



Date: January 24, 2013

From: Theresa L. Moore, Finance Director *Theresa*

To: Jack L. McLean Jr., City Manager
 Mike Wade, Director of Utilities
 Ann Sherman, Customer Service Director
 John Thomas, Telecommunications Director
 Catherine Robinson, Accounting Control Specialist
 Donna Reeves, Utility Billing Clerk
 Yvette McCullough, Accountant III

Re: Power & Fuel Adjustment for January 2013

	<u>Jan-2013</u>	<u>Dec-2012</u>	<u>Change</u>
Electric:	0.0259	0.0253	0.0006
Fuel: (Firm gas-residential and commercial customers)	12.854	13.016	(0.1612)
Harborlite:	5.247	5.268	(0.0209)
 <u>Harborlite Reading:</u>			
Meter 1	611,195	609,094	2,101
Meter 2	138,514	138,232	282

HARBORLITE BILLING PART III
STATEMENT OF ELECTRIC - RATES

PERIODS

12/1/2012
thru 12/31/2012

Source Doc
Reference #

DESCRIPTION

MONTHLY CURRENT BAL FROM:

FMPA INVOICE (DECEMBER 2012)	356,287.28	1
SOUTHEASTERN POWER ADM (SEPA) - DECEMBER 2012	257,007.45	2
RATE STABILIZATION ALLOCATION (\$875,000/12)	72,916.67	

TOTAL "A"

686,211.40

MONTHLY METER READINGS FROM:

FMPA INVOICE (DEC 2012)	7,195,000	3
SOUTHEASTERN POWER ADM (SEPA) - DEC 2012	3,798,879	4

TOTAL "B"

10,993,879

"A" DIVIDED BY "B"

0.0624

MULTIPLY CONSTANT RATE 1.0600

SUBTRACT CONSTANT RATE 0.038

EQUATION:

$$1.06 \times (0.0630 \text{ MINUS } 0.038)$$

ELECTRIC

0.0259

Electric Rate to Post

FUEL (residential & commercial) 12.854 5

HARBORLITE (per mcf ex sales tax) 5.247 6

HARBORLITE Reading:

Meter 1 611,195 7

Meter 2 138,514 8

City of Quincy
Full Requirements Service Provided by FMPA
For the Month Ended
December 31, 2012

Capacity Charge	Billing Demand Monthly Peak (kw)	Rate (\$/kw)	Total Charge
	15,000	\$ 5.00	\$ 75,000.00
Total Capacity Charge			\$ 75,000.00

Energy Charges	Billing Energy (kwh)	Rate (\$/kwh)	Total Charge
Fuel Charge	7,195,000	\$ 0.03269	\$ 235,204.55
Non-Fuel Energy Charge			
On Peak	3,500,000	\$ 0.00825	\$ 28,875.00
Off Peak	3,695,000	\$ 0.00400	\$ 14,780.00
Total Non-Fuel Energy Charge			\$ 43,655.00
Total Energy Charges			\$ 278,859.55

Prior Period Adjustments	

Other Charges	\$ -
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Transmission Fee							
Progress Energy Transmission Invoice Total	\$ 28,548.30						
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"></td> <td style="text-align: center;">Net Imbalance Energy</td> <td style="text-align: center;">Total</td> </tr> <tr> <td style="padding-left: 20px;">Oct Imbalance</td> <td style="text-align: center;">797</td> <td style="text-align: right;">\$ (26,120.57)</td> </tr> </table>			Net Imbalance Energy	Total	Oct Imbalance	797	\$ (26,120.57)
	Net Imbalance Energy	Total					
Oct Imbalance	797	\$ (26,120.57)					
Total Transmission Charges		\$ 2,427.73					

Total Charges for Current Month Business	\$ 356,287.28
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Amounts Outstanding		
Unpaid Balance Carry Over		
Payments Applied to Unpaid Balance	\$ -	
Prior Month Service - Unpaid Balance	\$ -	
Delinquent Payment Amount (@ 2%)	\$ -	
Unpaid Balance - Current Month		
Accrued Interest (0.029863% per day)	\$ -	
Total Amounts due on Unpaid balance		\$ -

Total Amount Due	\$ 356,287.28
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Total amount due will be electronically debited from Quincy's designated Capital City Bank account ending 6407 on the due date of February 20, 2013.

All Attachments sent via email by brian.kosson@fmipa.com

Costs in Quincy Energy Calc

	Oct 2012	Nov 2012	Dec 2012
Total ARP Energy Costs	19,672,898.18	11,750,349.01	13,376,689.19
Project Participant Variable O&M	(17,516.56)	(3,320.49)	(7,439.03)
Fuel Hedging	(2,308,471.46)	1,135,595.56	(65,813.01)
Other Costs			
Conservation	(62,500.00)	(62,500.00)	(62,500.00)
FGU Gas Sales	(567,996.79)	(1,690,526.37)	(221,656.37)
FGU Optimization Profits	5,136.55	45,368.40	0.00

Costs for Quincy Calculation

	16,721,549.92	11,174,966.11	13,019,280.78
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Total MWH

	547,781	389,017	430,127
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Cost per Mwh

	30.53	28.73	30.27
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Energy Charge Adjustment (8%)

	2.44	2.30	2.42
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Quincy Rate

	32.97	31.03	32.69
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(00) - Under Scheduled
00 - Over Scheduled

	Imbalance (MWh)	Charges (\$)
	Oct	Oct
Within Band	779	(25,691.42)
Out of Band	18	(429.15)
Total	797	(26,120.57)

City of Quincy

PEF System Losses	1.66%
Meter Source	MV90
Peak Day (EST)	12/23/2012
Peak HE (EST)	9
PEF System Peak	8763.62
Demand at Peak	19.463
SEPA Allocation	8.400
Demand at Peak (no SEPA)	11.063
Losses	0.187
Adjusted Demand at Peak	11.250

Transmission Services

<u>Product</u>	<u>Adj</u> <u>Demand</u> <u>Rec Pt</u>	<u>Unit Price</u>	<u>Sub Total</u>
Monthly Network Service	11.250	\$ 2,135.00	\$ 24,018.75

Delivery Point Charges

Metering Points Below 69 kV	3	\$ 265.00	\$ 795.00
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Total Transmission Services	<u>\$ 24,813.75</u>
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Ancillary Services

<u>Product</u>	<u>Adj</u> <u>Demand</u> <u>Rec Pt</u>	<u>Unit Price</u>	<u>Sub Total</u>
Reactive and Voltage Control	11.250	\$ 110.00	\$ 1,237.50
Scheduling and Coordination	11.250	\$ 67.00	\$ 753.75
Regulation and Frequency Response	11.250	\$ 70.49	\$ 793.01
Operating Reserve - Spinning	11.250	\$ 42.85	\$ 482.06
Operating Reserve - Supplemental	11.250	\$ 41.62	\$ 468.23

Total Ancillary Services	<u>\$ 3,734.55</u>
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Total Network Service	<u><u>\$ 28,548.30</u></u>
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**SOUTHEASTERN POWER ADMINISTRATION
BILL FOR COLLECTION
FLORIDA POWER SERVICE AREA**

Contract No: 89-00-1501-200
Bill No: B-13-0620
Billing Month: December 2012
Date: January 4, 2012

CITY OF QUINCY
ATTN: MIKE WADE
423 WEST WASHINGTON ST
QUINCY, FL 32351-2328

MAKE REMITTANCE PAYABLE TO:
U.S. Department of Energy
Southeastern Power Administration
1166 Athens Tech Road
FM-165
Elberton, GA 30635-6711

DESCRIPTION	CAPACITY (KW)	CAPACITY CHARGES	ENERGY (KWH)	ENERGY CHARGES	AMOUNT
City of Quincy, FL	8,400	\$ 86,436.00	(A) 3,798,879	\$ 100,708.28	\$ 187,144.28 (2)
Net Purchases Power Cost					\$ 67,952.98 (2)
Total Previous Past Due Amount Invoices					\$ 975,558.05 (2)
Total of Penalties and Interest for Past Due Amount					\$ 1,910.19 (2)
Total					\$ 1,232,565.50

Capacity Rate (\$/KW): \$ 10.29
Energy Rate (\$/KWh): \$ 0.02651
Average Energy Cost: \$ 0.0493 / KWh

AMOUNT DUE THIS BILL: \$ 1,232,565.50

PENALTY CLAUSE FOR LATE PAYMENT APPLIES IF BILL NOT PAID BY JANUARY 24, 2012.
CALL (706) 213-3856 FOR BILLING INFORMATION.

0**

Received
JAN 07 2013
Utility Dept.

187,144.28+
67,952.98+
1,910.19+

003
= (2) = 257,007.45**

SOUTHEASTERN POWER ADMINISTRATION
FLORIDA POWER SERVICE AREA - PREFERENCE CUSTOMER

Dec 2012
11/21 - 12/20

City of Quincy

Delivery Point	Peak Date & Time	Demand (KW)		SEPA		Meter Readings		Billing Energy (KWh)		Ratio Contract/ Peak	Total Energy (KWh)	FL Power
		Contract	Peak	FlaPwr	SEPA	Stop Start	Net Constant	SEPA	FL Power			
Quincy #1						5418	206				2,966,400	
Quincy #2						5212	14,400.00					
Quincy South						5513	210				3,024,000	
	11/26/2012	21,624	8,400			5303	14,400.00				3,789,000	
	8:30 AM	8,400	13,224			10143	421				3,798,879	5,980,521
Customer Totals		21,624	8,400	9,779,400	3,798,879	9,779,400	9,000.00	86,436.00	100,708.28	0.368	187,144.28	5,980,521

Charges	Capacity	\$86,436.00
	Energy	\$100,708.28
	Total	\$187,144.28
Rates	Capacity	\$ 10.29 / KW
	Energy	\$ 0.02651/KWh
	Avg. Cost	\$ 0.0493/KWh

Purchased Power Pass-Through for City of Quincy

Billing Month	Purchased Energy Cost	Purchased Capacity Cost	Total Purchased Power Cost	Revenue from Sales to Progress Energy	Net Purchased Power Cost
Nov 2012	\$114,842.27	\$13,020.00	\$127,862.27	\$0.00	\$127,862.27
Oct 2012	\$103,133.80	\$11,928.00	\$115,061.80	\$0.00	\$115,061.80
Sep 2012	\$118,259.27	\$16,212.00	\$134,471.27	\$0.00	\$134,471.27
Aug 2012	\$94,516.66	\$10,752.00	\$105,268.66	\$0.00	\$105,268.66
Jul 2012	\$81,901.90	\$12,096.00	\$93,997.90	\$0.00	\$93,997.90
Jun 2012	\$86,873.39	\$24,360.00	\$111,233.39	\$0.00	\$111,233.39
May 2012	\$65,866.31	\$14,532.00	\$80,398.31	\$0.00	\$80,398.31
Apr 2012	\$5,447.53	\$0.00	\$5,447.53	\$24,928.92	(\$19,481.39)
Mar 2012	\$213.09	\$0.00	\$213.09	\$68,707.37	(\$68,494.28)
Feb 2012	\$7,260.38	\$9,576.00	\$16,836.38	\$30,597.33	(\$13,760.95)
Jan 2012	\$64,629.76	\$16,296.00	\$80,925.76	\$0.00	\$80,925.76
Summary for Customer = City of Quincy (11 detail records)					
Sum	\$742,944.36	\$128,772.00	\$871,716.36	\$124,233.62	\$747,482.74
Average	\$67,540.40	\$11,706.55	\$79,246.94	\$11,293.97	\$67,952.98

Tuesday, December 11, 2012

This report is based on an analysis of all delivery points for City of Quincy. Southeastern's purchased power expense and revenue from sales to Progress Energy is derived from the aggregate of all Jim Woodruff preference customer delivery points.

Last 11 Months of SEPA Purchased Power and Sales Transactions with Progress Energy Florida

Billing Month	Peak Deficiency Energy (kWh)	Off Peak Deficiency Energy (kWh)	Firming Energy (kWh)	Net Deficiency Energy (kWh)	Total Purchased Energy (kWh)	Purchased Capacity Cost (\$)	Purchased Energy Cost (\$)	Purchased Power Cost (\$)	Energy Sales to PEC (\$)	Revenue from PEC (\$)
Nov 2012	10,043,225	1,018,457	4,126,512	6,935,170	11,061,682	\$55,801.65	\$528,527.17	\$584,328.82	0	\$0.00
Oct 2012	9,429,012	731,121	4,571,875	5,588,258	10,160,133	\$51,173.40	\$490,632.82	\$541,806.22	0	\$0.00
Sep 2012	10,941,263	1,224,143	5,330,294	6,835,112	12,165,406	\$69,449.25	\$582,357.99	\$651,807.24	0	\$0.00
Aug 2012	9,542,995	1,043,336	5,249,136	5,337,195	10,586,331	\$46,139.70	\$510,155.29	\$556,294.99	0	\$0.00
Jul 2012	7,765,802	832,473	4,831,766	3,766,509	8,598,275	\$51,971.55	\$409,621.82	\$461,593.37	0	\$0.00
Jun 2012	6,962,046	662,143	4,898,362	2,725,827	7,624,189	\$104,481.15	\$386,546.38	\$491,027.53	0	\$0.00
May 2012	6,581,062	787,772	4,151,290	3,217,544	7,368,834	\$62,350.05	\$361,809.75	\$424,159.80	0	\$0.00
Apr 2012	942,211	-2,256,742	0	942,211	942,211	\$0.00	\$44,491.20	\$44,491.20	2,256,742	\$100,853.80
Mar 2012	-2,540,282	-3,900,123	19,200	0	19,200	\$0.00	\$913.34	\$913.34	6,459,605	\$290,940.61
Feb 2012	-149,033	-2,449,399	631,018	0	631,018	\$41,172.30	\$31,115.50	\$72,287.80	3,229,450	\$151,073.67
Jan 2012	5,727,166	443,920	2,855,318	3,315,768	6,171,086	\$69,841.95	\$310,714.18	\$380,556.13	0	\$0.00
Grand Total	65,245,468	-1,862,899	36,664,771	38,663,594	75,328,365	\$552,381.00	\$3,656,885.44	\$4,209,266.44	11,945,797	\$542,868.08

In the Repayment Study used to support the approved rate schedules for the Jim Woodruff System, purchased power expense was estimated to be \$3,300,000 per year and revenue from the sale of energy to PEC was estimated to be \$700,000 per year.

THE CITY OF QUINCY

FIRM GAS SERVICE

Residential & Commercial Customers


FOR SERVICE DURING:

CONVERSION FACTOR:

DecJan13

1.0200

DEMAND COMPONENTS	TOTAL \$
Demand Charges:	\$33,382
Firm Volume:	15,586

RATE COMPONENTS	\$/MCF
Demand Charges	\$2.185
Spot Market Index Price	\$3.636
Hedge Adjustment	\$2.000
Pipeline Fuel Retention	\$0.112
Firm Transportation	\$0.250
SSC	<u>\$0.172</u>
Delivered Cost to City Gate	\$8.354
City Distribution Charge	\$4.500
<u>Total Sales Rate excluding taxes and base charges</u>	<u>\$/MCF</u>
Residential & Commercial Customers	\$12.854 
Residential & Commercial Customers	<u>\$/CF</u>
	\$1.285

Harborlite

Interruptible Service

BTU Factor: **1.0200**

RATE COMPONENTS	\$/MMBTU	\$/MCF
Gas Cost	\$3.583	\$3.654
Pipeline Fuel Retention	\$0.110	\$0.112
Interruptible Transportation	<u>\$0.488</u>	<u>\$0.497</u>
Delivered Cost to City Gate	\$4.180	\$4.264
Distribution Shrinkage (1%)	\$0.042	\$0.043
Brokerage Fees (per Contract)	<u>\$0.040</u>	<u>\$0.041</u>
Total Delivered Cost to City Gate	\$4.262	\$4.347
City Distribution Charge:	\$0.882	\$0.900
Total Sales Rate (MMBTU/Mcf)	\$5.145	\$5.247 (6)
Total Sales Rate (Therm/cf)	\$0.514	\$0.525

****APPLIES TO HARBORLITE ONLY****

Interruptible Invoice

Mcf Total:	2,383	Billing Period: 12/17/2012 - 1/15/2013
Administrative/Base Charge (Fixed):		Mcf Total
Meter #1 (2,101 Mcf):		\$360.00
Meter #2 (282 Mcf):		\$11,024.89
Total Gas Invoice (excluding Sales Tax):		\$1,479.78
Sales Tax @ 9.5%:		\$12,864.67
Total Bill Including all charges:		\$14,086.81

City of Quincy - Harborlite

Meter # 1			Meter # 2			Monthly	Calendar
Date Read	Reading	Mcf	Reading	Mcf	Total	Billed Total	Month
12/01/11	582,296	1,477	134,407	143	1,620		2,800
12/15/11	583,439	1,143	134,592	185	1,328	2,948	
01/03/12	584,242	803	134,592	0	803		2,131
01/17/12	585,383	1,141	134,874	282	1,423	2,226	
02/01/12	586,404	1,021	135,005	131	1,152		2,575
02/15/12	587,482	1,078	135,110	105	1,183	2,335	
03/01/12	588,406	924	135,439	329	1,253		2,436
03/15/12	589,442	1,036	135,527	88	1,124	2,377	
04/02/12	590,399	957	135,699	172	1,129		2,253
04/16/12	591,234	835	136,087	388	1,223	2,352	
05/01/12	592,581	1,347	136,219	132	1,479		2,702
05/15/12	593,736	1,155	136,260	41	1,196	2,675	
06/01/12	595,314	1,578	136,425	165	1,743		2,939
06/15/12	596,408	1,094	136,425	0	1,094	2,837	
07/02/12	597,311	903	136,565	140	1,043		2,137
07/16/12	598,371	1,060	136,833	268	1,328	2,371	
08/01/12	599,636	1,265	137,130	297	1,562		2,890
08/15/12	600,505	869	137,311	181	1,050	2,612	
09/01/12	601,924	1,419	137,378	67	1,486		2,536
09/17/12	602,970	1,046	137,449	71	1,117	2,603	
10/01/12	603,947	977	137,818	369	1,346		2,463
10/15/12	604,879	932	137,906	88	1,020	2,366	
11/01/12	606,026	1,147	138,131	225	1,372		2,392
11/15/12	606,907	881	138,225	94	975	2,347	
12/03/12	607,944	1,037	138,225	0	1,037		2,012
12/17/12	609,094	1,150	138,232	7	1,157	2,194	
01/02/13	610,212	1,118	138,433	201	1,319		2,476
01/15/13	611,195	983	138,514	81	1,064	2,383	

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