

W21 – Amortization of Deferred IGCC Costs

Journal ID	Account	Dept	Monetary Amount	Journal Line Description	Descr	Year	Period	Unit	Project	W/O	Cost Com P
APACC36116	1830000	12504	3,232.70	Accounts Payable Accrual	Accounts Payable Accrual	2,006	6	117	ETSNEWGEN	4066139301	260
OAAIGCCADJ	1830000	12504	88,020.41	Prelimin Surv&Investgtn Chrgs	To allocate Feasibility Study	2,013	1	117	ETSNEWGEN	4066139301	260
OAAIGCCGB2	1830000	99900	64,856.00	RECLASS IGCC COST	PREPARE ENTRIES NECESSARY TO R	2,011	8	117	ETSNEWGEN	4066139301	999
SCBBIL0482	1830000	99900	53.17	AEPSC Bill - Services Rendered	AEPSC Bill - Services Rendered	2,008	7	117	ETSNEWGEN	SPNGCOST01	780
SCBBIL1622	1830000	99900	3,068.07	AEPSC Bill - Services Rendered	AEPSC Bill - Services Rendered	2,006	3	117	ETSNEWGEN	4066139301	780
SCBBIL1755	1830000	99900	-42,002.19	AEPSC Bill - Services Rendered	AEPSC Bill - Services Rendered	2,006	8	117	ETSNEWGEN	4066139301	780
SCBBIL2390	1830000	99900	811.06	AEPSC Bill - Services Rendered	AEPSC Bill - Services Rendered	2,006	4	117	ETSNEWGEN	4066139301	780
SCBBIL2571	1830000	99900	19.83	AEPSC Bill - Services Rendered	AEPSC Bill - Services Rendered	2,008	4	117	ETSNEWGEN	SPNGCOST01	780
SCBBIL3187	1830000	99900	1,149,328.12	AEPSC Bill - Services Rendered	AEPSC Bill - Services Rendered	2,005	11	117	ETSNEWGEN	4066139301	780
SCBBIL3446	1830000	99900	77.68	AEPSC Bill - Services Rendered	AEPSC Bill - Services Rendered	2,008	8	117	ETSNEWGEN	SPNGCOST01	780
SCBBIL4344	1830000	99900	4,477.31	AEPSC Bill - Services Rendered	AEPSC Bill - Services Rendered	2,006	1	117	ETSNEWGEN	4066139301	780
SCBBIL4842	1830000	99900	192.80	AEPSC Bill - Services Rendered	AEPSC Bill - Services Rendered	2,006	5	117	ETSNEWGEN	4066139301	780
SCBBIL5046	1830000	99900	56,525.61	AEPSC Bill - Services Rendered	AEPSC Bill - Services Rendered	2,005	12	117	ETSNEWGEN	4066139301	780
SCBBIL5188	1830000	99900	-22.76	AEPSC Bill - Services Rendered	AEPSC Bill - Services Rendered	2,008	5	117	ETSNEWGEN	SPNGCOST01	780
SCBBIL5880	1830000	99900	-123.05	AEPSC Bill - Services Rendered	AEPSC Bill - Services Rendered	2,008	9	117	ETSNEWGEN	SPNGCOST01	780
SCBBIL6143	1830000	99900	137.65	AEPSC Bill - Services Rendered	AEPSC Bill - Services Rendered	2,007	3	117	ETSNEWGEN	4066139301	780
SCBBIL7200	1830000	99900	0.07	AEPSC Bill - Services Rendered	AEPSC Bill - Services Rendered	2,006	6	117	ETSNEWGEN	4066139301	780
SCBBIL7200	1830000	99900	856.72	AEPSC Bill - Services Rendered	AEPSC Bill - Services Rendered	2,006	6	117	ETSNEWGEN	4066139301	780
SCBBIL7200	1830000	99900	4.59	AEPSC Bill - Services Rendered	AEPSC Bill - Services Rendered	2,006	6	117	ETSNEWGEN	4066139301	780
SCBBIL7302	1830000	99900	0.16	AEPSC Bill - Services Rendered	AEPSC Bill - Services Rendered	2,006	6	117	ETSNEWGEN	4066139301	780
SCBBIL7302	1830000	99900	1,665.24	AEPSC Bill - Services Rendered	AEPSC Bill - Services Rendered	2,006	1	117	ETSNEWGEN	4066139301	780
SCBBIL7302	1830000	99900	9.89	AEPSC Bill - Services Rendered	AEPSC Bill - Services Rendered	2,006	1	117	ETSNEWGEN	4066139301	780
SCBBIL8285	1830000	99900	13.18	AEPSC Bill - Services Rendered	AEPSC Bill - Services Rendered	2,008	6	117	ETSNEWGEN	SPNGCOST01	780
SCBBIL8494	1830000	99900	36.82	AEPSC Bill - Services Rendered	AEPSC Bill - Services Rendered	2,006	2	117	ETSNEWGEN	4066139301	780
SCBBIL9383	1830000	99900	14.73	AEPSC Bill - Services Rendered	AEPSC Bill - Services Rendered	2,008	10	117	ETSNEWGEN	SPNGCOST01	780
			1,331,253.81								

W22 – Amortization of Deferred Carbon Capture Costs

KPCo CC FEED Study
 Cost Summary
 September 30, 2014

Unit	Account	Year	Period	Journal ID	Long Descr	W/O	Unit IU	Sum Amount
117	1823306	2,011	7	OAAFEED	TO RECORD FRONT END ENGINEERING & DESIGN (FEED) FOR CARBON CAPTURE & STORAGE TO GENERATING UNITS BENEFITING FROM CARBON CAPTURE.	G0000117	215	196,377.24
117	1823306	2,011	7	OAAFEED	TO RECLASSIFY JUNE 2011 OAAFEED ENTRY - FRONT END ENGINEERING & DESIGN (FEED) FOR CARBON CAPTURE & STORAGE TO GENERATING UNITS BENEFITING FROM CARBON CAPTURE. RECLASS AFFECTS ACCOUNT AND COST COMPONENT	G0000117	215	1,230,048.90
117	1823306	2,011	8	OAAFEED	TO RECORD FRONT END ENGINEERING & DESIGN (FEED) FOR CARBON CAPTURE & STORAGE TO GENERATING UNITS BENEFITING FROM CARBON CAPTURE.	G0000117	215	136,114.58
117	1823306	2,011	9	OAAFEED	TO RECORD FRONT END ENGINEERING & DESIGN (FEED) FOR CARBON CAPTURE & STORAGE TO GENERATING UNITS BENEFITING FROM CARBON CAPTURE.	G0000117	215	-248,058.27
117	1823306	2,011	10	OAAFEED	TO RECORD FRONT END ENGINEERING & DESIGN (FEED) FOR CARBON CAPTURE & STORAGE TO GENERATING UNITS BENEFITING FROM CARBON CAPTURE.	G0000117	215	-59,781.96
117	1823306	2,011	11	OAAFEED	TO RECORD FRONT END ENGINEERING & DESIGN (FEED) FOR CARBON CAPTURE & STORAGE TO GENERATING UNITS BENEFITING FROM CARBON CAPTURE.	G0000117	215	-199,616.08
117	1823306	2,011	12	OAAFEED	TO RECORD FRONT END ENGINEERING & DESIGN (FEED) FOR CARBON CAPTURE & STORAGE TO GENERATING UNITS BENEFITING FROM CARBON CAPTURE.	G0000117	215	-149,956.71
117	1823306	2,012	1	OAAFEED	TO RECORD FRONT END ENGINEERING & DESIGN (FEED) FOR CARBON CAPTURE & STORAGE TO GENERATING UNITS BENEFITING FROM CARBON CAPTURE.	G0000117	215	654.43
117	1823306	2,012	2	OAAFEED	TO RECORD FRONT END ENGINEERING & DESIGN (FEED) FOR CARBON CAPTURE & STORAGE TO GENERATING UNITS BENEFITING FROM CARBON CAPTURE.	G0000117	215	-4,840.85
117	1823306	2,012	3	OAAFEED	TO RECORD FRONT END ENGINEERING & DESIGN (FEED) FOR CARBON CAPTURE & STORAGE TO GENERATING UNITS BENEFITING FROM CARBON CAPTURE.	G0000117	215	40.11
117	1823306	2,012	4	OAAFEED	TO RECORD FRONT END ENGINEERING & DESIGN (FEED) FOR CARBON CAPTURE & STORAGE TO GENERATING UNITS BENEFITING FROM CARBON CAPTURE.	G0000117	215	35.55
117	1823306	2,012	5	OAAFEED	TO RECORD FRONT END ENGINEERING & DESIGN (FEED) FOR CARBON CAPTURE & STORAGE TO GENERATING UNITS BENEFITING FROM CARBON CAPTURE.	G0000117	215	-29,105.21
117	1823306	2,012	6	OAAFEED	TO RECORD FRONT END ENGINEERING & DESIGN (FEED) FOR CARBON CAPTURE & STORAGE TO GENERATING UNITS BENEFITING FROM CARBON CAPTURE.	G0000117	215	2,125.36
117	1823306	2,012	7	OAAFEED	TO RECORD FRONT END ENGINEERING & DESIGN (FEED) FOR CARBON CAPTURE & STORAGE TO GENERATING UNITS BENEFITING FROM CARBON CAPTURE.	G0000117	215	17.36
117	1823306	2,012	8	OAAFEED	TO RECORD FRONT END ENGINEERING & DESIGN (FEED) FOR CARBON CAPTURE & STORAGE TO GENERATING UNITS BENEFITING FROM CARBON CAPTURE.	G0000117	215	24.37
117	1823306	2,012	9	OAAFEED	TO RECORD FRONT END ENGINEERING & DESIGN (FEED) FOR CARBON CAPTURE & STORAGE TO GENERATING UNITS BENEFITING FROM CARBON CAPTURE.	G0000117	215	1,017.27
117	1823306	2,012	10	OAAFEED	TO RECORD FRONT END ENGINEERING & DESIGN (FEED) FOR CARBON CAPTURE & STORAGE TO GENERATING UNITS BENEFITING FROM CARBON CAPTURE.	G0000117	215	-2,248.04
117	1823306	2,012	11	OAAFEED	TO RECORD FRONT END ENGINEERING & DESIGN (FEED) FOR CARBON CAPTURE & STORAGE TO GENERATING UNITS BENEFITING FROM CARBON CAPTURE.	G0000117	215	872,859.33

W23 – Amortization of Deferred CARRS Site Costs

CARRS SITE Project Cost Summary
 September 30, 2014

Item	Description	9/30/2014 Balance
1	Louis Frey - Reproduction for archived mylars	626
2	Magnetronics Control -heat balances mechanical flow diagrams, plot plans and electrical power one-lines were developed.	7,990
3	EIA - EIS consultant	99,611
4	ERT - air monitoring	82,561
5	Phillip Dunphy - design & engineering consultant work in the area of mechanical drawings	18,103
6	Dr. Shock archaeological consultant	175,455
7	Arthur Casagrande - foundation investigation	19,919
8	Richardson Corporation - cemetery relocation	16,200
9	Varix, Inc. technical & mechanical drawings	7,109
10	Sanderson & Porter - mechanical design & support studies for heat balances mechanical flow diagrams, plot plans.	9,857
11	Mitchell Dam Removal - removal of unsafe pond and dam.	152,476
12	Soil Systems -analysis of structures	8,148
13	Legal fees	387,664
14	AEP Service Corporation providing studies for future site development including cycle evaluations and plant layout	1,177,924
15	Affiliate charges providing study work.	131,308
16	Electric bills - air monitoring	2,275
17	Kentucky environmental reports - charges from AEPSC civil engineering and environmental for site evaluation and environmental information report writing.	322,711
		<u>2,619,937</u>

W24 – Amortization of Deferred Big Sandy FGD Costs

Kentucky Power Company
Summary by Major Cost Component
Preliminary Engineering Analyses Costs For Scrubbing Options On Big Sandy Unit 2
As of September 30, 2014

<u>Line</u>	<u>Description</u>	<u>Landfill (1)</u>	<u>WFGD</u>	<u>DFGD</u>	<u>Total</u>
1	Internal Labor	\$ 3,033	\$ 81,918	\$ 186,519	\$ 271,470
2	Outside Services	\$ 1,241,015	\$ 11,246,162	\$ 7,092,817	\$ 19,579,994
3	Service Corporation Charges	\$ 464,702	\$ 1,306,534	\$ 2,121,469	\$ 3,892,704
4	Overheads	\$ 562,893	\$ 921,489	\$ 2,690,744	\$ 4,175,126
5	Other	\$ 23,312	\$ 7,475	\$ 74,601	\$ 105,388
6	Total	<u>\$ 2,294,956</u>	<u>\$ 13,563,577</u>	<u>\$ 12,166,148</u>	<u>\$ 28,024,682</u>

(1) A Landfill would have been required for both the WFGD and DFGD.

W25 – Incentive Compensation Plan

Kentucky Power Company
Comprehensive Incentive Plan Adjustment by Account
For the Test Year Ended September 30, 2014

Annualized Payroll

Account	Amount		(973,508.00)
Transmission			(96,248.10)
5600	12,636.90	0.0988%	(962.14)
5620	100,200.88	0.7837%	(7,629.03)
5630	21,011.10	0.1643%	(1,599.73)
5660	171,619.30	1.3422%	(13,066.64)
5680	1,783.69	0.0140%	(135.81)
5690	1,862.25	0.0146%	(141.79)
5700	366,743.84	2.8683%	(27,922.92)
5710	447,457.13	3.4995%	(34,068.22)
5730	140,822.06	1.1014%	(10,721.82)
Distribution			(767,118.11)
5800	119,932.57	0.9380%	(9,131.35)
5820	127,017.40	0.9934%	(9,670.77)
5830	306,373.47	2.3961%	(23,326.47)
5840	14,825.87	0.1160%	(1,128.80)
5850	7,952.68	0.0622%	(605.50)
5860	391,285.06	3.0602%	(29,791.42)
5870	133,325.57	1.0427%	(10,151.06)
5880	2,106,168.26	16.4722%	(160,358.14)
5900	142.90	0.0011%	(10.88)
5910	221.70	0.0017%	(16.88)
5920	350,683.91	2.7427%	(26,700.16)
5930	3,967,615.06	31.0304%	(302,083.83)
5930	313,938.83	2.4553%	(23,902.48)
5930	1,139.98	0.0089%	(86.80)
5940	7,782.70	0.0609%	(592.55)
5950	39,720.02	0.3106%	(3,024.18)
5960	35,171.86	0.2751%	(2,677.89)
5970	50,982.97	0.3987%	(3,881.71)
5980	105,226.42	0.8230%	(8,011.66)
9010	226,402.56	1.7707%	(17,237.70)
9020	364,200.59	2.8484%	(27,729.28)
9030	742,539.81	5.8074%	(56,535.04)
9050	6,306.28	0.0493%	(480.14)
9070	68,749.44	0.5377%	(5,234.40)
9080	204,743.46	1.6013%	(15,588.63)
9080	382,450.57	2.9911%	(29,118.79)
9100	546.13	0.0043%	(41.58)
Administrative and General			(110,141.79)
9200	1,383,339.74	10.8190%	(105,323.87)
9210	1,836.39	0.0144%	(139.82)
9220	-475,249.00	-3.7169%	36,184.22
9230	-30.68	-0.0002%	2.34
9250	1,206.90	0.0094%	(91.89)
9260	5,008.88	0.0392%	(381.36)
9280	15,467.21	0.1210%	(1,177.63)
9301	283.22	0.0022%	(21.56)
9302	31,101.63	0.2432%	(2,368.00)
9350	483,654.81	3.7826%	(36,824.21)
Total	12,786,202.32	100.0000%	(973,508.00)
Trans	1,264,137.15		(96,248.10)
Dist	10,075,446.07		(767,118.11)
A&G	1,446,619.10		(110,141.79)
Total	12,786,202.32		-973,508.00

W26 – W30 – Annualization of Employee Related Expenses

Kentucky Power Company
 Payroll and Savings Plan Adjustment by Account
 For the Test Year Ended September 30, 2014

Account	Amount		Annualized Payroll	Savings Plan
			28,383.00	1,193.00
Transmission			2,806.15	117.95
5600	12,636.90	0.0988%	28.05	1.18
5620	100,200.88	0.7837%	222.43	9.35
5630	21,011.10	0.1643%	46.64	1.96
5660	171,619.30	1.3422%	380.96	16.01
5680	1,783.69	0.0140%	3.96	0.17
5690	1,862.25	0.0146%	4.13	0.17
5700	366,743.84	2.8683%	814.10	34.22
5710	447,457.13	3.4995%	993.27	41.75
5730	140,822.06	1.1014%	312.60	13.14
Distribution			22,365.62	940.08
5800	119,932.57	0.9380%	266.23	11.19
5820	127,017.40	0.9934%	281.96	11.85
5830	306,373.47	2.3961%	680.09	28.59
5840	14,825.87	0.1160%	32.91	1.38
5850	7,952.68	0.0622%	17.65	0.74
5860	391,285.06	3.0602%	868.58	36.51
5870	133,325.57	1.0427%	295.96	12.44
5880	2,106,168.26	16.4722%	4,675.30	196.51
5900	142.90	0.0011%	0.32	0.01
5910	221.70	0.0017%	0.49	0.02
5920	350,683.91	2.7427%	778.45	32.72
5930	3,967,615.06	31.0304%	8,807.37	370.19
5930	313,938.83	2.4553%	696.89	29.29
5930	1,139.98	0.0089%	2.53	0.11
5940	7,782.70	0.0609%	17.28	0.73
5950	39,720.02	0.3106%	88.17	3.71
5960	35,171.86	0.2751%	78.08	3.28
5970	50,982.97	0.3987%	113.17	4.76
5980	105,226.42	0.8230%	233.58	9.82
9010	226,402.56	1.7707%	502.57	21.12
9020	364,200.59	2.8484%	808.46	33.98
9030	742,539.81	5.8074%	1,648.30	69.28
9050	6,306.28	0.0493%	14.00	0.59
9070	68,749.44	0.5377%	152.61	6.41
9080	204,743.46	1.6013%	454.49	19.10
9080	382,450.57	2.9911%	848.97	35.68
9100	546.13	0.0043%	1.21	0.05
Administrative and General			3,211.23	134.97
9200	1,383,339.74	10.8190%	3,070.76	129.07
9210	1,836.39	0.0144%	4.08	0.17
9220	-475,249.00	-3.7169%	(1,054.96)	(44.34)
9230	-30.68	-0.0002%	(0.07)	(0.00)
9250	1,206.90	0.0094%	2.68	0.11
9260	5,008.88	0.0392%	11.12	0.47
9280	15,467.21	0.1210%	34.33	1.44
9301	283.22	0.0022%	0.63	0.03
9302	31,101.63	0.2432%	69.04	2.90
9350	483,654.81	3.7826%	1,073.62	45.13
Total	12,786,202.32	100.0000%	28,383.00	1,193.00
Trans	1,264,137.15		2,806.15	117.95
Dist	10,075,446.07		22,365.62	940.08
A&G	1,446,619.10		3,211.23	134.97
Total	12,786,202.32		28,383.00	1,193.00

W33 – Amortization of Mitchell Plant Costs

W31 – Remove Big Sandy Generation Expense

GLR6200P	Rpt ID: GLR2100V	Layout: GLR2100V	TWELVE MONTHS ENDED				Page 14 of 53
117	V2014-09-30	Acct PRPT_ACCOUNT BU 117	2014	Big Sandy	Mitchell	Other	Notes
5010000	Fuel		1,577,061.53	423,784.13	1,153,277.40	0.00	
5010001	Fuel Consumed		226,716,449.50	0.00	0.00	226,716,449.50	1
5010003	Fuel - Procure Unload & Handle		9,044,658.63	6,096,414.16	2,948,244.47	0.00	
5010005	Fuel - Deferred		(14,572,129.37)	0.00	0.00	(14,572,129.37)	1
5010012	Ash Sales Proceeds		(10,816.99)	0.00	(10,816.99)	0.00	
5010013	Fuel Survey Activity		(77,282.66)	0.00	0.00	(77,282.66)	1
5010019	Fuel Oil Consumed		5,821,070.44	0.00	0.00	5,821,070.44	1
5010027	Gypsum handling/disposal costs		325,319.38		325,319.38	0.00	2
5010028	Gypsum Sales Proceeds		(563,041.96)	0.00	(563,041.96)	0.00	2
5010029	Gypsum handling/displ-Affiliat		138,374.67		138,374.67	0.00	2
	Fuel - Steam Power		228,399,663.17	6,520,198.29	3,991,356.97	217,888,107.91	
5550000	Purchased Power		269.90			269.90	3
5550001	Purch Pwr-NonTrading-Nonassoc		837,494.71			837,494.71	3
5550032	Gas-Conversion-Mone Plant		57,269.19			57,269.19	3
5550039	PJM Inadvertent Mtr Res-OSS		(66,032.53)			(66,032.53)	3
5550040	PJM Inadvertent Mtr Res-LSE		(42,077.37)			(42,077.37)	3
5550041	PJM Ancillary Serv.-Sync		5,610.88			5,610.88	3
5550074	PJM Reactive-Charge		(10,124.84)			(10,124.84)	3
5550075	PJM Reactive-Credit		28,425.57			28,425.57	3
5550076	PJM Black Start-Charge		2,003,256.43			2,003,256.43	3
5550077	PJM Black Start-Credit		(3,073.37)			(3,073.37)	3
5550078	PJM Regulation-Charge		1,914,421.29			1,914,421.29	3
5550079	PJM Regulation-Credit		(434,775.46)			(434,775.46)	3
5550080	PJM Hourly Net Purch.-FERC		31,065,285.82			31,065,285.82	3
5550083	PJM Spinning Reserve-Charge		1,381,828.02			1,381,828.02	3
5550084	PJM Spinning Reserve-Credit		(340,677.12)			(340,677.12)	3
5550090	PJM 30m Suppl Rserv Charge LSE		382,926.03			382,926.03	3
5550093	Peak Hour Avail charge - LSE		(67,132.98)			(67,132.98)	3
5550094	Purchased Power - Fuel		128,093.29			128,093.29	3
5550099	PJM Purchases-non-ECR-Auction		2,098,111.33			2,098,111.33	3
5550100	Capacity Purchases-Auction		118,556.24			118,556.24	3
5550101	Purch Power-Pool Non-Fuel -Aff		3,540,384.00			3,540,384.00	3
5550102	Pur Power-Pool NonFuel-OSS-Aff		13,605,641.43			13,605,641.43	3
5550107	Capacity purchases - Trading		248,187.23			248,187.23	3
	Purchased Power NonAffiliated		56,451,867.69	0.00	0.00	56,451,867.69	
5550004	Purchased Power-Pool Capacity		7,925,179.00			7,925,179.00	3
5550005	Purchased Power - Pool Energy		22,134,276.00			22,134,276.00	3
5550027	Purch Pwr-Non-Fuel Portion-Aff		49,399,362.00			49,399,362.00	3
5550046	Purch Power-Fuel Portion-Affil		68,821,840.62			68,821,840.62	3
	Purchased Power Affiliated		148,280,657.62	0.00	0.00	148,280,657.62	
4010001	Operation Exp - Nonassociated		(0.01)			(0.01)	
4111005	Accretion Expense		728,945.58			728,945.58	4
5000000	Oper Supervision & Engineering		3,295,535.38	2,006,003.32	1,289,532.06	0.00	
5000001	Oper Super & Eng-RATA-Affil		52,712.24	37,962.24	14,750.00	0.00	
5020000	Steam Expenses		2,119,388.81	993,424.59	1,125,964.22	0.00	
5020002	Urea Expense		4,386,187.74	2,881,598.87	1,504,588.87	0.00	
5020003	Trona Expense		266,029.73		266,029.73	0.00	
5020004	Limestone Expense		3,011,044.44		3,011,044.44	0.00	
5020005	Polymer expense		68,695.97	0.00	68,695.97	0.00	
5020007	Lime Hydrate Expense		13,539.62	43.96	13,495.66	0.00	
5050000	Electric Expenses		465,369.39	465,366.72	2.67	(0.00)	
5060000	Misc Steam Power Expenses		7,119,189.94	4,770,840.29	2,348,349.65	0.00	
5060001	Dresden Misc Steam Pwr Exp		4.40	0.00	0.00	4.40	
5060002	Misc Steam Power Exp-Assoc		50,208.23	25,520.00	24,688.23	0.00	
5060003	Removal Cost Expense - Steam		(74,926.45)	0.00	0.00	(74,926.45)	5
5060004	NSR Settlement Expense		(20,867.68)	0.00	0.00	(20,867.68)	
5060025	Misc Stm Pwr Exp Environmental		(9.22)	(4.63)	(4.59)	0.00	
5090000	Allow Consum Title IV SO2		8,259,092.79	6,240,091.30	309,215.98	1,709,785.51	
5090001	Allowance Consumption - NOx		33,844.03	16,010.51	6,715.91	11,117.61	
5090005	An. NOx Cons. Exp		107,402.17	52,869.80	18,973.40	35,558.97	
5560000	Sys Control & Load Dispatching		419,166.89	181,750.76	132,289.07	105,127.06	
5570000	Other Expenses		1,623,712.56	704,041.77	512,443.68	407,227.11	
5600000	Oper Supervision & Engineering		6,626.70	0.00	0.00	6,626.70	
5612000	Load Dispatch-Mntr&Op TransSys		135.07	0.00	0.00	135.07	3
5614000	PJM Admin-SSC&DS-OSS		472,517.40	0.00	0.00	472,517.40	3
5614001	PJM Admin-SSC&DS-Internal		626,172.12	0.00	0.00	626,172.12	3
5614007	RTO Admin Default LSE.		3,052.68	0.00	0.00	3,052.68	3
5614008	PJM Admin Defaults OSS		2,417.32	0.00	0.00	2,417.32	3
5615000	Reliability,Plng&Stds Develop		10,366.83	0.00	0.00	10,366.83	3

GLR6200P 117	Rpt ID: GLR2100V V2014-09-30	Layout: GLR2100V Acct PRPT_ACCOUNT BU 117	TWELVE MONTHS ENDED			Page 15 of 53	Notes
			2014	Big Sandy	Mitchell	Other	
5618000	PJM Admin-RP&SDS-OSS		113,053.46	0.00	0.00	113,053.46	3
5618001	PJM Admin-RP&SDS- Internal		149,196.42	0.00	0.00	149,196.42	3
5650002	Transmssn Elec by Others-NAC		181,852.20	0.00	0.00	181,852.20	3
5650012	PJM Trans Enhancement Charge		3,976,612.18	0.00	0.00	3,976,612.18	3
5650015	PJM TO Serv Exp - Aff		41,136.65	0.00	0.00	41,136.65	3
5650016	PJM NITS Expense - Affiliated		5,140,478.31	0.00	0.00	5,140,478.31	3
5650019	Affil PJM Trans Enhncement Exp		355,174.36	0.00	0.00	355,174.36	3
5650020	PROVISION RTO Affl Expense		828,987.70	0.00	0.00	828,987.70	3
5660000	Misc Transmission Expenses		11,291.92	0.00	0.00	11,291.92	
5757000	PJM Admin-MAM&SC- OSS		510,751.29	0.00	0.00	510,751.29	3
5757001	PJM Admin-MAM&SC- Internal		688,222.78	0.00	0.00	688,222.78	3
5800000	Oper Supervision & Engineering		4,274.86	0.00	0.00	4,274.86	
5830000	Overhead Line Expenses		(91.31)	0.00	0.00	(91.31)	
5840000	Underground Line Expenses		125.98	0.00	0.00	125.98	
5860000	Meter Expenses		1,007.52	0.00	0.00	1,007.52	
5880000	Miscellaneous Distribution Exp		17,205.76	0.00	0.00	17,205.76	
9010000	Supervision - Customer Accts		54.26	0.00	0.00	54.26	
9020000	Meter Reading Expenses		326.15	0.00	0.00	326.15	
9020001	Customer Card Reading		166.93	0.00	0.00	166.93	
9030000	Cust Records & Collection Exp		192.38	0.00	0.00	192.38	
9030001	Customer Orders & Inquiries		746.88	0.00	0.00	746.88	
9030002	Manual Billing		19.21	0.00	0.00	19.21	
9030004	Cashiering		105.80	0.00	0.00	105.80	
9030006	Credit & Oth Collection Activi		48.76	0.00	0.00	48.76	
9030009	Data Processing		9.17	0.00	0.00	9.17	
9070000	Supervision - Customer Service		5.53	0.00	0.00	5.53	
9070001	Supervision - DSM		(0.53)	0.00	0.00	(0.53)	
9080000	Customer Assistance Expenses		(14.67)	0.00	0.00	(14.67)	
9080009	Cust Assistance Expense - DSM		983.08	0.00	0.00	983.08	
9090000	Information & Instruct Advtis		53,078.52	0.00	0.00	53,078.52	
9100000	Misc Cust Svc&Informational Ex		18,750.67	0.00	0.00	18,750.67	
9200000	Administrative & Gen Salaries		3,518,558.32	2,411,354.74	1,107,203.58	0.00	
9210001	Off Supl & Exp - Nonassociated		204,417.07	148,492.41	55,924.66	0.00	
9210003	Office Supplies & Exp - Trnsf		3.68	2.12	1.56	0.00	
9230001	Outside Svcs Empl - Nonassoc		710,943.48	636,934.41	74,009.07	0.00	
9230003	AEPSC Billed to Client Co		137,787.69	108,287.88	29,499.81	0.00	
9240000	Property Insurance		152,648.35	114,966.15	37,682.20	0.00	
9250000	Injuries and Damages		287,268.74	195,999.29	91,269.45	0.00	
9250001	Safety Dinners and Awards		1,506.46	929.07	577.39	0.00	
9250002	Emp Accident Prvntion-Adm Exp		2,156.85	1,348.99	807.86	0.00	
9250004	Injuries to Employees		4,464.22	4,464.22	0.00	0.00	
9250006	Wrkrs Cmpnsth Pre&Sif Ins Prv		37,350.29	49,277.01	(11,926.72)	(0.00)	
9250007	Prsnal Injries&Prop Dmage-Pub		84,391.03	67,277.57	17,113.46	0.00	
9250010	Frg Ben Loading - Workers Comp		(11,335.93)	(10,450.57)	(885.36)	0.00	
9260001	Edit & Print Empl Pub-Salaries		8,692.19	5,284.26	3,407.93	0.00	
9260002	Pension & Group Ins Admin		15,900.00	15,900.00	0.00	0.00	
9260003	Pension Plan		2,180,313.75	1,721,504.88	458,808.88	(0.00)	
9260004	Group Life Insurance Premiums		68,124.53	39,038.80	29,085.73	0.00	
9260005	Group Medical Ins Premiums		1,895,833.54	1,084,076.28	811,757.26	0.00	
9260007	Group L-T Disability Ins Prem		4,132.10	2,167.59	1,964.51	0.00	
9260009	Group Dental Insurance Prem		74,367.07	44,659.97	29,707.10	0.00	
9260010	Training Administration Exp		346.70	261.96	84.74	0.00	
9260012	Employee Activities		773.71	485.95	287.76	0.00	
9260014	Educational Assistance Pmts		455.25	455.25	0.00	0.00	
9260019	Employee Benefit Exp - COLI		10,000.00	10,000.00	0.00	0.00	
9260021	Postretirement Benefits - OPEB		(1,371,530.38)	(1,145,007.49)	(226,522.89)	(0.00)	
9260027	Savings Plan Contributions		922,750.52	526,125.95	396,624.57	0.00	
9260040	SFAS 112 Postemployment Benef		433,979.36	433,979.36	0.00	0.00	
9260050	Frg Ben Loading - Pension		(345,625.66)	(251,729.93)	(93,895.73)	0.00	
9260051	Frg Ben Loading - Grp Ins		(380,740.49)	(272,710.86)	(108,029.63)	0.00	
9260052	Frg Ben Loading - Savings		(185,373.57)	(128,880.49)	(56,493.08)	0.00	
9260053	Frg Ben Loading - OPEB		46,282.99	35,048.23	11,234.76	0.00	
9260055	IntercoFringeOffset		(909,574.31)	(909,574.31)	0.00	0.00	
9260057	Postret Ben Medicare Subsidy		299,762.15	240,221.16	59,540.99	0.00	
9260058	Frg Ben Loading - Accrual		(37,462.52)	(16,940.41)	(20,522.11)	0.00	
9260060	Amort-Post Retirement Benefit		71,206.56	71,206.56	0.00	0.00	
9280000	Regulatory Commission Exp		25,301.45	21,014.54	4,286.91	0.00	
9280001	Regulatory Commission Exp-Adm		0.02	0.03	(0.01)	0.00	
9280002	Regulatory Commission Exp-Case		99,437.17	66,469.68	32,967.49	0.00	
9301000	General Advertising Expenses		1,630.27	1,478.16	152.11	0.00	
9301001	Newspaper Advertising Space		4,415.19	2,732.97	1,682.22	0.00	

GLR6200P	Rpt ID	Layout	TWELVE MONTHS ENDED				Page 16 of 53
117	V2014-09-30	Acct. PRPT_ACCOUNT BU 117	2014	Big Sandy	Mitchell	Other	Notes
9301002		Radio Station Advertising Time	1,841.20	1,069.52	771.68	0.00	
9301003		TV Station Advertising Time	711.43	711.43	0.00	0.00	
9301010		Publicity	1,150.31	705.53	444.78	0.00	
9301015		Other Corporate Comm Exp	3,750.04	2,918.75	831.29	0.00	
9302000		Misc General Expenses	60,850.71	44,990.05	15,860.66	0.00	
9302003		Corporate & Fiscal Expenses	15,530.45	1,508.93	14,021.52	0.00	
9302007		Assoc Business Development Exp	30.87	5.20	25.67	0.00	
9302458		AEPSC Non Affiliated expenses	6.56	6.56	0.00	0.00	
9310002		Rents - Personal Property	66,344.50	48,349.06	17,995.44	0.00	
		Operations	53,353,080.80	23,801,935.91	13,434,132.46	16,117,012.43	
5100000		Maint Supv & Engineering	3,238,998.29	2,267,158.09	971,840.20	0.00	
5110000		Maintenance of Structures	1,738,412.82	1,249,934.71	488,478.11	0.00	
5120000		Maintenance of Boiler Plant	14,797,981.80	8,685,970.87	6,112,010.93	0.00	
5130000		Maintenance of Electric Plant	1,139,393.84	(187,823.96)	1,327,217.80	0.00	
5140000		Maintenance of Misc Steam Plt	1,240,452.21	783,906.67	456,545.54	0.00	
5680000		Maint Supv & Engineering	4.51	0.00	0.00	4.51	
5691000		Maint of Computer Hardware	(35.98)	0.00	0.00	(35.98)	
5692000		Maint of Computer Software	1.41	0.00	0.00	1.41	
5700000		Maint of Station Equipment	1.08	0.00	0.00	1.08	
5710000		Maintenance of Overhead Lines	65.80	0.00	0.00	65.80	
5730000		Maint of Misc Trnsmssion Plt	40.91	0.00	0.00	40.91	
5920000		Maint of Station Equipment	50.55	0.00	0.00	50.55	
5930000		Maintenance of Overhead Lines	2,585.05	0.00	0.00	2,585.05	
9350001		Maint of Structures - Owned	(289.47)	(295.63)	6.16	0.00	
9350002		Maint of Structures - Leased	1,074.98	622.27	452.71	0.00	
9350003		Maint of Prprty Held Fture Use	453.63	263.23	190.40	0.00	
9350012		Maint of Data Equipment	345.83	0.00	345.83	0.00	
9350013		Maint of Cmmncation Eq-Unall	58,196.60	38,059.28	20,137.32	0.00	
9350015		Maint of Office Furniture & Eq	221,314.85	140,308.98	81,005.87	0.00	
9350019		Maint of Gen Plant-SCADA Equ	7.09	6.15	0.94	0.00	
9350023		Site Communications Services	286.39	0.00	286.39	0.00	
		Maintenance	22,439,342.19	12,978,110.66	9,458,518.20	2,713.33	
		Total Operations and Maintenance	508,924,611.47	43,300,244.86	26,884,007.63	438,740,358.98	
4030001		Depreciation Exp	46,946,205.48			46,946,205	4
4031001		Depr - Asset Retirement Oblig	365,154.42			365,154	4
		Depreciation	47,311,359.90	0	0	47,311,360	
4040001		Amort. of Plant	1,311,413.11			1,311,413	4
		Amortization of Electrical Plant - 403	1,311,413.11			1,311,413.11	
		Amortization of Other Electric Plant - 404	0.00				
		Amortization of Electric Plant Acq Adj - 4	0.00				
		Amortization of Property Losses - 407	0.00				
		Amortization of Reg Debits and Credits	0.00				
		Amortization	1,311,413.11	0	0	1,311,413.11	
		Depreciation and Amortization	48,622,773.01	0	0	48,622,773.01	
4081002		FICA	1,708,770.96	1,009,259.16	699,511.80	0.00	
4081003		Federal Unemployment Tax	17,113.89	12,256.25	4,857.64	0.00	
408100510		Real Personal Property Taxes	145.79	145.79	0.00	0.00	
408100511		Real Personal Property Taxes	(1,999.91)	(1,999.91)	0.00	0.00	
408100512		Real Personal Property Taxes	1,661,982.02	231,982.02	1,430,000.00	0.00	
408100513		Real Personal Property Taxes	1,326,323.32	676,487.32	649,836.00	0.00	
408100613		State Gross Receipts Tax	(5,546.00)	0.00	0.00	(5,546.00)	3
408100614		State Gross Receipts Tax	38,928.00	0.00	0.00	38,928.00	3
4081007		State Unemployment Tax	40,257.59	19,447.04	20,810.55	0.00	
408100812		State Franchise Taxes	(2,156.00)	0.00	0.00	(2,156.00)	3
408101414		Federal Excise Taxes	3,744.46	0.00	0.00	3,744.46	
408101900		State Sales and Use Taxes	(175,575.00)	0.00	0.00	(175,575.00)	3
408101912		State Sales and Use Taxes	119,077.55	0.00	0.00	119,077.55	3
408102014		State Business Occup Taxes	2,979,427.77	0.00	2,979,427.77	0.00	6
408102913		Real-Pers Prop Tax-Cap Leases	2,254.16	2,254.16	0.00	0.00	
408102914		Real-Pers Prop Tax-Cap Leases	1,437.50	1,437.50	0.00	0.00	
4081033		Fringe Benefit Loading - FICA	(330,553.16)	(229,982.28)	(100,570.88)	0.00	
4081034		Fringe Benefit Loading - FUT	(2,710.95)	(1,848.20)	(862.75)	0.00	
4081035		Fringe Benefit Loading - SUT	(9,152.73)	(6,133.67)	(3,019.06)	0.00	
		Taxes Other Than Income Taxes	7,371,769.26	1,713,305.18	5,679,991.07	(21,526.99)	
409100211		Income Taxes UOI - State	0.00			0.00	
409100212		Income Taxes UOI - State	(200,362.81)			(200,362.81)	
409100213		Income Taxes UOI - State	1,178,739.19			1,178,739.19	
409100214		Income Taxes UOI - State	3,215,043.16			3,215,043.16	
4111002		Prv Def I/T-Cr UtilOplnc-State	(458,640.00)			(458,640.00)	
		State, Local and Foreign Income Taxes	3,734,779.54	0.00	0.00	3,734,779.54	

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			2014	Big Sandy	Mitchell	Other	Notes
4091001		Income Taxes, UOI - Federal	21,478,515.73			21,478,515.73	
4101001		Prov Def I/T Util Op Inc-Fed	39,214,195.10			39,214,195.10	
4111001		Prv Def I/T-Cr Util Op Inc-Fed	(37,911,881.70)			(37,911,881.70)	
4114001		ITC Adj, Utility Oper - Fed	(30,110.16)			(30,110.16)	
		Federal Income Taxes	22,750,718.97	0.00	0.00	22,750,718.97	
		Total Operating Expenses	591,404,652.25	45,013,550.04	32,563,998.70	513,827,103.51	

Source of Mitchell O&M Costs

Amounts Billed through Joint Books	20,119,504	WP-10
Amounts directly assigned in account 5010003	2,948,244	WP-20
Amounts allocated based on allowance consumption in Acct 509	334,905	WP-30
Dispatching costs allocated	644,733	WP-40
Account 926 calculated	291,827	WP-50
Consumables allocated based on consumption	4,781,663	WP-60
Account 5010027 and 5010029 directly assigned to Mitchell	463,694	
Account 408 directly assigned to KYPCo Mitchell	2,979,428	
	<u>32,563,998.00</u>	

Notes:

1. Accounts are subject to the fuel clause and included in the fuel synchronization adjustment.
2. Directly assigned to Mitchell as Gypsum is related to Mitchell environmental equipment only.
3. Accounts are not applicable to Big Sandy or Mitchell O&M.
4. Subject to separate depreciation and accretion adjustments.
5. Account is not used by regulated jurisdictions.
6. Directly assigned to KPCo as WV B&O tax only relates to Mitchell

Kentucky Power Company
 Summary of Mitchell Joint Billings
 Test Year Ended September 30, 2014

KIUC_1_17_Attachment 66
 WP-10

Account	Total Mitchell	Billed to AGR	KPCO Mitchell
4081002	1,399,023.76	699,511.96	699,511.80
4081003	9,715.32	4,857.68	4,857.64
408100512	2,860,000.00	1,430,000.00	1,430,000.00
408100513	1,299,672.00	649,836.00	649,836.00
4081007	41,621.19	20,810.64	20,810.55
4081033	(201,141.86)	(100,570.98)	(100,570.88)
4081034	(1,725.62)	(862.87)	(862.75)
4081035	(6,038.24)	(3,019.18)	(3,019.06)
5000000	2,579,070.94	1,289,538.88	1,289,532.06
5000001	29,500.00	14,750.00	14,750.00
5010000	2,326,606.22	1,173,328.82	1,153,277.40
5010012	(21,790.89)	(10,973.90)	(10,816.99)
5010028	(1,137,002.97)	(573,961.01)	(563,041.96)
5020000	2,279,685.58	1,153,721.36	1,125,964.22
5020005	139,314.25	70,618.28	68,695.97
5020007	27,622.79	14,127.13	13,495.66
5050000	5.37	2.70	2.67
5060000	4,696,725.16	2,348,375.51	2,348,349.65
5060002	49,376.55	24,688.32	24,688.23
5060025	(9.18)	(4.59)	(4.59)
5100000	1,943,688.84	971,848.64	971,840.20
5110000	976,963.69	488,485.58	488,478.11
5120000	12,229,646.03	6,117,635.10	6,112,010.93
5130000	2,655,157.18	1,327,939.38	1,327,217.80
5140000	913,097.04	456,551.50	456,545.54
9200000	2,214,426.40	1,107,222.82	1,107,203.58
9210001	111,854.02	55,929.36	55,924.66
9210003	3.14	1.58	1.56
9230001	148,020.89	74,011.82	74,009.07
9230003	58,999.83	29,500.02	29,499.81
9240000	75,364.40	37,682.20	37,682.20
9250000	182,538.92	91,269.47	91,269.45
9250001	1,154.84	577.45	577.39
9250002	1,615.77	807.91	807.86
9250006	(23,853.46)	(11,926.74)	(11,926.72)
9250007	34,227.04	17,113.58	17,113.46
9250010	(1,770.79)	(885.43)	(885.36)
9260001	6,815.97	3,408.04	3,407.93
9260004	58,171.51	29,085.78	29,085.73
9260005	1,623,514.56	811,757.30	811,757.26
9260007	3,929.07	1,964.56	1,964.51
9260009	59,414.24	29,707.14	29,707.10
9260010	169.54	84.80	84.74
9260012	575.60	287.84	287.76
9260027	793,249.30	396,624.73	396,624.57
9260050	(187,791.55)	(93,895.82)	(93,895.73)
9260051	(216,059.38)	(108,029.75)	(108,029.63)
9260052	(112,986.27)	(56,493.19)	(56,493.08)
9260053	22,469.59	11,234.83	11,234.76
9260058	(41,044.23)	(20,522.12)	(20,522.11)

Kentucky Power Company
Summary of Mitchell Joint Billings
Test Year Ended September 30, 2014

KIUC_1_17_Attachment 66
WP-10

Account	Total Mitchell	Billed to AGR	KPCO Mitchell
9280000	8,573.82	4,286.91	4,286.91
9280001	(0.03)	(0.02)	(0.01)
9280002	65,935.53	32,968.04	32,967.49
9301000	304.22	152.11	152.11
9301001	3,364.48	1,682.26	1,682.22
9301002	1,543.47	771.79	771.68
9301010	889.65	444.87	444.78
9301015	1,662.67	831.38	831.29
9302000	31,721.35	15,860.69	15,860.66
9302003	28,043.13	14,021.61	14,021.52
9302007	51.35	25.68	25.67
9310002	35,991.54	17,996.10	17,995.44
9350001	12.37	6.21	6.16
9350002	905.43	452.72	452.71
9350003	380.80	190.40	190.40
9350012	691.69	345.86	345.83
9350013	40,275.71	20,138.39	20,137.32
9350015	162,011.91	81,006.04	81,005.87
9350019	1.90	0.96	0.94
9350023	572.82	286.43	286.39
Totals	40,284,725.91	20,165,221.56	20,119,504.35

Account 5010003
 Ledger Analysis
 12 Months Ended September 30, 2014

Line Descr	2,013	2,014	Grand Total
BIG SANDY U 1	251,032.74	1,353,967.24	1,604,999.98
BIG SANDY U 2	375,985.32	4,448,278.73	4,824,264.05
BIG SANDY UNIT 1	(104,343.55)	(20,008.27)	(124,351.82)
BIG SANDY UNIT 2	(167,242.75)	(41,255.30)	(208,498.05)
MITCH SURVEY HANDLING U1 KPCO		12,562.77	12,562.77
MITCH SURVEY HANDLING U2 KPCO		15,671.54	15,671.54
MITCHELL HANDLING UNIT 1 KPCO		1,328,008.38	1,328,008.38
MITCHELL HANDLING UNIT 2 KPCO		1,592,001.78	1,592,001.78
Grand Total	355,431.76	8,689,226.87	9,044,658.63

Account 5010003

2,948,244.47

Monthly Generation (MWh)
 KPCo - Generation
 12 Months Ended September 30, 2014

		Monthly Generation (MWh)							
		Big Sandy 1	Big Sandy 2	Mitchell 1 KP	Mitchell 2 KP	Rockport 1 KPAEG	Rockport 2 KPAEG	Total	
October	2013	16,734	-			87,972	129,627	234,332	
November	2013	35,583	286			113,853	126,399	276,121	
December	2013	124,779	255,015			137,910	135,072	652,776	
January	2014	141,915	469,235	139,495	219,535	135,241	128,673	1,234,094	
February	2014	154,971	425,614	52,281	249,044	94,746	95,240	1,071,896	
March	2014	149,784	146,071	180,246	250,451	143,800	138,629	1,008,980	
April	2014	78,200	399,940	217,935	150,979	109,938	90,024	1,047,016	
May	2014	64,783	314,113	155,948	161,318	-	137,998	834,160	
June	2014	115,113	459,003	138,199	211,280	103,458	112,324	1,139,377	
July	2014	65,054	400,591	194,125	238,477	86,104	116,565	1,100,916	
August	2014	132,666	453,066	225,262	153,146	120,579	95,147	1,179,866	
September	2014	22,752	187,765	221,451	198,317	114,532	114,793	859,610	
								-	
		1,102,334	3,510,699	1,524,941	1,832,547	1,248,133	1,420,491	10,639,146	
			4,613,033		3,357,488				
			43.36%		31.56%				
5560000		419,166.89	181,750.76		132,289.07				
5570000		1,623,712.56	704,041.77		512,443.68				
Total Allocated 556/557 to Mitchell					<u>644,732.75</u>				

Account 926
 Ledger Analysis
 12 Months Ended September 30, 2014

KIUC_1_17_Attachment 66
 WP-50

Year	Period	Unit	Account	Line Descr	Descr	Amount	W/O	Journal ID
				2014 FAS 87				
2014	1	117	9260003	ESTIMATE	Pension Plan	90,063.75	G0001267	GL0028
				2014 FAS 87				
2014	2	117	9260003	ESTIMATE	Pension Plan	90,063.75	G0001267	GL0028
				2014 FAS 87				
2014	3	117	9260003	ACTUAL	Pension Plan	105,355.75	G0000117	GL0028
				2014 FAS 87				
2014	4	117	9260003	ACTUAL	Pension Plan	105,355.75	G0000117	GL0028
				2014 FAS 87				
2014	5	117	9260003	ACTUAL	Pension Plan	105,355.75	G0000117	GL0028
				2014 FAS 87				
2014	6	117	9260003	ACTUAL	Pension Plan	105,355.75	G0000117	GL0028
				2014 FAS 87				
2014	7	117	9260003	ACTUAL	Pension Plan	105,355.75	G0000117	GL0028
				2014 FAS 87				
2014	8	117	9260003	ACTUAL	Pension Plan	105,355.75	G0000117	GL0028
				2014 FAS 87				
2014	9	117	9260003	ACTUAL	Pension Plan	105,355.75	G0000117	GL0028
						<u>917,617.75</u>		
				Cacluated Bill	A	458,808.88		

Year	Period	Unit	Account	Line Descr	Descr	Amount	W/O	Journal ID
					Postretirement			
2014	3	117	9260021	2014 NUMWA PRW (FAS106) ACT	Benefits - OPEB	(151,015.26)	G0000117	GL0067
					Postretirement			
2014	4	117	9260021	2014 NUMWA PRW (FAS106) ACT	Benefits - OPEB	(50,338.42)	G0000117	GL0067
					Postretirement			
2014	5	117	9260021	2014 NUMWA PRW (FAS106) ACT	Benefits - OPEB	(50,338.42)	G0000117	GL0067
					Postretirement			
2014	6	117	9260021	2014 NUMWA PRW (FAS106) ACT	Benefits - OPEB	(50,338.42)	G0000117	GL0067
					Postretirement			
2014	7	117	9260021	2014 NUMWA PRW (FAS106) ACT	Benefits - OPEB	(50,338.42)	G0000117	GL0067
					Postretirement			
2014	8	117	9260021	2014 NUMWA PRW (FAS106) ACT	Benefits - OPEB	(50,338.42)	G0000117	GL0067
					Postretirement			
2014	9	117	9260021	2014 NUMWA PRW (FAS106) ACT	Benefits - OPEB	(50,338.42)	G0000117	GL0067
						<u>(453,045.78)</u>		
				Calculated Bill	B	(226,522.89)		

Account 926
 Ledger Analysis
 12 Months Ended September 30, 2014

KIUC_1_17_Attachment 66
 WP-50

KPSC Case No. 2014-00396
 KIUC's First Set of Data Requests
 Dated January 29, 2015
 Item No. 17
 Attachment 58
 Page 24 of 53

Year	Period	Unit	Account	Line Descr	Descr	Amount	W/O	Journal ID	
2014	3	117	9260057	2014 RDS ACTUALS	Postret Ben Medicare Subsidy	39,693.99	G0000117	GL0068	
2014	4	117	9260057	2014 RDS ACTUALS	Postret Ben Medicare Subsidy	13,231.33	G0000117	GL0068	
2014	5	117	9260057	2014 RDS ACTUALS	Postret Ben Medicare Subsidy	13,231.33	G0000117	GL0068	
2014	6	117	9260057	2014 RDS ACTUALS	Postret Ben Medicare Subsidy	13,231.33	G0000117	GL0068	
2014	7	117	9260057	2014 RDS ACTUALS	Postret Ben Medicare Subsidy	13,231.33	G0000117	GL0068	
2014	8	117	9260057	2014 RDS ACTUALS	Postret Ben Medicare Subsidy	13,231.33	G0000117	GL0068	
2014	9	117	9260057	2014 RDS ACTUALS	Postret Ben Medicare Subsidy	13,231.33	G0000117	GL0068	
				Calculated Bill		<u>119,081.97</u>			
					C	59,540.99			
Total Mitchell 926						A+B+C	<u>291,826.97</u>		

	Mitchell Plant Consumption - 12 Months Total (October 2013 - September 2014)												KIUC_1_17_Alta WP-60
	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Limestone													
Mitchell Unit 1	170,131.30	279,477.37	49,638.07	285,237.57	105,378.62	333,315.05	781,290.33	317,979.47	237,533.26	401,802.15	455,367.85	315,463.12	3,732,614.16
Mitchell Unit 2	354,818.14	384,774.22	181,518.60	330,977.02	360,815.49	392,673.57	711,750.72	363,154.22	519,194.00	550,298.37	190,211.97	260,898.81	4,601,085.13
Total Mitchell	524,949.44	664,251.59	231,156.67	616,214.59	466,194.11	725,988.62	1,493,041.05	681,133.69	756,727.26	952,100.52	645,579.82	576,361.93	8,333,699.29
Limestone 100% Mitchell													100%
Mitchell													
Urea													
Mitchell Unit 1				104,718.19	46,683.50	159,776.58	215,715.70	172,755.84	133,257.71	181,931.04	207,840.73	192,376.64	1,415,055.93
Mitchell Unit 2				154,360.92	199,907.35	178,902.44	171,659.04	161,493.08	190,040.38	215,819.10	134,999.56	152,112.61	1,559,294.48
Total Mitchell				259,079.11	246,590.85	338,679.02	387,374.74	334,248.92	323,298.09	397,750.14	342,840.29	344,489.25	2,974,350.41
50% of Mitchell Urea Consumption on KPCC's Books													1,487,175.21
Ratio of Mitchell Urea Consumption compared to Total Urea													34.30%
Big Sandy													
Urea													
Big Sandy Unit 1													0.00
Big Sandy Unit 2				398,580.50	270,050.83	89,434.40	336,501.97	270,923.95	366,615.27	331,878.26	349,855.23	108,443.73	2,848,248.11
Total Big Sandy				398,580.50	270,050.83	89,434.40	336,501.97	270,923.95	366,615.27	331,878.26	349,855.23	108,443.73	2,848,248.11
Trona													65.70%
Mitchell U 1 & 2				87,467.43	65,746.05	70,173.95	57,958.73	69,406.22	53,386.58	60,731.36	46,327.87	59,327.93	570,526.12
Trona 100% Mitchell													100%
Consumable Accounts Allocated to Mitchell											Total Account		
5020002										A	4,386,187.74	A X E	1,504,588.87
5020003										B	266,029.73	B X F	266,029.73
5020004										C	3,011,044.44	C X D	3,011,044.44

W41 – Annualization of ARO Depreciation

**Kentucky Power Company
 September 2014 ARO Depreciation Expense Annualized**

Utility Account	Plant/Function	ARO Description	Cost @ Sept 2014	Accum Depr	Sept 2014 Depr Exp	Annualized Depr Expense
<u>ARO depr. to include in cost of service</u>						
31700 - ARO Steam Production Plant	1-Big Sandy	ARO Big Sandy U0 Asbestos	\$277,141.44	\$58,017.58	\$842.78	\$10,113.36
31700 - ARO Steam Production Plant	1-Big Sandy	ARO Big Sandy U1 Asbestos	\$1,616,125.87	\$675,251.59	\$8,476.34	\$101,716.08
31700 - ARO Steam Production Plant	2-Mitchell	ARO Mitchell U0 Asbestos	\$372,406.99	\$50,937.13	\$1,131.94	\$13,583.28
31700 - ARO Steam Production Plant	2-Mitchell	ARO Mitchell U1 Asbestos	\$1,818,650.05	\$531,932.92	\$6,216.02	\$74,592.24
31700 - ARO Steam Production Plant	2-Mitchell	ARO#1 Connor Run Ash Pond	\$10,465,138.90	\$104,655.72	\$32,890.45	\$394,685.40
31700 - ARO Steam Production Plant	2-Mitchell	ARO#1 Mitchell Ash Pond	\$137,925.80	\$38,013.92	\$466.88	\$5,602.56
39919 - ARO General Plant	3-General Plant	ARO Pikeville Service Center	\$81,054.35	\$20,975.73	\$469.36	\$5,632.32
			<u>\$14,768,443.40</u>	<u>\$1,479,784.59</u>	<u>\$50,493.77</u>	<u>\$605,925.24</u>
ARO Depreciation Expense per Books						<u>\$365,154.42</u>
						<u>\$240,770.82</u>

W43 – Annualization of ARO Accretion

Kentucky Power Company
 Accretion Expense Oct 2014 to Sept 2015

<u>Co#</u>	<u>Plant/Function</u>	<u>ARO Description</u>	<u>Accretion Expense</u>
<u>ARO accretion to include in cost of service</u>			
117	1-Big Sandy	ARO Big Sandy U0 Asbestos	\$7,448.44
117	1-Big Sandy	ARO Big Sandy U1 Asbestos	\$100,388.75
110	3-General	ARO Pikeville Service Center	\$3,756.30
117	2-Mitchell	ARO Mitchell U0 Asbestos - KPCo	\$25,525.92
117	2-Mitchell	ARO Mitchell U1 Asbestos - KPCo	\$88,923.59
117	2-Mitchell	ARO Mitchell U2 Asbestos - KPCo	\$90,219.21
117	2-Mitchell	ASH#1 Connor Run - KPCo Mitchell	\$743,129.24
117	2-Mitchell	ASH#1 Mitchell Ash Pond - KPCo	<u>\$38,255.33</u>
			\$1,097,646.78
		Per Books Accretion Expense	\$728,946.00
		Difference	<u>\$368,700.78</u>

W56 – Remove Big Sandy Coal-Related NBV from Rate Base

Step 1: Identify Original Costs and additions >\$10 million by unit.						
Account	311	312	314	315	316	Total for Acct 311-316
Original Construction Cost	6,140,265	15,677,123	12,889,547	2,086,649	987,289	37,780,873
Additions						
Turbine Overhaul			33,867,625			33,867,625
Unit 1 Total	6,140,265	15,677,123	46,757,172	2,086,649	987,289	71,648,498
Original Construction Cost	16,692,890	58,785,586	27,358,750	7,353,983	1,975,769	112,166,978
Additions						
UH2 Low NOx Burners		10,347,805				10,347,805
Precipitator Upgrade		14,037,561				14,037,561
Cooling Tower			11,346,447			11,346,447
Reheater Repl		13,519,085				13,519,085
SCR		165,328,071				165,328,071
Unit 2 Total	16,692,890	262,018,108	38,705,197	7,353,983	1,975,769	326,745,947

Step 2: Calculate ratios based on original costs and additions in Step 1 above.						
% of Total	Based on Orig Const Cost plus Additions					
Unit 1	26.89%	5.65%	54.71%	22.10%	33.32%	
Unit 2	73.11%	94.35%	45.29%	77.90%	66.68%	
Total	100%	100%	100%	100%	100%	

Step 3: Identify total book costs and use allocators from Step 2 to allocate between Unit 1 and Unit 2.									
	311	312	314	315	316	352*	353*	Total	
Book Cost as of 09/30/2014	43,620,640.73	370,782,313.12	111,879,779.32	16,526,511.76	8,763,480.52	551,572,725.45	26,150.63	1,620,134.90	553,219,010.98
Book Cost per Unit based on Original Construction Cost and Major Additions (>\$10MM)									
Unit 1	11,730,411.04	20,932,300.16	61,210,356.63	3,652,830.58	2,919,986.01	100,445,884.43	9,739.77	603,417.48	101,059,041.68
Unit 2	31,890,229.69	349,850,012.96	50,669,422.69	12,873,681.18	5,843,494.51	451,126,841.02	16,410.86	1,016,717.42	452,159,969.30
Total	43,620,640.73	370,782,313.12	111,879,779.32	16,526,511.76	8,763,480.52	551,572,725.45	26,150.63	1,620,134.90	553,219,010.98

*See separate workpaper for accounts 352 and 353

Step 4: Allocate Unit 1									
	311	312	314	315	316	352*	353*	Total	
Portion of Unit 1 coal system to retire due to conversion to gas									
% to retire	29.4%	19.2%							13.8%
Book Cost of unit 1 to retire	3,448,740.85	4,019,001.63	-	-	402,958.07	7,870,700.55	-	-	7,870,700.55

*See separate workpaper for accounts 352 and 353

	311	312	314	315	316	352*	353*	Total	
Total Cost to Retire	35,338,970.53	353,869,014.59	50,669,422.69	12,873,681.18	6,246,452.58	458,997,541.57	16,410.86	1,016,717.42	460,030,669.85
Remaining Book Cost for Big Sandy Plant	8,281,670.20	16,913,298.53	61,210,356.63	3,652,830.58	2,517,027.94	92,575,183.88	9,739.77	603,417.48	93,188,341.13
									553,219,010.98

*See separate workpaper for accounts 352 and 353

Big Sandy Generating Plant
Calculation of Original Cost, Accumulated Depreciation and Net Book Value

Account	Month	Book Cost 9/2014	Accum Depr 9/2014	Reserve Ratio
				9/2014
31100	09/2014	\$43,620,640.73	\$31,285,605.95	71.72%
31200	09/2014	362,634,691.25	\$186,081,379.68	51.31%
31400	09/2014	111,879,779.32	\$62,928,569.25	56.25%
31500	09/2014	16,526,511.76	\$13,083,103.14	79.16%
31600	09/2014	8,763,480.52	\$5,514,708.04	62.93%
35200	09/2014	26,150.63	\$13,211.03	50.52%
35300	09/2014	<u>1,620,134.90</u>	<u>\$684,791.20</u>	42.27%
		\$545,071,389.11	\$299,591,368.29	
31200	09/2014	\$1,629,524.47	\$1,629,524.47	
31200	09/2014	\$3,259,048.48	\$2,461,898.52	
31200	09/2014	<u>\$3,259,048.92</u>	<u>\$1,942,703.35</u>	
		\$8,147,621.87	\$6,034,126.34	74.06%
		<u>\$553,219,010.98</u>	<u>\$305,625,494.63</u>	

Big Sandy Generating Plant
 Calculation of Original Cost, Accumulated Depreciation and Net Book Value

Big Sandy - Total Amount To be Retired (includes Unit 2 and coal related Unit 1 at Septe

Account	Month	Total Book Cost to be Retired 9/2014	Calculated Accum Depr 9/2014
31100	09/2014	35,338,970.53	\$25,345,824.55
31200	09/2014	345,721,392.72	\$177,402,535.65
31200	09/2014	\$8,147,621.87	\$6,034,126.34
31400	09/2014	50,669,422.69	\$28,499,826.28
31500	09/2014	12,873,681.18	\$10,191,364.10
31600	09/2014	6,246,452.58	\$3,930,785.51
35200	09/2014	16,410.86	\$8,290.60
35300	09/2014	<u>1,016,717.42</u>	<u>\$429,741.46</u>
		\$460,030,669.85	\$251,842,494.49

Big Sandy Generating Plant
 Calculation of Original Cost, Accumulated Depreciation and Net Book Value

Big Sandy - Book Value of Unit 1 coal assets at September 30, 2014

Estimated Book Cost		Calculated	
Asset ID	Month	To Retire Unit 1	Accum Depr 9/2014
		9/2014	9/2014
31100	09/2014	\$3,448,740.85	\$2,473,506.70
31200	09/2014	\$4,019,001.63	\$2,062,299.57
31400	09/2014	\$0.00	\$0.00
31500	09/2014	\$0.00	\$0.00
31600	09/2014	\$402,958.07	\$253,574.60
35200	09/2014	\$0.00	\$0.00
35300	09/2014	\$0.00	\$0.00
		<u>\$7,870,700.55</u>	<u>\$4,789,380.88</u>

Big Sandy Generating Plant
 Calculation of Original Cost, Accumulated Depreciation and Net Book Value

Big Sandy - Book Value of Unit 2 coal assets at September 30, 2014

Estimated Book Cost		Calculated	
To Retire Unit 2		9/2014	Accum Depr 9/2014
Month			
31100	09/2014	31,890,229.69	\$22,872,317.85
31200	09/2014	341,702,391.09	175,340,236.08
31200	09/2014	\$8,147,621.87	\$6,034,126.34
31400	09/2014	50,669,422.69	28,499,826.28
31500	09/2014	12,873,681.18	10,191,364.10
31600	09/2014	5,843,494.51	3,677,210.90
35200	09/2014	16,410.86	8,290.60
35300	09/2014	1,016,717.42	\$429,741.46
		\$452,159,969.30	\$247,053,113.61

W57 – Remove Big Sandy Coal-Related M&S from Rate Base

Breakout of Mitchell and Big Sandy M&S @ 9/30/2014

Account	Description	Big Sandy	Mitchell	Total
1540001	M&S - Regular	7,824,263	8,118,968	15,943,231
1540004	M&S - Exempt Material	38,727	87,510	126,237
1540006	M&S - Lime and Limestone	-	1,571,884	1,571,884
1540012	Materials & Supplies - Urea	245,381	258,383	503,764
1540023	M&S Inv - Urea In-Transit	773,084	263,468	1,036,552
	Plant Materials and Supplies	8,881,455	10,300,213	19,181,668
	Gas Related Inventory	<u>(2,524,107)</u>		
	Big Sandy Inventory Adjustment	6,357,348		

	Unit 1	Unit 2	Total
Estimated Coal Related	648,925	4,673,364	5,322,289
%	12%	88%	100%
Estimated Usage/Transfer @ 15%	97,339	701,005	798,344
Estimated Value at Shutdown	551,586	3,972,359	4,523,945
Estimated Salvage	4%	4%	
Net Estimated at Shutdown	529,523	3,813,465	4,342,987
Total Inventory at October 8, 2014	3,183,733	4,673,365	7,857,097
% Coal Related at September 30, 2014	20.38%	100.00%	67.74%
% Gas Related at September 30, 2014	79.62%	0.00%	32.26%
Big Sandy M&S Regular Account 1540001 at September 30, 2014			7,824,263
Gas Related at September 30, 2014			2,524,107

W58 – Remove Big Sandy CWIP and RWIP from Rate Base

Big Sandy Generating CWIP and RWIP

gl_account	work_order_number	work_order_description	amount	Coal Related
1070001 Constr Work in Progress	42063969	BS0 REP #3 RIVER MAKEUP PUMP	15.99	Yes
1070001 Constr Work in Progress	42174937	BS1 REP / REBUILD #14 PULV. GR	22.94	Yes
1070001 Constr Work in Progress	42178490	BS2 REP THE PUMP ON DIESEL FIR	8.85	Yes
1070001 Constr Work in Progress	42128769	BS1 REP CHLORIDE ANALYZER	-365.12	Yes
1070001 Constr Work in Progress	03990001	KEPCO FOSSIL OVERHEADS	6,936.63	Yes
1070001 Constr Work in Progress	42128474	BS2 REP / PURCHASE SERVICE WAT	47,155.12	Yes
1070001 Constr Work in Progress	42128767	BS2 REP INLET & OUTLET VL #2 S	17,757.12	Yes
1070001 Constr Work in Progress	42128771	BS2 REP INLET & OUTLET VL #1 S	13,764.86	Yes
1070001 Constr Work in Progress	42130589	BS2 REP SLURRY PUMP # 2 OVERBO	0.00	Yes
1070001 Constr Work in Progress	42136973	BSO REP COAL CHUTES #10 EAST &	103,080.89	Yes
1070001 Constr Work in Progress	42182907	BS1 REP / REBUILD #13 PULV. GR	136,572.15	Yes
1070001 Constr Work in Progress	42203203	KP/TCOM/BIG SANDY PLANT/2014-P	42,984.25	NO
1070001 Constr Work in Progress	42206146	BS1 REPLACE SOOTBLOWER CONTROL	6,182.10	Yes
1070001 Constr Work in Progress	42215469	BS2 REP #2 FLYASH WATER PUMP	341.00	Yes
1070001 Constr Work in Progress	42217493	REPLACE U-1 SO2 AIR HEATER	57,911.95	Yes
1070001 Constr Work in Progress	42218742	REPLACE COAL YARD LOCKER RM HV	8,006.59	NO
1070001 Constr Work in Progress	42221584	BS1 REP / REBUILD #11 PULV. GR	134,016.75	Yes
1070001 Constr Work in Progress	42222378	BS1 REP SEAL OIL SYSTEM STRAIN	633.08	NO
1070001 Constr Work in Progress	42222814	BS1 REP DRIVE TRAIN (MAIN SHAF	168,644.59	Yes
1070001 Constr Work in Progress	42227942	ICE U-2 REPLACE FEED BREAKER T	1,811.32	Yes
1070001 Constr Work in Progress	42228806	BS1 REP PRESSURE TRANSMITTER F	2,184.72	Yes
1070001 Constr Work in Progress	42238794	BS1 REP DRIVE TRAIN (MAIN SHAF	203,681.02	NO
1070001 Constr Work in Progress	42240968	BS2 REPLACE PRESS TRANSMITTER	4,016.67	Yes
1070001 Constr Work in Progress	42244073	BS2 REP #2 SLURRY PUMP	49,228.01	Yes
1070001 Constr Work in Progress	42246094	BS2 REP NOX MONITOR	15,506.19	Yes
1070001 Constr Work in Progress	42248806	BS0 REP #10 WEST CONVEYOR BELT	18,065.09	Yes
1070001 Constr Work in Progress	42258278	BS0 REP COMPLETE SET COAL CRUS	16,727.12	Yes
1070001 Constr Work in Progress	42258397	BS0 REP COMPLETE SET COAL CRUS	14,607.39	Yes
1070001 Constr Work in Progress	42260167	BS0 REP #2 RIVER MAKEUP PUMP	1,442.60	Yes
1070001 Constr Work in Progress	42262794	BS0 REP #1 RIVER MAKEUP PUMP D	8,721.28	Yes
1070001 Constr Work in Progress	42263159	BS2 REP #1 BOTTOM ASH PUMP / R	4,232.33	Yes
1070001 Constr Work in Progress	42274248	BS1 REP PRECIPITATOR WIRES	56,450.43	Yes
1070001 Constr Work in Progress	42274305	BS1 REP #12 PULV. GRINDING ZON	101,505.16	Yes
1070001 Constr Work in Progress	42276710	BS2 REP #3 COOLING WATER PUMP	1,311.00	Yes
1070001 Constr Work in Progress	42276713	BS2 REP #2 COOLING WATER PUMP	1,442.73	Yes
1070001 Constr Work in Progress	42283233	BS2 REPLACE #3 COOLING WATER M	5,525.00	Yes
1070001 Constr Work in Progress	42284297	BS1 REP ICE SHOP / CEILING / W	132.97	NO
1070001 Constr Work in Progress	T0137591	BIG SANDY U2 TRF 2SCR-2FR REP	9,191.05	Yes
1070001 Constr Work in Progress	X1183680	BS U1 GAS CONVERSION	2,261,011.84	NO
1070001 Constr Work in Progress	41416471	REPLACE ROTATING ELEMENT IN 2B	-923.25	Yes
1070001 Constr Work in Progress	41247119	REP MAIN STEAM ATTEMP. PIPING	604,009.81	Yes
			4,123,550.22	
			2,516,449.75	Gas Related
			1,607,100.47	Coal Related

1080005 Retr Work in Progress	42063969	BS0 REP #3 RIVER MAKEUP PUMP	1,800.00
1080005 Retr Work in Progress	42140878	BS2 REP EHC PUMP (PURCHASE FRO	4,902.21
1080005 Retr Work in Progress	42155086	BS2 RETIRE / SELL TO AMP #1 PA	-1.00
1080005 Retr Work in Progress	42174937	BS1 REP / REBUILD #14 PULV. GR	19,864.56
1080005 Retr Work in Progress	42178490	BS2 REP THE PUMP ON DIESEL FIR	19,217.21
1080005 Retr Work in Progress	42239977	BS2 REP HYDROGEN SEAL OIL PUMP	198.68
1080005 Retr Work in Progress	42245266	BS2 REP #4 APR PUMP CHECK VALV	304.24
1080005 Retr Work in Progress	42246883	BS2 REP VALVE ON SLURRY PUMP #	900.45
1080005 Retr Work in Progress	42267125	BS0 RETIRE INGERSOLL RAND BOBC	-4,300.00
1080005 Retr Work in Progress	X1180970	BS POND CLOSURE	0.00
1080005 Retr Work in Progress	42128769	BS1 REP CHLORIDE ANALYZER	415.63
1080005 Retr Work in Progress	X1182600	BS POND CLOSURE	2,138,806.46
1080005 Retr Work in Progress	03990001	KEPCO FOSSIL OVERHEADS	0.00
1080005 Retr Work in Progress	42128474	BS2 REP / PURCHASE SERVICE WAT	28,392.13
1080005 Retr Work in Progress	42128767	BS2 REP INLET & OUTLET VL #2 S	10,075.02
1080005 Retr Work in Progress	42128771	BS2 REP INLET & OUTLET VL #1 S	27,664.62
1080005 Retr Work in Progress	42136973	BS0 REP COAL CHUTES #10 EAST &	208.91
1080005 Retr Work in Progress	42145997	BS1 REMOVE WASTE WATER TREATME	178,997.20
1080005 Retr Work in Progress	42146106	BS1 REMOVE RAIL CAR SHAKER (WE	56,340.41
1080005 Retr Work in Progress	42146652	BS1 REMOVE #1 COAL CONVEYOR	118,142.50
1080005 Retr Work in Progress	42157010	BS1 REMOVE #1 COAL CONVEYOR ST	150,456.42
1080005 Retr Work in Progress	42157089	BS1 REMOVE STATION #2 STRUCTUR	300,995.65
1080005 Retr Work in Progress	42157115	BS1 REMOVE STATION #2 COAL CHU	197,858.47
1080005 Retr Work in Progress	42157241	BS1 REMOVE COAL CONVEYOR #2	49,760.68
1080005 Retr Work in Progress	42157252	BS1 REMOVE COAL CONVEYOR #3	234,100.13
1080005 Retr Work in Progress	42159756	BS1 REMOVE COAL CONVEYOR #3 LO	54,340.71
1080005 Retr Work in Progress	42159760	BS1 REMOVE MUSKRAT SLIDE MATER	17,444.99
1080005 Retr Work in Progress	42159815	BS1 REMOVE TRUCK SCALES	67,328.50
1080005 Retr Work in Progress	42182907	BS1 REP / REBUILD #13 PULV. GR	29,803.83
1080005 Retr Work in Progress	42205336	BS0 RETIRE / SELL FALK GEAR DR	-2,010.00
1080005 Retr Work in Progress	42215469	BS2 REP #2 FLYASH WATER PUMP	148.20
1080005 Retr Work in Progress	42217493	REPLACE U-1 SO2 AIR HEATER	2,676.18
1080005 Retr Work in Progress	42218742	REPLACE COAL YARD LOCKER RM HV	3,662.15
1080005 Retr Work in Progress	42221584	BS1 REP / REBUILD #11 PULV. GR	30,933.78
1080005 Retr Work in Progress	42222814	BS1 REP DRIVE TRAIN (MAIN SHAF	-74,995.26
1080005 Retr Work in Progress	42228806	BS1 REP PRESSURE TRANSMITTER F	128.94
1080005 Retr Work in Progress	42238794	BS1 REP DRIVE TRAIN (MAIN SHAF	73,337.26
1080005 Retr Work in Progress	42240968	BS2 REPLACE PRESS TRANSMITTER	125.63
1080005 Retr Work in Progress	42244073	BS2 REP #2 SLURRY PUMP	-31,617.53
1080005 Retr Work in Progress	42248806	BS0 REP #10 WEST CONVEYOR BELT	4,715.73
1080005 Retr Work in Progress	42258278	BS0 REP COMPLETE SET COAL CRUS	522.77
1080005 Retr Work in Progress	42258397	BS0 REP COMPLETE SET COAL CRUS	4,772.77
1080005 Retr Work in Progress	42260167	BS0 REP #2 RIVER MAKEUP PUMP	10,592.21
1080005 Retr Work in Progress	42262794	BS0 REP #1 RIVER MAKEUP PUMP D	2,115.68
1080005 Retr Work in Progress	42263159	BS2 REP #1 BOTTOM ASH PUMP / R	1,133.30
1080005 Retr Work in Progress	42267172	BS0 RETIRE SUMP PUMP/SOLD ON A	-251.00
1080005 Retr Work in Progress	42274248	BS1 REP PRECIPITATOR WIRES	21,855.39
1080005 Retr Work in Progress	42274305	BS1 REP #12 PULV. GRINDING ZON	19,814.89
1080005 Retr Work in Progress	42276713	BS2 REP #2 COOLING WATER PUMP	493.11
1080005 Retr Work in Progress	42284297	BS1 REP ICE SHOP / CEILING / W	1,847.62
1080005 Retr Work in Progress	T0137591	BIG SANDY U2 TRF 2SCR-2FR REP	1,613.47
			3,775,633.90
			1,847.62 Gas Related
			3,773,786.28 Coal Related

Retirement Components of BSRR

Big Sandy Retirement Cost Summary

Components Subject to WACC Return:	Estimated June 30, 2015 Balance	Future Costs	1 7/1/2015	2 7/1/2016	3 7/1/2017	4 7/1/2018	5 7/1/2019	6 7/1/2020
NBV:	\$201,911,435.45	\$0.00						
Original Cost	\$460,030,669.85	\$0.00						
Accumulated Depreciation	(\$263,500,120.40)	\$0.00						
CWIP to transfer to OC	\$1,607,100.00	\$0.00						
RWIP to transfer to AD	\$3,773,786.00	\$0.00						
Unusable M&S	\$4,342,987.20	\$0.00						
Removal Costs and Salvage	\$0.00	\$43,797,850.00						
Unit 2 Ongoing Misc. Exp.	\$0.00	\$6,058,782.00	1,198,780	880,002	730,000	250,000	250,000	250,000
ARO Cash Flow	\$1,473,491.00	\$54,552,333.00	18,272,755	11,738,108	13,797,661	8,259,280	1,990,926	118,869
ADIT*	(\$72,189,047.93)	\$0.00						
Total	\$135,538,865.72	\$104,408,965.00						
Future Cost by Year		\$239,947,830.72	\$19,471,535	\$12,618,110	\$14,527,661	\$8,509,280	\$2,240,926	\$368,869

* ADIT calculated as (NBV + Unusable M&S) * 35%.

Year	Bg	Additions	Payments	CC	Ending
1	\$135,538,865.72	19,471,535	(22,166,309.89)	15,228,668.57	\$148,072,759.40
2	\$148,072,759.40	12,618,110	(22,166,309.89)	16,300,422.81	\$154,824,982.32
3	\$154,824,982.32	14,527,661	(22,166,309.89)	17,163,217.84	\$164,349,551.27
4	\$164,349,551.27	8,509,280	(22,166,309.89)	17,936,354.94	\$168,628,876.31
5	\$168,628,876.31	2,240,926	(22,166,309.89)	18,102,104.16	\$166,805,596.58
6	\$166,805,596.58	368,869	(22,166,309.89)	17,800,011.56	\$162,808,167.24
7	\$162,808,167.24	371,840	(22,166,309.89)	17,346,976.26	\$158,360,673.61
8	\$158,360,673.61	374,886	(22,166,309.89)	16,842,921.21	\$153,412,170.93
9	\$153,412,170.93	378,008	(22,166,309.89)	16,282,070.87	\$147,905,939.91
10	\$147,905,939.91	250,000	(22,166,309.89)	15,651,309.58	\$141,640,939.59
11	\$141,640,939.59	250,000	(22,166,309.89)	14,941,049.44	\$134,665,679.14
12	\$134,665,679.14	250,000	(22,166,309.89)	14,150,267.45	\$126,899,636.70
13	\$126,899,636.70	250,000	(22,166,309.89)	13,269,834.88	\$118,253,161.68
14	\$118,253,161.68	250,000	(22,166,309.89)	12,289,588.08	\$108,626,439.87
15	\$108,626,439.87	250,000	(22,166,309.89)	11,198,211.17	\$97,908,341.15
16	\$97,908,341.15	250,000	(22,166,309.89)	9,983,105.37	\$85,975,136.62
17	\$85,975,136.62	43,797,850	(22,166,309.89)	10,849,167.77	\$118,455,844.50
18	\$118,455,844.50	-	(22,166,309.89)	12,299,827.71	\$108,589,362.32
19	\$108,589,362.32	-	(22,166,309.89)	11,181,269.28	\$97,604,321.70
20	\$97,604,321.70	-	(22,166,309.89)	9,935,900.40	\$85,373,912.21
21	\$85,373,912.21	-	(22,166,309.89)	8,549,344.64	\$71,756,946.95
22	\$71,756,946.95	-	(22,166,309.89)	7,005,595.71	\$56,596,232.77
23	\$56,596,232.77	-	(22,166,309.89)	5,286,832.69	\$39,716,755.56
24	\$39,716,755.56	-	(22,166,309.89)	3,373,214.31	\$20,923,659.97
25	\$20,923,659.97	-	(22,166,309.89)	1,242,649.92	\$0.00
			\$554,157,747.34	314,209,916.61	

Total Revenue for Components Subject to WACC

KENTUCKY POWER COMPANY
 COST OF CAPITAL
 TEST YEAR ENDED 9/30/2014

SECTION V
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 PAGE 1 OF 3

Line No.	Description	Reapportioned Kentucky Jurisdictional Capital 1/	Percentage of Total	Annual Cost Percentage Rate	Weighted Average Cost Percent	Gross-up Factor	WACC Gross-up
(1)	(2)	(3)	(4)	(5)	(6) = (4) X (5)		
1	Long Term Debt	\$607,948,239	52.95%	5.41% 2/	2.86%	1.004977	2.8742%
2	Short Term Debt	(30,246,207)	-2.63%	0.25% 3/	-0.01%	1.004977	-0.0100%
3	Accounts Receivable F	51,833,383	4.52%	1.07% 5/	0.05%	1.004977	0.0502%
4	Common Equity	518,548,562	45.17%	10.62% 6/	4.80%	1.640180	7.8729%
5	Total	\$1,148,083,977	100.00%		7.70%		10.7873%

- 1/ Schedule 3, Column 13, Lines 1, 2, 3 & 4
- 2/ Per workpaper S-3, Pg 1, Ln 11, Col 14
- 3/ Per workpaper S-3, Pg 2, Ln 16
- 4/ Per Commission Order March 31, 2003 Case No. 2002-00169
- 5/ 13 Month Average Accounts Receivable Balance and 13 Month Average Annual Carrying Cost
- 6/ Per Recommendation of William Avera

Kentucky Power Company
 Computation of the Gross Revenue
 Conversion Factor
 Test Year Twelve Ended 9/30/2014

SECTION V
 WORKPAPER S-2
 PAGE 2 OF 3

Line	No.	Description	Factor Calc
	(1)	(2)	(3)
	1	Operating Revenues	100.00%
	2	Less: Uncollectible Accounts Expense 1/	0.30000%
	3	KPSC Maintenance Fee	0.19520%
	4	Income Before income Taxes	99.50480%
	5	Less: State Income Tax 5.7348%	5.70640%
	6	Income Before Federal Income Taxes	93.7984%
	7	Less: Federal income tax 35.00%	32.82944%
	8	Operating Income Percentage	60.96896%
	9	Gross Revenue Conversion Factor (100% / L8)	1.640180
	10	Gross Revenue CF Excluding Taxes (100%/ L4)	1.004977

Big Sandy Generating Plant
 Calculation of Net Book Value

		Estimated Book Cost		Calculated		Annual Depr Rate	Calculated Accum Depr 6/2015	Calc NBV U1 Coal Assets 6/2015
Month	To Retire Unit 1 9/2014	Accum Depr 9/2014	9/2014	9/2014	9/2014			
31100	\$3,448,740.85	\$2,473,506.70		3.78%	\$2,571,278.51	\$877,462.34		
31200	\$4,019,001.63	\$2,062,299.57		3.78%	\$2,176,238.27	\$1,842,763.36		
31400	\$0.00	\$0.00		3.78%	\$0.00	\$0.00		
31500	\$0.00	\$0.00		3.78%	\$0.00	\$0.00		
31600	\$402,958.07	\$253,574.60		3.78%	\$264,998.47	\$137,959.60		
35200	\$0.00	\$0.00		1.71%	\$0.00	\$0.00		
35300	\$0.00	\$0.00		1.71%	\$0.00	\$0.00		
Unit 1 Total	<u>\$7,870,700.55</u>	<u>\$4,789,380.88</u>			<u>\$5,012,515.25</u>	<u>\$2,858,185.30</u>		

Big Sandy - Book Value of Unit 2 coal assets at September 30, 2014 and May 31, 2015

	Month	Estimated Book Cost		Calculated		Annual Depr Rate	Calculated Accum		Calc NBV of Retired UZ 5/2015
		To Retire Unit 2 9/2014	Accum Depr 9/2014	Accum Depr 9/2014	Depr 5/2015				
31100	05/2015	31,890,229.69	\$22,872,317.85		3.78%	\$23,675,951.64	8,214,278.05		
31200	05/2015	341,702,391.09	175,340,236.08		3.78%	\$183,951,136.33	157,751,254.76		
31200	05/2015	\$8,147,621.87	\$6,034,126.34		4.78%	\$6,293,763.89	1,853,857.98		
31400	05/2015	50,669,422.69	28,499,826.28		3.78%	\$29,776,695.73	20,892,726.96		
31500	05/2015	12,873,681.18	10,191,364.10		3.78%	\$10,515,780.87	2,357,900.31		
31600	05/2015	5,843,494.51	3,677,210.90		3.78%	\$3,824,466.97	2,019,027.54		
35200	05/2015	16,410.86	8,290.60		1.71%	\$8,477.68	7,933.18		
35300	05/2015	1,016,717.42	\$429,741.46		1.71%	\$441,332.04	\$575,385.38		
Unit 2 Total		<u>\$452,159,969.30</u>	<u>\$247,053,113.61</u>			<u>\$258,487,605.15</u>	<u>\$193,672,364.15</u>		
Totals Unit 1 and Unit 2		<u>\$460,030,669.85</u>				<u>\$263,500,120.40</u>	<u>\$196,530,549.45</u>		
Big Sandy CWIP @ 9/30/2014								\$1,607,100.00	
Big Sandy RWIP @ 9/30/2014								\$3,773,786.00	
Total NBV								<u>\$201,911,435.45</u>	

**Kentucky Power Company
 September 2014 ARO Depreciation Expense Annualized**

Utility Account	Plant/Function	ARO Description	Cost @ Sept 2014	ARO Asset	Accretion	Total Estimated ARO Costs
31700 - ARO Steam Production Plant	1-Big Sandy	ARO Big Sandy U0 Asbestos	\$277,141.44	\$2,113,060.00	\$180,815.00	\$2,293,875.00
31700 - ARO Steam Production Plant	1-Big Sandy	ARO Big Sandy U1 Asbestos	\$1,616,125.87	\$1,721,296.04	\$2,384,656.96	\$4,105,953.00
31700 - ARO Steam Production Plant	1-Big Sandy	ARO Big Sandy U2 Asbestos	<u>\$1,721,296.04</u>	\$42,577,812.63	\$7,048,183.37	\$49,625,996.00
31700 - ARO Steam Production Plant	1-Big Sandy	ASH#1 Big Sandy Ash Pond	\$42,577,812.63	<u>\$46,412,168.67</u>	<u>\$9,613,655.33</u>	<u>\$56,025,824.00</u>
	1-Big Sandy Total		\$46,192,375.98			
31700 - ARO Steam Production Plant	2-Mitchell	ARO Mitchell U0 Asbestos	\$372,406.99			
31700 - ARO Steam Production Plant	2-Mitchell	ARO Mitchell U1 Asbestos	\$1,818,650.05			
31700 - ARO Steam Production Plant	2-Mitchell	ARO#1 Connor Run Ash Pond	\$10,465,138.90			
31700 - ARO Steam Production Plant	2-Mitchell	ARO#1 Mitchell Ash Pond	\$137,925.80			
	2-Mitchell Total		\$12,794,121.74			
39919 - ARO General Plant	3-General Plant	ARO Pikeville Service Center	\$81,054.35			
	3-General Plant Total		\$81,054.35			
	Grand Total		<u>\$59,067,552.07</u>			
ARO depr. to include in cost of service						
31700 - ARO Steam Production Plant	1-Big Sandy	ARO Big Sandy U0 Asbestos	\$277,141.44			
31700 - ARO Steam Production Plant	1-Big Sandy	ARO Big Sandy U1 Asbestos	\$1,616,125.87			
31700 - ARO Steam Production Plant	2-Mitchell	ARO Mitchell U0 Asbestos	\$372,406.99			
31700 - ARO Steam Production Plant	2-Mitchell	ARO Mitchell U1 Asbestos	\$1,818,650.05			
31700 - ARO Steam Production Plant	2-Mitchell	ARO#1 Connor Run Ash Pond	\$10,465,138.90			
31700 - ARO Steam Production Plant	2-Mitchell	ARO#1 Mitchell Ash Pond	\$137,925.80			
39919 - ARO General Plant	3-General Plant	ARO Pikeville Service Center	\$81,054.35			
	3-General Plant Total		\$14,768,443.40			
ARO Depreciation Expense per Books						
ARO depr. to include in coal related retirement costs						
31700 - ARO Steam Production Plant	1-Big Sandy	Big Sandy Bottom Ash				
31700 - ARO Steam Production Plant	1-Big Sandy	ARO Big Sandy U2 Asbestos				
31700 - ARO Steam Production Plant	1-Big Sandy	ASH#1 Big Sandy Ash Pond				

Attachment 58

	Unit 1	Unit 2	Total
Estimated Coal Related	648,925	4,673,364	5,322,289
%	12%	88%	100%
Estimated Usage/Transfer @ 15%	97,339	701,005	798,344
Estimated Value at Shutdown	551,586	3,972,359	4,523,945
Estimated Salvage	4%	4%	
Net Estimated at Shutdown	529,523	3,813,465	<u>4,342,987</u>

**KENTUCKY POWER COMPANY
 CALCULATION OF TERMINAL SALVAGE AND REMOVAL AT RETIREMENT - BIG SANDY PLANT
 USING SARGENT & LUNDY STUDY DATA AND LIVINGSTON SURVEY ESCALATION INDEX**

Plant/Units	Terminal Salvage	Terminal Removal	Terminal Net Salvage	Average Inflation Rate (1)	Plant Retirement Year	Escalation Period	Terminal Salvage	Terminal Removal	Terminal Net Salvage
Big Sandy Plant	\$20,887,112	\$49,718,898	\$28,831,786	2.35%	2031	18	\$31,729,238	\$75,527,088	\$43,797,850
S&L Estimate (2)	\$20,887,112	\$49,718,898	\$28,831,786				\$31,729,238	\$75,527,088	\$43,797,850
Total Big Sandy Plant									

Notes:

(1) Source Livingston Survey dated December 2013 (survey performed by Federal Reserve Bank of Philadelphia)

(2) Sargent & Lundy estimate based on December 2012 indexed prices.