ROBTMONE	2	72	0.0	0.2	11.8	0.0	11.6	2.5	2.5
ROBTMONE	3	73	19.7	19.0	17.0	17.1	15.9	16.7	16.7
CEREDO	1	75	54.2	82.1	75.1	78.8	71.1	64.4	64.4
CEREDO	2	76	62.1	80.7	73.2	78.4	67.1	64.4	64.4
CEREDO	3	77	56.5	75.4	66.0	61.3	60.7	58.2	58.2
CEREDO	4	78	83.5	86.9	80.8	79.2	80.2	71.0	71.0
CEREDO	5	79	67.0	77.7	69.3	67.9	64.2	86.2	86.2
CEREDO	6	80	61.6	74.1	62.4	47.4	52.8	76.2	76.2
DARBY	1	81	16.4	18.2	18.3	17.5	17.5	16.3	16.3
DARBY	2	82	15.4	16.9	17.0	16.2	16.2	15.1	15.1
DARBY	3	83	13.8	15.7	15.8	15.0	15.1	14.0	14.0
DARBY	4	84	15.3	14.6	14.6	13.9	13.9	13.1	13.1
DARBY	5	85	14.1	13.5	13.5	12.8	12.9	10.7	10.7
DARBY	6	86	11.5	10.9	11.1	10.5	10.6	9.9	9.9
LWBG WIN	1	87	52.7	52.7	52.4	53.4	53.4	53.2	53.2
LWBG WIN	2	88	70.6	70.5	70.3	71.9	71.7	71.6	71.6
LWBG SMR	1	89	26.9	27.0	27.2	27.2	27.5	27.4	27.4
LWBG SMR	2	90	30.5	30.6	30.9	31.0	31.3	31.3	31.3
WATR CC	1	91	48.3	48.3	47.9	51.0	51.1	50.9	50.9
WATR2	1	92	32.9	32.8	33.2	32.8	33.3	32.6	32.6
DRESDEN	1	93	140.3	140.1	139.6	207.4	207.9	135.4	135.4
DRES2D	1	94	30.6	33.0	31.4	30.4	30.4	33.1	33.1
BS BF50	956	956	65.8	70.2	69.0	68.0	69.3	65.4	65.4
RP2D_KP	957	957	313.7	340.4	340.3	291.4	306.7	223.7	223.7
RP2D_IM	958	958	5908.6	5082.0	6691.0	5795.9	6934.7	5642.2	5642.2
CSV6_SCR	959	959	453.2	452.3	481.2	411.4	485.4	505.7	505.7
CSV5_SCR	960	960	368.9	464.2	464.7	417.3	471.9	453.9	453.9
RP1D_KP	962	962	257.8	246.4	260.7	227.0	262.2	263.1	263.1
RP1D_O3	963	963	764.6	1025.0	915.2	1006.3	898.7	961.4	961.4
CR2_NGCC	964	964	25.7	26.2	25.9	24.2	23.8	25.5	25.5
CR1_NGCC	965	965	28.3	29.4	28.5	27.5	27.0	27.4	27.4
MR5_NGCC	966	966	92.1	92.3	92.2	91.7	91.9	91.9	91.9
RP2TR_KP	967	967	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B51_Gas	968	968	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2TR_IM	969	969	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ML_KP50	996	996	506.2	432.8	506.1	508.3	436.0	498.5	498.5
ML_KP50	997	997	503.2	519.2	456.9	502.0	514.3	431.0	431.0
T4_TRONA	998	998	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL AIR BASIN EMISSIONS	34002.9	33001.0	35678.3	34486.4	35121.8	34630.1
TOTAL SYSTEM EMISSIONS	34002.9	33001.0	35678.3	34486.4	35121.8	34630.1

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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: AEPSTYS ---								
NAME NUMBER INDEX								
THERMAL UNITS								
BIG SAND 1 5	5169.6	3206.8	2582.1	1728.6	1449.8	0.0	0.0	0.0
BIG SAND 2 6	29036.0	18094.8	15931.1	9487.4	3396.6	0.0	0.0	0.0

5A Output Summary.REP

ROCKP_KP	1	19	5023.3	4553.8	4094.6	2842.1	2631.4	0.0	0.0	0.0
ROCKP_KP	2	20	5509.0	3497.3	2462.3	1628.9	334.0	0.0	0.0	0.0
RP2D_KP	957	957	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP1D_KP	962	962	0.0	0.0	0.0	0.0	0.0	854.2	819.0	886.8
RP2TR_KP	967	967	0.0	0.0	0.0	0.0	1201.6	1813.6	1992.4	1876.3
ML_KP50	996	996	0.0	0.0	0.0	1604.5	1174.3	1606.2	1658.5	1486.2
ML_KP50	997	997	0.0	0.0	0.0	1485.0	1419.4	1354.4	1619.2	1618.7
TOTAL AIR BASIN EMISSIONS			44737.9	29352.7	25070.2	18776.6	11607.2	5628.5	6089.0	5868.1
TOTAL SYSTEM EMISSIONS			44737.9	29352.7	25070.2	18776.6	11607.2	5628.5	6089.0	5868.1

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

2019	2020	2021	2022	2023	2024	2025	2026
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---- 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	957	957	0.0	1518.7	2053.6	1823.8	1525.5	1856.7	1340.5	1582.0
RP1D_KP	962	962	893.3	854.3	890.0	752.8	788.2	696.3	804.0	793.1
RP2TR_KP	967	967	2101.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ML_KP50	996	996	1678.2	1670.0	1477.4	1362.5	1331.9	1144.3	1350.3	1336.3
ML_KP50	997	997	1426.3	1591.4	1619.7	1114.3	1195.9	1267.8	1075.7	1207.3
TOTAL AIR BASIN EMISSIONS			6098.9	5634.5	6040.8	5053.4	4841.5	4965.1	4570.6	4918.6
TOTAL SYSTEM EMISSIONS			6098.9	5634.5	6040.8	5053.4	4841.5	4965.1	4570.6	4918.6

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

2027	2028	2029	2030	2031	2032	2033	2034
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---- 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	957	957	1796.4	1574.2	1684.1	1297.5	1399.6	1478.7	1200.9	1279.4
RP1D_KP	962	962	751.8	796.2	751.7	796.5	693.0	798.7	796.9	751.7
RP2TR_KP	967	967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ML_KP50	996	996	1137.2	1341.4	1336.7	1125.0	1326.1	1328.3	1102.2	1289.7
ML_KP50	997	997	1245.7	1077.6	1205.6	1205.1	1088.9	1227.3	1188.5	1054.3
TOTAL AIR BASIN EMISSIONS			4931.1	4789.4	4978.1	4424.1	4507.6	4833.0	4288.5	4375.0
TOTAL SYSTEM EMISSIONS			4931.1	4789.4	4978.1	4424.1	4507.6	4833.0	4288.5	4375.0

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

2035	2036	2037	2038	2039	2040
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---- 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	957	957	950.9	1032.0	1031.6	883.5	929.6	678.2	808.9	808.9
RP1D_KP	962	962	792.7	757.4	801.5	697.8	806.1	806.1	808.9	808.9
RP2TR_KP	967	967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ML_KP50	996	996	1256.1	1073.9	1256.0	1261.1	1082.0	1237.1	1237.1	1237.1
ML_KP50	997	997	1113.2	1148.6	1010.6	1110.7	1137.9	954.0	954.0	954.0
TOTAL AIR BASIN EMISSIONS			4112.8	4011.9	4099.8	3953.1	3955.6	3678.2	3678.2	3678.2
TOTAL SYSTEM EMISSIONS			4112.8	4011.9	4099.8	3953.1	3955.6	3678.2	3678.2	3678.2

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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
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---- AIR BASIN: AEP SYS ----

5A Output Summary.REP

NAME NUMBER INDEX

THERMAL UNITS

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	0.2	0.1	0.1	0.1	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	0.1	0.1	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	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2
CSVL 5+6	6	24	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.2
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	0.1	0.1	0.1	0.1	0.1	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	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	0.0	0.0	0.0	0.0	0.0	0.1	0.0
RP2D_KP	957	957	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2D_IM	958	958	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSV6_SCR	959	959	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSV5_SCR	960	960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP1D_KP	962	962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP1D_03	963	963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2TR_KP	967	967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2TR_IM	969	969	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ML_KP50	996	996	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ML_KP50	997	997	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	1.5	1.5	1.4	1.5	1.0	0.9	1.0	0.9	0.9
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL SYSTEM EMISSIONS	1.5	1.5	1.4	1.5	1.0	0.9	1.0	0.9	0.9

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

2019 2020 2021 2022 2023 2024 2025 2026

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

THERMAL UNITS

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	0.2	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

5A Output Summary.REP

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	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
MOUNT_ER	1	45	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
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	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
STUART	3	63	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
AMOS_AP	3	65	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
ZIMMER	1	70	0.1	0.1	0.0	0.0	0.0	0.1	0.1
RP2D_KP	957	957	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2D_IM	958	958	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSV6_SCR	959	959	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSV5_SCR	960	960	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP1D_KP	962	962	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP1D_03	963	963	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2TR_KP	967	967	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2TR_IM	969	969	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ML_KP50	996	996	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ML_KP50	997	997	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	0.9	0.7	0.7	0.6	0.6	0.6	0.6	0.6
TOTAL SYSTEM EMISSIONS	0.9	0.7	0.7	0.6	0.6	0.6	0.6	0.6

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

NAME	NUMBER	INDEX	2027	2028	2029	2030	2031	2032	2033	2034
---- AIR BASIN: AEPSPYS ----										
THERMAL UNITS										
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

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AEP EAST  
 GENERATION AND FUEL MODULE  
 EMISSIONS RELEASED REPORT

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

NAME	NUMBER	INDEX	2027	2028	2029	2030	2031	2032	2033	2034
---- AIR BASIN: AEPSPYS ----										
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	0.0	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

5A Output Summary.REP

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	957	957	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2D_IM	958	958	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSV6_SCR	959	959	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSV5_SCR	960	960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP1D_KP	962	962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP1D_03	963	963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2TR_KP	967	967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2TR_IM	969	969	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ML KP50	996	996	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ML KP50	997	997	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			0.6	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)  
AMOUNT RELEASED (TONS )

2035 2036 2037 2038 2039 2040

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

THERMAL UNITS

AMOS	1	1	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
AMOS OP	3	3	0.0	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	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	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
CARD 3	3	9	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
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	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
CSVL 5+6	6	24	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
GAVIN	2	28	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	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
MOUNT_ER	1	45	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
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
RPRUM_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	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
STUART	3	63	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
AMOS AP	3	65	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
ZIMMER	1	70	0.1	0.0	0.1	0.1	0.0	0.1	0.1
RP2D_KP	957	957	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP2D_IM	958	958	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSV6_SCR	959	959	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CSV5_SCR	960	960	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP1D_KP	962	962	0.0	0.0	0.0	0.0	0.0	0.0	0.0













































ENERGY TAKEN

GWH

243.0

5A Output Summary.REP  
243.0

[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]

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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)
	M1_5( 1)	M1_5( 1)	M1_5( 1)	M1_5( 1)	M1_5( 1)	M1_5( 1)	M1_5( 1)	M1_5( 1)
	M2_5( 1)	M2_5( 1)	M2_5( 1)	M2_5( 1)	M2_5( 1)	M2_5( 1)	M2_5( 1)	M2_5( 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)
	RP2T( 1)	RP2T( 1)	RP2T( 1)	RP2T( 1)	RP2T( 1)	RP2T( 1)	RP2T( 1)	RP2T( 1)

SA Output Summary.REP

	B1GC( 1)	B1GC( 1)	B1GC( 1)	B1GC( 1)	B1GC( 1)	B1GC( 1)	B1GC( 1)	B1GC( 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								
2019	TN4R( 1)	TN4R( 1)	TN4R( 1)	TN4R( 1)	TN4R( 1)	TN4R( 1)	TN4R( 1)	TN4R( 1)
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								
2022								
2023								
2024								
2025								
2026								
2027								
2028								
2029								
2030								
2031	BFCC( 1)	CCKP( 1)	CTKP( 4)	CCKP( 1)	CCKP( 1)	CTKP( 4)	CCKP( 1)	CTKP( 4)
2032								
2033								
2034								
2035								
2036			CTKP( 4)			BFCC( 1)		CCK2( 1)
2037								
2038								
2039		CTKP( 4)		CCKP( 1)	BFCC( 1)		CCK2( 1)	
2040								

P.V. UTILITY COST:								
PLANNING PERIOD	83343488.0	83357712.0	83361688.0	83363328.0	83367488.0	83379544.0	83388536.0	83443656.0
% DIFFERENCE	0.00%	0.02%	0.02%	0.02%	0.03%	0.04%	0.05%	0.12%
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	83343488.0	83357712.0	83361688.0	83363328.0	83367488.0	83379544.0	83388536.0	83443656.0
% DIFFERENCE	0.00%	0.02%	0.02%	0.02%	0.03%	0.04%	0.05%	0.12%
PLANNING PERIOD RANK	1	2	3	4	5	6	7	8

STUDY PERIOD = PLANNING PERIOD + END EFFECTS PERIOD  
 ‡ 02/07/13 15:31:15 V04.0 R03.0

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AEP EAST  
 PROVIDE LEAST COST OPTIMIZATION SYSTEM  
 STUDY PERIOD PLAN COMPARISON

PLAN RANK		9
2011		
2012		
2013	CV3R( 1)	
2014	TC4T( 1)	
	M1_5( 1)	
	M2_5( 1)	
2015	BK6R( 1)	
	BS1R( 1)	
	BS2R( 1)	
	CR1R( 1)	
	CR2R( 1)	
	CR3R( 1)	
	GL5R( 1)	
	GL6R( 1)	
	KM1R( 1)	
	KM2R( 1)	
	KM3R( 1)	
	KN1R( 1)	
	KN2R( 1)	
	MR1R( 1)	
	MR2R( 1)	
	MR3R( 1)	
	MR4R( 1)	
	MR5R( 1)	
	PW5R( 1)	
	SP1R( 1)	
	SP2R( 1)	
	SP3R( 1)	
	SP4R( 1)	
	TN1R( 1)	
	TN2R( 1)	
	TN3R( 1)	
	RP2T( 1)	
	B1GC( 1)	
	RP2T( 1)	
	M5CC( 1)	
	CR1G( 1)	
	CR2G( 1)	
2016	RP3D( 1)	
	RP1P( 1)	
2017		
2018	TN4R( 1)	
2019		
2020	CV5D( 1)	
	CV6D( 1)	
	RP2Q( 1)	
	RP2P( 1)	
2021		
2022		
2023		
2024		
2025		
2026		
2027		
2028		
2029		

5A Output Summary.REP

2030  
2031  
2032 CCK2( 1)  
2033  
2034  
2035  
2036  
2037  
2038  
2039  
2040

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P. V. UTILITY COST:  
PLANNING PERIOD 83484608.0  
% DIFFERENCE 0.17%  
END EFFECTS PERIOD 0.0  
% DIFFERENCE 0.00%  
STUDY PERIOD 83484608.0  
% DIFFERENCE 0.17%  
PLANNING PERIOD RANK 9

STUDY PERIOD = PLANNING PERIOD + END EFFECTS PERIOD