



Date: December 26, 2012

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

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

Re: Power & Fuel Adjustment for December 2012

	<u>Dec-2012</u>	<u>Nov-2012</u>	<u>Change</u>
Electric:	0.0253	0.0265	(0.0012)
Fuel: (Firm gas-residential and commercial customers)	13.016	12.928	0.0871
Harborlite:	5.268	4.844	0.4243
 <u>Harborlite Reading:</u>			
Meter 1	609,094	606,907	2,187
Meter 2	138,232	138,225	7

HARBORLITE BILLING PART III
 STATEMENT OF ELECTRIC - RATES
 PERIODS

11/1/2012
 thru 11/30/2012

Source Doc
 Reference #

DESCRIPTION

MONTHLY CURRENT BAL FROM:

FMPA INVOICE (NOVEMBER 2012)	322,111.76	1
SOUTHEASTERN POWER ADM (SEPA) - NOVEMBER 2012	262,474.61	2
RATE STABILIZATION ALLOCATION (\$875,000/12)	72,916.67	

TOTAL "A" 657,503.04

MONTHLY METER READINGS FROM:

FMPA INVOICE (NOV 2012)	6,609,000	3
SOUTHEASTERN POWER ADM (SEPA) - NOV 2012	4,023,156	4

TOTAL "B" 10,632,156

"A" DIVIDED BY "B" 0.0618

MULTIPLY CONSTANT RATE 1.0600

SUBTRACT CONSTANT RATE 0.038

EQUATION:

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

ELECTRIC 0.0253 Electric Rate to Post

FUEL (residential & commerical) 13.016 5

HARBORLITE (per mcf ex sales tax) 5.268 6

HARBORLITE Reading:

Meter 1	609,094	7
Meter 2	138,232	8

Costs in Quincy Energy Calc

	Oct 2012	Nov 2012
Total ARP Energy Costs	19,672,898.18	11,750,349.01

Project Participant Variable O&M

	(17,516.56)	(3,320.49)
--	-------------	------------

Fuel Hedging

	(2,308,471.46)	1,135,595.56
--	----------------	--------------

Other Costs

	(62,500.00)	(62,500.00)
--	-------------	-------------

Conservation

	(567,996.79)	(1,690,526.37)
--	--------------	----------------

FGU Gas Sales

	5,136.55	45,368.40
--	----------	-----------

FGU Optimization Profits

--	--	--

Costs for Quincy Calculation

	16,721,549.92	11,174,966.11
--	---------------	---------------

Total MWh

	547,781	389,017
--	---------	---------

Cost per Mwh

	30.53	28.73
--	-------	-------

Energy Charge Adjustment (8%)

	2.44	2.30
--	------	------

Quincy Rate

	32.97	31.03
--	-------	-------

(00) - Under Scheduled 00 - Over Scheduled	Imbalance (MWh)		Charges (\$)	
	Within Band	Out of Band	Sept	Sept
Quincy	867	8	(26,642.91)	(172.12)
Total	875		(26,815.03)	

City of Quincy

PEF System Losses	1.66%
Meter Source	MV90
Peak Day (EST)	11/26/2012
Peak HE (EST)	8
PEF System Peak	7493.62
Demand at Peak	20.989
SEPA Allocation	8.400
Demand at Peak (no SEPA)	12.589
Losses	0.213
Adjusted Demand at Peak	12.802

Transmission Services

<u>Product</u>	<u>Adj</u>	<u>Unit Price</u>	<u>Sub Total</u>
	<u>Demand</u>		
	<u>Rec Pt</u>		
Monthly Network Service	12.802	\$ 2,135.00	\$ 27,332.27
 <u>Delivery Point Charges</u>			
Metering Points Below 69 kV	3	\$ 265.00	\$ 795.00
Total Transmission Services			<u>\$ 28,127.27</u>

Ancillary Services

<u>Product</u>	<u>Adj</u>	<u>Unit Price</u>	<u>Sub Total</u>
	<u>Demand</u>		
	<u>Rec Pt</u>		
Reactive and Voltage Control	12.802	\$ 110.00	\$ 1,408.22
Scheduling and Coordination	12.802	\$ 67.00	\$ 857.73
Regulation and Frequency Response	12.802	\$ 70.49	\$ 902.41
Operating Reserve - Spinning	12.802	\$ 42.85	\$ 548.57
Operating Reserve - Supplemental	12.802	\$ 41.62	\$ 532.82
Total Ancillary Services			<u>\$ 4,249.75</u>

Total Network Service	<u><u>\$ 32,377.02</u></u>
------------------------------	-----------------------------------

SOUTHEASTERN POWER ADMINISTRATION
BILL FOR COLLECTION
FLORIDA POWER SERVICE AREA

Contract No: 89-00-1501-200
Bill No: B-13-0336
Billing Month: November 2012
Date: December 5, 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	(4) 4,023,156	\$ 106,653.87	\$ 193,089.87 (2)
Net Purchases Power Cost					\$ 66,396.22 (2)
Total Previous Past Due Amount Invoices					\$ 1,073,802.74
Total of Penalties and Interest for Past Due Amount					\$ 2,988.52 (2)
Total					\$ 1,336,277.35

Capacity Rate (\$/KW): \$ 10.29
Energy Rate (\$/KWh): \$ 0.02651
Average Energy Cost: \$ 0.048 / KWh

AMOUNT DUE THIS BILL: \$ 1,336,277.35

PENALTY CLAUSE FOR LATE PAYMENT APPLIES IF BILL NOT PAID BY DECEMBER 25, 2012.
CALL (706) 213-3856 FOR BILLING INFORMATION.

Received
DEC 10 2012
Utility Dept.

0.*

193,089.87 +
66,396.22 +
2,988.52 +

003

(2) = 262,474.61 +

SOUTHEASTERN POWER ADMINISTRATION
FLORIDA POWER SERVICE AREA - PREFERENCE CUSTOMER

Nov 2012
10/21 - 11/20

City of Quincy

Delivery Point	Peak Date & Time	Demand (KW)		SEPA FlaPwr	Stop Start	Meter Readings		Total Energy (KWh)	Ratio Contract/ Peak	Billing Energy (KWh)	
		Peak Contract	Contract			Net Constant	Constant			SEPA	FL Power
Quincy #1					5212		211	3,038,400			
Quincy #2					5001		14,400.00				
					5303		214	3,081,600			
Quincy South	11/9/2012	20,971	20,971	8,400	5089		14,400.00	3,924,000	0.401	4,023,156	6,020,844
	7:45 AM	8,400	8,400	12,571	9721		436	10,044,000			
					9285		9,000.00				

Customer Totals

Demand (KW)	20,971	Energy (KWh)	\$86,436.00
Peak Contract	8,400	Capacity Energy	\$106,653.87
Contract	12,571	Total	\$193,089.87
		Capacity Energy	\$ 10.29 / KW
		Avg. Cost	\$ 0.02651/KWh
			\$ 0.0480/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
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
Dec 2011	\$92,677.93	\$18,060.00	\$110,737.93	\$0.00	\$110,737.93
Summary for Customer = City of Quincy (11 detail records)					
Sum	\$720,780.02	\$133,812.00	\$854,592.02	\$124,233.62	\$730,358.40
Average	\$65,525.46	\$12,164.73	\$77,690.18	\$11,293.97	\$66,396.22

Friday, November 09, 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 (\$)
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
Dec 2011	7,197,767	893,502	3,742,157	4,349,112	8,091,269	\$77,270.10	\$411,279.20	\$488,549.30	0	\$0.00
Grand Total	62,400,010	-1,987,854	36,280,416	36,077,536	72,357,952	\$573,849.45	\$3,539,637.47	\$4,113,486.92	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:

NovDec12

CONVERSION FACTOR:

1.0200

DEMAND COMPONENTS

	TOTAL \$
<i>Demand Charges:</i>	\$33,382
<i>Firm Volume:</i>	12,099

RATE COMPONENTS

	\$/MCF
Demand Charges	\$2.814
Spot Market Index Price	\$3.667
Hedge Adjustment	\$1.500
Pipeline Fuel Retention	\$0.113
Firm Transportation	\$0.250
SSC	\$0.172
Delivered Cost to City Gate	\$8.516
City Distribution Charge	\$4.500
Total Sales Rate excluding taxes and base charges	\$/MCF
Residential & Commercial Customers	\$13.016 (5)
Residential & Commercial Customers	\$/CF
Residential & Commercial Customers	\$1.302

Harborlite

Interruptible Service

BTU Factor: 1.0200

RATE COMPONENTS	\$/MMBTU	\$/MCF
Gas Cost	\$3.602	\$3.674
Pipeline Fuel Retention	\$0.111	\$0.113
Interruptible Transportation	\$0.488	\$0.497
Delivered Cost to City Gate	\$4.201	\$4.285
Distribution Shrinkage (1%)	\$0.042	\$0.043
Brokerage Fees (per Contract)	\$0.040	\$0.041
Total Delivered Cost to City Gate	\$4.283	\$4.368
City Distribution Charge:	\$0.882	\$0.900
Total Sales Rate (MMBTU/Mcf)	\$5.165	\$5.268 (6)
Total Sales Rate (Therm/cf)	\$0.517	\$0.527

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

Interruptible Invoice

Mcf Total:	2,194	Billing Period: 11/15/2012 - 12/17/2012
Administrative/Base Charge (Fixed):		Mcf Total
Meter #1 (2,028 Mcf):		\$360.00
Meter #2 (319 Mcf):		\$11,521.98
Total Gas Invoice (excluding Sales Tax):		\$36.88
Sales Tax @ 9.5%:		\$11,918.86
Total Bill Including all charges:		\$1,132.29
		\$13,051.15

City of Quincy - Harborlite

<u>Date Read</u>	<u>Meter # 1</u>		<u>Meter # 2</u>		<u>Total</u>	<u>Monthly Billed Total</u>	<u>Calendar Month</u>
	<u>Reading</u>	<u>Mcf</u>	<u>Reading</u>	<u>Mcf</u>			
11/01/11	579,825	846	134,078	63	909		1,865
11/15/11	580,819	994	134,264	186	1,180	2,089	
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	

(7)

(8)