

## # 3 FAR (FUEL ADJUSTMENT RATE) CALCULATION

September 2011

				MMBTU	BTUs/#
I. Statement of Average Fuel Cost at Jamestown Gen. Plant					
1.	Fuel on Hand: Start of Month				
	a. coal:	909,200 tons @	\$91.819754 = \$	83,482.52	23,343
	b. oil:	5,917 gallons @	\$2.1726551 = \$	12,855.60	834
			Total	\$96,338.12	24,177
2.	Fuel Delivered:				
	a. coal:	1,669,500 tons @	\$88.2967176 = \$	147,411.37	43,356
	b. oil:	7,449 gallons @	\$3.1900000 = \$	23,762.31	1,050
			Total	\$171,173.68	44,406
3.	Total Fuel Available: (1 & 2) - Average Cost				
	a. coal:	2,578,700 tons @	\$89.5388723 = \$	230,893.89	66,699
	b. oil:	13,366 gallons @	\$2.7396312 = \$	36,617.91	1,884
			Total	\$267,511.80	68,583
4.	Total Fuel Burned:				
	a. coal - Boilers 9-12:	0.000 tons @	\$89.5388723 = \$	-	-
	b. Oil- Boilers 9-12:	- gallons @	\$2.7396312 = \$	-	0
	c. gas - Unit #7 :	19,306 Dths @	\$4.3862400 =	\$84,681	19,306
	d. gas - Other:	- Dths @	=	\$0	-
	e. gas - Boilers 9-12 :	- Dths @	\$0.0000000 = \$	-	-
			Total	\$ 84,680.75	0
5.	Fuel on Hand: End of Month				
	a. coal:	2,578,700 tons @	\$89.5388723 = \$	230,893.89	66,699
	b. oil:	13,366 gallons @	\$2.7396312 = \$	36,617.91	1,884
			Total	\$267,511.80	68,583

	Coal Generation		Gas Generation		Total
	(Boilers 9 -12)		Unit #7 Gas Generation (Simple Plus Combined Cycle)	Total Gas	
6.	Cost of Generation	\$ -	\$84,681	\$ 84,680.75	\$ 84,680.75
7.	Sales to District Heat (DH) in MMBTUs	-		-	
8.	Steam - output in MMBTUs	-		0	
9.	Boiler Plant Efficiency	85.00%			
10.	Boiler Plant Fuel Input MMBTUs for DH (7/9)	0		0	0
11.	Average Cost of Fuel per MMBTU ((4A+4B)/4TMMBT	n/a	\$4.39	\$ -	#DIV/0!
12.0	Credit to Base Fuel Cost for Sales to DH (10x11)	\$ -	\$0.00	\$ -	\$ -
	Credit to Base Fuel Cost for Sales to DH (10x11)				
	Credit to E Coal	\$ -	-	per mmbtu	
	Credit to E Gas per Cogen	\$ -	-	per mmbtu	
	Credit to E Gas per Aux boiler	\$ -	-	per mmbtu	
	Credit to Base Fuel Cost for Sales to DH (10x11)	\$ -	-		
12.1	Natural Gas Fuel Cost for Sales to DH				\$25,720.91
13.	Cost of Generation	\$ -	\$84,680.75	\$ 84,680.75	\$ 84,680.75
14.	Total Net Generation KWHs	-	1,927,681	1,927,681	1,927,681
15.	Average Cost of Generation for Off-System Sales (13 \$	-	\$0.04393	\$ 0.04393	\$ 0.04393
16.	Net Generation Sold - Off-System Sales	0	1,848,643	1,848,643	1,848,643
17.	Cost of Generation for Off-System Sales (15x16)	\$ -	\$81,208.69	\$ 81,208.69	\$ 81,208.69
18.	Fuel Cost to Tariff Customers (6-12-17) less NYISO security				\$ 3,472.06
19.	Gas Line Transmission Cost (\$56,508)				\$ 56,508.00
20.	Lost Revenues per SC No. 6 contracts				\$ 56,749.51
21.	Fixed Purchased Gas Expense, Emission Allowances & Prior Period Adjustments				\$ -
22.	Total Net Generation Cost Dist. to Tariff Cust. (14-16)				79,038
23.	Average Fuel Cost per Net KWH (18/22)				\$ 0.04393
24.	Fuel Cost to Tariff Customers (19+20+21+22x23)				\$ 116,729.57

## II. Statement of Purchased Power Costs - Jamestown -

1.	Purchased Energy KWHs	-
2.	Total Cost Purchased Service	\$ -
3.	Net Purchased Applied to Fuel Cost	\$ -

## III. Computation of Fuel Adjustment Rate

1.	Total Applied Energy	(1,22+II,1)	35,286,853
2.	Total Applied Cost	(1,24+II,3)	\$ 116,729.57
3.	Average Cost per KWH @ Source (generator)	(2/1)	\$ 0.00331
4.	Base Cost in Tariff -- Residential		0.00691
5.	Base Cost in Tariff -- Non-residential		0.00691
6.	System Loss Adjustment Factor		1.05060
7.	Energy Efficiency Program		0.001
8.	Fuel Adjustment Rate per KWH -- Residential		\$ (0.00278)
9.	Fuel Adjustment Rate per KWH -- Non Residential		\$ (0.00278)
10.	Effective: October 11, 2011		