

PCSA 12/16/11 vs STAND ALONE CASE 12/16/11										
DISSOLUTION OF AEP EAST POWER POOL (a)										
	2013	2014	2015	2016	2017	2018	2019	2020	2021	Average
NEC 501 (TOTAL) COST (\$000) AND MARGIN										
BASE STAND ALONE CASE 12/16/11										
APCO	\$1,333,050	\$1,412,920	\$1,409,061	\$1,459,683	\$1,467,920	\$1,536,112	\$1,553,190	\$1,594,388	\$1,654,598	\$1,491,214
I&M	\$452,088	\$478,703	\$454,109	\$343,172	\$326,859	\$329,923	\$343,131	\$336,251	\$346,014	\$378,917
KPCO	\$272,132	\$310,414	\$299,661	\$268,591	\$246,986	\$262,129	\$259,919	\$265,530	\$277,939	\$273,700
Total	\$2,057,269	\$2,202,038	\$2,162,831	\$2,071,446	\$2,041,765	\$2,128,164	\$2,156,240	\$2,196,170	\$2,278,551	\$2,143,831
POWER COST SHARING AGREEMENT 12/16/11										
APCO	\$1,330,728	\$1,415,038	\$1,409,110	\$1,457,835	\$1,465,704	\$1,534,174	\$1,549,761	\$1,590,526	\$1,651,235	\$1,489,345
I&M	\$454,663	\$491,182	\$469,260	\$357,121	\$328,573	\$333,911	\$346,326	\$338,550	\$349,080	\$385,407
KPCO	\$269,453	\$294,391	\$282,940	\$254,570	\$244,861	\$258,297	\$258,192	\$263,616	\$276,541	\$266,985
Total	\$2,054,844	\$2,200,611	\$2,161,310	\$2,069,526	\$2,039,138	\$2,126,381	\$2,154,279	\$2,192,692	\$2,276,856	\$2,141,737
Change										
APCO	(\$2,321)	\$2,117	\$49	(\$1,848)	(\$2,216)	(\$1,938)	(\$3,430)	(\$3,863)	(\$3,363)	(\$1,868)
I&M	\$2,575	\$12,479	\$15,151	\$13,949	\$1,714	\$3,988	\$3,195	\$2,299	\$3,066	\$6,491
KPCO	(\$2,679)	(\$16,023)	(\$16,721)	(\$14,021)	(\$2,125)	(\$3,832)	(\$1,727)	(\$1,914)	(\$1,399)	(\$6,716)
Total	(\$2,425)	(\$1,427)	(\$1,521)	(\$1,920)	(\$2,628)	(\$1,782)	(\$1,962)	(\$3,478)	(\$1,696)	(\$2,093)

(a) All wholesale sales (Buckeye contracts, CSWTIE) are assigned to OPCo.

	2013	2014	2015	2016	2017	2018	2019	2020	2021	Average
MARGIN OFF-SYSTEM SALES AND POOL ENERGY SALES (\$000)										
BASE STAND ALONE CASE 12/16/11										
APCO	(\$71,330)	(\$64,087)	(\$63,880)	(\$79,163)	(\$84,208)	(\$70,937)	(\$83,582)	(\$87,127)	(\$73,475)	(\$75,310)
I&M	(\$89,684)	(\$85,641)	(\$109,164)	(\$246,277)	(\$246,639)	(\$246,391)	(\$251,813)	(\$270,819)	(\$280,563)	(\$202,999)
KPCO	(\$15,922)	(\$30)	(\$146)	(\$29,325)	(\$45,184)	(\$36,268)	(\$46,402)	(\$47,830)	(\$43,422)	(\$29,392)
Total	(\$176,937)	(\$149,758)	(\$173,190)	(\$354,765)	(\$376,032)	(\$353,596)	(\$381,797)	(\$405,776)	(\$397,460)	(\$307,701)
POWER COST SHARING AGREEMENT 12/16/11										
APCO	(\$71,191)	(\$60,985)	(\$61,985)	(\$79,084)	(\$84,237)	(\$71,057)	(\$83,572)	(\$87,164)	(\$73,417)	(\$74,744)
I&M	(\$87,563)	(\$72,828)	(\$94,462)	(\$234,706)	(\$244,790)	(\$243,021)	(\$249,143)	(\$268,560)	(\$277,574)	(\$196,961)
KPCO	(\$14,150)	\$4	\$17	(\$28,871)	(\$44,566)	(\$35,865)	(\$45,849)	(\$47,139)	(\$42,936)	(\$28,817)
Total	(\$172,904)	(\$133,809)	(\$156,430)	(\$342,660)	(\$373,594)	(\$349,943)	(\$378,564)	(\$402,863)	(\$393,927)	(\$300,522)
Change										
APCO	\$139	\$3,102	\$1,895	\$80	(\$30)	(\$120)	\$10	(\$37)	\$58	\$566
I&M	\$2,121	\$12,813	\$14,702	\$11,571	\$1,850	\$3,370	\$2,670	\$2,259	\$2,989	\$6,038
KPCO	\$1,772	\$34	\$162	\$454	\$618	\$403	\$552	\$691	\$486	\$575
Total	\$4,033	\$15,948	\$16,760	\$12,104	\$2,438	\$3,653	\$3,232	\$2,913	\$3,533	\$7,179

	2013	2014	2015	2016	2017	2018	2019	2020	2021	Average
NEC 501 (TOTAL) COST (\$000)										
BASE STAND ALONE CASE 12/16/11										
APCO	\$1,404,380	\$1,477,007	\$1,472,941	\$1,538,846	\$1,552,128	\$1,607,049	\$1,636,773	\$1,681,515	\$1,728,074	\$1,566,524
I&M	\$541,772	\$564,344	\$563,273	\$589,449	\$573,499	\$576,314	\$594,944	\$607,070	\$626,577	\$581,916
KPCO	\$288,054	\$310,444	\$299,807	\$297,916	\$292,170	\$298,397	\$306,321	\$313,361	\$321,361	\$303,092
Total	\$2,234,206	\$2,351,795	\$2,336,021	\$2,426,211	\$2,417,797	\$2,481,760	\$2,538,037	\$2,601,947	\$2,676,011	\$2,451,532
POWER COST SHARING AGREEMENT 12/16/11										
APCO	\$1,401,920	\$1,476,023	\$1,471,095	\$1,536,918	\$1,549,941	\$1,605,230	\$1,633,332	\$1,677,690	\$1,724,653	\$1,564,089
I&M	\$542,226	\$564,010	\$563,722	\$591,827	\$573,363	\$576,932	\$595,469	\$607,110	\$626,654	\$582,368
KPCO	\$283,602	\$294,387	\$282,923	\$283,442	\$289,427	\$294,162	\$304,042	\$310,755	\$319,477	\$295,802
Total	\$2,227,748	\$2,334,420	\$2,317,741	\$2,412,187	\$2,412,731	\$2,476,324	\$2,532,843	\$2,595,555	\$2,670,783	\$2,442,259
Change										
APCO	(\$2,460)	(\$984)	(\$1,846)	(\$1,928)	(\$2,187)	(\$1,818)	(\$3,440)	(\$3,826)	(\$3,421)	(\$2,434)
I&M	\$454	(\$334)	\$449	\$2,378	(\$136)	\$618	\$525	\$40	\$77	\$452
KPCO	(\$4,451)	(\$16,057)	(\$16,884)	(\$14,475)	(\$2,743)	(\$4,235)	(\$2,279)	(\$2,605)	(\$1,884)	(\$7,290)
Total	(\$6,458)	(\$17,375)	(\$18,281)	(\$14,024)	(\$5,066)	(\$5,435)	(\$5,194)	(\$6,391)	(\$5,228)	(\$9,273)

PCSA 12/16/11 vs STAND ALONE CASE 12/16/11										
DISSOLUTION OF AEP EAST POWER POOL (a)										
	2013	2014	2015	2016	2017	2018	2019	2020	2021	Average
NEC (TOTAL) COST (\$000) AND MARGIN										
BASE STAND ALONE CASE 12/16/11										
APCO	\$ 1,333,050	\$ 1,412,920	\$ 1,409,061	\$ 1,459,683	\$ 1,467,920	\$ 1,536,112	\$ 1,553,190	\$ 1,594,388	\$ 1,654,598	\$ 1,510,984
I&M	\$ 452,088	\$ 478,703	\$ 454,109	\$ 343,172	\$ 326,859	\$ 329,923	\$ 343,131	\$ 336,251	\$ 346,014	\$ 378,917
KPCO	\$ 272,132	\$ 310,414	\$ 299,661	\$ 268,591	\$ 246,986	\$ 262,129	\$ 259,919	\$ 265,530	\$ 277,939	\$ 273,700
Total	\$ 2,057,269	\$ 2,202,038	\$ 2,162,831	\$ 2,071,446	\$ 2,041,765	\$ 2,128,164	\$ 2,156,240	\$ 2,196,170	\$ 2,278,551	\$ 2,143,831
POWER COST SHARING AGREEMENT 12/16/11										
APCO	\$ 1,330,728	\$ 1,415,038	\$ 1,409,110	\$ 1,457,835	\$ 1,465,704	\$ 1,534,174	\$ 1,549,761	\$ 1,590,526	\$ 1,651,235	\$ 1,509,173
I&M	\$ 454,663	\$ 491,182	\$ 469,260	\$ 357,121	\$ 328,573	\$ 333,911	\$ 346,326	\$ 338,550	\$ 349,080	\$ 385,407
KPCO	\$ 269,453	\$ 294,391	\$ 282,940	\$ 254,570	\$ 244,861	\$ 258,297	\$ 258,192	\$ 263,616	\$ 276,541	\$ 266,985
Total	\$ 2,054,844	\$ 2,200,611	\$ 2,161,310	\$ 2,069,526	\$ 2,039,138	\$ 2,126,381	\$ 2,154,279	\$ 2,192,692	\$ 2,276,856	\$ 2,141,737
Change										
APCO	\$ (2,321)	\$ 2,117	\$ 49	\$ (1,848)	\$ (2,216)	\$ (1,938)	\$ (3,430)	\$ (3,863)	\$ (3,363)	\$ (1,811)
I&M	\$ 2,575	\$ 12,479	\$ 15,151	\$ 13,949	\$ 1,714	\$ 3,988	\$ 3,195	\$ 2,299	\$ 3,066	\$ 6,491
KPCO	\$ (2,679)	\$ (16,023)	\$ (16,721)	\$ (14,021)	\$ (2,125)	\$ (3,832)	\$ (1,727)	\$ (1,914)	\$ (1,399)	\$ (6,716)
Total	\$ (2,425)	\$ (1,427)	\$ (1,521)	\$ (1,920)	\$ (2,628)	\$ (1,782)	\$ (1,962)	\$ (3,478)	\$ (1,696)	\$ (2,093)

(a) All wholesale sales (Buckeye contracts, CSWTIE) are assigned to OPCo.

	2013	2014	2015	2016	2017	2018	2019	2020	2021	Average
PROMOD										
APCO	1,341,202	1,421,070	1,418,676	1,469,297	1,477,536	1,545,726	1,562,804	1,604,003	1,664,211	APCo NET TOTAL \$ FROM System Summary Report
IM	556,992	598,701	574,252	524,869	512,112	517,491	527,976	523,096	532,858	IM NET TOTAL \$ FROM System Summary Report
KPCO	317,091	361,841	351,151	346,461	326,379	342,517	339,139	345,607	358,016	KPCo NET TOTAL \$ FROM System Summary Report
TOTAL PROMOD 3CO	\$ 2,215,284	\$ 2,381,612	\$ 2,344,079	\$ 2,340,628	\$ 2,316,027	\$ 2,405,733	\$ 2,429,919	\$ 2,472,705	\$ 2,555,085	Sum

Diff From PROMOD	2013	2014	2015	2016	2017	2018	2019	2020	2021
AEP	(160,440)	(181,001)	(182,769)	(271,101)	(276,889)	(279,352)	(275,640)	(260,013)	(278,229)

Items not in NEC (included in PROMOD data)	2013	2014	2015	2016	2017	2018	2019	2020	2021
Rock Demand I&M	104,904	119,997	120,143	181,698	185,252	187,569	184,846	186,844	186,844
Rock Demand KPCO	44,959	51,427	51,490	77,870	79,394	80,387	79,220	80,076	80,076
Summersville	8,150	8,150	9,614	9,614	9,614	9,614	9,614	9,614	9,614
Constellation	0	0	0	0	0	0	0	0	0
Total	158,013	179,574	181,247	269,182	274,259	277,570	273,679	276,534	276,534

Diff by Co	2013	2014	2015	2016	2017	2018	2019	2020	2021
APCo	(\$2,323)	\$2,117	\$48	(\$1,848)	(\$2,218)	(\$1,938)	(\$3,430)	(\$3,863)	(\$3,362)
IM	\$2,575	\$12,478	\$15,151	\$13,949	\$1,713	\$3,989	\$3,196	\$2,298	\$3,066
KPCO	(\$2,679)	(\$16,023)	(\$16,721)	(\$14,020)	(\$2,125)	(\$3,833)	(\$1,727)	(\$1,914)	(\$1,399)
TOTAL	(\$2,427)	(\$1,427)	(\$1,522)	(\$1,920)	(\$2,630)	(\$1,782)	(\$1,961)	(\$3,479)	(\$1,695)

Difference consists of these components:

Net Primary \$ Difference (Sales - Purchase)	2013	2014	2015	2016	2017	2018	2019	2020	2021
APCo	\$13,877	(\$9,410)	(\$5,092)	\$4,907	\$8,497	\$6,945	\$12,876	\$13,918	\$13,005
IM	(\$15,504)	(\$58,935)	(\$65,400)	(\$48,598)	(\$7,581)	(\$15,603)	(\$11,504)	(\$11,497)	(\$11,903)
KPCO	\$1,627	\$68,345	\$70,492	\$43,692	(\$916)	\$8,658	(\$1,372)	(\$2,421)	(\$1,102)
TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Difference in Sales \$	2013	2014	2015	2016	2017	2018	2019	2020	2021
APCo	\$2,782	\$29,646	\$26,781	\$6,713	(\$25)	\$1,835	\$11	\$40	\$59
IM	\$18,081	\$71,720	\$80,552	\$62,547	\$9,294	\$19,589	\$14,701	\$14,101	\$14,970
KPCO	\$1,790	\$78	(\$333)	(\$1,825)	(\$1,149)	(\$880)	(\$245)	\$689	(\$20)
TOTAL	\$24,655	\$103,458	\$109,014	\$69,451	\$10,138	\$22,563	\$16,485	\$16,850	\$17,031

Difference in Purchase \$	2013	2014	2015	2016	2017	2018	2019	2020	2021
APCo	(\$18,980)	(\$18,119)	(\$21,640)	(\$13,468)	(\$10,689)	(\$10,718)	(\$16,317)	(\$17,821)	(\$16,427)
IM	(\$2)	(\$307)	(\$0)	\$0	\$1	\$2	(\$1)	(\$305)	(\$1)
KPCO	(\$6,095)	(\$84,445)	(\$86,880)	(\$55,887)	(\$61)	(\$11,611)	(\$110)	(\$183)	(\$277)
TOTAL	(\$23,065)	(\$100,857)	(\$106,505)	(\$67,339)	(\$8,731)	(\$20,309)	(\$14,409)	(\$16,288)	(\$14,684)

=									
APCo	(\$2,321)	\$2,117	\$49	(\$1,848)	(\$2,216)	(\$1,938)	(\$3,430)	(\$3,863)	(\$3,363)
IM	\$2,575	\$12,479	\$15,151	\$13,949	\$1,714	\$3,988	\$3,195	\$2,299	\$3,066
KPCO	(\$2,679)	(\$16,023)	(\$16,721)	(\$14,021)	(\$2,125)	(\$3,832)	(\$1,727)	(\$1,914)	(\$1,399)
TOTAL	(\$2,425)	(\$1,427)	(\$1,521)	(\$1,920)	(\$2,628)	(\$1,782)	(\$1,962)	(\$3,478)	(\$1,696)

OVERALL DIFF	2013	2014	2015	2016	2017	2018	2019	2020	2021
=									
APCo	(\$2)	\$0	(\$1)	(\$0)	(\$2)	\$0	\$0	(\$0)	\$1
IM	\$0	(\$1)	(\$0)	\$0	(\$1)	\$1	\$0	(\$0)	\$0
KPCO	\$0	\$0	\$0	\$0	\$0	(\$0)	\$0	(\$0)	(\$1)
TOTAL	(\$1)	(\$0)	(\$1)	\$0	(\$2)	\$0	\$1	(\$1)	\$1

PCSA 12/16/11 vs STAND ALONE CASE 12/16/11										
1/0/1900										
DISSOLUTION OF AEP EAST POWER POOL										
	2013	2014	2015	2016	2017	2018	2019	2020	2021	Average
MARGIN OFF-SYSTEM SALES (\$000) WITHOUT OPC										
BASE STAND ALONE CASE 12/16/11										
APCO	(\$71,330)	(\$64,087)	(\$63,880)	(\$79,163)	(\$84,208)	(\$70,937)	(\$83,582)	(\$87,127)	(\$73,475)	(\$75,310)
I&M	(\$89,684)	(\$85,641)	(\$109,164)	(\$246,277)	(\$246,639)	(\$246,391)	(\$251,813)	(\$270,819)	(\$280,563)	(\$202,999)
KPCO	(\$15,922)	(\$30)	(\$146)	(\$29,325)	(\$45,184)	(\$36,268)	(\$46,402)	(\$47,830)	(\$43,422)	(\$29,392)
Total	(\$176,937)	(\$149,758)	(\$173,190)	(\$354,765)	(\$376,032)	(\$353,596)	(\$381,797)	(\$405,776)	(\$397,460)	\$ (307,701)
POWER COST SHARING AGREEMENT 12/16/11										
APCO	(\$70,807)	(\$55,632)	(\$57,686)	(\$77,931)	(\$84,237)	(\$70,796)	(\$83,572)	(\$87,151)	(\$73,417)	(\$73,470)
I&M	(\$84,917)	(\$58,862)	(\$78,123)	(\$220,693)	(\$242,755)	(\$238,885)	(\$246,000)	(\$265,062)	(\$274,365)	(\$189,963)
KPCO	(\$13,712)	\$24	\$17	(\$28,871)	(\$44,392)	(\$35,768)	(\$45,542)	(\$46,690)	(\$42,682)	(\$28,624)
Total	(\$169,436)	(\$114,471)	(\$135,792)	(\$327,495)	(\$371,384)	(\$345,449)	(\$375,114)	(\$398,903)	(\$390,465)	\$ (292,057)
Change										
APCO	\$523	\$8,455	\$6,194	\$1,232	(\$29)	\$141	\$10	(\$24)	\$58	\$1,840
I&M	\$4,767	\$26,779	\$31,041	\$25,584	\$3,884	\$7,506	\$5,813	\$5,757	\$6,197	\$13,037
KPCO	\$2,210	\$54	\$163	\$454	\$792	\$500	\$859	\$1,140	\$740	\$768
Total	\$7,500	\$35,287	\$37,398	\$27,270	\$4,647	\$8,147	\$6,682	\$6,874	\$6,995	\$ 15,645

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NEC (TOTAL) COST (\$000)										
BASE STAND ALONE CASE 12/16/11										
APCO	\$ 1,404,380	\$ 1,477,007	\$ 1,472,941	\$ 1,538,846	\$ 1,552,128	\$ 1,607,049	\$ 1,636,773	\$ 1,681,515	\$ 1,728,074	\$ 1,566,524
I&M	\$ 541,772	\$ 564,344	\$ 563,273	\$ 589,449	\$ 573,499	\$ 576,314	\$ 594,944	\$ 607,070	\$ 626,577	\$ 581,916
KPCO	\$ 288,054	\$ 310,444	\$ 299,807	\$ 297,916	\$ 292,170	\$ 298,397	\$ 306,321	\$ 313,361	\$ 321,361	\$ 303,092
Total	\$ 2,234,206	\$ 2,351,795	\$ 2,336,021	\$ 2,426,211	\$ 2,417,797	\$ 2,481,760	\$ 2,538,037	\$ 2,601,947	\$ 2,676,011	\$ 2,451,532
POWER COST SHARING AGREEMENT 12/16/11										
APCO	\$ 1,401,535	\$ 1,470,670	\$ 1,466,796	\$ 1,535,766	\$ 1,549,941	\$ 1,604,970	\$ 1,633,332	\$ 1,677,676	\$ 1,724,653	\$ 1,562,815
I&M	\$ 539,580	\$ 550,044	\$ 547,383	\$ 577,814	\$ 571,329	\$ 572,796	\$ 592,326	\$ 603,612	\$ 623,445	\$ 575,370
KPCO	\$ 283,165	\$ 294,367	\$ 282,923	\$ 283,441	\$ 289,253	\$ 294,065	\$ 303,734	\$ 310,307	\$ 319,223	\$ 295,609
Total	\$ 2,224,281	\$ 2,315,081	\$ 2,297,102	\$ 2,397,021	\$ 2,410,522	\$ 2,471,830	\$ 2,529,393	\$ 2,591,595	\$ 2,667,320	\$ 2,433,794
Change										
APCO	(\$2,845)	(\$6,337)	(\$6,146)	(\$3,080)	(\$2,188)	(\$2,079)	(\$3,440)	(\$3,839)	(\$3,421)	\$ (3,708)
I&M	(\$2,192)	(\$14,300)	(\$15,890)	(\$11,635)	(\$2,170)	(\$3,518)	(\$2,618)	(\$3,459)	(\$3,131)	\$ (6,546)
KPCO	(\$4,889)	(\$16,077)	(\$16,884)	(\$14,475)	(\$2,917)	(\$4,332)	(\$2,586)	(\$3,054)	(\$2,138)	\$ (7,484)
Total	\$ (9,925)	\$ (36,714)	\$ (38,919)	\$ (29,190)	\$ (7,275)	\$ (9,929)	\$ (8,644)	\$ (10,352)	\$ (8,691)	\$ (17,738)

(a) All wholesale sales (Buckeye contracts, CSWTIE) are assigned to OPCo.

Year	Enter start year	2014	2015	2016	2017	2018	2019	2020	2021
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Pool Sales made by:

APCo	MWh	61,929	516,543	501,701	109,424	52	33,357	0	912	22
	Cost (\$)	2,072,756	18,955,740	18,176,482	4,437,186	2,035	1,366,879	0	37,697	880
	Margin(\$)	384,373	5,352,900	4,299,408	1,152,074	829	260,447	0	13,401	68
	Total (\$)	2,457,129	24,308,639	22,475,889	5,589,260	2,864	1,627,326	0	51,098	948
	Margin (\$000)	384.4	5352.9	4299.4	1152.1	0.8	260.4	0.0	13.4	0.1

I&M	MWh	416,563	1,350,867	1,576,547	1,172,817	188,599	375,224	275,016	267,764	272,156
	Cost (\$)	12,858,566	45,258,334	49,061,399	34,585,089	5,546,632	11,466,360	8,361,212	8,241,053	8,694,611
	Margin(\$)	2,645,507	13,965,822	16,338,665	14,013,105	2,034,478	4,136,435	3,143,040	3,498,510	3,208,467
	Total (\$)	15,504,073	59,224,156	65,400,065	48,598,194	7,581,110	15,602,795	11,504,253	11,739,563	11,903,078
	Margin (\$000)	2645.5	13965.8	16338.7	14013.1	2034.5	4136.4	3143.0	3498.5	3208.5

KPCo	MWh	87,432	2,228	38	243	22,519	14,750	33,638	56,268	28,627
	Cost (\$)	3,216,692	82,218	1,313	8,706	785,708	533,930	1,149,027	2,110,776	1,071,604
	Margin(\$)	437,467	19,837	160	347	173,943	97,134	307,036	448,697	253,850
	Total (\$)	3,654,159	102,056	1,473	9,054	959,651	631,064	1,456,063	2,559,474	1,325,455
	Margin (\$000)	437.5	19.8	0.2	0.3	173.9	97.1	307.0	448.7	253.9

OFF-SYSTEM SALES MARGIN, SUMMARY - Region (\$000)

(excluding: CP&L Unit Power sales, Mgmt. Adjust

Region: **EAST**

APCo

Case Description: **0**

	2013	2014	2015	2016	2017	2018	2019	2020	2021
Energy Margin:									
Committed Sales (Hedge Book)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Less Hedge Purchases									
= Committed Sales (Hedge Book)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Uncommitted / Market Sales Margin									
Weekday, 5 x 16 (OVEC DEMAND)	61,854.4	49,198.9	50,235.4	63,784.8	67,086.3	56,621.2	66,304.4	71,420.8	58,664.8
Weeknight (incl. Dump)	177.8	293.6	349.3	1,280.1	2,226.1	2,164.0	2,656.0	2,758.6	2,852.7
Weekend	8,774.7	6,139.9	7,101.0	12,866.6	14,924.3	12,011.1	14,611.4	12,971.5	11,899.7
Management Adjustment	0	0	0	0	0	0	0	0	0
= Market Sales Margin	70,807.0	55,632.4	57,685.8	77,931.5	84,236.6	70,796.3	83,571.8	87,150.9	73,417.3
Energy Margin on Sale of OVEC Purch.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Less OVEC Sale Demand Charge	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
= Net OVEC OSS Margin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal - Energy Margin	70,807.0	55,632.4	57,685.8	77,931.5	84,236.6	70,796.3	83,571.8	87,150.9	73,417.3
Demand Revenue / Margin:									
Demand Revenue - Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Less OVEC Sale Demand Charge (Recovered in COGS)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
= Demand Rev. (re: Hedge Book)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OSS MARGIN (before OPC recovery, net of PP)	70,807.0	55,632.4	57,685.8	77,931.5	84,236.6	70,796.3	83,571.8	87,150.9	73,417.3
Pulls to Margin tab	TOTAL OSS MARGIN (net of PP)								
	70,807.0	55,632.4	57,685.8	77,931.5	84,236.6	70,796.3	83,571.8	87,150.9	73,417.3

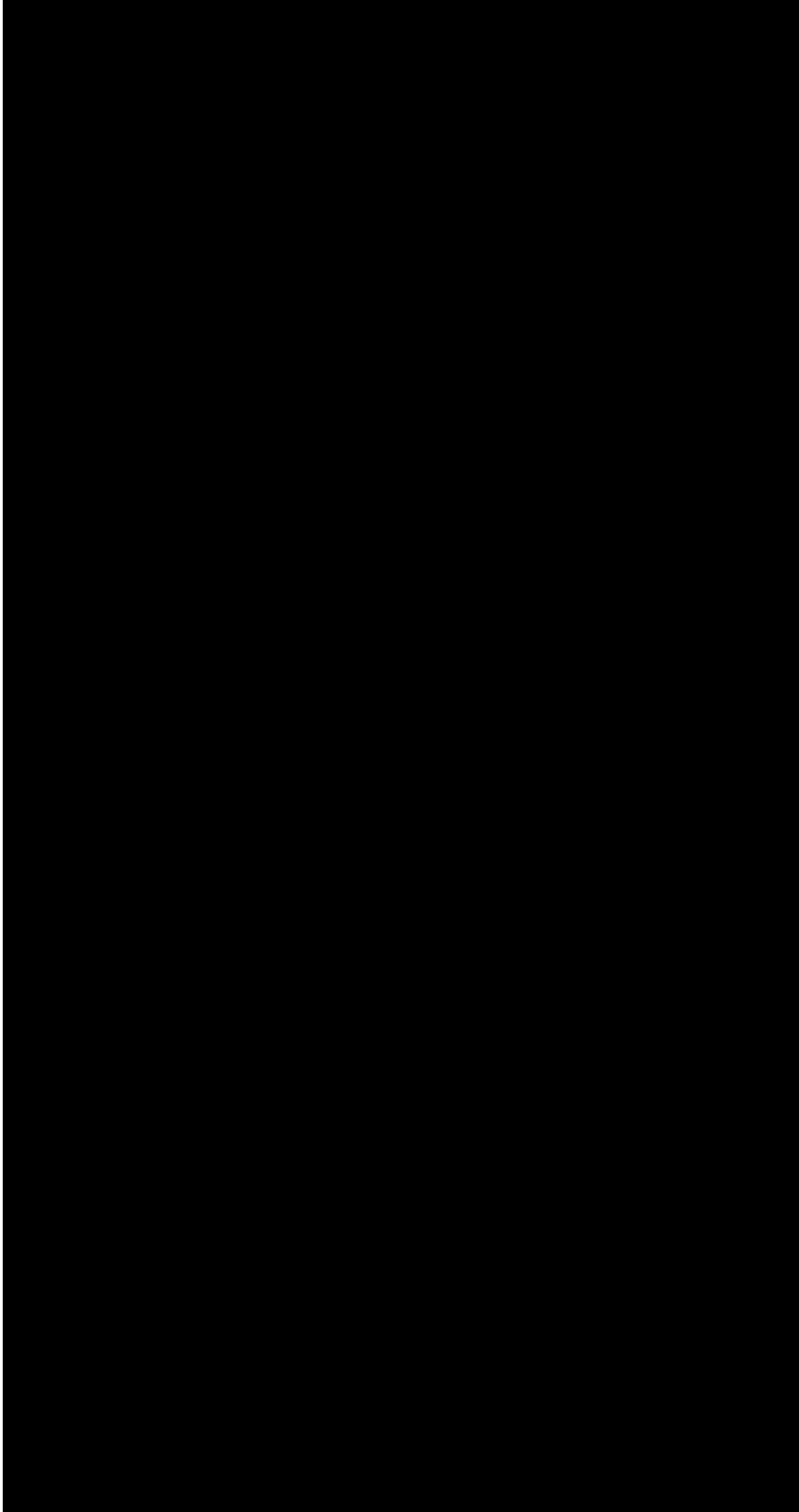
Case Description: 12-16-11 PRIVILEGED AND CONFIDENTIAL PREPARED AT THE (2013-21) -- MEETS NS
I&M

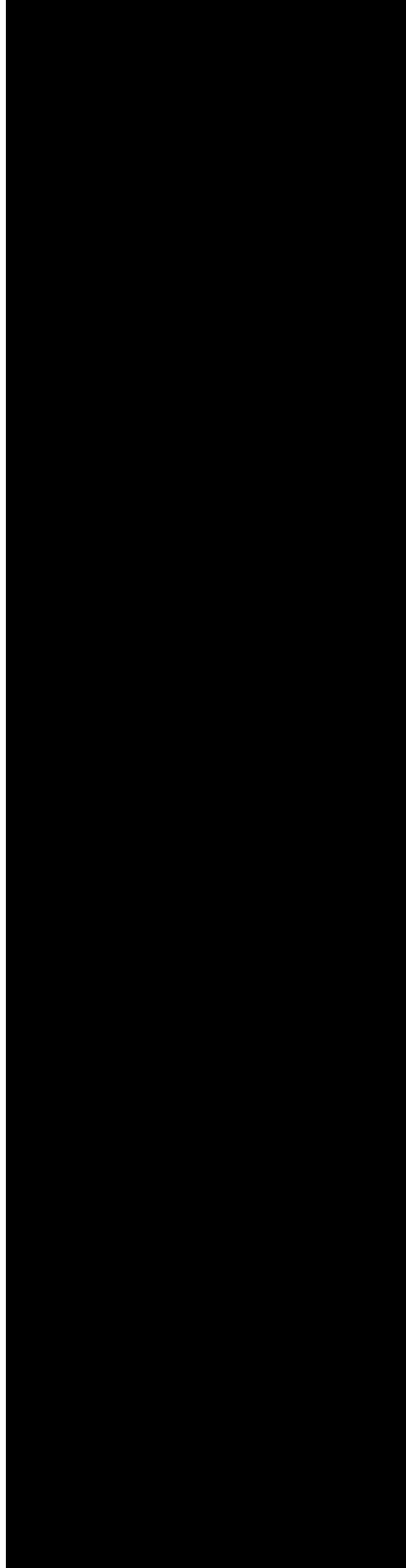
	2013	2014	2015	2016	2017	2018	2019	2020	2021
Energy Margin:									
Committed Sales (Hedge Book)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Less Hedge Purchases									
= Committed Sales (Hedge Book)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Uncommitted / Market Sales Margin									
Weekday, 5 x 16	74,698.0	53,191.2	62,370.0	152,578.2	170,270.5	166,749.6	156,796.4	176,756.0	179,843.6
Weeknight (incl. Dump)	-5,367.0	-5,638.9	-3,753.1	9,773.5	15,141.2	16,273.4	19,114.0	18,792.4	21,005.5
Weekend	15,586.4	11,309.9	19,506.0	58,341.0	57,343.6	55,861.8	70,089.8	69,513.3	73,516.2
Management Adjustment	0	0	0	0	0	0	0	0	0
= Market Sales Margin	84,917.4	58,862.3	78,123.0	220,692.7	242,755.2	238,884.8	246,000.2	265,061.8	274,365.3
Energy Margin on Sale of OVEC Purch.									
Energy Margin on Sale of OVEC Purch.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Less OVEC Sale Demand Charge	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
= Net OVEC OSS Margin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal - Energy Margin	84,917.4	58,862.3	78,123.0	220,692.7	242,755.2	238,884.8	246,000.2	265,061.8	274,365.3
Demand Revenue / Margin:									
Demand Revenue - Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Less OVEC Sale Demand Charge (Recovered in COGS)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
= Demand Rev. (re: Hedge Book)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OSS MARGIN (before OPC recovery, net of PP)	84,917.4	58,862.3	78,123.0	220,692.7	242,755.2	238,884.8	246,000.2	265,061.8	274,365.3

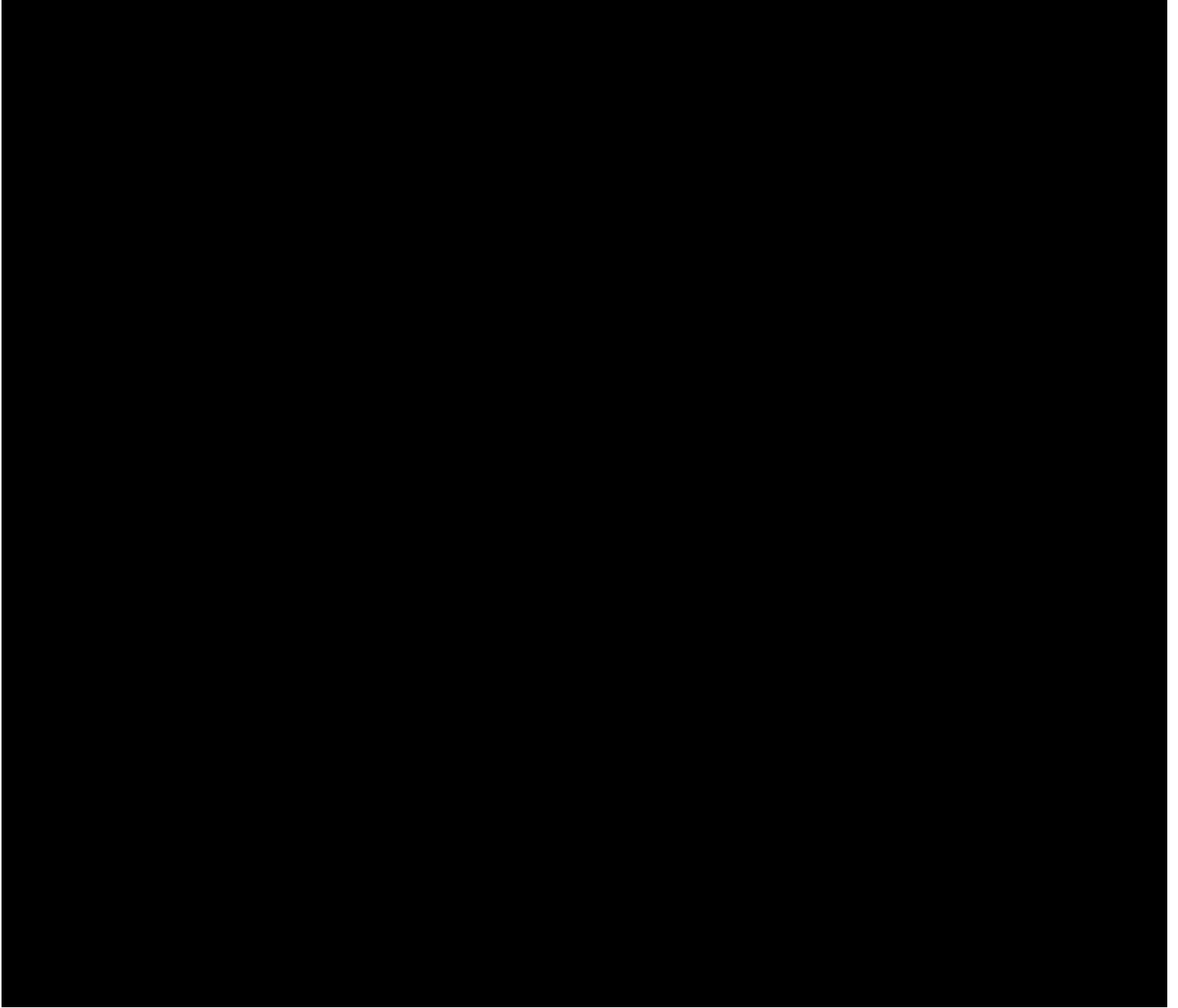
Pulls to Margin tab	TOTAL OSS MARGIN (net of PP)	84,917.4	58,862.3	78,123.0	220,692.7	242,755.2	238,884.8	246,000.2	265,061.8	274,365.3
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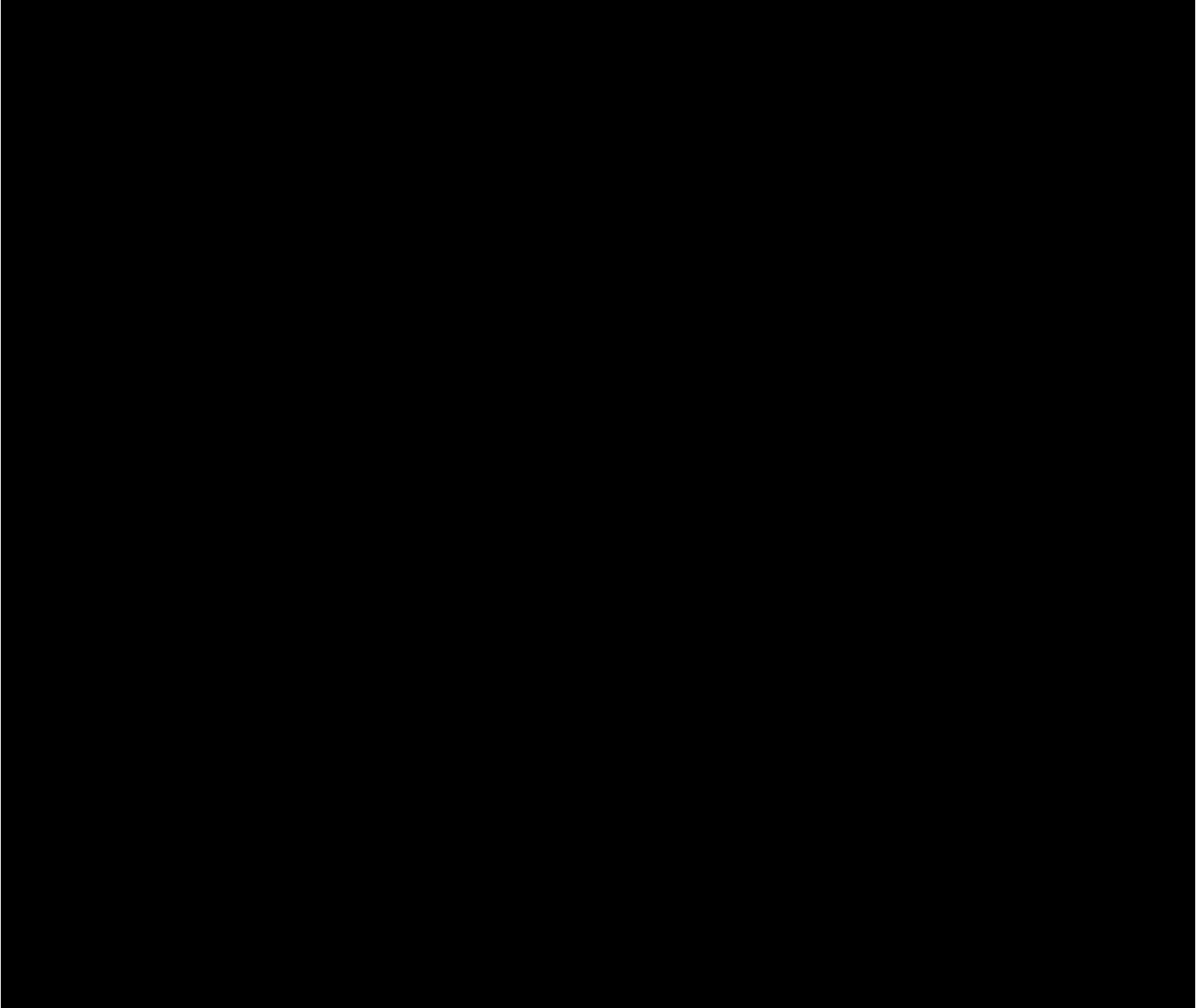
Case Description: **STAND ALONE - (2014-2018) AUG 29 2011 -- MEETS NSR/TRANSPORT LIMITS FOR SO**
KPCo

	2013	2014	2015	2016	2017	2018	2019	2020	2021	
Energy Margin:										
Committed Sales (Hedge Book)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Less Hedge Purchases										
= Committed Sales (Hedge Book)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Uncommitted / Market Sales Margin										
Weekday, 5 x 16	13,998.6	6.0	145.4	22,062.0	32,607.9	25,726.0	33,516.4	34,556.8	30,889.2	
Weeknight (incl. Dump)	-877.1	-21.1	-60.9	745.6	2,169.4	2,095.6	2,223.0	2,383.0	2,409.3	
Weekend	590.7	-8.9	-101.4	6,063.2	9,615.2	7,946.3	9,802.7	9,750.4	9,383.5	
Management Adjustment	0	0	0	0	0	0	0	0	0	
= Market Sales Margin	13,712.1	-24.0	-16.8	28,870.7	44,392.5	35,767.9	45,542.2	46,690.2	42,682.0	
Energy Margin on Sale of OVEC Purch.										
Less OVEC Sale Demand Charge										
= Net OVEC OSS Margin										
Subtotal - Energy Margin	13,712.1	-24.0	-16.8	28,870.7	44,392.5	35,767.9	45,542.2	46,690.2	42,682.0	
Demand Revenue / Margin:										
Demand Revenue - Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Less OVEC Sale Demand Charge (Recovered in COGS)										
= Demand Rev. (re: Hedge Book)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
OSS MARGIN (before OPC recovery, net of PP)	13,712.1	-24.0	-16.8	28,870.7	44,392.5	35,767.9	45,542.2	46,690.2	42,682.0	
Pulls to Margin tab	TOTAL OSS MARGIN (net of PP)	13,712.1	-24.0	-16.8	28,870.7	44,392.5	35,767.9	45,542.2	46,690.2	42,682.0









SALES, TOTAL DETAIL - Company

Company Name: **APCo Needs pool Analysis**

Case Description: **12-16-11 PRIVILEGED AND CONFIDENTIAL PREPARED AT THE (2013-21) -- MEETS NSR**

Scenario Id: **923**

		2013	2014	2015	2016	2017	2018	2019	2020	2021	
Unservd (Dump) Energy	Billed (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Replacement (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Margin (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	151 Fuel (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Demand (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	GWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Total Rev.\$/MWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Replacement \$/MWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Fuel \$/MWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Fuel / Replacement	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Margin \$/MWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Weekday Market Sales	Billed (\$000)	212,712.58	142,931.77	163,995.20	191,050.30	208,853.03	178,467.62	213,586.75	223,304.14	190,945.89	
	Replacement (\$000)	150,858.14	93,732.89	113,759.76	127,265.51	141,766.74	121,846.42	147,282.38	151,883.32	132,281.10	
	Margin (\$000)	61,854.43	49,198.87	50,235.44	63,784.79	67,086.29	56,621.20	66,304.36	71,420.82	58,664.79	
	151 Fuel (\$000)	123,591.81	78,686.08	101,564.62	114,981.76	127,923.09	111,186.91	133,763.75	138,086.74	120,870.29	
	Demand (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	GWh	3,906.2	2,343.4	2,737.7	2,770.8	3,107.8	2,546.7	3,133.9	3,196.1	2,658.0	
	Total Rev.\$/MWh	54.46	60.99	59.90	68.95	67.20	70.08	68.15	69.87	71.84	
	Replacement \$/MWh	38.6	40.0	41.6	45.9	45.6	47.8	47.0	47.5	49.8	
	Fuel \$/MWh	31.64	33.58	37.10	41.50	41.16	43.66	42.68	43.21	45.47	
	Fuel / Replacement	0.82	0.84	0.89	0.90	0.90	0.91	0.91	0.91	0.91	
Margin \$/MWh	15.84	20.99	18.35	23.02	21.59	22.23	21.16	22.35	22.07		
Weekend Market Sales	Billed (\$000)	46,650.13	27,527.09	37,018.42	53,928.01	63,291.72	52,806.98	63,383.82	60,404.72	57,629.84	
	Replacement (\$000)	37,875.39	21,387.20	29,917.38	41,061.40	48,367.42	40,795.86	48,772.39	47,433.21	45,730.09	
	Margin (\$000)	8,774.75	6,139.89	7,101.04	12,866.62	14,924.29	12,011.12	14,611.43	12,971.51	11,899.74	
	151 Fuel (\$000)	30,987.50	18,001.21	26,717.28	37,087.30	43,721.21	37,316.65	44,312.48	43,225.83	41,804.12	
	Demand (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	GWh	976.8	518.7	717.2	904.5	1,058.0	847.8	1,044.2	984.0	927.3	
	Total Rev.\$/MWh	47.76	53.07	51.62	59.62	59.82	62.29	60.70	61.39	62.15	
	Replacement \$/MWh	38.8	41.2	41.7	45.4	45.7	48.1	46.7	48.2	49.3	
	Fuel \$/MWh	31.72	34.70	37.25	41.00	41.33	44.02	42.44	43.93	45.08	
	Fuel / Replacement	0.82	0.84	0.89	0.90	0.90	0.91	0.91	0.91	0.91	
Margin \$/MWh	8.98	11.84	9.90	14.23	14.11	14.17	13.99	13.18	12.83		
Weeknight Market Sales	Billed (\$000)	2,529.84	2,582.27	3,845.19	12,303.64	20,917.62	21,020.23	23,986.80	24,395.10	25,681.68	
	Replacement (\$000)	2,352.05	2,288.62	3,495.87	11,023.58	18,691.57	18,856.27	21,330.76	21,636.55	22,828.95	
	Margin (\$000)	177.79	293.65	349.32	1,280.07	2,226.05	2,163.96	2,656.04	2,758.55	2,852.73	
	151 Fuel (\$000)	1,917.99	1,888.74	3,142.67	10,011.84	16,960.07	17,228.11	19,464.69	19,755.61	20,884.36	
	Demand (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	GWh	70.9	65.4	96.0	295.5	494.1	488.9	545.8	543.6	560.4	
	Total Rev.\$/MWh	35.66	39.46	40.04	41.63	42.34	43.00	43.95	44.88	45.83	
	Replacement \$/MWh	33.2	35.0	36.4	37.3	37.8	38.6	39.1	39.8	40.7	
	Fuel \$/MWh	27.03	28.86	32.72	33.88	34.33	35.24	35.67	36.34	37.27	
	Fuel / Replacement	0.82	0.83	0.90	0.91	0.91	0.91	0.91	0.91	0.91	
Margin \$/MWh	2.51	4.49	3.64	4.33	4.51	4.43	4.87	5.07	5.09		

Weekday Market Sales	Billed (\$000)	194,338.16	124,561.66	138,442.88	288,115.20	321,901.12	319,338.51	298,174.91	332,657.21	340,826.61
	Replacement (\$000)	119,640.17	71,370.42	76,072.87	135,537.03	151,630.63	152,588.94	141,378.50	155,901.18	160,982.98
	Margin (\$000)	74,697.99	53,191.24	62,370.02	152,578.17	170,270.49	166,749.56	156,796.41	176,756.03	179,843.64
	151 Fuel (\$000)	97,830.33	57,756.73	66,047.35	114,530.44	129,207.16	130,842.64	120,177.18	133,018.95	136,548.84
	Demand (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GWh	3,770.6	2,078.4	2,325.9	4,437.7	5,012.7	4,908.3	4,451.3	4,883.6	4,941.0
	Total Rev.\$/MWh	51.54	59.93	59.52	64.92	64.22	65.06	66.99	68.12	68.98
	Replacement \$/MWh	31.7	34.3	32.7	30.5	30.2	31.1	31.8	31.9	32.6
	Fuel \$/MWh	25.95	27.79	28.40	25.81	25.78	26.66	27.00	27.24	27.64
	Fuel / Replacement	0.82	0.81	0.87	0.85	0.85	0.86	0.85	0.85	0.85
	Margin \$/MWh	19.81	25.59	26.82	34.38	33.97	33.97	35.22	36.19	36.40
Weekend Market Sales	Billed (\$000)	107,069.55	60,699.35	93,653.74	181,188.61	178,517.46	176,486.54	192,055.28	201,059.48	206,311.06
	Replacement (\$000)	91,483.16	49,389.42	74,147.72	122,847.61	121,173.89	120,624.73	121,965.48	131,546.15	132,794.85
	Margin (\$000)	15,586.39	11,309.93	19,506.02	58,341.00	57,343.57	55,861.81	70,089.79	69,513.33	73,516.22
	151 Fuel (\$000)	74,624.71	40,116.57	64,478.68	103,781.63	103,367.03	103,501.87	103,647.42	112,171.74	112,576.64
	Demand (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GWh	2,797.8	1,342.5	2,205.3	3,969.7	3,980.6	3,853.3	3,894.4	4,129.2	4,093.0
	Total Rev.\$/MWh	38.27	45.21	42.47	45.64	44.85	45.80	49.32	48.69	50.41
	Replacement \$/MWh	32.7	36.8	33.6	30.9	30.4	31.3	31.3	31.9	32.4
	Fuel \$/MWh	26.67	29.88	29.24	26.14	25.97	26.86	26.61	27.17	27.50
	Fuel / Replacement	0.82	0.81	0.87	0.84	0.85	0.86	0.85	0.85	0.85
	Margin \$/MWh	5.57	8.42	8.84	14.70	14.41	14.50	18.00	16.83	17.96
Weeknight Market Sales	Billed (\$000)	26,202.41	13,657.12	28,703.51	83,112.34	82,236.73	86,873.23	86,532.86	87,102.10	90,396.52
	Replacement (\$000)	31,569.40	19,296.02	32,456.58	73,338.82	67,095.56	70,599.84	67,418.82	68,309.68	69,391.03
	Margin (\$000)	-5,366.98	-5,638.90	-3,753.07	9,773.52	15,141.17	16,273.39	19,114.04	18,792.43	21,005.49
	151 Fuel (\$000)	25,721.32	15,696.71	28,167.27	61,971.40	57,204.76	60,673.56	57,326.20	58,284.50	58,795.01
	Demand (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GWh	931.9	469.6	934.0	2,380.3	2,186.6	2,255.7	2,145.0	2,121.7	2,118.1
	Total Rev.\$/MWh	28.12	29.08	30.73	34.92	37.61	38.51	40.34	41.05	42.68
	Replacement \$/MWh	33.9	41.1	34.7	30.8	30.7	31.3	31.4	32.2	32.8
	Fuel \$/MWh	27.60	33.42	30.16	26.03	26.16	26.90	26.73	27.47	27.76
	Fuel / Replacement	0.81	0.81	0.87	0.85	0.85	0.86	0.85	0.85	0.85
	Margin \$/MWh	-5.76	-12.01	-4.02	4.11	6.92	7.21	8.91	8.86	9.92
	TOTAL REV. (\$000)	327,610.11	198,918.13	260,800.13	552,416.15	582,655.32	582,698.28	576,763.05	620,818.79	637,551.88
	TOTAL COST (\$000)	242,692.73	140,055.85	182,677.17	331,723.46	339,900.08	343,813.51	330,762.80	355,757.01	363,168.85
	TOTAL MARGIN (\$000)	84,917.39	58,862.28	78,122.97	220,692.68	242,755.23	238,884.76	246,000.24	265,061.79	274,365.34
	TOTAL 151 FUEL (\$000)	198,176.36	113,570.00	158,693.31	280,283.46	289,778.95	295,018.07	281,150.80	303,475.19	307,920.49
	TOTAL DEMAND (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL GWh	7,500.3	3,890.5	5,465.2	10,787.8	11,179.8	11,017.3	10,490.7	11,134.5	11,152.5
	TOTAL Rev. \$/MWh	43.68	51.13	47.72	51.21	52.12	52.89	54.98	55.76	57.17
	TOTAL Replace. \$/MWh	32.36	36.00	33.43	30.75	30.40	31.21	31.53	31.95	32.56
	TOTAL 151 \$/MWh	26.42	29.19	29.04	25.98	25.92	26.78	26.80	27.26	27.61
	TOT. 151 Fuel / Replace.	0.82	0.81	0.87	0.84	0.85	0.86	0.85	0.85	0.85
	TOTAL Margin \$/MWh	11.32	15.13	14.29	20.46	21.71	21.68	23.45	23.81	24.60

Company Name: **KPCo**

Case Description: **12-16-11 PRIVILEGED AND CONFIDENTIAL PREPARED AT THE (2013-21) -- MEETS NSR**

Scenario Id: **923**

		2013	2014	2015	2016	2017	2018	2019	2020	2021
Unservd (Dump) Energy	Billed (\$000)	3,773.06	80.17	497.35	2,288.74	2,813.00	1,973.03	2,430.91	2,828.21	1,964.32
	Replacement (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Margin (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	151 Fuel (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Demand (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GWh	96.9	2.0	13.4	61.8	73.8	51.1	61.5	70.4	47.8
	Total Rev.\$/MWh	38.92	40.73	37.07	37.02	38.11	38.63	39.51	40.17	41.09
	Replacement \$/MWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Fuel \$/MWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Fuel / Replacement	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Margin \$/MWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Weekday Market Sales	Billed (\$000)	45,823.64	39.19	567.50	52,822.20	81,533.66	64,409.24	81,330.36	83,228.93	75,684.66
	Replacement (\$000)	31,825.08	33.16	422.06	30,760.19	48,925.80	38,683.26	47,813.92	48,672.16	44,795.47
	Margin (\$000)	13,998.56	6.03	145.44	22,062.01	32,607.86	25,725.99	33,516.44	34,556.77	30,889.19
	151 Fuel (\$000)	28,484.04	34.39	622.68	27,652.80	43,746.46	34,711.02	42,681.93	43,820.70	39,879.07
	Demand (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GWh	871.3	0.7	6.6	810.2	1,297.5	998.5	1,242.7	1,254.0	1,113.2
	Total Rev.\$/MWh	52.59	56.96	85.97	65.20	62.84	64.50	65.44	66.37	67.99
	Replacement \$/MWh	36.5	48.2	63.9	38.0	37.7	38.7	38.5	38.8	40.2
	Fuel \$/MWh	32.69	49.99	94.33	34.13	33.72	34.76	34.35	34.94	35.82
	Fuel / Replacement	0.90	1.04	1.48	0.90	0.89	0.90	0.89	0.90	0.89
	Margin \$/MWh	16.07	8.76	22.03	27.23	25.13	25.76	26.97	27.56	27.75
Weekend Market Sales	Billed (\$000)	7,425.59	76.84	249.43	22,425.46	34,411.79	27,734.71	33,226.55	34,636.95	33,830.68
	Replacement (\$000)	6,834.94	85.76	350.81	16,362.30	24,796.60	19,788.37	23,423.83	24,886.52	24,447.16
	Margin (\$000)	590.65	-8.92	-101.38	6,063.16	9,615.19	7,946.35	9,802.72	9,750.43	9,383.52
	151 Fuel (\$000)	6,369.85	116.90	495.62	14,730.50	22,112.27	17,715.56	20,878.60	22,362.75	21,717.06
	Demand (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GWh	187.1	1.9	8.8	452.9	683.0	530.0	625.8	658.8	626.7
	Total Rev.\$/MWh	39.69	40.87	28.41	49.51	50.38	52.33	53.09	52.57	53.98
	Replacement \$/MWh	36.5	45.6	40.0	36.1	36.3	37.3	37.4	37.8	39.0
	Fuel \$/MWh	34.05	62.17	56.45	32.52	32.38	33.42	33.36	33.94	34.65
	Fuel / Replacement	0.93	1.36	1.41	0.90	0.89	0.90	0.89	0.90	0.89
	Margin \$/MWh	3.16	-4.74	-11.55	13.39	14.08	14.99	15.66	14.80	14.97

Weeknight Market Sales

Billed (\$000)	2,213.07	32.10	205.46	8,656.90	17,151.63	15,672.25	16,742.96	17,280.25	15,941.66
Replacement (\$000)	3,090.19	53.17	266.35	7,911.32	14,982.18	13,576.69	14,519.93	14,897.24	13,532.33
Margin (\$000)	-877.13	-21.07	-60.89	745.57	2,169.44	2,095.56	2,223.03	2,383.01	2,409.33
151 Fuel (\$000)	2,945.95	94.99	398.14	7,177.86	13,437.70	12,192.12	13,021.70	13,456.78	12,114.43
Demand (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GWh	84.0	1.3	7.1	231.8	426.6	379.2	397.6	403.3	354.4
Total Rev.\$/MWh	26.34	24.64	29.09	37.35	40.21	41.33	42.11	42.85	44.98
Replacement \$/MWh	36.8	40.8	37.7	34.1	35.1	35.8	36.5	36.9	38.2
Fuel \$/MWh	35.06	72.90	56.38	30.97	31.50	32.16	32.75	33.37	34.18
Fuel / Replacement	0.95	1.79	1.49	0.91	0.90	0.90	0.90	0.90	0.90
Margin \$/MWh	-10.44	-16.17	-8.62	3.22	5.09	5.53	5.59	5.91	6.80
TOTAL REV. (\$000)	59,235.36	228.31	1,519.74	86,193.29	135,910.08	109,789.24	133,730.77	137,974.34	127,421.31
TOTAL COST (\$000)	41,750.21	172.10	1,039.22	55,033.82	88,704.58	72,048.32	85,757.68	88,455.92	82,774.95
TOTAL MARGIN (\$000)	13,712.09	-23.96	-16.83	28,870.74	44,392.49	35,767.90	45,542.18	46,690.21	42,682.05
TOTAL 151 FUEL (\$000)	37,799.83	246.28	1,516.44	49,561.16	79,296.43	64,618.71	76,582.22	79,640.23	73,710.55
TOTAL DEMAND (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL GWh	1,239.4	5.8	35.9	1,556.7	2,480.9	1,958.8	2,327.7	2,386.6	2,142.1
TOTAL Rev. \$/MWh	47.79	39.10	42.38	55.37	54.78	56.05	57.45	57.81	59.48
TOTAL Replace. \$/MWh	33.69	29.47	28.98	35.35	35.75	36.78	36.84	37.06	38.64
TOTAL 151 \$/MWh	30.50	42.17	42.29	31.84	31.96	32.99	32.90	33.37	34.41
TOT. 151 Fuel / Replace.	0.91	1.43	1.46	0.90	0.89	0.90	0.89	0.90	0.89
TOTAL Margin \$/MWh	11.06	-4.10	-0.47	18.55	17.89	18.26	19.57	19.56	19.93

SALES, TOTAL DETAIL - Company

Company Name: **APCo**

Case Description: **12-16-11 PRIVILEGED AND CONFIDENTIAL PREPARED AT THE (2013-21) -- MEETS NSR**

Scenario Id: **1098**

		2013	2014	2015	2016	2017	2018	2019	2020	2021
Unservd (Dump) Energy	Billed (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Replacement (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Margin (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	151 Fuel (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Demand (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total Rev./MWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Replacement \$/MWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Fuel \$/MWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Fuel / Replacement	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Margin \$/MWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Weekday Market Sales	Billed (\$000)	215,193.12	167,311.44	188,354.36	196,616.78	208,836.14	179,996.26	213,592.68	223,350.89	190,989.37
	Replacement (\$000)	152,834.10	110,786.49	132,354.65	131,782.16	141,770.26	123,245.73	147,282.44	151,946.55	132,281.58
	Margin (\$000)	62,359.02	56,524.95	55,999.71	64,834.61	67,065.88	56,750.53	66,310.24	71,404.34	58,707.80
	151 Fuel (\$000)	125,234.71	93,197.44	118,263.78	119,211.33	127,926.40	112,526.14	133,763.81	138,149.13	120,870.79
	Demand (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GWh	3,960.2	2,760.1	3,193.6	2,860.0	3,107.9	2,574.4	3,133.9	3,197.0	2,658.0
	Total Rev./MWh	54.34	60.62	58.98	68.75	67.20	69.92	68.16	69.86	71.85
	Replacement \$/MWh	38.6	40.1	41.4	46.1	45.6	47.9	47.0	47.5	49.8
	Fuel \$/MWh	31.62	33.77	37.03	41.68	41.16	43.71	42.68	43.21	45.47
	Fuel / Replacement	0.82	0.84	0.89	0.90	0.90	0.91	0.91	0.91	0.91
Margin \$/MWh	15.75	20.48	17.54	22.67	21.58	22.04	21.16	22.33	22.09	

Weekend Market Sales	Billed (\$000)	46,933.87	32,755.92	39,325.18	54,962.36	63,285.04	53,086.92	63,387.66	60,399.11	57,641.04
	Replacement (\$000)	38,140.10	25,491.52	31,796.84	41,914.14	48,367.44	41,059.76	48,772.54	47,433.25	45,730.32
	Margin (\$000)	8,793.77	7,264.41	7,528.33	13,048.21	14,917.60	12,027.16	14,615.12	12,965.86	11,910.72
	151 Fuel (\$000)	31,207.72	21,486.94	28,420.57	37,885.40	43,721.29	37,569.41	44,312.63	43,225.88	41,804.35
	Demand (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GWh	984.2	617.6	760.2	922.1	1,058.0	852.9	1,044.2	984.0	927.3
	Total Rev./MWh	47.69	53.04	51.73	59.61	59.82	62.24	60.70	61.38	62.16
	Replacement \$/MWh	38.8	41.3	41.8	45.5	45.7	48.1	46.7	48.2	49.3
	Fuel \$/MWh	31.71	34.79	37.38	41.09	41.33	44.05	42.44	43.93	45.08
	Fuel / Replacement	0.82	0.84	0.89	0.90	0.90	0.91	0.91	0.91	0.91
Margin \$/MWh	8.94	11.76	9.90	14.15	14.10	14.10	14.00	13.18	12.84	

Weeknight Market Sales	Billed (\$000)	2,547.49	2,620.13	3,960.26	12,416.00	20,916.09	21,047.06	23,987.63	24,393.61	25,686.12
	Replacement (\$000)	2,370.05	2,322.46	3,608.07	11,135.55	18,691.65	18,887.64	21,330.81	21,636.65	22,829.21
	Margin (\$000)	177.44	297.67	352.19	1,280.45	2,224.45	2,159.42	2,656.81	2,756.96	2,856.91
	151 Fuel (\$000)	1,932.98	1,919.26	3,243.29	10,115.70	16,960.15	17,258.14	19,464.75	19,755.72	20,884.60
	Demand (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GWh	71.4	66.3	98.8	298.2	494.1	489.5	545.8	543.6	560.4
	Total Rev./MWh	35.66	39.52	40.10	41.64	42.33	43.00	43.95	44.87	45.83
	Replacement \$/MWh	33.2	35.0	36.5	37.3	37.8	38.6	39.1	39.8	40.7
	Fuel \$/MWh	27.06	28.95	32.84	33.93	34.33	35.26	35.67	36.34	37.27
	Fuel / Replacement	0.82	0.83	0.90	0.91	0.91	0.91	0.91	0.91	0.91
Margin \$/MWh	2.48	4.49	3.57	4.29	4.50	4.41	4.87	5.07	5.10	

Total Cost	TOTAL REV. (\$000)	264,674.48	202,687.49	231,639.80	263,995.13	293,037.27	254,130.24	300,967.97	308,143.61	274,316.54
	TOTAL COST (\$000)	193,344.25	138,600.46	167,759.56	184,831.86	208,829.34	183,193.13	217,385.79	221,016.45	200,841.11
	TOTAL MARGIN (\$000)	71,330.23	64,087.02	63,880.24	79,163.27	84,207.92	70,937.11	83,582.17	87,127.16	73,475.43
151	TOTAL 151 FUEL (\$000)	158,375.41	116,603.64	149,927.65	167,212.43	188,607.85	167,353.70	197,541.19	201,130.73	183,559.75
	TOTAL DEMAND (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL GWh	5,015.9	3,444.1	4,052.6	4,080.2	4,659.9	3,916.7	4,723.8	4,724.6	4,145.8
	TOTAL Rev. \$/MWh	52.77	58.85	57.16	64.70	62.88	64.88	63.71	65.22	66.17
	TOTAL Replace. \$/MWh	38.55	40.24	41.40	45.30	44.81	46.77	46.02	46.78	48.45
	TOTAL 151 \$/MWh	31.57	33.86	37.00	40.98	40.47	42.73	41.82	42.57	44.28
	TOT. 151 Fuel / Replace.	0.82	0.84	0.89	0.90	0.90	0.91	0.91	0.91	0.91
	TOTAL Margin \$/MWh	14.22	18.61	15.76	19.40	18.07	18.11	17.69	18.44	17.72

Company Name: **I&M**

Case Description: **12-16-11 PRIVILEGED AND CONFIDENTIAL PREPARED AT THE (2013-21) -- MEETS NSR**

Scenario Id: **1098**

	2013	2014	2015	2016	2017	2018	2019	2020	2021
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CP&L Unit Power	Billed (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Replacement (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Margin (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	151 Fuel (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Demand (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total Rev. \$/MWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Replacement \$/MWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Fuel \$/MWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Fuel / Replacement	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Margin \$/MWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NCEMC (Sales)	Billed (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Replacement (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Margin (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	151 Fuel (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Demand (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total Rev. \$/MWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Replacement \$/MWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Fuel \$/MWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Fuel / Replacement	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Margin \$/MWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Unservd (Dump) Energy	Billed (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.69
	Replacement (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Margin (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	151 Fuel (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Demand (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
	Total Rev. \$/MWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.61
	Replacement \$/MWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Fuel \$/MWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Fuel / Replacement	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Margin \$/MWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Weekday Market Sales	Billed (\$000)	206,626.95	177,375.95	197,608.66	327,316.32	326,155.79	330,721.88	306,358.11	342,032.48	347,901.72
	Replacement (\$000)	128,209.50	103,182.82	110,369.21	156,946.71	153,944.85	159,133.48	146,025.74	160,858.74	164,591.80
	Margin (\$000)	78,417.45	74,193.13	87,239.45	170,369.60	172,210.94	171,588.40	160,332.37	181,173.73	183,309.92
	151 Fuel (\$000)	104,911.93	83,511.95	96,049.94	132,723.15	131,181.24	136,718.42	124,216.09	137,265.31	139,599.39
	Demand (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GWh	4,036.0	3,014.9	3,401.0	5,101.5	5,089.9	5,109.0	4,590.0	5,030.2	5,050.1
	Total Rev. \$/MWh	51.20	58.83	58.10	64.16	64.08	64.73	66.75	68.00	68.89
	Replacement \$/MWh	31.8	34.2	32.5	30.8	30.2	31.1	31.8	32.0	32.6
	Fuel \$/MWh	25.99	27.70	28.24	26.02	25.77	26.76	27.06	27.29	27.64
	Fuel / Replacement	0.82	0.81	0.87	0.85	0.85	0.86	0.85	0.85	0.85
	Margin \$/MWh	19.43	24.61	25.65	33.40	33.83	33.59	34.93	36.02	36.30

Weekend Market Sales	Billed (\$000)	111,759.11	77,096.08	111,455.97	197,742.55	181,732.34	181,657.24	195,535.09	202,079.56	210,436.28
	Replacement (\$000)	95,351.88	60,826.30	87,123.33	133,507.78	123,210.62	124,302.81	124,268.43	132,541.48	135,681.33
	Margin (\$000)	16,407.23	16,269.79	24,332.63	64,234.77	58,521.72	57,354.42	71,266.65	69,538.08	74,754.95
	151 Fuel (\$000)	77,847.76	49,266.69	75,800.58	112,877.83	105,125.67	106,818.64	105,669.80	113,040.64	114,998.20
	Demand (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GWh	2,921.7	1,669.8	2,604.2	4,319.8	4,049.1	3,968.6	3,970.6	4,151.5	4,181.7
	Total Rev. \$/MWh	38.25	46.17	42.80	45.78	44.88	45.77	49.25	48.68	50.32
	Replacement \$/MWh	32.6	36.4	33.5	30.9	30.4	31.3	31.3	31.9	32.4
	Fuel \$/MWh	26.64	29.51	29.11	26.13	25.96	26.92	26.61	27.23	27.50
	Fuel / Replacement	0.82	0.81	0.87	0.85	0.85	0.86	0.85	0.85	0.85
	Margin \$/MWh	5.62	9.74	9.34	14.87	14.45	14.45	17.95	16.75	17.88

Weeknight Market Sales	Billed (\$000)	27,304.85	16,166.44	32,287.37	89,904.39	84,061.43	89,908.49	89,570.76	90,808.02	94,166.31
	Replacement (\$000)	32,445.30	20,988.58	34,695.35	78,232.05	68,154.64	72,460.07	69,356.74	70,700.74	71,668.45
	Margin (\$000)	-5,140.44	-4,822.14	-2,407.97	11,672.34	15,906.79	17,448.42	20,214.02	20,107.28	22,497.86
	151 Fuel (\$000)	26,450.06	17,017.06	30,078.66	66,174.23	58,103.83	62,295.51	58,983.76	60,312.22	60,733.92
	Demand (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GWh	959.1	517.8	1,000.5	2,539.4	2,221.1	2,313.6	2,205.1	2,193.9	2,187.4
	Total Rev. \$/MWh	28.47	31.22	32.27	35.40	37.85	38.86	40.62	41.39	43.05
	Replacement \$/MWh	33.8	40.5	34.7	30.8	30.7	31.3	31.5	32.2	32.8
	Fuel \$/MWh	27.58	32.86	30.06	26.06	26.16	26.93	26.75	27.49	27.77
	Fuel / Replacement	0.82	0.81	0.87	0.85	0.85	0.86	0.85	0.85	0.85
	Margin \$/MWh	-5.36	-9.31	-2.41	4.60	7.16	7.54	9.17	9.17	10.29

Total Cost	TOTAL REV. (\$000)	345,690.91	270,638.47	341,352.00	614,963.26	591,949.55	602,287.61	591,463.95	634,920.06	652,522.00
	TOTAL COST (\$000)	256,006.67	184,997.69	232,187.89	368,686.54	345,310.11	355,896.36	339,650.91	364,100.96	371,941.58
151	TOTAL MARGIN (\$000)	89,684.24	85,640.78	109,164.11	246,276.71	246,639.44	246,391.24	251,813.04	270,819.10	280,562.73
	TOTAL 151 FUEL (\$000)	209,209.75	149,795.69	201,929.18	311,775.20	294,410.73	305,832.57	288,869.65	310,618.18	315,331.52
	TOTAL DEMAND (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL GWh	7,916.9	5,202.4	7,005.7	11,960.7	11,360.1	11,391.2	10,765.7	11,375.7	11,419.6
	TOTAL Rev. \$/MWh	43.66	52.02	48.73	51.42	52.11	52.87	54.94	55.81	57.14

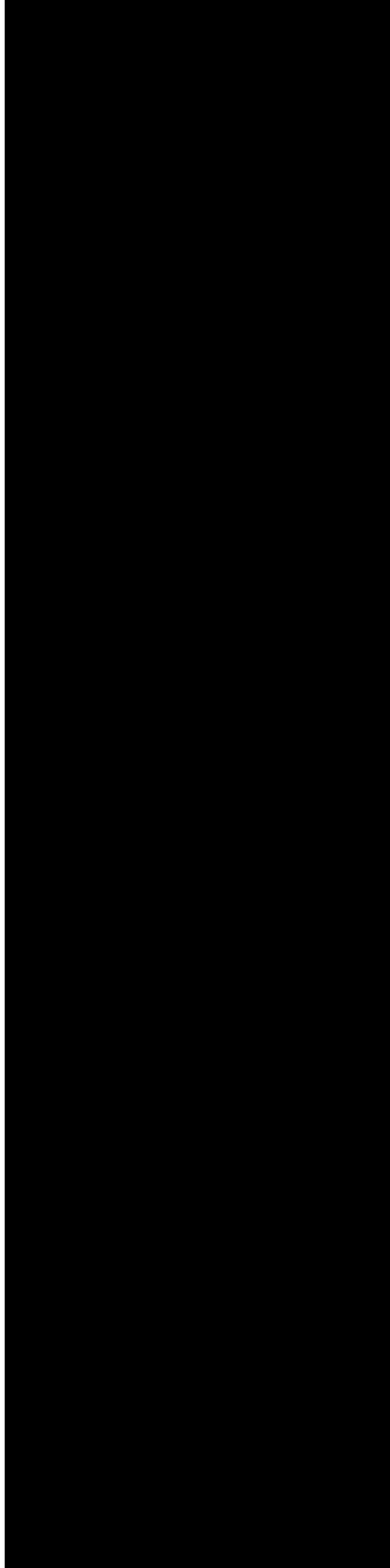
TOTAL Replace. \$/MWh	32.34	35.56	33.14	30.82	30.40	31.24	31.55	32.01	32.57
TOTAL 151 \$/MWh	26.43	28.79	28.82	26.07	25.92	26.85	26.83	27.31	27.61
TOT. 151 Fuel / Replace.	0.82	0.81	0.87	0.85	0.85	0.86	0.85	0.85	0.85
TOTAL Margin \$/MWh	11.33	16.46	15.58	20.59	21.71	21.63	23.39	23.81	24.57

Company Name: KPCo

Case Description: 12-16-11 PRIVILEGED AND CONFIDENTIAL PREPARED AT THE (2013-21) -- MEETS NSR

Scenario Id: 1098

		2013	2014	2015	2016	2017	2018	2019	2020	2021	
Unserviced (Dump) Energy	Billed (\$000)	3,773.06	80.17	497.35	2,288.74	2,813.00	1,973.03	2,430.91	2,828.21	1,964.32	
	Replacement (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Margin (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	151 Fuel (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Demand (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	GWh	96.9	2.0	13.4	61.8	73.8	51.1	61.5	70.4	47.8	
	Total Rev. \$/MWh	38.92	40.73	37.07	37.02	38.11	38.63	39.51	40.17	41.09	
	Replacement \$/MWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Fuel \$/MWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Fuel / Replacement	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Margin \$/MWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Weekday Market Sales	Billed (\$000)	49,240.38	135.94	566.66	52,800.83	82,020.91	64,606.43	82,296.46	84,882.59	76,342.47	
	Replacement (\$000)	34,551.03	115.48	421.07	30,744.59	49,283.11	38,835.43	48,505.28	49,910.67	45,232.35	
	Margin (\$000)	14,689.36	20.46	145.59	22,056.24	32,737.80	25,771.01	33,791.18	34,971.92	31,110.12	
	151 Fuel (\$000)	30,554.91	111.09	837.77	27,538.29	43,925.14	34,762.60	43,191.87	44,803.49	40,173.93	
	Demand (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	GWh	942.1	2.4	6.6	809.7	1,306.6	1,001.8	1,259.8	1,283.0	1,123.0	
	Total Rev. \$/MWh	52.27	56.21	86.19	65.21	62.77	64.49	65.33	66.16	67.98	
	Replacement \$/MWh	36.7	47.8	64.0	38.0	37.7	38.8	38.5	38.9	40.3	
	Fuel \$/MWh	32.43	45.94	127.43	34.01	33.62	34.70	34.28	34.92	35.77	
	Fuel / Replacement	0.88	0.96	1.99	0.90	0.89	0.90	0.89	0.90	0.89	
	Margin \$/MWh	15.59	8.46	22.15	27.24	25.06	25.72	26.82	27.26	27.70	
Weekend Market Sales	Billed (\$000)	6,876.60	83.36	83.80	21,548.90	33,716.81	27,213.64	32,878.63	34,454.77	33,425.67	
	Replacement (\$000)	5,663.29	74.03	83.80	15,209.64	23,675.31	18,987.48	22,716.52	24,253.23	23,774.36	
	Margin (\$000)	1,213.30	9.34	0.00	6,339.26	10,041.50	8,226.15	10,162.11	10,201.53	9,651.31	
	151 Fuel (\$000)	5,130.64	72.95	106.26	13,615.56	21,031.29	16,929.19	20,174.78	21,702.26	21,053.81	
	Demand (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	GWh	157.4	1.6	1.6	421.8	653.5	509.4	608.5	642.0	610.2	
	Total Rev. \$/MWh	43.68	53.30	53.00	51.09	51.59	53.42	54.04	53.67	54.78	
	Replacement \$/MWh	36.0	47.3	53.0	36.1	36.2	37.3	37.3	37.8	39.0	
	Fuel \$/MWh	32.59	46.64	67.21	32.28	32.18	33.23	33.16	33.81	34.50	
	Fuel / Replacement	0.91	0.99	1.27	0.90	0.89	0.89	0.89	0.89	0.89	
	Margin \$/MWh	7.71	5.97	0.00	15.03	15.37	16.15	16.70	15.89	15.82	
Weeknight Market Sales	Billed (\$000)	1,134.96	6.38	38.57	7,729.66	16,210.85	15,116.30	15,879.61	16,497.89	15,669.19	
	Replacement (\$000)	1,115.57	6.38	38.34	6,800.27	13,805.69	12,845.69	13,431.35	13,841.18	13,009.00	
	Margin (\$000)	19.39	0.00	0.23	929.38	2,405.16	2,270.61	2,448.26	2,656.70	2,660.19	
	151 Fuel (\$000)	1,012.94	6.35	76.32	6,126.79	12,302.24	11,477.24	11,980.36	12,427.22	11,581.45	
	Demand (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	GWh	33.5	0.1	0.9	201.8	395.7	360.1	370.0	377.0	341.9	
	Total Rev. \$/MWh	33.93	43.08	42.48	38.31	40.97	41.97	42.92	43.76	45.83	
	Replacement \$/MWh	33.3	43.1	42.2	33.7	34.9	35.7	36.3	36.7	38.1	
	Fuel \$/MWh	30.28	42.93	84.04	30.37	31.09	31.87	32.38	32.96	33.88	
	Fuel / Replacement	0.91	1.00	1.99	0.90	0.89	0.89	0.89	0.90	0.89	
	Margin \$/MWh	0.58	0.00	0.25	4.61	6.08	6.30	6.62	7.05	7.78	
Total Cost	TOTAL REV. (\$000)	61,024.99	305.85	1,186.38	84,368.12	134,761.57	108,909.40	133,485.61	138,663.45	127,401.64	
	TOTAL COST (\$000)	41,329.89	195.88	543.21	52,754.50	86,764.11	70,668.60	84,653.16	88,005.08	82,015.70	
	TOTAL MARGIN (\$000)	15,922.04	29.80	145.82	29,324.89	45,184.45	36,267.77	46,401.55	47,830.16	43,421.62	
	151	TOTAL 151 FUEL (\$000)	36,698.49	190.39	1,020.34	47,280.64	77,258.66	63,169.03	75,347.01	78,932.97	72,809.19
		TOTAL DEMAND (\$000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TOTAL GWh	1,229.9	6.1	22.5	1,495.1	2,429.6	1,922.5	2,299.8	2,372.4	2,122.9
		TOTAL Rev. \$/MWh	49.62	50.15	52.78	56.43	55.47	56.65	58.04	58.45	60.01
		TOTAL Replace. \$/MWh	33.60	32.12	24.16	35.28	35.71	36.76	36.81	37.10	38.63
		TOTAL 151 \$/MWh	29.84	31.22	45.39	31.62	31.80	32.86	32.76	33.27	34.30
		TOT. 151 Fuel / Replace.	0.89	0.97	1.88	0.90	0.89	0.89	0.89	0.90	0.89
		TOTAL Margin \$/MWh	12.95	4.89	6.49	19.61	18.60	18.86	20.18	20.16	20.45



PRIMARY ENERGY FLOWS

Case Name: EAST_TRANSACTION

Case Description: 12-16-11 PRIVILEGED AND CONFIDENTIAL PREPARED AT THE (2013-21) -- MEETS NSR

APCo

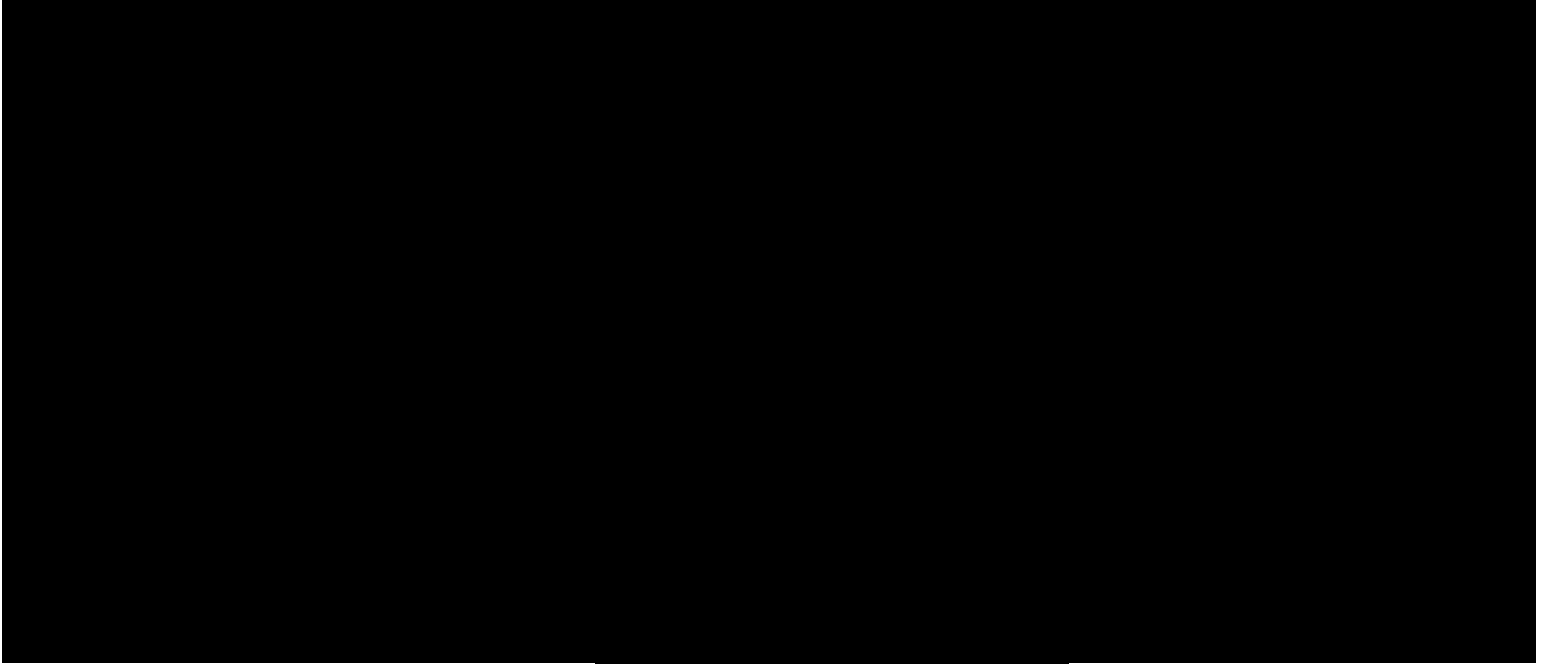
		2013	2014	2015	2016	2017	2018	2019	2020	2021
Inter-Company Purchases	Total (\$000)	16,334.3	14,898.9	17,384.2	10,495.9	8,500.3	8,572.2	12,876.2	13,969.2	13,006.3
	151 Fuel (\$000)	16,334.3	14,898.9	17,384.2	10,495.9	8,500.3	8,572.2	12,876.2	13,969.2	13,006.3
	GWh	426.6	350.4	420.2	261.5	210.3	205.2	306.7	317.3	295.4
	Total \$/MWh	38.29	42.53	41.38	40.14	40.42	41.77	41.98	44.02	44.04
Inter-Company Sales	Total (\$000)	2,457.1	24,308.6	22,475.9	5,589.3	2.9	1,627.3		51.1	0.9
	151 Fuel (\$000)	2,457.1	24,308.6	22,475.9	5,589.3	2.9	1,627.3		51.1	0.9
	GWh	61.9	516.5	501.7	109.4	0.1	33.4		0.9	0.0
	Total \$/MWh	39.68	47.06	44.80	51.08	55.08	48.79		56.03	43.05
	151 \$/MWh	39.68	47.06	44.80	51.08	55.08	48.79		56.03	43.05
TOTAL	TOT. PURCH. \$000	16,334.3	14,898.9	17,384.2	10,495.9	8,500.3	8,572.2	12,876.2	13,969.2	13,006.3
	TOT. PURCH. FUEL \$000	16,334.3	14,898.9	17,384.2	10,495.9	8,500.3	8,572.2	12,876.2	13,969.2	13,006.3
	TOT. PURCH. GWh	426.6	350.4	420.2	261.5	210.3	205.2	306.7	317.3	295.4
	TOT. PURCH. \$/MWh	38.29	42.53	41.38	40.14	40.42	41.77	41.98	44.02	44.04
	TOT. PURCH. FUEL \$/MWh	38.29	42.53	41.38	40.14	40.42	41.77	41.98	44.02	44.04
TOTAL	TOT. SALES \$000	2,457.1	24,308.6	22,475.9	5,589.3	2.9	1,627.3		51.1	0.9
	TOT. SALE FUEL \$000	2,457.1	24,308.6	22,475.9	5,589.3	2.9	1,627.3		51.1	0.9
	TOT. SALES GWh	61.9	516.5	501.7	109.4	0.1	33.4		0.9	0.0
	TOT. SALES \$/MWh	39.68	47.06	44.80	51.08	55.08	48.79		56.03	43.05
	TOT. SALE FUEL \$/MWh	39.68	47.06	44.80	51.08	55.08	48.79		56.03	43.05
	Net Primary	13,877.18	-9,409.74	-5,091.68	4,906.60	8,497.43	6,944.86	12,876.19	13,918.11	13,005.40

I&M

		2013	2014	2015	2016	2017	2018	2019	2020	2021
Inter-Company Purchases	Total (\$000)		289.1						242.1	
	151 Fuel (\$000)		289.1						242.1	
	GWh		8.1						4.6	
	Total \$/MWh		35.78						52.17	
	151 \$/MWh		35.78						52.17	
Inter-Company Sales	Total (\$000)	15,504.1	59,224.2	65,400.1	48,598.2	7,581.1	15,602.8	11,504.3	11,739.6	11,903.1
	151 Fuel (\$000)	15,504.1	59,224.2	65,400.1	48,598.2	7,581.1	15,602.8	11,504.3	11,739.6	11,903.1
	GWh	416.6	1,350.9	1,576.5	1,172.8	188.6	375.2	275.0	267.8	272.2
	Total \$/MWh	37.22	43.84	41.48	41.44	40.20	41.58	41.83	43.84	43.74
	151 \$/MWh	37.22	43.84	41.48	41.44	40.20	41.58	41.83	43.84	43.74
TOTAL	TOT. PURCH. \$000		289.1						242.1	
	TOT. PURCH. FUEL \$000		289.1						242.1	
	TOT. PURCH. GWh		8.1						4.6	
	TOT. PURCH. \$/MWh		35.78						52.17	
	TOT. PURCH. FUEL \$/MWh		35.78						52.17	
TOTAL	TOT. SALES \$000	15,504.1	59,224.2	65,400.1	48,598.2	7,581.1	15,602.8	11,504.3	11,739.6	11,903.1
	TOT. SALE FUEL \$000	15,504.1	59,224.2	65,400.1	48,598.2	7,581.1	15,602.8	11,504.3	11,739.6	11,903.1
	TOT. SALES GWh	416.6	1,350.9	1,576.5	1,172.8	188.6	375.2	275.0	267.8	272.2
	TOT. SALES \$/MWh	37.22	43.84	41.48	41.44	40.20	41.58	41.83	43.84	43.74
	TOT. SALE FUEL \$/MWh	37.22	43.84	41.48	41.44	40.20	41.58	41.83	43.84	43.74
	Net Primary	-15,504.07	-58,935.10	-65,400.07	-48,598.19	-7,581.11	-15,602.80	-11,504.25	-11,497.47	-11,903.08

KPCo

		2013	2014	2015	2016	2017	2018	2019	2020	2021
Inter-Company Purchases	Total (\$000)	5,281.1	68,446.9	70,493.2	43,700.6	43.3	9,289.0	84.1	138.8	223.1
	151 Fuel (\$000)	5,281.1	68,446.9	70,493.2	43,700.6	43.3	9,289.0	84.1	138.8	223.1
	GWh	139.3	1,511.2	1,658.1	1,021.0	0.9	218.1	1.9	3.0	5.4
	Total \$/MWh	37.90	45.29	42.51	42.80	50.38	42.59	43.68	46.45	40.99
	151 \$/MWh	37.90	45.29	42.51	42.80	50.38	42.59	43.68	46.45	40.99
Inter-Company Purchases	Total (\$000)	3,654.2	102.1	1.5	9.1	959.7	631.1	1,456.1	2,559.5	1,325.5
	151 Fuel (\$000)	3,654.2	102.1	1.5	9.1	959.7	631.1	1,456.1	2,559.5	1,325.5
	GWh	87.4	2.2	0.0	0.2	22.5	14.8	33.6	56.3	28.6
	Total \$/MWh	41.79	45.81	38.76	37.26	42.62	42.78	43.29	45.49	46.30
	151 \$/MWh	41.79	45.81	38.76	37.26	42.62	42.78	43.29	45.49	46.30
TOTAL	TOT. PURCH. \$000	5,281.1	68,446.9	70,493.2	43,700.6	43.3	9,289.0	84.1	138.8	223.1
	TOT. PURCH. FUEL \$000	5,281.1	68,446.9	70,493.2	43,700.6	43.3	9,289.0	84.1	138.8	223.1
	TOT. PURCH. GWh	139.3	1,511.2	1,658.1	1,021.0	0.9	218.1	1.9	3.0	5.4
	TOT. PURCH. \$/MWh	37.90	45.29	42.51	42.80	50.38	42.59	43.68	46.45	40.99
	TOT. PURCH. FUEL \$/MWh	37.90	45.29	42.51	42.80	50.38	42.59	43.68	46.45	40.99
TOTAL	TOT. SALES \$000	3,654.2	102.1	1.5	9.1	959.7	631.1	1,456.1	2,559.5	1,325.5
	TOT. SALE FUEL \$000	3,654.2	102.1	1.5	9.1	959.7	631.1	1,456.1	2,559.5	1,325.5
	TOT. SALES GWh	87.4	2.2	0.0	0.2	22.5	14.8	33.6	56.3	28.6
	TOT. SALES \$/MWh	41.79	45.81	38.76	37.26	42.62	42.78	43.29	45.49	46.30
	TOT. SALE FUEL \$/MWh	41.79	45.81	38.76	37.26	42.62	42.78	43.29	45.49	46.30
	Net Primary	1,626.90	68,344.84	70,491.75	43,691.59	-916.33	8,657.94	-1,371.93	-2,420.64	-1,102.32



OFF-SYSTEM SALES MARGIN, SUMMARY - Region (\$'000)

(excluding: CP&L Unit Power sales, Mgmt. Adjustment, and East-West Tie sales)

EAST

Region:

APCo Needs pool Analysis

Case Desc 12-16-11 PRIVILEGED AND CONFIDENTIAL PREPARED AT THE (2013-21) -- MEETS NSR

	2013	2014	2015	2016	2017	2018	2019	2020	2021
Energy Margin:									
Committed Sales (Hedge Book)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Less Hedge Purchases									
= Committed Sales (Hedge Book)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Uncommitted / Market Sales Margin									
Weekday, 5 x 16	61,854.4	49,198.9	50,235.4	63,764.8	67,086.3	56,621.2	66,304.4	71,420.8	58,664.8
Weeknight (incl. Dump)	177.8	293.6	349.3	1,280.1	2,226.1	2,164.0	2,656.0	2,758.6	2,852.7
Weekend	8,774.7	6,139.9	7,101.0	12,866.6	14,924.3	12,011.1	14,611.4	12,971.5	11,899.7
Management Adjustment	0	0	0	0	0	0	0	0	0
= Market Sales Margin	70,807.0	55,632.4	57,685.8	77,931.5	84,236.6	70,796.3	83,571.8	87,150.9	73,417.3
Energy Margin on Sale of OVEC Purch.									
Less OVEC Sale Demand Charge	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
= Net OVEC OSS Margin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal - Energy Margin	70,807.0	55,632.4	57,685.8	77,931.5	84,236.6	70,796.3	83,571.8	87,150.9	73,417.3
Demand Revenue / Margin:									
Demand Revenue - Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Less OVEC Sale Demand Charge	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
(Recovered in COGS)									
= Demand Rev. (re: Hedge Book)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OSS MARGIN	70,807.0	55,632.4	57,685.8	77,931.5	84,236.6	70,796.3	83,571.8	87,150.9	73,417.3
(before OPC recovery, net of PP)									
Plus: OPC Recovery	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL OSS MARGIN (net of PP)	70,807.0	55,632.4	57,685.8	77,931.5	84,236.6	70,796.3	83,571.8	87,150.9	73,417.3

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Case Desc 12-16-11 PRIVILEGED AND CONFIDENTIAL PREPARED AT THE (2013-21) -- MEETS NSR

	2013	2014	2015	2016	2017	2018	2019	2020	2021
Energy Margin:									
Committed Sales (Hedge Book)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Less Hedge Purchases									
= Committed Sales (Hedge Book)	0	0	0	0	0	0	0	0	0
Uncommitted / Market Sales Margin									
Weekday, 5 x 16	74,698.0	53,191.2	62,370.0	152,578.2	170,270.5	166,749.6	156,796.4	176,756.0	179,843.6
Weeknight (incl. Dump)	-5,367.0	-5,638.9	-3,753.1	9,773.5	15,141.2	16,273.4	19,114.0	18,792.4	21,005.5
Weekend	15,886.38777	11,309.93429	19,506.02116	58,340.9952	57,343.57125	55,861.81364	70,089.78888	69,513.32745	73,516.2185
Management Adjustment	0	0	0	0	0	0	0	0	0
= Market Sales Margin	84,917.39113	58,862.27518	78,122.96891	220,692.6837	242,755.2319	238,884.7631	246,000.2414	265,061.7861	274,365.3449
Energy Margin on Sale of OVEC Purch.									
Less OVEC Sale Demand Charge	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
= Net OVEC OSS Margin	0	0	0	0	0	0	0	0	0
Subtotal - Enerov Margin	84,917.39113	58,862.27518	78,122.96891	220,692.6837	242,755.2319	238,884.7631	246,000.2414	265,061.7861	274,365.3449
Demand Revenue / Margin:									
Demand Revenue - Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Less OVEC Sale Demand Charge	0	0	0	0	0	0	0	0	0
(Recovered in COGS)									
= Demand Rev. (re: Hedge Book)	0	0	0	0	0	0	0	0	0
OSS MARGIN	84,917.39113	58,862.27518	78,122.96891	220,692.6837	242,755.2319	238,884.7631	246,000.2414	265,061.7861	274,365.3449
(before OPC recovery, net of PP)									
Plus: OPC Recovery	0	0	0	0	0	0	0	0	0
TOTAL OSS MARGIN (net of PP)	84,917.39113	58,862.27518	78,122.96891	220,692.6837	242,755.2319	238,884.7631	246,000.2414	265,061.7861	274,365.3449

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Case Desc 12-16-11 PRIVILEGED AND CONFIDENTIAL PREPARED AT THE (2013-21) -- MEETS NSR

	2013	2014	2015	2016	2017	2018	2019	2020	2021
Energy Margin:									
Committed Sales (Hedge Book)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Less Hedge Purchases									
= Committed Sales (Hedge Book)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Uncommitted / Market Sales Margin									
Weekday, 5 x 16	13,998.6	6.0	145.4	22,062.0	32,607.9	25,726.0	33,516.4	34,556.8	30,889.2
Weeknight (incl. Dump)	-877.1	-21.1	-60.9	745.6	2,169.4	2,095.6	2,223.0	2,383.0	2,409.3
Weekend	590.7	-8.9	-101.4	6,063.2	9,615.2	7,946.3	9,802.7	9,750.4	9,383.5
Management Adjustment	0	0	0	0	0	0	0	0	0
= Market Sales Margin	13,712.1	-24.0	-16.8	28,870.7	44,392.5	35,767.9	45,542.2	46,690.2	42,682.0
Energy Margin on Sale of OVEC Purch.									
Less OVEC Sale Demand Charge	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
= Net OVEC OSS Margin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal - Energy Margin	13,712.1	-24.0	-16.8	28,870.7	44,392.5	35,767.9	45,542.2	46,690.2	42,682.0
Demand Revenue / Margin:									
Demand Revenue - Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Less OVEC Sale Demand Charge	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
(Recovered in COGS)									
= Demand Rev. (re: Hedge Book)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OSS MARGIN	13,712.1	-24.0	-16.8	28,870.7	44,392.5	35,767.9	45,542.2	46,690.2	42,682.0
(before OPC recovery, net of PP)									
Plus: OPC Recovery	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL OSS MARGIN (net of PP)	13,712.1	-24.0	-16.8	28,870.7	44,392.5	35,767.9	45,542.2	46,690.2	42,682.0