

Borough of South River - Electric Utility
 Power Cost Adjustment Calculation
 12 Month Rolling Average (starting January 2011)

INSTRUCTIONS:

1. Apply actual purchased power billing data in the Green cells (reference Key in column A and example bills in Blue tabs)
2. Change green cells to yellow to indicate that it contains actual billing data
3. PCA factor to be applied to each kWh of each bill is identified in Row S7 identified as "Total Fuel Factor"

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2012	2012	2012	2012	2012
		April	May	June	July	August	September	October	November	December	January	February	March	April	May
KEY	Energy														
-	PJM Interconnection, LLC	n/a													
A	PSEG	mwh	173	589	592	397	320	320	320	320	320	320	320	320	320
B	NextEra Energy Power Marketing, LLC	mwh	4,191	4,068	6,868	8,264	8,866	6,192	6,192	6,192	6,192	6,192	6,192	6,192	6,192
C	Public Power Association (9.10%)	kwh	4,694,000	5,018,000	3,754,000	4,054,000	4,239,000	4,299,000	4,299,000	4,299,000	4,299,000	4,299,000	4,299,000	4,299,000	4,299,000
D	PPL Energy Plus, LLC	mwh			352	640	736	-	-	-	-	-	-	-	-
E	Public Power Association (0.205%)	kwh	4,889,000	4,130,000	4,978,000	5,872,000	6,268,000	6,727,000	6,727,000	6,727,000	6,727,000	6,727,000	6,727,000	6,727,000	6,727,000
-	American Powernet Management	n/a													
Cost															
F	PJM Interconnection, LLC	\$	\$ 190,117	\$ 251,072	\$ 99,764	\$ 177,834	\$ 138,427	\$ 108,288	\$ 108,288	\$ 108,288	\$ 108,288	\$ 108,288	\$ 108,288	\$ 108,288	\$ 108,288
G	PSEG	\$	-	12,355	37,242	37,444	25,098	20,240	20,240	20,240	20,240	20,240	20,240	20,240	20,240
H	NextEra Energy Power Marketing, LLC	\$	278,274	267,509	444,576	517,216	436,316	391,128	391,128	391,128	391,128	391,128	391,128	391,128	391,128
I	Public Power Association (9.10%)	\$	121,834	115,017	118,171	134,334	138,095	112,487	112,487	112,487	112,487	112,487	112,487	112,487	112,487
J	PPL Energy Plus, LLC	\$	-	-	23,038	41,888	48,171	-	-	-	-	-	-	-	-
K	Public Power Association (0.205%)	\$	124,136	97,303	92,332	140,462	148,329	120,713	120,713	120,713	120,713	120,713	120,713	120,713	120,713
L	American Powernet Management	\$	3,100	3,100	3,330	3,330	3,330	3,330	3,330	3,330	3,330	3,330	3,330	3,330	3,330
Adjustments for units															
Energy															
100%	PJM	kWh	-	172,800	589,000	592,000	396,800	320,000	320,000	320,000	320,000	320,000	320,000	320,000	320,000
100%	PSEG	kWh	-	172,800	589,000	592,000	396,800	320,000	320,000	320,000	320,000	320,000	320,000	320,000	320,000
100%	NextEra	kWh	4,191,000	4,068,000	6,988,000	8,264,000	8,866,000	6,192,000	6,192,000	6,192,000	6,192,000	6,192,000	6,192,000	6,192,000	6,192,000
9.10%	Public Power Association (9.10%)	kWh	427,154	456,638	341,614	368,914	385,749	391,209	391,209	391,209	391,209	391,209	391,209	391,209	391,209
100%	PPL Energy Plus, LLC	kWh	-	-	352,000	640,000	736,000	-	-	-	-	-	-	-	-
0.205%	Public Power Association (0.205%)	kWh	10,022	8,467	10,205	12,038	12,849	13,790	13,790	13,790	13,790	13,790	13,790	13,790	13,790
100%	Am. Powernet	kWh	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Energy		kWh	4,628,176	4,705,905	8,280,819	9,876,952	8,397,398	6,916,999	6,916,999	6,916,999	6,916,999	6,916,999	6,916,999	6,916,999	6,916,999
Cost															
100%	PJM	\$	\$ 190,117	\$ 251,072	\$ 99,764	\$ 177,834	\$ 138,427	\$ 108,288	\$ 108,288	\$ 108,288	\$ 108,288	\$ 108,288	\$ 108,288	\$ 108,288	\$ 108,288
100%	PSEG	\$	-	12,355	37,242	37,444	25,098	20,240	20,240	20,240	20,240	20,240	20,240	20,240	20,240
100%	NextEra	\$	278,274	267,509	444,576	517,216	436,316	391,128	391,128	391,128	391,128	391,128	391,128	391,128	391,128
9.10%	Public Power Association (9.10%)	\$	11,041	10,467	10,572	12,224	12,567	10,236	10,236	10,236	10,236	10,236	10,236	10,236	10,236
100%	PPL Energy Plus, LLC	\$	-	-	23,038	41,888	48,171	-	-	-	-	-	-	-	-
0.205%	Public Power Association (0.205%)	\$	254	199	189	288	304	247	247	247	247	247	247	247	247
100%	Am. Powernet	\$	3,100	3,100	3,330	3,330	3,330	3,330	3,330	3,330	3,330	3,330	3,330	3,330	3,330
Total Cost		\$	\$ 482,787	\$ 544,702	\$ 618,711	\$ 790,224	\$ 664,213	\$ 533,470	\$ 533,470	\$ 533,470	\$ 533,470	\$ 533,470	\$ 533,470	\$ 533,470	\$ 533,470
			0.104	0.116	0.075	0.080	0.079	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077
a	Total Systems Costs	\$	482,787	544,702	618,711	790,224	664,213	533,470	533,470	533,470	533,470	533,470	533,470	533,470	533,470
b	(Sum of current and previous 11 months)	\$	482,787	1,027,489	1,646,200	2,436,424	3,100,637	3,634,107	4,167,576	4,701,046	5,234,516	5,767,986	6,301,455	6,834,925	6,885,608
c	Total System Production (Plant and Purchased Pr	kWh	4,628,176	4,705,905	8,280,819	9,876,952	8,397,398	6,916,999	6,916,999	6,916,999	6,916,999	6,916,999	6,916,999	6,916,999	6,916,999
d	(Sum of current and previous 11 months)	kWh	4,628,176	9,334,081	17,614,900	27,491,851	35,889,250	42,808,249	49,723,249	56,640,248	63,557,247	70,474,247	77,391,246	84,308,245	86,597,068
e	Power Supply Costs @ Retail	\$	0.11840	0.12494	0.08480	0.10059	0.09806	0.09636	0.09513	0.09420	0.09348	0.09289	0.09242	0.09202	0.09025
f	Base Fuel Cost	\$	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099
h	Loss Factor	%	13.5%	13.5%	13.5%	13.5%	13.5%	13.5%	13.5%	13.5%	13.5%	13.5%	13.5%	13.5%	13.5%
i	Calculated PCAF	\$	0.01940	0.02594	(0.01420)	0.00159	(0.00094)	(0.00264)	(0.00357)	(0.00480)	(0.00552)	(0.00611)	(0.00658)	(0.00698)	(0.00875)
j	Actual PCAF Implemented	\$	-	-	-	-	-	-	-	(0.01090)	(0.01000)	(0.01000)	(0.01000)	(0.01000)	(0.01000)
k	Total System Retail Sales (kWh's)	kWh			7,295,876	8,702,160	7,398,589	6,094,273	6,094,273	6,094,273	6,094,273	6,094,273	6,094,273	6,094,273	6,094,273
l	Base PCA Revenue	\$			722,292	861,514	732,460	603,333	603,333	603,333	603,333	603,333	603,333	603,333	603,333
m	Fuel Factor Revenue	\$			-	-	-	-	-	(60,943)	(60,943)	(60,943)	(60,943)	(60,943)	(60,943)
n	Total Revenues through PCA	\$			722,292	861,514	732,460	603,333	603,333	603,333	542,390	542,390	542,390	542,390	542,390
o	Difference of Collection vs Expense	\$			\$ 103,581	\$ 174,870	\$ 243,118	\$ 312,981	\$ 382,844	\$ 452,708	\$ 461,628	\$ 470,549	\$ 479,469	\$ 488,389	\$ 497,310

New rates implemented beginning of June 2011