



**Public Resources Management Group, Inc.**  
*Utility, Rate, Financial and Management Consultants*

September 18, 2009

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Division of the Commission Clerk  
and Administrative Services  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, FL 32399-0850

**Subject: City of Vero Beach Tariff Changes for Review**

The City of Vero Beach, Florida has requested that the firm of Public Resources Management Group, Inc. (PRMG) submit the attached tariff changes for review by the Florida Public Service Commission. Our submittal includes i) a brief narrative outlining the cost of service methods used to develop the proposed rates; ii) a set of tables including both the cost of service and rate design analysis; and iii) the proposed tariffs.

The proposed rate tariffs include three (3) new tariffs including a net metering rate (Sheet No. 23), a time of use rate Sheet No. 24), and a standby rate for self generators (Sheet No. 25). In addition, the proposed tariffs include a revised bulk power cost adjustment clause (Sheet No. 18) that reflects the removal of all fuel and purchased power costs from base rates.

If you have any technical questions regarding the cost of service study and proposed rate designs, please contact Mr. Henry Thomas at 407-628-2600.

Respectfully Submitted,  
**Public Resources Management Group, Inc.**

Henry L. Thomas  
Vice President

**Attachments**

- c: Charles P. Vitunac City Attorney, City of Vero Beach
- R. B. Sloan, Utilities Director, City of Vero Beach

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**ATTACHMENT A**

**CITY MEMO**

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Office of the City Attorney

# MEMO

**To:** Mayor and Council  
**From:** Charles Vitunac, City Attorney *Charles Vitunac*  
**Subj:** Transmittal of Electric Rate Study to Public Service Commission  
**Date:** September 11, 2009

The Council recently received a presentation from PRMG on the City's electrical rates, fees and charges which recommended that certain changes in the structure and amount of the rates be made. Florida law (Chapter 366 F.S.) requires that, before final City action, any changes in the rate structure be copied to the Florida Public Service Commission for their review and comment, which must be given within 30 days.

Staff requests approval to send a copy of the electric rate study just submitted to the City by PRMG to the Florida Public Service Commission. Any comments which they might have will be presented at the public hearing which the City must hold before adopting any such changes.

DOCUMENT NUMBER - DATE  
 U974 | SEP 21 09  
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**ATTACHMENT B**

**COST OF SERVICE ANALYSIS**

## SECTION 4

### COST OF SERVICE AND RATE DESIGN ANALYSIS

#### GENERAL

The basic premise in establishing electric rates for different classes of service is that rates should reflect the cost of providing service. As such, a utility cost of service analysis attempts to allocate costs among similar types of customers commensurate with the level of service requirements. Accordingly, cost of service procedures recognize the service requirements of similar customer groups as it relates to each group's total energy use, peak demand or capacity requirements, and other relevant factors.

The City's existing electric rates were discussed in Section 2 of this report. Generally, all customer classes incur a monthly customer charge plus monthly energy charges. For larger commercial customers, a demand charge may also be appropriate. The demand charge recovers the capital and operating costs of the utility required to meet the customer's maximum demand as needed, and is billed per kilowatt (kW) of demand. The monthly customer charge recovers some of the fixed costs that are directly attributable to serving an individual customer, and is billed per month per metered service. Finally, the energy charge recovers all other charges not allocable to the customer and demand (if appropriate) charges. Typically, the energy charge also recovers the variable operating expenses, and is billed per Kilowatt; hour (kWh) consumed. For the purposes of rate design, the City's fuel and purchased power costs will be allocated to the energy charges. Subsequently, the fuel and purchased power costs will be removed from the proposed energy rates to develop two (2) billing attributes:

- City base rates that include the customer, energy and demand charges (if any); and
- BPCA that includes 100% of all fuel and purchased power costs.

#### COST OF SERVICE ANALYSIS

The goal of the cost of service analysis is to develop the underlying cost support to establish a pricing structure to recover the total revenue requirements of the electric system in an equitable manner, consistent with the cost of providing service, regulatory guidelines, overall revenue stability, and the fiscal and pricing policies of the City.

The cost of service analysis conducted for this study consisted of four (4) major steps:

1. Categorizing the costs by system function (i.e., power purchases and production, electric transmission, metering and customer service, administrative, and general);
2. Classifying the functionalized costs into: i) fixed capacity-related; ii) fixed customer-related; and iii) variable- or energy-related;
3. Allocating the classified costs by customer class (e.g., residential, general service non-demand, general service demand); and

4. Allocating each customer class cost between the appropriate charges; customer charge, energy charge, and demand charge (if any).

The information that was used to support the cost of service analysis outlined above included historical accounting records, billing statistics, and by class demand relationships.

## **CLASSIFICATION OF ELECTRIC COSTS**

### **Allocation of O&M by Utility Function**

In order to properly design electric rates, it is necessary to first identify such costs based on utility function (i.e., production, transmission, customer service). Fiscal Year 2010 was selected as the design year to apportion the operating and maintenance costs by utility function. The majority of the expenses were directly apportioned by utility function based on the City's budget-level detail of operating and maintenance costs. The City's budget provides departmental expense detail including the following:

- Power Resources Production
- Fuel and Purchased Power Costs
- Electric Transmission
- Electric Engineering
- Meter Maintenance
- Customer Service and Administrative

### **Classification of Costs by Type of Cost**

The electric costs were further classified into three groups for ratemaking purposes: i) fixed capacity-related costs commonly called demand cost; ii) variable or energy-related costs; and iii) fixed billing and customer service-related costs. The City's revenue requirements are assigned to these three cost classifications on the following basis:

1. Demand Costs – Those costs that are incurred to maintain, in a state of readiness-to-serve, an electric system capable of meeting the total combined demands of all customers are classified as fixed capacity or demand costs. Demand costs include that portion of operating and maintenance expense, debt service, capital expenditures, and other costs which are generally fixed and do not vary materially with the quantity of energy sold or that cannot be designated as a customer or energy charge.
2. Energy Costs – Those costs that vary substantially or directly with the amount of electricity sold as variable or energy-related costs.
3. Customer Costs – Those costs directly related to the number and type of customers, such as customer accounting and billing, customer service, and on-site service meter-related expenses are classified as customer-related costs.

As shown in Table 4-1 at the end of this section, the projected net revenue requirements for Fiscal Year 2010 was allocated by the type of cost for the electric system. The purpose of this task was to apportion the City's expenses among fixed customer-related costs, variable or energy-related costs, and demand-related costs. The following table summarizes the results of our analysis for Fiscal Year 2010:

**Classification of Net Revenue Requirements [1]**

Description	Fiscal Year 2010	
	Amount	Percent of Total
Demand Costs	\$31,990,156	35%
Customer Costs	3,949,052	4%
Energy Costs	<u>56,470,444</u>	<u>61%</u>
Total Net Revenue Requirements	<u>\$92,409,652</u>	<u>100%</u>

[1] Amounts derived from Table 4-1 at the end of this section.

**Allocation of Costs among Customer Classes**

An allocated cost of service analysis was performed to provide a reasonable estimate of the revenue requirements of each customer class served by the City's electric system. The classification of costs into the demand costs, energy costs, and customer costs provides a framework for the allocation of costs to the individual customer classes. The City's electric system presently offers electric service to the following customer classes:

- Residential
- Commercial Non-Demand
- Commercial Demand
- Industrial Demand
- Outdoor, Street and Signal Lighting

Currently, there is only one customer under the industrial demand rate and following a review of the customers demand and energy use and subsequent discussions with City staff, we currently find no significant distinction between the current industrial customer and the other commercial demand customers. Therefore, a component of our study includes recommending the repeal and elimination of the industrial demand rate. The allocated cost of service then addresses the remaining retail rate classes.

**Development of Allocation Factors**

In order to develop, to the extent practical, equitable rates among the electric system's rate classifications, it was necessary to develop certain allocation factors which apportion the total electric system costs to such rate classifications. Table 4-2 at the end of this section, summarizes the load research data provided by the Florida Public Service Commission (FPSC). The amounts were based upon 2008 Load Research Results submitted to the FPSC by Florida Power & Light Company (FPL), who is also the City's contiguous utility. The following tabulation summarizes to reported load factors for the retail classes:

Customer Class	Load Factors	
	Coincident Peak Demand	Non-coincident Peak Demand
Residential	64.1%	45.9%
Commercial Non-Demand	65.7%	49.8%
Commercial Demand	73.9%	60.8%

Demand allocation factors are normally developed in rate studies to reflect the cost responsibility of the various customer classes with respect to the costs classified as capacity-related. In order to develop precise demand allocation factors, it is generally necessary to undertake a load sampling program in which recording demand meters are placed on a statistically derived sample of customers in each of the various customer classifications. Information obtained from the recording demand meters over a period of time is then analyzed in order to estimate each customer class' contribution to the electric system's peak demand. The contribution peak demand is based on determining each customer class' responsibility for the capacity costs associated with meeting such peak demands. The City currently does not maintain such metering equipment for all its customers; therefore, the demand-related costs have been apportioned to the various customer classifications based on the load research data provided above, which is based on the City's contiguous utility's actual operating conditions.

Table 4-3 at the end of this section provides additional allocation factors used to apportion the classified costs among the different customer classes. Such factors included each class' contribution to system sales or energy costs, meter reading and meter maintenance costs, and transmission and other facility-related costs. The allocation factors were based on the projected customer and sales requirements for Fiscal Year 2010 discussed in Section 2 of this report. Table 4-3 provides the detailed calculations behind the cost of service results shown below and in Table 4-4:

<b>Projected Cost of Service Results - Fiscal Year 2010</b>				
<b>Customer Service Class</b>	<b>Existing Rate Revenue</b>	<b>Allocated Cost of Service</b>	<b>Revenue Surplus (Deficiency)</b>	<b>Proposed Rate Increase</b>
Residential	\$43,895,303	\$46,442,563	(\$2,547,259)	(5.80%)
Commercial Non-Demand	11,696,782	12,066,286	(369,504)	(3.16%)
Commercial Demand	31,468,393	32,903,907	(1,435,513)	(4.56%)
Outdoor, Street & Signal Lighting	<u>948,714</u>	<u>996,897</u>	<u>(48,183)</u>	<u>(5.08%)</u>
<b>Total Electric System</b>	<b><u>\$88,009,193</u></b>	<b><u>\$92,409,652</u></b>	<b><u>(\$4,400,460)</u></b>	<b><u>(5.00%)</u></b>

## **RATE DEVELOPMENT**

### **General**

The rates and charges for each customer classification are developed such that the total revenue requirements of the System will be recovered consistent with regulatory guidelines, overall revenue stability, cost of service, historical rate form, and the goals and policies of the City. The rate levels and rate structures, to the extent possible, should meet the following utility rate criteria for service provided by publicly owned utilities:

- Utility rates should produce revenues sufficient to maintain sound operations and financial objectives and to fund projected environmental, renewal and replacement, and capacity-related capital needs;
- Utility rates should be based on a policy that calls for rates consistent with customer requirements of providing utility service based on a cost recovery and funding strategy that



considers future expenditure needs and phases in rate adjustments to achieve the lowest possible rates on an ongoing basis;

- Utility rates should provide a stable and dependable funding source;
- Utility rates should be simple and understandable;
- Utility rates should be equitable among customers, taking into consideration full cost recovery of the System and the cost of providing service among the customers or users of the System;
- Utility rates should be developed to encourage the most efficient use of utility plant and facilities and discourage unnecessary or wasteful use; and
- Utility rates should comply with applicable requirements of state regulatory authorities, if any, which may have jurisdiction.

In addition, other factors that should be considered in the design of utility rates include historical rate form, competitiveness with other utility systems, and the goals and policies of those charged with the management and operation of the utility system.

### **Proposed Rate Design**

Table 4-4 at the end of this section summarizes the cost of service results, and provides recommended rates by rate component for each service class (i.e., customer charges, energy charges (including fuel and purchased power), and demand charges if appropriate). To the extent practical, the proposed rates have been designed based upon the cost of service results including the calculated rates; however, certain over-riding principals were applied that included: 1) not reducing any charge below its current level, and 2) where the rates were deemed competitive with other municipal electric utilities, emphasis was placed on revenue stability. Additionally, in order to provide a pricing mechanism that may send a conservation signal to residential consumers, PRMG is recommending an inverted residential pricing structure where the cost per kWh will increase for usage above 1,000 monthly kWhs.

Based on the cost of service allocation results and the projected customer and billing determinants developed for Fiscal Year 2010, Table 4-5 at the end of this section provides the rate design and revenue test for the proposed rates, including 100% of fuel and purchased power costs. Subsequently, as shown in Table 4-6, we removed the projected fuel and purchased power costs (the BPCA) from the proposed energy rates to develop two (2) rate components; the base City rates and the BPCA. The total amount removed from the proposed energy charges was estimated at \$0.0740 per kWh. The rates were then increased in each subsequent fiscal year by the City's base rate needs. The following table summarizes the proposed City base rates through Fiscal Year 2014:

## Existing to Proposed City Electric Rates (Base Rates Excluding 100% of Bulk Purchased Power Costs)

Description	Existing Rates	Proposed Rates				
		January 1	October 1			
		2010	2010	2011	2012	2013
<b>RESIDENTIAL</b>						
Inside City – Rate Code E11						
Customer Charge	\$7.21	\$7.95	\$8.14	\$8.33	\$8.43	\$8.53
Energy Charge						
0 – 1,000 kWh	0.04585	0.04400	0.04500	0.04610	0.04660	0.04720
Above 1,000 kWh	0.04585	0.06900	0.07060	0.07230	0.07320	0.07410
Outside City – Rate Code E12						
Customer Charge	\$7.93	\$7.95	\$8.14	\$8.33	\$8.43	\$8.53
Energy Charge						
0 – 1,000 kWh	0.05044	0.04400	0.04500	0.04610	0.04660	0.04720
Above 1,000 kWh	0.05044	0.06900	0.07060	0.07230	0.07320	0.07410
<b>COMMERCIAL – NON-DEMAND</b>						
Inside City – Rate Code E14						
Customer Charge	\$8.03	\$9.00	\$9.21	\$9.43	\$9.54	\$9.65
Energy Charge	0.04705	0.05040	0.05160	0.05280	0.05340	0.05400
Outside City – Rate Code E15						
Customer Charge	\$8.83	\$9.00	\$9.21	\$9.43	\$9.54	\$9.65
Energy Charge	0.05176	0.05040	0.05160	0.05280	0.05340	0.05400
<b>COMMERCIAL – DEMAND</b>						
Inside City – Rate Code E21						
Customer Charge	\$37.08	\$38.00	\$38.89	\$39.80	\$40.27	\$40.75
Demand Charge per kW	3.81	6.34	6.49	6.64	6.72	6.80
Energy Charge per kW						
0 – 400 kWh	0.03015	0.02860	0.02930	0.03000	0.03040	0.03080
Above 400 kWh	0.01005	0.00810	0.00830	0.00850	0.00860	0.00870
<i>Table continued on following page.</i>						
Outside City – Rate Code E22						
Customer Charge	\$40.79	\$38.00	\$38.89	\$39.80	\$40.27	\$40.75
Demand Charge per kW	4.19	6.34	6.49	6.64	6.72	6.80
Energy Charge per kW						
0 – 400 kWh	0.03317	0.02860	0.02930	0.03000	0.03040	0.03080
Above 400 kWh	0.01106	0.00810	0.00830	0.00850	0.00860	0.00870
<b>INDUSTRIAL – DEMAND [1]</b>						
Inside City – Rate Code E23						
Customer Charge	\$70.56	\$38.00	\$38.89	\$39.80	\$40.27	\$40.75
Demand Charge per kW	3.71	6.34	6.49	6.64	6.72	6.80
Energy Charge per kW						
0 – 400 kWh	0.03015	0.02860	0.02930	0.03000	0.03040	0.03080
Above 400 kWh	0.01075	0.00810	0.00830	0.00850	0.00860	0.00870

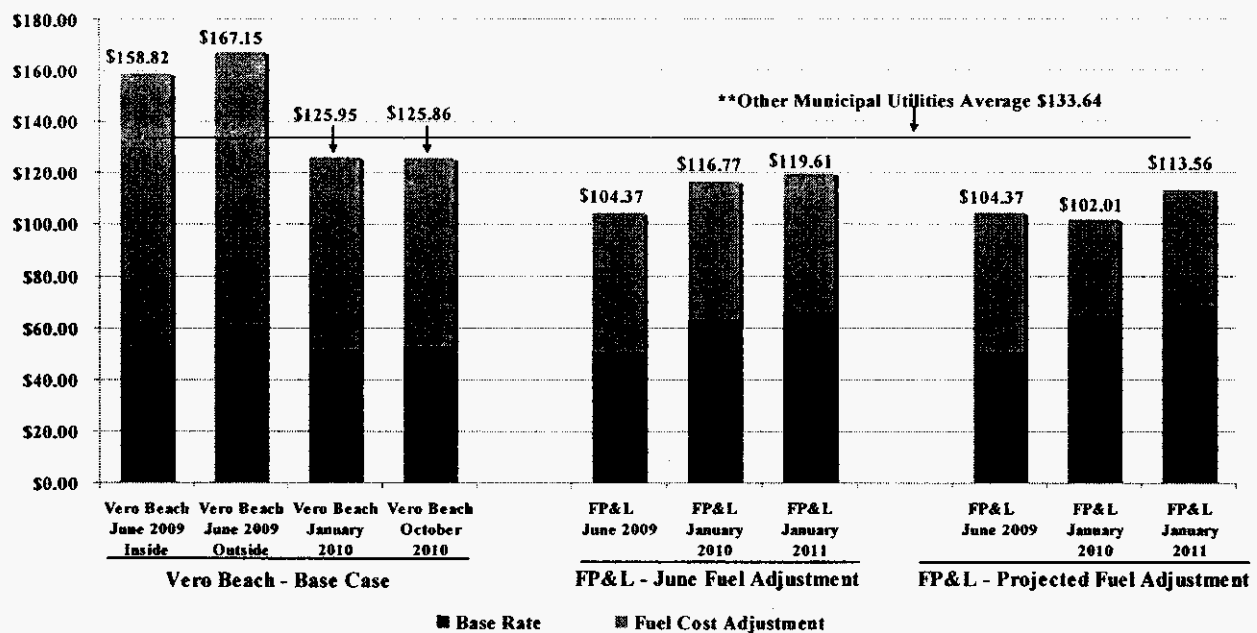
[1] Based on a review of the industrial customer's demand and energy requirements and discussions with City staff, the industrial rate schedule is proposed to be repealed, and replaced with the commercial-demand rate.

Based on the cost of service analysis, PRMG also developed proposed rates for outdoor and street lighting. Table 4-8 at the end of this section provides the proposed rates per fixture and pole associated with outdoor light services.

### COMPARISON OF ELECTRIC RATES

In order to provide the City with additional information regarding its rate competitiveness, PRMG developed a utility rate comparison based upon the typical residential monthly energy use of 1,000 kWh. The following chart summarizes the City's existing to proposed rates and how the typical bill compares with other Florida electric utilities, including FPL that is the City's contiguous utility:

**Residential Electric Bill Comparison  
Utilizing 1,000 kWh per Month \***



\*Amounts shown do not include any applicable taxes.

\*\*Amounts based on Comparison of Residential Electric Rates compiled by Florida Municipal Electric Association, Inc. as of May 31, 2009. Does not reflect subsequent changes to base and/or fuel charges.

### DEMAND-SIDE MANAGEMENT RATES

To Come from Henry

**Section 4**  
**City of Vero Beach**  
**Electric System Rate Study**

**List of Tables**

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4-1	Classification of Net Revenue Requirements
4-2	Development of Load Factors
4-3	Allocation of Revenue Requirements to Customer Classes
4-4	Cost Recovery Strategy - (BPCA Roll-up)
4-5	Rate Design and Projected Revenue Test - (BPCA Roll-up)
4-6	Determination of Proposed Electric Base Rates
4-7	Summary of Existing and Proposed Electric Base Rates
4-8	Summary of Proposed Outdoor Lighting and Rental Rates

Table 4-1  
City of Vero Beach  
Electric System Rate Study

Classification of Net Revenue Requirements

Line No.	Description	Test Year 2010	Allocation Reference	Customer-Related Costs			12 CP Demand	NCP Demand	Revenue	Direct Assignment	
				Facility Related	Customer Service	Energy				Residential	Outdoor Lights
<b>ELECTRIC OPERATING EXPENSES</b>											
<b>Power Resources</b>											
Personal Services - Power Resources											
1	Operating Salaries	\$2,162,161	12 CP	\$0	\$0	\$0	\$2,162,161	\$0	\$0	\$0	\$0
2	Overtime Salaries	220,000	12 CP	0	0	0	220,000	0	0	0	0
3	Meal Allowance	0	12 CP	0	0	0	0	0	0	0	0
4	Social Security	155,344	12 CP	0	0	0	155,344	0	0	0	0
5	Pension Contribution	410,600	12 CP	0	0	0	410,600	0	0	0	0
6	Group Life Insurance	8,627	12 CP	0	0	0	8,627	0	0	0	0
7	Hospitalization Insurance	279,608	12 CP	0	0	0	279,608	0	0	0	0
8	Additional Personnel	0	12 CP	0	0	0	0	0	0	0	0
9	Total Personal Services - Power Resources	\$3,236,340		\$0	\$0	\$0	\$3,236,340	\$0	\$0	\$0	\$0
Operating Expenses - Power Resources											
10	Professional Services	\$150,000	12 CP	\$0	\$0	\$0	\$150,000	\$0	\$0	\$0	\$0
11	Professional Services - Permitting	5,000	12 CP	0	0	0	5,000	0	0	0	0
12	Moving Expense	0	12 CP	0	0	0	0	0	0	0	0
13	Cleaning & Laundry	18,000	12 CP	0	0	0	18,000	0	0	0	0
14	Mileage Allowance	4,000	12 CP	0	0	0	4,000	0	0	0	0
15	Auto Allowance	3,600	12 CP	0	0	0	3,600	0	0	0	0
16	Telephone	11,000	12 CP	0	0	0	11,000	0	0	0	0
17	Postage	1,800	12 CP	0	0	0	1,800	0	0	0	0
18	Utilities	65,000	12 CP	0	0	0	65,000	0	0	0	0
19	Machinery & Equipment Rent	9,000	12 CP	0	0	0	9,000	0	0	0	0
20	General Insurance - Broker	225,000	12 CP	0	0	0	225,000	0	0	0	0
21	Vehicle Maintenance	5,041	12 CP	0	0	0	5,041	0	0	0	0
22	Building Maintenance	5,000	12 CP	0	0	0	5,000	0	0	0	0
23	Instrumentation Maintenance	50,000	12 CP	0	0	0	50,000	0	0	0	0
24	Plant Computer Maintenance	10,000	12 CP	0	0	0	10,000	0	0	0	0
25	Office Equipment Maintenance	5,000	12 CP	0	0	0	5,000	0	0	0	0
26	Vehicle & Equipment Maintenance	550	12 CP	0	0	0	550	0	0	0	0
27	Grounds Maintenance	38,000	12 CP	0	0	0	38,000	0	0	0	0
28	Printing & Binding	400	12 CP	0	0	0	400	0	0	0	0
29	Schools & Meetings	40,000	12 CP	0	0	0	40,000	0	0	0	0
30	Environmental & Pollution	215,000	12 CP	0	0	0	215,000	0	0	0	0
31	Landfill Fees	5,000	12 CP	0	0	0	5,000	0	0	0	0
32	Office Supplies	8,000	12 CP	0	0	0	8,000	0	0	0	0
33	Logs/Charts/Forms/Maps	1,000	12 CP	0	0	0	1,000	0	0	0	0
34	Office Furniture & Equipment	1,900	12 CP	0	0	0	1,900	0	0	0	0
35	Gas & Oil	2,000	12 CP	0	0	0	2,000	0	0	0	0
36	Janitorial Supplies	15,000	12 CP	0	0	0	15,000	0	0	0	0
37	Uniforms & Clothing	12,000	12 CP	0	0	0	12,000	0	0	0	0
38	Chemical & Water Treatment Supplies	48,000	12 CP	0	0	0	48,000	0	0	0	0
39	Lubricants	3,000	12 CP	0	0	0	3,000	0	0	0	0
40	Generator Cooling Gases	30,000	12 CP	0	0	0	30,000	0	0	0	0
41	Electrical Materials	15,000	12 CP	0	0	0	15,000	0	0	0	0
42	Horticulture Supplies	0	12 CP	0	0	0	0	0	0	0	0
43	First Aid Supplies	500	12 CP	0	0	0	500	0	0	0	0
44	Machine Shop Supplies	20,000	12 CP	0	0	0	20,000	0	0	0	0
45	Subscriptions/Memberships	3,500	12 CP	0	0	0	3,500	0	0	0	0
46	Miscellaneous	15,000	12 CP	0	0	0	15,000	0	0	0	0



**Table 4-1**  
**City of Vero Beach**  
**Electric System Rate Study**

Classification of Net Revenue Requirements

Line No.	Description	Test Year 2010	Allocation Reference	Customer-Related Costs			12 CP Demand	NCP Demand	Revenue	Direct Assignment	
				Facility Related	Customer Service	Energy				Residential	Outdoor Lights
<b>Electric T&amp;D</b>											
<b>Personal Services - Electric T&amp;D</b>											
86	Operating Salaries	\$2,436,304	Distribution	\$0	\$0	\$0	\$0	\$2,354,372	\$0	\$0	\$81,932
87	Overtime Salaries	212,000	Distribution	0	0	0	0	204,870	0	0	7,130
88	Meal Allowance	800	Distribution	0	0	0	0	773	0	0	27
89	Social Security	178,271	Distribution	0	0	0	0	172,276	0	0	5,995
90	Pension Contribution	566,600	Distribution	0	0	0	0	547,545	0	0	19,055
91	Group Life Insurance	9,616	Distribution	0	0	0	0	9,293	0	0	323
92	Hospitalization Insurance	327,568	Distribution	0	0	0	0	316,552	0	0	11,016
93	Additional Personnel	0	Distribution	0	0	0	0	0	0	0	0
94	<b>Total Personal Services - Electric T&amp;D</b>	<b>\$3,731,159</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,605,681</b>	<b>\$0</b>	<b>\$0</b>	<b>\$125,478</b>
<b>Operating Expenses - Electric T&amp;D</b>											
95	Professional Services	\$50,000	Distribution	\$0	\$0	\$0	\$0	\$48,319	\$0	\$0	\$1,681
96	Cleaning & Laundry	20,000	Distribution	0	0	0	0	19,327	0	0	673
97	Janitorial Services	7,000	Distribution	0	0	0	0	6,765	0	0	235
98	Pole Rental	34,000	Distribution	0	0	0	0	32,857	0	0	1,143
99	Environment Health & Safety	25,000	Distribution	0	0	0	0	24,159	0	0	841
100	Mileage Allowance	2,000	Distribution	0	0	0	0	1,933	0	0	67
101	Auto Allowance	2,100	Distribution	0	0	0	0	2,029	0	0	71
102	Telephone	45,000	Distribution	0	0	0	0	43,487	0	0	1,513
103	Postage	400	Distribution	0	0	0	0	387	0	0	13
104	Utilities	38,500	Distribution	0	0	0	0	37,205	0	0	1,295
105	Equipment Rental	6,710	Distribution	0	0	0	0	6,484	0	0	226
106	Airport Land Rent	50,000	Distribution	0	0	0	0	48,319	0	0	1,681
107	Vehicle Maintenance	37,285	Distribution	0	0	0	0	36,031	0	0	1,254
108	Building Maintenance	8,000	Distribution	0	0	0	0	7,731	0	0	269
109	A/C Maintenance	1,500	Distribution	0	0	0	0	1,450	0	0	50
110	Office Equipment Maintenance	2,000	Distribution	0	0	0	0	1,933	0	0	67
111	Radio Maintenance	4,000	Distribution	0	0	0	0	3,865	0	0	135
112	Station Equip Maint/Distribution	10,000	Distribution	0	0	0	0	9,664	0	0	336
113	Hydraulic Equipment Maintenance	15,000	Distribution	0	0	0	0	14,496	0	0	504
114	Grounds Maintenance/Distribution	65,000	Distribution	0	0	0	0	62,814	0	0	2,186
115	Software Maintenance	55,000	Distribution	0	0	0	0	53,150	0	0	1,850
116	Printing & Binding	200	Distribution	0	0	0	0	193	0	0	7
117	Advertising	100	Distribution	0	0	0	0	97	0	0	3
118	Schools & Meetings	45,000	Distribution	0	0	0	0	43,487	0	0	1,513
119	Landfill Fees	1,500	Distribution	0	0	0	0	1,450	0	0	50
120	Office Supplies	8,000	Distribution	0	0	0	0	7,731	0	0	269
121	Office Furniture & Equipment	4,000	Distribution	0	0	0	0	3,865	0	0	135
122	Gas & Oil	66,000	Distribution	0	0	0	0	63,780	0	0	2,220
123	Janitorial Supplies	2,000	Distribution	0	0	0	0	1,933	0	0	67
124	Uniforms & Clothing	6,500	Distribution	0	0	0	0	6,281	0	0	219
125	Station Equipment/Distribution	2,500	Distribution	0	0	0	0	2,416	0	0	84
126	Tools & Instruments	15,000	Distribution	0	0	0	0	14,496	0	0	504
127	Station Expenses/Distribution	12,000	Distribution	0	0	0	0	11,596	0	0	404
128	Overhead Lines Maintenance	300,000	Distribution	0	0	0	0	289,911	0	0	10,089
129	Underground Lines Maintenance	10,000	Distribution	0	0	0	0	9,664	0	0	336
130	Station Material/Distribution	25,000	Distribution	0	0	0	0	24,159	0	0	841
131	Overhead Line Material	2,500	Distribution	0	0	0	0	2,416	0	0	84

**Table 4-1**  
**City of Vero Beach**  
**Electric System Rate Study**

**Classification of Net Revenue Requirements**

Line No.	Description	Test Year 2010	Allocation Reference	Customer-Related Costs					Direct Assignment		
				Facility Related	Customer Service	Energy	12 CP Demand	NCP Demand	Revenue	Residential	Outdoor Lights
132	Line Transformer Material	3,500	Distribution	0	0	0	0	3,382	0	0	118
133	Street Light Material	4,000	OL	0	0	0	0	0	0	0	4,000
134	Subscriptions/Memberships	1,000	Distribution	0	0	0	0	966	0	0	34
135	Miscellaneous	5,000	Distribution	0	0	0	0	4,832	0	0	168
136	<b>Total Operating Expenses - Electric T&amp;D</b>	<b>\$992,295</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$955,059</b>	<b>\$0</b>	<b>\$0</b>	<b>\$37,236</b>
137	<b>Total Electric T&amp;D</b>	<b>\$4,723,454</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,560,740</b>	<b>\$0</b>	<b>\$0</b>	<b>\$162,714</b>
<b>Electric Metering</b>											
<b>Personal Services - Electric Metering</b>											
138	Operating Salaries	\$516,180	Facility	\$516,180	\$0	\$0	\$0	\$0	\$0	\$0	\$0
139	Overtime Salaries	35,000	Facility	35,000	0	0	0	0	0	0	0
140	Meal Allowance	100	Facility	100	0	0	0	0	0	0	0
141	Social Security	36,715	Facility	36,715	0	0	0	0	0	0	0
142	Pension Contribution	110,600	Facility	110,600	0	0	0	0	0	0	0
143	Group Life Insurance	2,014	Facility	2,014	0	0	0	0	0	0	0
144	Hospitalization Insurance	82,785	Facility	82,785	0	0	0	0	0	0	0
145	Additional Personnel	0	Facility	0	0	0	0	0	0	0	0
146	<b>Total Personal Services - Electric Metering</b>	<b>\$783,394</b>		<b>\$783,394</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Operating Expenses - Electric Metering</b>											
147	Professional Services	\$1,000	Facility	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
148	Cleaning & Laundry	4,000	Facility	4,000	0	0	0	0	0	0	0
149	Telephone	650	Facility	650	0	0	0	0	0	0	0
150	Postage	250	Facility	250	0	0	0	0	0	0	0
151	Utilities	8,650	Facility	8,650	0	0	0	0	0	0	0
152	Vehicle Maintenance	10,303	Facility	10,303	0	0	0	0	0	0	0
153	Meter Maintenance/Distribution	3,000	Facility	3,000	0	0	0	0	0	0	0
154	Building Maintenance	5,000	Facility	5,000	0	0	0	0	0	0	0
155	Office Equipment Maintenance	1,000	Facility	1,000	0	0	0	0	0	0	0
156	Radio Maintenance	1,000	Facility	1,000	0	0	0	0	0	0	0
157	Tools/Shop Equipment Maintenance	1,000	Facility	1,000	0	0	0	0	0	0	0
158	Disposal of Scrap Material	100	Facility	100	0	0	0	0	0	0	0
159	Printing & Binding	100	Facility	100	0	0	0	0	0	0	0
160	Advertising	100	Facility	100	0	0	0	0	0	0	0
161	Schools & Meetings	7,500	Facility	7,500	0	0	0	0	0	0	0
162	Office Supplies	1,000	Facility	1,000	0	0	0	0	0	0	0
163	Office Furniture & Equipment	2,500	Facility	2,500	0	0	0	0	0	0	0
164	Gas & Oil	13,000	Facility	13,000	0	0	0	0	0	0	0
165	Uniforms & Clothing	2,500	Facility	2,500	0	0	0	0	0	0	0
166	Tools & Instruments	2,000	Facility	2,000	0	0	0	0	0	0	0
167	Subscriptions/Memberships	350	Facility	350	0	0	0	0	0	0	0
168	Miscellaneous	2,000	Facility	2,000	0	0	0	0	0	0	0
169	<b>Total Operating Expenses - Electric Metering</b>	<b>\$67,003</b>		<b>\$67,003</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
170	<b>Total Electric Metering</b>	<b>\$850,397</b>		<b>\$850,397</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Electrical Engineering &amp; New Construction</b>											
<b>Personal Services - Electrical Engineering &amp; New Construction</b>											
171	Operating Salaries/Distribution	\$596,300	Plant	\$0	\$0	\$0	\$258,110	\$338,190	\$0	\$0	\$0



**Table 4-1**  
**City of Vero Beach**  
**Electric System Rate Study**

**Classification of Net Revenue Requirements**

Line No.	Description	Test Year 2010	Allocation Reference	Customer-Related Costs					Direct Assignment		
				Facility Related	Customer Service	Energy	12 CP Demand	NCP Demand	Revenue	Residential	Outdoor Lights
172	Overtime Salaries	0	Plant	0	0	0	0	0	0	0	0
173	Meal Allowance	0	Plant	0	0	0	0	0	0	0	0
174	Social Security	43,793	Plant	0	0	0	18,956	24,837	0	0	0
175	Pension Contribution	158,600	Plant	0	0	0	68,650	89,950	0	0	0
176	Group Life Insurance	2,384	Plant	0	0	0	1,032	1,352	0	0	0
177	Hospitalization Insurance	75,234	Plant	0	0	0	32,565	42,669	0	0	0
178	Additional Personnel	0	Plant	0	0	0	0	0	0	0	0
179	<b>Total Personal Services - Electrical Engineering &amp; New Construction</b>	<b>\$876,311</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$379,313</b>	<b>\$496,998</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Operating Expenses - Electrical Engineering &amp; New Construction</b>											
180	Professional Services	\$0	Plant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
181	Janitorial Services	3,000	Plant	0	0	0	1,299	1,701	0	0	0
182	Mileage Allowance	4,000	Plant	0	0	0	1,731	2,269	0	0	0
183	Auto Allowance	0	Plant	0	0	0	0	0	0	0	0
184	Telephone	5,500	Plant	0	0	0	2,381	3,119	0	0	0
185	Postage	250	Plant	0	0	0	108	142	0	0	0
186	Utilities	10,000	Plant	0	0	0	4,329	5,671	0	0	0
187	Vehicle Maintenance	2,278	Plant	0	0	0	986	1,292	0	0	0
188	Building Maintenance	1,100	Plant	0	0	0	476	624	0	0	0
189	Office Equipment Maintenance	7,000	Plant	0	0	0	3,030	3,970	0	0	0
190	Software Maintenance	10,000	Plant	0	0	0	4,329	5,671	0	0	0
191	Printing & Binding	600	Plant	0	0	0	260	340	0	0	0
192	Advertising	300	Plant	0	0	0	130	170	0	0	0
193	Schools & Meetings	20,000	Plant	0	0	0	8,657	11,343	0	0	0
194	Office Supplies	2,800	Plant	0	0	0	1,212	1,588	0	0	0
195	Logs/Charts/Forms/Maps	3,000	Plant	0	0	0	1,299	1,701	0	0	0
196	Office Furniture & Equipment	8,500	Plant	0	0	0	3,679	4,821	0	0	0
197	Gas & Oil	3,500	Plant	0	0	0	1,515	1,985	0	0	0
198	Janitorial Supplies	100	Plant	0	0	0	43	57	0	0	0
199	Subscriptions/Memberships	500	Plant	0	0	0	216	284	0	0	0
200	Miscellaneous	1,500	Plant	0	0	0	649	851	0	0	0
201	<b>Total Operating Expenses - Electrical Engineering &amp; New Construction</b>	<b>\$83,928</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$36,328</b>	<b>\$47,600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
202	<b>Total Electrical Engineering &amp; New Construction</b>	<b>\$960,239</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$415,641</b>	<b>\$544,598</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Electric NonDepartmental</b>											
<b>Personal Services - Electric NonDepartmental</b>											
203	Retirement Premium Assistance	\$113,000	Salaries	\$8,874	\$15,279	\$0	\$40,955	\$46,471	\$0	\$0	\$1,421
204	Workers Compensation	\$2,500	Salaries	4,123	7,099	0	19,028	21,591	0	0	660
205	State Unemployment Comp	\$15,000	Salaries	1,178	2,028	0	5,436	6,169	0	0	189
206	<b>Total Personal Services - Electric NonDepartmental</b>	<b>\$180,500</b>		<b>\$14,174</b>	<b>\$24,406</b>	<b>\$0</b>	<b>\$65,419</b>	<b>\$74,230</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,270</b>
<b>Operating Expenses - Electric NonDepartmental</b>											
207	Professional Services	\$61,800	Revenue	\$0	\$0	\$0	\$0	\$0	\$61,800	\$0	\$0
208	Paying Agents Fee	17,510	Revenue	0	0	0	0	0	17,510	0	0
209	Audit	37,389	Revenue	0	0	0	0	0	37,389	0	0
210	Telecommunications Services	23,252	Salaries	1,826	3,144	0	8,427	9,562	0	0	292
211	Airport Land Rent	72,842	Revenue	0	0	0	0	0	72,842	0	0
212	General Insurance	1,955,415	Plant	0	0	0	846,405	1,109,010	0	0	0
213	Insurance Arvay	30,540	Plant	0	0	0	13,219	17,320	0	0	0
214	Diesel Plant Miscellaneous	30,900	12 CP	0	0	0	30,900	0	0	0	0

**Table 4-1**  
**City of Vero Beach**  
**Electric System Rate Study**

**Classification of Net Revenue Requirements**

Line No.	Description	Test Year 2010	Allocation Reference	Customer-Related Costs					Direct Assignment		
				Facility Related	Customer Service	Energy	12 CP Demand	NCP Demand	Revenue	Residential	Outdoor Lights
215	General Fund Admin Charges	1,793,700	Salaries	140,853	242,537	0	650,091	737,658	0	0	22,561
216	Meter Deposit Interest	175,234	Customer	0	175,234	0	0	0	0	0	0
217	Bad Debts	150,000	Revenue	0	0	0	0	0	150,000	0	0
218	Landfill Fees	3,090	NCP	0	0	0	0	3,090	0	0	0
219	PSC Regulatory Fee	10,300	NCP	0	0	0	0	10,300	0	0	0
220	FMEA Membership	36,050	NCP	0	0	0	0	36,050	0	0	0
221	FMPA Joint Purchasing Fees	10,300	NCP	0	0	0	0	10,300	0	0	0
222	Miscellaneous	15,450	NCP	0	0	0	0	15,450	0	0	0
223	Grace	36,050	NCP	0	0	0	0	36,050	0	0	0
224	<b>Total Operating Expenses - Electric NonDepartmental</b>	<b>\$4,459,822</b>		<b>\$142,679</b>	<b>\$420,915</b>	<b>\$0</b>	<b>\$1,549,042</b>	<b>\$1,984,791</b>	<b>\$339,541</b>	<b>\$0</b>	<b>\$22,853</b>
225	<b>Total Electric NonDepartmental</b>	<b>\$4,640,322</b>		<b>\$156,854</b>	<b>\$445,322</b>	<b>\$0</b>	<b>\$1,614,461</b>	<b>\$2,059,021</b>	<b>\$339,541</b>	<b>\$0</b>	<b>\$25,124</b>
226	Contingency (Excluding Purchased Power) (2.5%)	\$463,901	Revenue	\$0	\$0	\$0	\$0	\$0	\$463,901	\$0	\$0
227	<b>Total Operating Expenses</b>	<b>\$72,426,792</b>		<b>\$1,007,251</b>	<b>\$2,424,330</b>	<b>\$53,406,840</b>	<b>\$7,432,733</b>	<b>\$7,164,359</b>	<b>\$803,442</b>	<b>\$0</b>	<b>\$187,838</b>
<b>Other Revenue Requirements</b>											
228	Debt Service	\$6,824,706	Plant	\$0	\$0	\$0	\$2,954,086	\$3,870,619	\$0	\$0	\$0
229	Less: Debt Service Funded from Impact Fees	0	Plant	0	0	0	0	0	0	0	0
230	Capital Funded From Rates	678,000	Equipment	69,605	0	0	122,472	485,923	0	0	0
231	Deposit to R&R Fund	9,101,937	Rehabilitation	423,403	0	0	2,312,149	5,912,301	0	0	454,084
232	Transfer to the General Fund	5,893,000	Revenue	0	0	0	0	0	5,893,000	0	0
233	Transfer to Operating Reserves Fund	0	Revenue	0	0	0	0	0	0	0	0
234	<b>Total Other Revenue Requirements</b>	<b>\$22,497,643</b>		<b>\$493,008</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,388,707</b>	<b>\$10,268,844</b>	<b>\$5,893,000</b>	<b>\$0</b>	<b>\$454,084</b>
235	<b>Gross Revenue Requirements</b>	<b>\$94,924,435</b>		<b>\$1,500,258</b>	<b>\$2,424,330</b>	<b>\$53,406,840</b>	<b>\$12,821,440</b>	<b>\$17,433,203</b>	<b>\$6,696,442</b>	<b>\$0</b>	<b>\$641,922</b>
<b>Less Other Operating Revenues</b>											
236	Other Operating Revenue	(\$1,232,700)	Other Revenue	(\$545,000)	(\$269,500)	\$0	\$0	\$0	(\$401,000)	\$0	(\$17,200)
237	Unrestricted Interest Income	(163,500)	Revenue	0	0	0	0	0	(163,500)	0	0
238	Operating Reserves - Uses of	0	Revenue	0	0	0	0	0	0	0	0
239	<b>Total Other Operating Revenue</b>	<b>(\$1,396,200)</b>		<b>(\$545,000)</b>	<b>(\$269,500)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>(\$564,500)</b>	<b>\$0</b>	<b>(\$17,200)</b>
240	<b>Net Revenue Requirements</b>	<b>\$93,528,235</b>		<b>\$955,258</b>	<b>\$2,154,830</b>	<b>\$53,406,840</b>	<b>\$12,821,440</b>	<b>\$17,433,203</b>	<b>\$6,131,942</b>	<b>\$0</b>	<b>\$624,722</b>
241	Adjustment to Working Capital - Surplus (Deficiency)	(\$1,118,583)	Revenue	\$0	\$0	\$0	\$0	\$0	(\$1,118,583)	\$0	\$0
242	<b>Net Revenue Requirements - As Adjusted</b>	<b>\$92,409,652</b>		<b>\$955,258</b>	<b>\$2,154,830</b>	<b>\$53,406,840</b>	<b>\$12,821,440</b>	<b>\$17,433,203</b>	<b>\$5,013,359</b>	<b>\$0</b>	<b>\$624,722</b>
243	Reclassify Revenue Allocations	\$0		\$54,797	\$123,609	\$3,063,604	\$735,483	\$1,000,030	(\$5,013,359)	\$0	\$35,836
244	<b>Net Revenue Requirements Recoverable from Rates</b>	<b>\$92,409,652</b>		<b>\$1,010,055</b>	<b>\$2,278,439</b>	<b>\$56,470,444</b>	<b>\$13,556,923</b>	<b>\$18,433,233</b>	<b>\$0</b>	<b>\$0</b>	<b>\$660,558</b>
				1.09%	2.47%	61.11%	14.67%	19.95%	0.00%	0.00%	0.71%

**Table 4-2**  
**City of Vero Beach**  
**Electric System Rate Study**

**Development of Load Factors**

Line No.	Description	Estimated Meters 2010	At Metering Point			Load Factors [1]		Allocation			
			Coincident Demand	NCP Demand	Energy	Coincident Peak	NCP Demand	Bills	Coincident Peak	NCP Demand	Energy
<b>Per Class Allocation</b>											
1	Residential Service	27,921	61,637	86,077	346,102,061	64.1%	45.9%	83.6%	51.0%	53.8%	48.2%
2	Commercial Non-Demand	4,909	16,111	21,254	92,721,531	65.7%	49.8%	14.7%	13.3%	13.3%	12.9%
3	Commercial Demand	577	40,879	49,687	264,634,293	73.9%	60.8%	1.7%	33.8%	31.0%	36.9%
4	Industrial Demand - LP	1	2,309	3,122	14,278,300	70.6%	52.2%	0.0%	1.9%	2.0%	2.0%
5	<i>Total</i>	33,408	120,935	160,140	717,736,185			100.00%	100.00%	100.00%	100.00%

Footnotes:

[1] Amounts based on 2008 Load Research Results provided by the Florida Public Service Commission (FPSC) for Florida Power & Light Company (FPL).

**Table 4-3**  
**City of Vero Beach**  
**Electric System Rate Study**

Allocation of Revenue Requirements to Customer Classes

Line No.	Description	Test Year 2010	Residential	Commercial Non-Demand	Commercial Demand	Outdoor Lighting
Development of Allocation Factors						
1	Sales (kWh)	721,734,064	346,102,061	92,721,531	278,912,593	3,997,879
2	Percentage	100.00%	47.96%	12.85%	38.64%	0.55%
3	Meters (Fixtures)	37,419	27,921	4,909	578	4,011
4	Percentage	100.00%	74.62%	13.12%	1.54%	10.72%
5	Estimated Cost Meters (Fixtures)	N/A	\$2,000	\$3,200	\$12,000	\$200
6	Weight		1.0	1.6	6.0	0.1
7	Weighted Meters (Fixtures)	39,646	27,921	7,855	3,468	402
8	Percentage	100.00%	70.43%	19.81%	8.75%	1.01%
12 CP Demand						
9	Load Factor		64.10%	65.70%	73.90%	100.00%
10	KW	121,288	61,637	16,111	43,084	456
11	Percentage	100.00%	50.82%	13.28%	35.52%	0.38%
NCP Demand						
12	Load Factor		45.90%	49.80%	60.80%	90.00%
13	KW	160,205	86,077	21,254	52,367	507
14	Percentage	100.00%	53.73%	13.27%	32.69%	0.32%
Classified Costs						
15	Customer-Facility Related	\$1,010,055	\$711,381	\$200,092	\$88,380	\$10,202
16	Customer-Service Related	2,210,899	1,847,771	324,876	38,252	0
17	Customer-Service Related - Direct Outdoor Lighting	67,540	0	0	0	67,540
18	Energy Related	56,470,444	27,083,225	7,256,452	21,820,180	310,587
19	12 CP Demand Related	13,556,923	6,889,454	1,800,801	4,815,699	50,969
20	NCP Demand Related	18,433,233	9,904,044	2,445,491	6,025,362	58,336
21	Direct Assign - Residential	0	0	0	0	0
22	Direct Assign - Commercial Non-Demand	0	0	0	0	0
23	Direct Assign - Commercial Demand	0	0	0	0	0
24	Direct Assign - Industrial Demand (Large User)	0	0	0	0	0
25	Direct Assign - Outdoor Lighting	660,558	0	0	0	660,558
26	Adjustment to Outdoor Lighting [*]	0	6,687	38,574	116,034	(161,295)
27	Total Allocated Costs	\$92,409,652	\$46,442,563	\$12,066,286	\$32,903,907	\$996,897
28	Net Revenue Requirements Recoverable from Rates	\$92,409,652	50.25%	13.06%	35.61%	1.08%

[\*] Based on discussions with staff, Outdoor, Street and Signal Lighting was limited to no more than the system-wide rate increase or approximately 5%.

**Table 4-4**  
**City of Vero Beach**  
**Electric System Rate Study**

**Cost Recovery Strategy - (BPCA Roll-up)**

Line No.	Description	Test Year 2010	Residential	Commercial Non-Demand	Commercial Demand	Outdoor Lighting
1	Existing Base Rate Revenues	\$88,009,193	\$43,895,303	\$11,696,782	\$31,468,393	\$948,714
2	Less: Estimated BPCA	N/A	N/A	N/A	N/A	N/A
3	Total Existing Rate Revenues from the City	\$88,009,193	\$43,895,303	\$11,696,782	\$31,468,393	\$948,714
4	Less: Estimated BPC	N/A	N/A	N/A	N/A	N/A
5	Total Existing Rate Revenues from the City	\$88,009,193	\$43,895,303	\$11,696,782	\$31,468,393	\$948,714
6	Total Targeted Rate Revenues	\$92,409,652	\$46,442,563	\$12,066,286	\$32,903,907	\$996,897
7	Less Estimated BPCA	N/A	N/A	N/A	N/A	N/A
8	Less: Estimated BPC	N/A	N/A	N/A	N/A	N/A
9	Proposed Base Rate Revenue	\$92,409,652	\$46,442,563	\$12,066,286	\$32,903,907	\$996,897
Billing Units						
10	Number of Meters/Fixtures	37,419	27,921	4,909	578	4,011
11	Energy Sales (kWh)	721,734,064	346,102,061	92,721,531	278,912,593	3,997,879
12	Demand (kW)	735,407	0	0	735,407	0
13	Average Price at Existing Rate Levels	\$0.1219	\$0.1268	\$0.1261	\$0.1128	\$0.2373
14	Average Price at Revenue Requirement	\$0.1280	\$0.1342	\$0.1301	\$0.1180	\$0.2494
15	Revenue Increase / (Decrease)	5.00%	5.80%	3.16%	4.56%	5.08%

**Table 4-4**  
**City of Vero Beach**  
**Electric System Rate Study**

**Cost Recovery Strategy - (BPCA Roll-up)**

Line No.	Description	Test Year 2010	Residential	Commercial Non-Demand	Commercial Demand	Outdoor Lighting
<b><u>Cost Recovery Strategy</u></b>						
<b>Existing Rates</b>						
16	Customer Charge per Month	N/A	\$7.21	\$8.03	\$37.08	N/A
17	Average Energy Charge per kWh	N/A	\$0.1198	\$0.1210	\$0.0966	N/A
18	Demand Charge per kWh	N/A	N/A	N/A	\$3.63	N/A
<b>Allocation by Rate Component - Cost of Service Results</b>						
19	Customer Charge Revenues	\$3,210,753	\$2,559,153	\$524,968	\$126,632	N/A
20	Customer Charge per Month	N/A	\$7.64	\$8.91	\$18.26	N/A
21	Energy Charge Revenues	\$83,386,304	\$43,883,410	\$11,541,318	\$27,961,576	N/A
22	Average Charge per kWh	N/A	\$0.1268	\$0.1245	\$0.1003	N/A
23	Demand Charge Revenues	\$4,815,699	\$0	\$0	\$4,815,699	N/A
24	Charge per kW	N/A	\$0.00	\$0.00	\$6.55	N/A
	Fixture Revenues	\$996,897	N/A	N/A	N/A	\$996,897
	Average Cost per Fixture	N/A	N/A	N/A	N/A	\$20.71
25	<b>Total</b>	<b>\$92,409,652</b>	<b>\$46,442,563</b>	<b>\$12,066,286</b>	<b>\$32,903,907</b>	<b>\$996,897</b>
<b>Proposed Allocation by Rate Component</b>						
26	Customer Charge Revenues	\$3,457,356	\$2,663,616	\$530,172	\$263,568	N/A
27	Customer Charge per Month	N/A	\$7.95	\$9.00	\$38.00	N/A
28	Energy Charge Revenues	\$83,289,994	\$43,778,947	\$11,536,114	\$27,974,933	N/A
29	Average Charge per kWh	N/A	\$0.1265	\$0.1244	\$0.1003	N/A
30	Demand Charge Revenues	\$4,665,406	\$0	\$0	\$4,665,406	N/A
31	Charge per kW	N/A	\$0.00	\$0.00	\$6.34	N/A
32	Fixture Revenues	\$996,897	N/A	N/A	N/A	\$996,897
33	Average Cost per Fixture	N/A	N/A	N/A	N/A	\$20.71
34	<b>Total</b>	<b>\$92,409,652</b>	<b>\$46,442,563</b>	<b>\$12,066,286</b>	<b>\$32,903,907</b>	<b>\$996,897</b>

**Table 4-5**  
**City of Vero Beach**  
**Electric System Rate Study**

**Rate Design and Projected Revenue Test - (BPCA Roll-up)**

Line No.	Description	Design Year 2010 - Base Case		
		Proposed Rate	Determinants	Rate Revenue
<b><u>RESIDENTIAL</u></b>				
<b>Inside City - Rate Code E11</b>				
1	Customer Charges	\$7.95	9,897	\$944,126
	Energy Charges (Including BPC & BPCA)		<u>Bill Frequency</u>	
2	0 - 1,000 kWh	\$0.1180	67.0%	78,589,572
3	Above 1,000 kWh	\$0.1430	33.0%	38,708,297
4	Total Energy Charges			<u>117,297,869</u>
5	<b>Total Inside City - Rate Code E11</b>			<u>\$15,752,982</u>
<b>Outside City - Rate Code E12</b>				
6	Customer Charges	\$7.95	18,024	\$1,719,490
	Energy Charges (Including BPC & BPCA)		<u>Bill Frequency</u>	
7	0 - 1,000 kWh	\$0.1180	65.0%	148,722,724
8	Above 1,000 kWh	\$0.1430	35.0%	80,081,467
9	Total Energy Charges			<u>228,804,191</u>
10	<b>Total Outside City - Rate Code E12</b>			<u>\$30,720,421</u>
11	<b>TOTAL RESIDENTIAL</b>			<u>\$46,473,403</u>
<b><u>COMMERCIAL - NON-DEMAND</u></b>				
<b>Inside City - Rate Code E14</b>				
12	Customer Charges	\$9.00	2,568	\$277,290
13	Energy Charges (Including BPC & BPCA)	\$0.1244	51,691,365	6,430,406
14	<b>Total Inside City - Rate Code E14</b>			<u>\$6,707,696</u>
<b>Outside City - Rate Code E15</b>				
15	Customer Charges	\$9.00	2,342	\$252,882
16	Energy Charges (Including BPC & BPCA)	\$0.1244	41,030,166	5,104,153
17	<b>Total Outside City - Rate Code E15</b>			<u>\$5,357,035</u>
18	<b>TOTAL COMMERCIAL - NON-DEMAND</b>			<u>\$12,064,731</u>

Table 4-5  
City of Vero Beach  
Electric System Rate Study

**Rate Design and Projected Revenue Test - (BPCA Roll-up)**

Line No.	Description	Design Year 2010 - Base Case		
		Proposed Rate	Determinants	Rate Revenue
<b><u>COMMERCIAL - DEMAND</u></b>				
<b>Inside City - Rate Code E21</b>				
19	Customer Charges	\$38.00	302	\$137,712
20	Energy Charges (Including BPC & BPCA)			
	<u>Bill Frequency</u>			
20	0 - 400 kWh	\$0.1026	97,702,025	10,024,228
21	Above 400 kWh	\$0.0821	11,462,249	941,051
22	Subtotal		109,164,274	\$10,965,278
23	Demand Charges	\$6.34	307,001	\$1,946,385
24	<b>Total Inside City - Rate Code E21</b>			<b>\$13,049,376</b>
<b>Outside City - Rate Code E22</b>				
25	Customer Charges	\$38.00	275	\$125,400
26	Energy Charges (Including BPC & BPCA)			
	<u>Bill Frequency</u>			
26	0 - 400 kWh	\$0.1026	136,191,737	13,973,272
27	Above 400 kWh	\$0.0821	19,278,282	1,582,747
28	Subtotal		155,470,019	\$15,556,019
29	Demand Charges	\$6.34	394,613	\$2,501,846
30	<b>Total Outside City - Rate Code E22</b>			<b>\$18,183,266</b>
31	<b>TOTAL COMMERCIAL - DEMAND</b>			<b>\$31,232,641</b>
<b><u>INDUSTRIAL - DEMAND</u></b>				
<b>Inside City - Rate Code E23</b>				
32	Customer Charges	\$38.00	1	\$456
33	Energy Charges (Including BPC & BPCA)			
	<u>Bill Frequency</u>			
33	0 - 400 kWh	\$0.1026	13,350,210	1,369,732
34	Above 400 kWh	\$0.0821	928,089	76,196
35	Subtotal		14,278,300	\$1,445,928
36	Demand Charges	\$6.34	33,793	\$214,247
37	<b>Total Inside City - Rate Code E23</b>			<b>\$1,660,631</b>
38	<b>TOTAL INDUSTRIAL - DEMAND</b>			<b>\$1,660,631</b>
39	<b>SUBTOTAL RETAIL REVENUE</b>			<b>\$91,431,405</b>
40	<b>TOTAL OUTDOOR AND STREET LIGHTING</b>			<b>\$996,897</b>
41	<b>TOTAL</b>		721,734,064	<b>\$92,428,302</b>



**Table 4-6  
City of Vero Beach  
Electric System Rate Study**

**Determination of Proposed Electric Base Rates**

Line No.	Description	Effective January 1, 2010			Effective October 1, 2010		Effective October 1, 2011		Effective October 1, 2012		Effective October 1, 2013	
		Projected Rates	Less BPC & BPCA	Proposed City Rate	Proposed Rate Increase	Proposed City Rate	Proposed Rate Increase	Proposed City Rate	Proposed Rate Increase	Proposed City Rate	Proposed Rate Increase	Proposed City Rate
<b><u>RESIDENTIAL</u></b>												
<b>Inside City - Rate Code E11</b>												
1	Customer Charge	\$7.95		\$7.95	2.3%	\$8.14	2.3%	\$8.33	1.2%	\$8.43	1.2%	\$8.53
	Energy Charge											
2	0 - 1,000 kWh	0.1180	0.0740	0.0440	2.3%	0.0450	2.3%	0.0461	1.2%	0.0466	1.2%	0.0472
3	Above 1,000 kWh	0.1430	0.0740	0.0690	2.3%	0.0706	2.3%	0.0723	1.2%	0.0732	1.2%	0.0741
<b>Outside City - Rate Code E12</b>												
4	Customer Charge	\$7.95		\$7.95	2.3%	\$8.14	2.3%	\$8.33	1.2%	\$8.43	1.2%	\$8.53
	Energy Charge											
5	0 - 1,000 kWh	0.1180	0.0740	0.0440	2.3%	0.0450	2.3%	0.0461	1.2%	0.0466	1.2%	0.0472
6	Above 1,000 kWh	0.1430	0.0740	0.0690	2.3%	0.0706	2.3%	0.0723	1.2%	0.0732	1.2%	0.0741
<b><u>COMMERCIAL - NON-DEMAND</u></b>												
<b>Inside City - Rate Code E14</b>												
7	Customer Charge	\$9.00		\$9.00	2.3%	\$9.21	2.3%	\$9.43	1.2%	\$9.54	1.2%	\$9.65
8	Energy Charge	0.1244	0.0740	0.0504	2.3%	0.0516	2.3%	0.0528	1.2%	0.0534	1.2%	0.0540
<b>Outside City - Rate Code E15</b>												
9	Customer Charge	\$9.00		\$9.00	2.3%	\$9.21	2.3%	\$9.43	1.2%	\$9.54	1.2%	\$9.65
10	Energy Charge	0.1244	0.0740	0.0504	2.3%	0.0516	2.3%	0.0528	1.2%	0.0534	1.2%	0.0540
<b><u>COMMERCIAL - DEMAND</u></b>												
<b>Inside City - Rate Code E21</b>												
11	Customer Charge	\$38.00		\$38.00	2.3%	\$38.89	2.3%	\$39.80	1.2%	\$40.27	1.2%	\$40.75
12	Demand Charge per kW	6.34		6.34	2.3%	6.49	2.3%	6.64	1.2%	6.72	1.2%	6.80
	Energy Charge per kW											
13	0 - 400 kWh	0.1026	0.0740	0.0286	2.3%	0.0293	2.3%	0.0300	1.2%	0.0304	1.2%	0.0308
14	Above 400 kWh	0.0821	0.0740	0.0081	2.3%	0.0083	2.3%	0.0085	1.2%	0.0086	1.2%	0.0087
<b>Outside City - Rate Code E22</b>												
15	Customer Charge	\$38.00		\$38.00	2.3%	\$38.89	2.3%	\$39.80	1.2%	\$40.27	1.2%	\$40.75
16	Demand Charge per kW	6.34		6.34	2.3%	6.49	2.3%	6.64	1.2%	6.72	1.2%	6.80
	Energy Charge per kW											
17	0 - 400 kWh	0.1026	0.0740	0.0286	2.3%	0.0293	2.3%	0.0300	1.2%	0.0304	1.2%	0.0308
18	Above 400 kWh	0.0821	0.0740	0.0081	2.3%	0.0083	2.3%	0.0085	1.2%	0.0086	1.2%	0.0087
<b><u>INDUSTRIAL - DEMAND</u></b>												
<b>Inside City - Rate Code E23</b>												
19	Customer Charge	\$38.00		\$38.00	2.3%	\$38.89	2.3%	\$39.80	1.2%	\$40.27	1.2%	\$40.75
20	Demand Charge per kW	6.34		6.34	2.3%	6.49	2.3%	6.64	1.2%	6.72	1.2%	6.80
	Energy Charge per kW											
21	0 - 400 kWh	0.1026	0.0740	0.0286	2.3%	0.0293	2.3%	0.0300	1.2%	0.0304	1.2%	0.0308
22	Above 400 kWh	0.0821	0.0740	0.0081	2.3%	0.0083	2.3%	0.0085	1.2%	0.0086	1.2%	0.0087

**Table 4-7  
City of Vero Beach  
Electric System Rate Study**

Summary of Existing and Proposed Electric Base Rates

Line No.	Description	Existing Rates	Proposed January 1, 2010	Proposed October 1, 2010	Proposed October 1, 2011	Proposed October 1, 2012	Proposed October 1, 2013
<b><u>RESIDENTIAL</u></b>							
<b>Inside City - Rate Code E11</b>							
1	Customer Charge	\$7.21	\$7.95	\$8.14	\$8.33	\$8.43	\$8.53
2	Energy Charge						
	0 - 1,000 kWh	0.04585	0.04400	0.04500	0.04610	0.04660	0.04720
3	Above 1,000 kWh	0.04585	0.06900	0.07060	0.07230	0.07320	0.07410
<b>Outside City - Rate Code E12</b>							
4	Customer Charge	\$7.93	\$7.95	\$8.14	\$8.33	\$8.43	\$8.53
5	Energy Charge						
	0 - 1,000 kWh	0.05044	0.04400	0.04500	0.04610	0.04660	0.04720
6	Above 1,000 kWh	0.05044	0.06900	0.07060	0.07230	0.07320	0.07410
<b><u>COMMERCIAL - NON-DEMAND</u></b>							
<b>Inside City - Rate Code E14</b>							
7	Customer Charge	\$8.03	\$9.00	\$9.21	\$9.43	\$9.54	\$9.65
8	Energy Charge	0.04705	0.05040	0.05160	0.05280	0.05340	0.05400
<b>Outside City - Rate Code E15</b>							
9	Customer Charge	\$8.83	\$9.00	\$9.21	\$9.43	\$9.54	\$9.65
10	Energy Charge	0.05176	0.05040	0.05160	0.05280	0.05340	0.05400
<b><u>COMMERCIAL - DEMAND</u></b>							
<b>Inside City - Rate Code E21</b>							
11	Customer Charge	\$37.08	\$38.00	\$38.89	\$39.80	\$40.27	\$40.75
12	Demand Charge per kW	3.81	6.34	6.49	6.64	6.72	6.80
13	Energy Charge per kW						
	0 - 400 kWh	0.03015	0.02860	0.02930	0.03000	0.03040	0.03080
14	Above 400 kWh	0.01005	0.00810	0.00830	0.00850	0.00860	0.00870
<b>Outside City - Rate Code E22</b>							
15	Customer Charge	\$40.79	\$38.00	\$38.89	\$39.80	\$40.27	\$40.75
16	Demand Charge per kW	4.19	6.34	6.49	6.64	6.72	6.80
17	Energy Charge per kW						
	0 - 400 kWh	0.03317	0.02860	0.02930	0.03000	0.03040	0.03080
18	Above 400 kWh	0.01106	0.00810	0.00830	0.00850	0.00860	0.00870
<b><u>INDUSTRIAL - DEMAND</u></b>							
<b>Inside City - Rate Code E23</b>							
19	Customer Charge	\$70.56	\$38.00	\$38.89	\$39.80	\$40.27	\$40.75
20	Demand Charge per kW	3.71	6.34	6.49	6.64	6.72	6.80
21	Energy Charge per kW						
	0 - 400 kWh	0.03015	0.02860	0.02930	0.03000	0.03040	0.03080
22	Above 400 kWh	0.01075	0.00810	0.00830	0.00850	0.00860	0.00870

**Table 4-8  
City of Vero Beach  
Electric System Rate Study**

Summary of Proposed Outdoor Lighting and Rental Rates - Effective January 1, 2010

Line No.	Description	Lamp Type & Size (WATT)	kWh per Month	City Owned Unit			Customer Owned Unit		Rated Lumens
				Facility Charge	Energy Charge	Total	Relamping/Energy	Energy Only	
<b>OUTDOOR LIGHTING</b>									
Luminaire Type									
Non-Post Top Lights									
1	Area	Area HPS 100	45	\$3.66	\$1.03	\$4.69	\$2.13	\$1.03	9,500
2	Flood	Flood HPS 250	100	7.31	2.26	9.57	3.74	2.26	27,500
3	Flood	Flood HPS 400	156	7.59	3.52	11.11	5.04	3.52	50,000
4	Flood	Flood MH 250	96	10.82	2.20	13.02	6.56	2.20	19,500
5	Flood	Flood MH 400	152	8.77	3.43	12.20	5.53	3.43	32,000
6	Roadway	Roadway HPS 70	30	5.66	0.29	5.95	2.92	0.29	5,800
7	Roadway	Roadway HPS 100	45	5.18	1.03	6.21	2.26	1.03	9,500
8	Roadway	Roadway HPS 150	63	5.97	1.42	7.39	2.74	1.42	16,000
9	Roadway	Roadway HPS 250	100	5.96	2.26	8.22	3.57	2.26	27,500
10	Roadway	Roadway HPS 400	156	6.66	3.52	10.18	4.91	3.52	50,000
Post Top Lights									
11	Acorn	Acorn HPS 100	42	\$14.12	\$0.96	\$15.08	\$3.07	\$0.96	9,500
12	Acorn	Acorn HPS 150	63	14.14	1.42	15.56	3.55	1.42	16,000
13	Acorn	Acorn MH 100	40	14.68	0.89	15.57	3.56	0.89	8,500
14	Acorn	Acorn MH 175	69	17.02	1.56	18.58	6.56	1.56	12,000
15	Ancestra	Ancestra HPS 100	42	15.73	0.96	16.69	3.23	0.96	9,500
16	Ancestra	Ancestra HPS 150	63	15.76	1.42	17.18	3.71	1.42	16,000
17	Ancestra	Ancestra MH 100	40	16.29	0.89	17.18	3.72	0.89	8,500
18	Ancestra	Ancestra MH 175	69	18.63	1.56	20.19	6.73	1.56	12,000
19	Candela	Candela HPS 100	42	21.95	0.96	22.91	3.87	0.96	9,500
20	Candela	Candela HPS 150	63	21.98	1.42	23.40	4.35	1.42	16,000
21	Candela	Candela MH 100	40	22.51	0.89	23.40	4.35	0.89	15,000
22	Candela	Candela MH 175	69	24.86	1.56	26.42	7.37	1.56	12,000
23	Domus	Domus MH 175	69	24.86	1.56	26.42	7.37	1.56	12,000
24	Salem	Salem HPS 70	39	6.31	0.89	7.20	2.22	0.89	6,400
25	Salem	Salem HPS 100	42	6.29	0.96	7.25	2.26	0.96	9,500
26	Salem	Salem MH 100	40	6.85	0.89	7.74	2.75	0.89	8,500
27	Salem	Salem MH 175	69	9.18	1.56	10.74	5.76	1.56	12,000
28	Scroll	Scroll HPS 70	39	6.04	0.89	6.93	1.96	0.89	6,400
29	Scroll	Scroll HPS 100	42	6.29	0.98	7.27	2.27	0.98	9,500
30	Scroll	Scroll HPS 150	63	6.31	1.42	7.73	2.74	1.42	16,000
<b>POLES</b>									
Type									
31	Wood 30'		N/A	\$2.70	\$0.00	\$2.70	N/A	N/A	N/A
32	Concrete 35'		N/A	8.03	0.00	8.03	N/A	N/A	N/A
33	Concrete 45'		N/A	8.93	0.00	8.93	N/A	N/A	N/A
34	Fiberglass 19'		N/A	3.07	0.00	3.07	N/A	N/A	N/A
35	Fiberglass 23'		N/A	3.89	0.00	3.89	N/A	N/A	N/A
36	Post Top 18' Blk		N/A	6.82	0.00	6.82	N/A	N/A	N/A
37	Post Top 21' Grn		N/A	12.07	0.00	12.07	N/A	N/A	N/A
38	Post Top 13' Grn		N/A	12.08	0.00	12.08	N/A	N/A	N/A
39	ARM Blk		N/A	6.33	0.00	6.33	N/A	N/A	N/A
40	ARM Grn		N/A	6.67	0.00	6.67	N/A	N/A	N/A
<b>STREET LIGHTS</b>									
41	Energy Rate per kWh		\$0.0368						

**Table 4-8  
City of Vero Beach  
Electric System Rate Study**

Summary of Proposed Outdoor Lighting and Rental Rates - Effective October 1, 2010

Line No.	Description	Lamp Type & Size (WATT)	kWh per Month	City Owned Unit			Customer Owned Unit		Rated Lumens
				Facility Charge	Energy Charge	Total	Relamping/Energy	Energy Only	
<b>OUTDOOR LIGHTING</b>									
Luminaire Type									
Non-Post Top Lights									
1	Area	Area HPS 100	45	\$3.75	\$1.05	\$4.80	\$2.18	\$1.05	9,500
2	Flood	Flood HPS 250	100	7.48	2.31	9.79	3.83	2.31	27,500
3	Flood	Flood HPS 400	156	7.77	3.60	11.37	5.16	3.60	50,000
4	Flood	Flood MH 250	96	11.07	2.25	13.32	6.71	2.25	19,500
5	Flood	Flood MH 400	152	8.98	3.51	12.49	5.66	3.51	32,000
6	Roadway	Roadway HPS 70	30	5.79	0.30	6.09	2.99	0.30	5,800
7	Roadway	Roadway HPS 100	45	5.30	1.05	6.35	2.31	1.05	9,500
8	Roadway	Roadway HPS 150	63	6.11	1.45	7.56	2.80	1.45	16,000
9	Roadway	Roadway HPS 250	100	6.10	2.31	8.41	3.65	2.31	27,500
10	Roadway	Roadway HPS 400	156	6.82	3.60	10.42	5.03	3.60	50,000
Post Top Lights									
11	Acorn	Acorn HPS 100	42	\$14.45	\$0.98	\$15.43	\$3.14	\$0.98	9,500
12	Acorn	Acorn HPS 150	63	14.47	1.45	15.92	3.63	1.45	16,000
13	Acorn	Acorn MH 100	40	15.02	0.91	15.93	3.64	0.91	8,500
14	Acorn	Acorn MH 175	69	17.42	1.60	19.02	6.71	1.60	12,000
15	Ancestra	Ancestra HPS 100	42	16.10	0.98	17.08	3.31	0.98	9,500
16	Ancestra	Ancestra HPS 150	63	16.13	1.45	17.58	3.80	1.45	16,000
17	Ancestra	Ancestra MH 100	40	16.67	0.91	17.58	3.81	0.91	8,500
18	Ancestra	Ancestra MH 175	69	19.07	1.60	20.67	6.89	1.60	12,000
19	Candela	Candela HPS 100	42	22.47	0.98	23.45	3.96	0.98	9,500
20	Candela	Candela HPS 150	63	22.50	1.45	23.95	4.45	1.45	16,000
21	Candela	Candela MH 100	40	23.04	0.91	23.95	4.45	0.91	15,000
22	Candela	Candela MH 175	69	25.44	1.60	27.04	7.54	1.60	12,000
23	Domus	Domus MH 175	69	25.44	1.60	27.04	7.54	1.60	12,000
24	Salem	Salem HPS 70	39	6.46	0.91	7.37	2.27	0.91	6,400
25	Salem	Salem HPS 100	42	6.44	0.98	7.42	2.31	0.98	9,500
26	Salem	Salem MH 100	40	7.01	0.91	7.92	2.81	0.91	8,500
27	Salem	Salem MH 175	69	9.40	1.60	11.00	5.90	1.60	12,000
28	Scroll	Scroll HPS 70	39	6.18	0.91	7.09	2.01	0.91	6,400
29	Scroll	Scroll HPS 100	42	6.44	1.00	7.44	2.32	1.00	9,500
30	Scroll	Scroll HPS 150	63	6.46	1.45	7.91	2.80	1.45	16,000
<b>POLES</b>									
Type									
31	Wood 30'		N/A	\$2.76	\$0.00	\$2.76	N/A	N/A	N/A
32	Concrete 35'		N/A	8.22	0.00	8.22	N/A	N/A	N/A
33	Concrete 45'		N/A	9.14	0.00	9.14	N/A	N/A	N/A
34	Fiberglass 19'		N/A	3.14	0.00	3.14	N/A	N/A	N/A
35	Fiberglass 23'		N/A	3.98	0.00	3.98	N/A	N/A	N/A
36	Post Top 18' Blk		N/A	6.98	0.00	6.98	N/A	N/A	N/A
37	Post Top 21' Grn		N/A	12.35	0.00	12.35	N/A	N/A	N/A
38	Post Top 13' Grn		N/A	12.36	0.00	12.36	N/A	N/A	N/A
39	ARM Blk		N/A	6.48	0.00	6.48	N/A	N/A	N/A
40	ARM Grn		N/A	6.83	0.00	6.83	N/A	N/A	N/A
<b>STREET LIGHTS</b>									
41	Energy Rate per kWh			\$0.0377					

Summary of Proposed Outdoor Lighting and Rental Rates - Effective October 1, 2011

Line No.	Description	Lamp Type & Size (WATT)	kWh per Month	City Owned Unit			Customer Owned Unit		Rated Lumens
				Facility Charge	Energy Charge	Total	Relamping/Energy	Energy Only	
<b>OUTDOOR LIGHTING</b>									
Luminaire Type									
Non-Post Top Lights									
1	Area	Area HPS 100	45	\$3.84	\$1.07	\$4.91	\$2.23	\$1.07	9,500
2	Flood	Flood HPS 250	100	7.66	2.36	10.02	3.92	2.36	27,500
3	Flood	Flood HPS 400	156	7.95	3.68	11.63	5.28	3.68	50,000
4	Flood	Flood MH 250	96	11.33	2.30	13.63	6.87	2.30	19,500
5	Flood	Flood MH 400	152	9.19	3.59	12.78	5.79	3.59	32,000
6	Roadway	Roadway HPS 70	30	5.93	0.31	6.24	3.06	0.31	5,800
7	Roadway	Roadway HPS 100	45	5.42	1.07	6.49	2.36	1.07	9,500
8	Roadway	Roadway HPS 150	63	6.25	1.48	7.73	2.87	1.48	16,000
9	Roadway	Roadway HPS 250	100	6.24	2.36	8.60	3.74	2.36	27,500
10	Roadway	Roadway HPS 400	156	6.98	3.68	10.66	5.15	3.68	50,000
Post Top Lights									
11	Acorn	Acorn HPS 100	42	\$14.79	\$1.00	\$15.79	\$3.21	\$1.00	9,500
12	Acorn	Acorn HPS 150	63	14.81	1.48	16.29	3.72	1.48	16,000
13	Acorn	Acorn MH 100	40	15.37	0.93	16.30	3.73	0.93	8,500
14	Acorn	Acorn MH 175	69	17.83	1.64	19.47	6.87	1.64	12,000
15	Ancestra	Ancestra HPS 100	42	16.48	1.00	17.48	3.39	1.00	9,500
16	Ancestra	Ancestra HPS 150	63	16.51	1.48	17.99	3.89	1.48	16,000
17	Ancestra	Ancestra MH 100	40	17.06	0.93	17.99	3.90	0.93	8,500
18	Ancestra	Ancestra MH 175	69	19.52	1.64	21.16	7.05	1.64	12,000
19	Candela	Candela HPS 100	42	23.00	1.00	24.00	4.05	1.00	9,500
20	Candela	Candela HPS 150	63	23.03	1.48	24.51	4.55	1.48	16,000
21	Candela	Candela MH 100	40	23.58	0.93	24.51	4.55	0.93	15,000
22	Candela	Candela MH 175	69	26.04	1.64	27.68	7.72	1.64	12,000
23	Domus	Domus MH 175	69	26.04	1.64	27.68	7.72	1.64	12,000
24	Salem	Salem HPS 70	39	6.61	0.93	7.54	2.32	0.93	6,400
25	Salem	Salem HPS 100	42	6.59	1.00	7.59	2.36	1.00	9,500
26	Salem	Salem MH 100	40	7.17	0.93	8.10	2.88	0.93	8,500
27	Salem	Salem MH 175	69	9.62	1.64	11.26	6.04	1.64	12,000
28	Scroll	Scroll HPS 70	39	6.32	0.93	7.25	2.06	0.93	6,400
29	Scroll	Scroll HPS 100	42	6.59	1.02	7.61	2.37	1.02	9,500
30	Scroll	Scroll HPS 150	63	6.61	1.48	8.09	2.87	1.48	16,000
<b>POLES</b>									
Type									
31	Wood 30'		N/A	\$2.82	\$0.00	\$2.82	N/A	N/A	N/A
32	Concrete 35'		N/A	8.41	0.00	8.41	N/A	N/A	N/A
33	Concrete 45'		N/A	9.35	0.00	9.35	N/A	N/A	N/A
34	Fiberglass 19'		N/A	3.21	0.00	3.21	N/A	N/A	N/A
35	Fiberglass 23'		N/A	4.07	0.00	4.07	N/A	N/A	N/A
36	Post Top 18' Blk		N/A	7.14	0.00	7.14	N/A	N/A	N/A
37	Post Top 21' Grn		N/A	12.64	0.00	12.64	N/A	N/A	N/A
38	Post Top 13' Grn		N/A	12.65	0.00	12.65	N/A	N/A	N/A
39	ARM Blk		N/A	6.63	0.00	6.63	N/A	N/A	N/A
40	ARM Grn		N/A	6.99	0.00	6.99	N/A	N/A	N/A
<b>STREET LIGHTS</b>									
41	Energy Rate per kWh		\$0.0386						

Summary of Proposed Outdoor Lighting and Rental Rates - Effective October 1, 2012

Line No.	Description	Lamp Type & Size (WATT)	kWh per Month	City Owned Unit			Customer Owned Unit		Rated Lumens
				Facility Charge	Energy Charge	Total	Relamping/Energy	Energy Only	
<b>OUTDOOR LIGHTING</b>									
Luminaire Type									
Non-Post Top Lights									
1	Area	Area HPS 100	45	\$3.89	\$1.08	\$4.97	\$2.26	\$1.08	9,500
2	Flood	Flood HPS 250	100	7.75	2.39	10.14	3.97	2.39	27,500
3	Flood	Flood HPS 400	156	8.04	3.72	11.76	5.34	3.72	50,000
4	Flood	Flood MH 250	96	11.46	2.33	13.79	6.95	2.33	19,500
5	Flood	Flood MH 400	152	9.30	3.63	12.93	5.86	3.63	32,000
6	Roadway	Roadway HPS 70	30	6.00	0.31	6.31	3.10	0.31	5,800
7	Roadway	Roadway HPS 100	45	5.48	1.08	6.56	2.39	1.08	9,500
8	Roadway	Roadway HPS 150	63	6.32	1.50	7.82	2.90	1.50	16,000
9	Roadway	Roadway HPS 250	100	6.31	2.39	8.70	3.78	2.39	27,500
10	Roadway	Roadway HPS 400	156	7.06	3.72	10.78	5.21	3.72	50,000
Post Top Lights									
11	Acorn	Acorn HPS 100	42	\$14.96	\$1.01	\$15.97	\$3.25	\$1.01	9,500
12	Acorn	Acorn HPS 150	63	14.99	1.50	16.49	3.76	1.50	16,000
13	Acorn	Acorn MH 100	40	15.55	0.94	16.49	3.77	0.94	8,500
14	Acorn	Acorn MH 175	69	18.04	1.66	19.70	6.95	1.66	12,000
15	Ancestra	Ancestra HPS 100	42	16.67	1.01	17.68	3.43	1.01	9,500
16	Ancestra	Ancestra HPS 150	63	16.71	1.50	18.21	3.94	1.50	16,000
17	Ancestra	Ancestra MH 100	40	17.26	0.94	18.20	3.95	0.94	8,500
18	Ancestra	Ancestra MH 175	69	19.75	1.66	21.41	7.13	1.66	12,000
19	Candela	Candela HPS 100	42	23.27	1.01	24.28	4.10	1.01	9,500
20	Candela	Candela HPS 150	63	23.30	1.50	24.80	4.60	1.50	16,000
21	Candela	Candela MH 100	40	23.86	0.94	24.80	4.60	0.94	15,000
22	Candela	Candela MH 175	69	26.35	1.66	28.01	7.81	1.66	12,000
23	Domus	Domus MH 175	69	26.35	1.66	28.01	7.81	1.66	12,000
24	Salem	Salem HPS 70	39	6.69	0.94	7.63	2.35	0.94	6,400
25	Salem	Salem HPS 100	42	6.67	1.01	7.68	2.39	1.01	9,500
26	Salem	Salem MH 100	40	7.25	0.94	8.19	2.91	0.94	8,500
27	Salem	Salem MH 175	69	9.73	1.66	11.39	6.11	1.66	12,000
28	Scroll	Scroll HPS 70	39	6.39	0.94	7.33	2.08	0.94	6,400
29	Scroll	Scroll HPS 100	42	6.67	1.03	7.70	2.40	1.03	9,500
30	Scroll	Scroll HPS 150	63	6.69	1.50	8.19	2.90	1.50	16,000
<b>POLES</b>									
Type									
31	Wood 30'		N/A	\$2.85	\$0.00	\$2.85	N/A	N/A	N/A
32	Concrete 35'		N/A	8.51	0.00	8.51	N/A	N/A	N/A
33	Concrete 45'		N/A	9.46	0.00	9.46	N/A	N/A	N/A
34	Fiberglass 19'		N/A	3.25	0.00	3.25	N/A	N/A	N/A
35	Fiberglass 23'		N/A	4.12	0.00	4.12	N/A	N/A	N/A
36	Post Top 18' Blk		N/A	7.22	0.00	7.22	N/A	N/A	N/A
37	Post Top 21' Grn		N/A	12.79	0.00	12.79	N/A	N/A	N/A
38	Post Top 13' Grn		N/A	12.80	0.00	12.80	N/A	N/A	N/A
39	ARM Blk		N/A	6.71	0.00	6.71	N/A	N/A	N/A
40	ARM Grn		N/A	7.07	0.00	7.07	N/A	N/A	N/A
<b>STREET LIGHTS</b>									
41	Energy Rate per kWh			\$0.0391					

**Table 4-8  
City of Vero Beach  
Electric System Rate Study**

Summary of Proposed Outdoor Lighting and Rental Rates - Effective October 1, 2013

Line No.	Description	Lamp Type & Size (WATT)	kWh per Month	City Owned Unit			Customer Owned Unit		Rated Lumens
				Facility Charge	Energy Charge	Total	Relamping/Energy	Energy Only	
<b>OUTDOOR LIGHTING</b>									
Luminaire Type									
Non-Post Top Lights									
1	Area	Area HPS 100	45	\$3.94	\$1.09	\$5.03	\$2.29	\$1.09	9,500
2	Flood	Flood HPS 250	100	7.84	2.42	10.26	4.02	2.42	27,500
3	Flood	Flood HPS 400	156	8.14	3.76	11.90	5.40	3.76	50,000
4	Flood	Flood MH 250	96	11.60	2.36	13.96	7.03	2.36	19,500
5	Flood	Flood MH 400	152	9.41	3.67	13.08	5.93	3.67	32,000
6	Roadway	Roadway HPS 70	30	6.07	0.31	6.38	3.14	0.31	5,800
7	Roadway	Roadway HPS 100	45	5.55	1.09	6.64	2.42	1.09	9,500
8	Roadway	Roadway HPS 150	63	6.40	1.52	7.92	2.93	1.52	16,000
9	Roadway	Roadway HPS 250	100	6.39	2.42	8.81	3.82	2.42	27,500
10	Roadway	Roadway HPS 400	156	7.14	3.76	10.90	5.27	3.76	50,000
Post Top Lights									
11	Acorn	Acorn HPS 100	42	\$15.14	\$1.02	\$16.16	\$3.29	\$1.02	9,500
12	Acorn	Acorn HPS 150	63	15.17	1.52	16.69	3.80	1.52	16,000
13	Acorn	Acorn MH 100	40	15.73	0.95	16.68	3.81	0.95	8,500
14	Acorn	Acorn MH 175	69	18.25	1.68	19.93	7.03	1.68	12,000
15	Ancestra	Ancestra HPS 100	42	16.87	1.02	17.89	3.47	1.02	9,500
16	Ancestra	Ancestra HPS 150	63	16.91	1.52	18.43	3.99	1.52	16,000
17	Ancestra	Ancestra MH 100	40	17.47	0.95	18.42	4.00	0.95	8,500
18	Ancestra	Ancestra MH 175	69	19.98	1.68	21.66	7.21	1.68	12,000
19	Candela	Candela HPS 100	42	23.55	1.02	24.57	4.15	1.02	9,500
20	Candela	Candela HPS 150	63	23.58	1.52	25.10	4.65	1.52	16,000
21	Candela	Candela MH 100	40	24.14	0.95	25.09	4.65	0.95	15,000
22	Candela	Candela MH 175	69	26.66	1.68	28.34	7.90	1.68	12,000
23	Domus	Domus MH 175	69	26.66	1.68	28.34	7.90	1.68	12,000
24	Salem	Salem HPS 70	39	6.77	0.95	7.72	2.38	0.95	6,400
25	Salem	Salem HPS 100	42	6.75	1.02	7.77	2.42	1.02	9,500
26	Salem	Salem MH 100	40	7.34	0.95	8.29	2.94	0.95	8,500
27	Salem	Salem MH 175	69	9.85	1.68	11.53	6.18	1.68	12,000
28	Scroll	Scroll HPS 70	39	6.47	0.95	7.42	2.10	0.95	6,400
29	Scroll	Scroll HPS 100	42	6.75	1.04	7.79	2.43	1.04	9,500
30	Scroll	Scroll HPS 150	63	6.77	1.52	8.29	2.93	1.52	16,000
<b>POLES</b>									
Type									
31	Wood 30'		N/A	\$2.88	\$0.00	\$2.88	N/A	N/A	N/A
32	Concrete 35'		N/A	8.61	0.00	8.61	N/A	N/A	N/A
33	Concrete 45'		N/A	9.57	0.00	9.57	N/A	N/A	N/A
34	Fiberglass 19'		N/A	3.29	0.00	3.29	N/A	N/A	N/A
35	Fiberglass 23'		N/A	4.17	0.00	4.17	N/A	N/A	N/A
36	Post Top 18' Blk		N/A	7.31	0.00	7.31	N/A	N/A	N/A
37	Post Top 21' Grn		N/A	12.94	0.00	12.94	N/A	N/A	N/A
38	Post Top 13' Grn		N/A	12.95	0.00	12.95	N/A	N/A	N/A
39	ARM Blk		N/A	6.79	0.00	6.79	N/A	N/A	N/A
40	ARM Grn		N/A	7.15	0.00	7.15	N/A	N/A	N/A
<b>STREET LIGHTS</b>									
41	Energy Rate per kWh		\$0.0396						

**ATTACHMENT C**  
**PROPOSED TARIFFS**



FOURTH REVISED SHEET NO. 2.0  
CANCELING THIRD REVISED SHEET NO. 2.0

**VERO BEACH MUNICIPAL ELECTRIC SYSTEM**

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Issued By: James Gabbard  
City Manager

Effective: January 1, 2010

MISCELLANEOUS

STATE SALES TAX - State Sales Tax shall be applied to the total electric bill on all commercial and industrial accounts unless current state sales tax exemption certificate is on file with the Customer Service Department.

CITY UTILITY TAX - A City Utility Tax of ten percent (10%) shall be added to all rate schedules for service inside the city limits. The amount will not exceed the limitation established by Subsection 166.231, Florida Statutes.

OUTSIDE CITY SURCHARGE - A surcharge for service provided outside the corporate limits of the City is repealed with electric bills rendered on or after January 1, 2010.

HURRICANE RECOVERY FUND - A two percent (2%) Hurricane Recovery charge will be applied to residential, commercial, & industrial rates for a period of no more than 2 years.

TERMS OF PAYMENT - All bills are due when rendered and become delinquent twenty-one (21) days from billing date. After twenty-one (21) days, a delinquent notice is mailed allowing an additional ten (10) days. If not paid by date stated on delinquent notice, service may be discontinued without further notice.

At the option of the City, Electronic Payment of the customer's utility bill will be permitted.

COUNTY FEE-IN-LIEU-OF-FRANCHISE FEE - A six percent (6%) County fee-in-lieu-of-franchise fee shall be added to all rate schedules for electric, water, and/or sewer service provided to customers who reside in the unincorporated areas of Indian River County and receive service from the City and shall be applied to the total bill for such service pursuant to ordinance provisions of Indian River County.

STATE GROSS RECEIPTS TAX - A State Gross Receipts Tax in accordance with Section 203.01 of the Florida Statutes will be charged on electric sales at a factor of 2.5641 percent.

DISCLAIMER OF LIABILITY - The City will use reasonable diligence at all times to provide continuous service at agreed normal voltage, and shall not be liable to the customer for complete or partial failure or interruption of service, or for fluctuations in voltage, resulting from causes beyond its control, or through the ordinary negligence of its employees, servants, or agents, nor shall the utility be liable for the direct or indirect consequences of interruptions or curtailments made in accordance with the provisions of its rate schedules for interruptible, curtailable, and load management service. The City shall not be liable for any act or omission caused directly or indirectly by strikes, labor troubles, accidents, litigation, shutdowns or repairs or adjustments, interference by federal, state, or county government, acts of God, or other causes beyond its control.

Issued by: James Gabbard  
City Manager

Approved: January 1, 2010

## Miscellaneous Charges – Details

March 20, 2001

Sheet 4.1 Residential De

Delete

The existing approach to utility service deposits is based on the number of services without regard to the nature of the service. An example that is often costly to the customer is an electric only deposit is \$100.00 and if a garbage service is added the deposit increases to \$150.00.

The proposed method would charge deposits based on the number of metered services. The City currently offers four metered services: electric, water, irrigation, and reuse water. The maximum number of metered services that a customer could have on a single account would be three and the maximum deposit would be \$200.00

### Sheet 4.1 Return of Residential Deposits:

The length of time that the deposit is held for customers with a good payment record would be reduced from 36 months to 18 months.

### Sheet 5.0 Service Change Outs - Relocations

A service change normally involves at least two trips to the customer location. The first to turn the service off so that work can be done "cold". The second trip to turn the service back on for the customer. In the case of a residential account these trips normally occur during normal business hours. A commercial customer may need the work on the weekend or at night so that the work does not interfere with the customer's business operations. For large commercial customers, the work can be time consuming and requires coordination between several City departments. The change in the fee for service change is an effort to recover a part of the actual cost for these services.

### Sheet 5.0 After Hours Service

The existing charge for the after hour service does not begin to cover the cost of sending a crew to a location after dark. The proposed fees are designed to cover a portion of the actual cost for the services.

MISCELLANEOUS

DEPOSITS

1) RESIDENTIAL -

a) Electric Service

\$200.00

2) OTHER THAN (1) ABOVE - Three (3) times the average monthly bill.  
Minimum of \$200.00

Deposits in excess of \$500.00 may be made by Surety  
Bond.

INTEREST ON DEPOSITS - interest from cash deposits will be applied annually as a credit on the July bill. The interest rate will be based on the actual average interest rate reported by the Florida State Board of Administration for the previous twelve (12) months.

REFUND OF DEPOSITS

1) RESIDENTIAL - Deposits may be refunded (applied to the customer's account as a credit) after a period of eighteen (18) months, provided service has not been discontinued for non-payment and the customer has maintained a prompt payment record for the last twelve (12) months.

2) OTHER THAN (1) ABOVE - Deposits may be held by the City until final settlement of the customer's account, at which time such deposit shall be applied against any electric bill due the City for such service and any unused balance shall be refunded when such account is settled and closed.

TRANSFER OF DEPOSITS - Deposits may be transferred from one location to another providing the service remains in the same name.

Issued by: James Gabbard  
City Manager

Effective : January 1, 2010

MISCELLANEOUS

SERVICE CHARGES -

- a) Temporary Service Installation \$100.00
  - b) New Customer Charge \$25.00  
 for first metered service, \$5.00 for each additional metered service (\$15.00 minimum)
  - c) Initial Permanent Service Charge  
 In addition to the New Customer Charge, a customer requesting initial permanent service ( at a new location) shall pay the following charge:
- | Initial Service Type                  | Initial Permanent Service Charge |
|---------------------------------------|----------------------------------|
| Residential and Commercial Nondemand: |                                  |
| Single Phase Service                  | \$125.00                         |
| Three Phase Service                   | \$350.00                         |
| Commercial Demand and Industrial:     |                                  |
| Secondary Service                     | \$810.00                         |
| Primary Service                       | \$2,570.00                       |
- d) Service Transfers \$15.00  
 for first metered service, \$5.00 for each additional metered service (\$15.00 minimum)
  - e) Service Change Outs - Service Relocations
    - Residential \$55.00
    - Commercial \$160.00
    - Three Phase Demand \$270.00
  - f) After Hour Service \$50.00  
 for first metered service, \$25.00 for each additional metered service (\$50.00 minimum)
  - g) Disconnect (non-payment) \$25.00  
per metered service
  - h) Reconnect (non-payment) - Next Day \$25.00  
per metered service
  - i) Reconnect (non-payment) - Same Day \$50.00  
per metered service
  - j) Late Payment Penalty \$5.00
  - k) Administrative Charge (non-payment) \$10.00
  - l) Returned Check Charge \$15.00  
(or 5% over \$300.00)
  - m) Meter Test Charge \$50.00  
 (only if tested within previous 12 months and found to be accurate +/- 2%)

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Issued by: James Gabbard  
 City Manager

Effective: January 1, 2010

RESIDENTIAL SERVICE

RATE SCHEDULE - RS

AVAILABILITY - Available throughout the service area.

APPLICABILITY - Applicable for service to a single family dwelling unit occupied by one family or household. This rate is not applicable to business houses or licensed boarding or rooming houses if served by a single meter. Service provided hereunder shall not be shared with or resold to others.

LIMITATIONS - Subject to all of the rules and regulations of this tariff and general rules and regulations of the utility. Standby or resale service not permitted.

<u>MONTHLY ELECTRIC RATE -</u>	<u>Effective Dates</u>				
	<u>January 1, 2010</u>	<u>October 1, 2010</u>	<u>October 1, 2011</u>	<u>October 1, 2012</u>	<u>October 1, 2013</u>
Customer Charge per month:	\$7.95	\$8.14	\$8.33	\$8.43	\$8.53
Energy Charge per kWh metered:					
0 - 1,000 kWh	\$0.0440	\$0.0450	\$0.0461	\$0.0466	\$0.0472
Above 1,000 kWh	\$0.0690	\$0.0706	\$0.0723	\$0.0732	\$0.0741

BILLING ADJUSTMENT - See " Power Cost Adjustment Clause " Sheet No. 18.0

TERMS OF PAYMENT - See " Miscellaneous " Sheet No. 4.0

CITY UTILITY TAX - See " Miscellaneous " Sheet No. 4.0

OUTSIDE CITY SURCHARGE - See " Miscellaneous " Sheet No. 4.0

HURRICANE RECOVERY FUND - See " Miscellaneous " Sheet No. 4.0

COUNTY FEE-IN-LIEU-OF-FRANCHISE FEE - See " Miscellaneous " Sheet No. 4.0

STATE GROSS RECEIPTS TAX - See " Miscellaneous " Sheet No. 4.0

DISCLAIMER OF LIABILITY - See " Miscellaneous " Sheet No. 4.0

MEDICALLY ESSENTIAL SERVICE CUSTOMER - See " Miscellaneous " Sheet No. 4.2

Issued by: James Gabbard  
 City Manager

Effective: January 1, 2010

COMMERCIAL SERVICE - NON DEMAND

RATE SCHEDULE - GS

AVAILABILITY - Available throughout the service area.

APPLICABILITY - For lighting and power in establishments not classified as residential with a maximum annual demand of less than thirty (30) kW.

CHARACTER OF SERVICE - Single or 3 phase, 60 cycles and approximately 120 volts or higher, at utility's option.

LIMITATIONS - Subject to all of the rules and regulations of this tariff and general rules and regulations of the utility. Standby or resale service not permitted.

<u>MONTHLY ELECTRIC RATE -</u>	<u>Effective Dates</u>				
	<u>January 1, 2010</u>	<u>October 1, 2010</u>	<u>October 1, 2011</u>	<u>October 1, 2012</u>	<u>October 1, 2013</u>
Customer Charge per month:	\$9.00	\$9.21	\$9.43	\$9.54	\$9.65
Energy Charge per kWh metered:	\$0.0504	\$0.0516	\$0.0528	\$0.0534	\$0.0540

TERMS OF PAYMENT - See " Miscellaneous " Sheet No. 4.0

BILLING ADJUSTMENT - See " Power Cost Adjustment Clause " Sheet No. 18.0

STATE SALES TAX - See " Miscellaneous " Sheet No. 4.0

CITY UTILITY TAX - See " Miscellaneous " Sheet No. 4.0

OUTSIDE CITY SURCHARGE - See " Miscellaneous " Sheet No. 4.0

HURRICANE RECOVERY FUND - See " Miscellaneous " Sheet No. 4.0

COUNTY FEE-IN-LIEU-OF-FRANCHISE FEE - See " Miscellaneous " Sheet No. 4.0

STATE GROSS RECEIPTS TAX - See " Miscellaneous " Sheet No. 4.0

DISCLAIMER OF LIABILITY - See " Miscellaneous " Sheet No. 4.0

Issued by: James Gabbard  
 City Manager

Effective: January 1, 2010



COMMERCIAL SERVICE - DEMAND

RATE SCHEDULE - GSD

AVAILABILITY - Available throughout the service area.

APPLICABILITY - For lighting and power in establishments not classified as residential with a maximum annual demand of thirty (30) kW or more.

CHARACTER OF SERVICE - Single or 3 phase, 60 cycles and approximately 120 volts or higher, at utility's option.

LIMITATIONS - Subject to all of the rules and regulations of this tariff and general rules and regulations of the utility. Standby or resale service not permitted.

Electric Rate -	Effective Dates				
	January 1, 2010	October 1, 2010	October 1, 2011	October 1, 2012	October 1, 2013
Customer Charge per month:	\$38.00	\$38.89	\$39.80	\$40.27	\$40.75
Demand Charge per kW of the maximum metered recorded demand during the month:	\$6.34	\$6.49	\$6.64	\$6.72	\$6.80
Energy Charge per kWh:					
For the first 400 kWh per kW	\$0.0286	\$0.0293	\$0.0300	\$0.0304	\$0.0308
Above 400 kW	\$0.0081	\$0.0083	\$0.0085	\$0.0086	\$0.0087

DEMAND - The demand is the kW nearest the whole kW as determined from the City's demand meter for the thirty (30) minute period of customer's greatest use during the month but in no event shall the billing demand be less than 30 kW per month.

POWER FACTOR - The City may, at its option, install metering equipment to allow the determination of reactive components of power utilized by the customer. The customer's utilization of equipment shall not result in a power factor at the point of delivery of less than 90% lagging at the time of maximum demand. Should the power factor be less 90% lagging during any month, the City may adjust the readings taken to determine the demand by multiplying the kW obtained through such readings by 90% and by dividing the result by the power factor actually established at the time of the maximum demand during the current month. Such adjusted readings shall be used in determining the billing demand. The City reserves the right, at its option, to utilize kVA meters, RkVA meters, and/or other appropriate meters in those metering installations where the customer's power factor is believed to be unsatisfactory on a continuous basis according to the City standards. If such meters are installed, the billing demand in kW may be computed from such instruments.

(Continued on Sheet 10.1)

Issued by: James Gabbard  
 City Manager

Effective: January 1, 2010

RESERVED FOR FUTURE USE

Issued by: James Gabbard  
City Manager

Effective: January 1, 2010

**OUTDOOR LIGHTING SERVICE  
 MONTHLY RATE SCHEDULE OL**  
 (Continued from Sheet No.13.0)

LUMINAIRE TYPE	LAMP TYPE AND SIZE (WATT)	RATED LUMENS	KWH PER MONTH EST.	CITY-OWNED UNIT (\$)			CUSTOMER-OWNED UNIT (\$)	
				FACILITIES	ENERGY	TOTAL	RELAMPING /ENERGY	ENERGY ONLY
AREA	HPS 100	9,500	45	3.66	1.03	4.69	2.13	1.03
FLOOD	HPS 250	27,500	100	7.31	2.26	9.57	3.74	2.26
FLOOD	HPS 400	50,000	156	7.59	3.52	11.11	5.04	3.52
FLOOD	MH 250	19,500	96	10.82	2.20	13.02	6.56	2.20
FLOOD	MH 400	32,000	152	8.77	3.43	12.20	5.53	3.43
ROADWAY*	HPS 70	5,800	30	5.66	0.29	5.95	2.92	0.29
ROADWAY	HPS 100	9,500	45	5.18	1.03	6.21	2.26	1.03
ROADWAY	HPS 150	16,000	63	5.97	1.42	7.39	2.74	1.42
ROADWAY	HPS 250	27,500	100	5.96	2.26	8.22	3.57	2.26
ROADWAY	HPS 400	50,000	156	6.66	3.52	10.18	4.91	3.52
<b>POST TOP LIGHTS</b>								
ACORN	HPS 100	9,500	42	14.12	0.96	15.08	3.07	0.96
ACORN	HPS 150	16,000	63	14.14	1.42	15.56	3.55	1.42
ACORN	MH 100	8,500	40	14.68	0.89	15.57	3.56	0.89
ACORN	MH 175	12,000	69	17.02	1.56	18.58	6.56	1.56
ANCESTRA	HPS 100	9,500	42	15.73	0.96	16.69	3.23	0.96
ANCESTRA	HPS 150	16,000	63	15.76	1.42	17.18	3.71	1.42
ANCESTRA	MH 100	8,500	40	16.29	0.89	17.18	3.72	0.89
ANCESTRA	MH 175	12,000	69	18.63	1.56	20.19	6.73	1.56
CANDELA	HPS 100	9,500	42	21.95	0.96	22.91	3.87	0.96
CANDELA	HPS 150	16,000	63	21.98	1.42	23.40	4.35	1.42
CANDELA	MH 100	15,000	40	22.51	0.89	23.40	4.35	0.89
CANDELA	MH 175	12,000	69	24.86	1.56	26.42	7.37	1.56
DOMUS	MH 175	12,000	69	24.86	1.56	26.42	7.37	1.56
SALEM	HPS 70	6,400	39	6.31	0.89	7.20	2.22	0.89
SALEM	HPS 100	9,500	42	6.29	0.96	7.25	2.26	0.96
SALEM	MH 100	8,500	40	6.85	0.89	7.74	2.75	0.89
SALEM	MH 175	12,000	69	9.18	1.56	10.74	5.76	1.56
SCROLL *	HPS 70	6,400	39	6.04	0.89	6.93	1.96	0.89
SCROLL *	HPS100	9,500	42	6.29	0.98	7.27	2.27	0.98
SCROLL *	HPS150	16,000	63	6.31	1.42	7.73	2.74	1.42

MH = Metal Halided      HPS = High Pressure Sodium

(\*) Closed service schedule; available only to existing customers at existing locations as of January 1, 2010

**POLES AND MULTI-FIXTURE BRACKETS**

30' Treated Wood Pole used only for the street/outdoor lighting system	2.70
35' Concrete Pole used only for the street/outdoor lighting system	8.03
45' Concrete Pole used only for the street/outdoor lighting system	8.93
*19' Fiberglass pole used only for the street/outdoor lighting system	3.07
*23' Fiberglass pole used only for the street/outdoor lighting system	3.89
18' Post Top Pole - black used only for the street/outdoor lighting system	6.82
21' Post Top Pole - green used only for the street/outdoor lighting system	12.07
13' Post Top Pole - green-OOG used only for the street/outdoor light system	12.08
Arm - black - two fixtures	6.33
Arm - green - two fixtures	6.67

Issued By: James Gabbard  
 City Manager

Effective:      January 1, 2010

**OUTDOOR LIGHTING SERVICE  
MONTHLY RATE SCHEDULE OL**  
(Continued from Sheet No.13.0)

LUMINAIRE TYPE	LAMP TYPE AND SIZE (WATT)	RATED LUMENS	KWH PER MONTH EST.	CITY-OWNED UNIT (\$)			CUSTOMER-OWNED UNIT (\$)	
				FACILITIES	ENERGY	TOTAL	RELAMPING /ENERGY	ENERGY ONLY
AREA	HPS 100	9,500	45	3.75	1.05	4.80	2.18	1.05
FLOOD	HPS 250	27,500	100	7.48	2.31	9.79	3.83	2.31
FLOOD	HPS 400	50,000	156	7.77	3.60	11.37	5.16	3.60
FLOOD	MH 250	19,500	96	11.07	2.25	13.32	6.71	2.25
FLOOD	MH 400	32,000	152	8.98	3.51	12.49	5.66	3.51
ROADWAY*	HPS 70	5,800	30	5.79	0.30	6.09	2.99	0.30
ROADWAY	HPS 100	9,500	45	5.30	1.05	6.35	2.31	1.05
ROADWAY	HPS 150	16,000	63	6.11	1.45	7.56	2.80	1.45
ROADWAY	HPS 250	27,500	100	6.10	2.31	8.41	3.65	2.31
ROADWAY	HPS 400	50,000	156	6.82	3.60	10.42	5.03	3.60
<b>POST TOP LIGHTS</b>								
ACORN	HPS 100	9,500	42	14.45	0.98	15.43	3.14	0.98
ACORN	HPS 150	16,000	63	14.47	1.45	15.92	3.63	1.45
ACORN	MH 100	8,500	40	15.02	0.91	15.93	3.64	0.91
ACORN	MH 175	12,000	69	17.42	1.60	19.02	6.71	1.60
ANCESTRA	HPS 100	9,500	42	16.10	0.98	17.08	3.31	0.98
ANCESTRA	HPS 150	16,000	63	16.13	1.45	17.58	3.80	1.45
ANCESTRA	MH 100	8,500	40	16.67	0.91	17.58	3.81	0.91
ANCESTRA	MH 175	12,000	69	19.07	1.60	20.67	6.89	1.60
CANDELA	HPS 100	9,500	42	22.47	0.98	23.45	3.96	0.98
CANDELA	HPS 150	16,000	63	22.50	1.45	23.95	4.45	1.45
CANDELA	MH 100	15,000	40	23.04	0.91	23.95	4.45	0.91
CANDELA	MH 175	12,000	69	25.44	1.60	27.04	7.54	1.60
DOMUS	MH 175	12,000	69	25.44	1.60	27.04	7.54	1.60
SALEM	HPS 70	6,400	39	6.46	0.91	7.37	2.27	0.91
SALEM	HPS 100	9,500	42	6.44	0.98	7.42	2.31	0.98
SALEM	MH 100	8,500	40	7.01	0.91	7.92	2.81	0.91
SALEM	MH 175	12,000	69	9.40	1.60	11.00	5.90	1.60
SCROLL *	HPS 70	6,400	39	6.18	0.91	7.09	2.01	0.91
SCROLL *	HPS100	9,500	42	6.44	1.00	7.44	2.32	1.00
SCROLL *	HPS150	16,000	63	6.46	1.45	7.91	2.80	1.45

MH = Metal Hailded      HPS = High Pressure Sodium

(\*) Closed service schedule; available only to existing customers at existing locations as of October 1, 2010

**POLES AND MULTI-FIXTURE BRACKETS**

30' Treated Wood Pole used only for the street/outdoor lighting system	2.76
35' Concrete Pole used only for the street/outdoor lighting system	8.22
45' Concrete Pole used only for the street/outdoor lighting system	9.14
*19' Fiberglass pole used only for the street/outdoor lighting system	3.14
*23' Fiberglass pole used only for the street/outdoor lighting system	3.98
18' Post Top Pole - black used only for the street/outdoor lighting system	6.98
21' Post Top Pole - green used only for the street/outdoor lighting system	12.35
13' Post Top Pole - green-OOG used only for the street/outdoor light system	12.36
Arm - black - two fixtures	6.48
Arm - green - two fixtures	6.83

Issued By: James Gabbard  
City Manager

Effective:      October 1, 2010

**OUTDOOR LIGHTING SERVICE  
 MONTHLY RATE SCHEDULE OL**  
 (Continued from Sheet No.13.0)

LUMINAIRE TYPE	LAMP TYPE AND SIZE (WATT)	RATED LUMENS	KWH PER MONTH EST.	CITY-OWNED UNIT (\$)			CUSTOMER-OWNED UNIT (\$)	
				FACILITIES	ENERGY	TOTAL	RELAMPING /ENERGY	ENERGY ONLY
AREA	HPS 100	9,500	45	3.84	1.07	4.91	2.23	1.07
FLOOD	HPS 250	27,500	100	7.66	2.36	10.02	3.92	2.36
FLOOD	HPS 400	50,000	156	7.95	3.68	11.63	5.28	3.68
FLOOD	MH 250	19,500	96	11.33	2.30	13.63	6.87	2.30
FLOOD	MH 400	32,000	152	9.19	3.59	12.78	5.79	3.59
ROADWAY*	HPS 70	5,800	30	5.93	0.31	6.24	3.06	0.31
ROADWAY	HPS 100	9,500	45	5.42	1.07	6.49	2.36	1.07
ROADWAY	HPS 150	16,000	63	6.25	1.48	7.73	2.87	1.48
ROADWAY	HPS 250	27,500	100	6.24	2.36	8.60	3.74	2.36
ROADWAY	HPS 400	50,000	156	6.98	3.68	10.66	5.15	3.68
<b>POST TOP LIGHTS</b>								
ACORN	HPS 100	9,500	42	14.79	1.00	15.79	3.21	1.00
ACORN	HPS 150	16,000	63	14.81	1.48	16.29	3.72	1.48
ACORN	MH 100	8,500	40	15.37	0.93	16.30	3.73	0.93
ACORN	MH 175	12,000	69	17.83	1.64	19.47	6.87	1.64
ANCESTRA	HPS 100	9,500	42	16.48	1.00	17.48	3.39	1.00
ANCESTRA	HPS 150	16,000	63	16.51	1.48	17.99	3.89	1.48
ANCESTRA	MH 100	8,500	40	17.06	0.93	17.99	3.90	0.93
ANCESTRA	MH 175	12,000	69	19.52	1.64	21.16	7.05	1.64
CANDELA	HPS 100	9,500	42	23.00	1.00	24.00	4.05	1.00
CANDELA	HPS 150	16,000	63	23.03	1.48	24.51	4.55	1.48
CANDELA	MH 100	15,000	40	23.58	0.93	24.51	4.55	0.93
CANDELA	MH 175	12,000	69	26.04	1.64	27.68	7.72	1.64
DOMUS	MH 175	12,000	69	26.04	1.64	27.68	7.72	1.64
SALEM	HPS 70	6,400	39	6.61	0.93	7.54	2.32	0.93
SALEM	HPS 100	9,500	42	6.59	1.00	7.59	2.36	1.00
SALEM	MH 100	8,500	40	7.17	0.93	8.10	2.88	0.93
SALEM	MH 175	12,000	69	9.62	1.64	11.26	6.04	1.64
SCROLL *	HPS 70	6,400	39	6.32	0.93	7.25	2.06	0.93
SCROLL *	HPS100	9,500	42	6.59	1.02	7.61	2.37	1.02
SCROLL *	HPS150	16,000	63	6.61	1.48	8.09	2.87	1.48

MH = Metal Halided      HPS = High Pressure Sodium

(\*) Closed service schedule; available only to existing customers at existing locations as of October 1, 2011

**POLES AND MULTI-FIXTURE BRACKETS**

30' Treated Wood Pole used only for the street/outdoor lighting system	2.82
35' Concrete Pole used only for the street/outdoor lighting system	8.41
45' Concrete Pole used only for the street/outdoor lighting system	9.35
*19' Fiberglass pole used only for the street/outdoor lighting system	3.21
*23' Fiberglass pole used only for the street/outdoor lighting system	4.07
18' Post Top Pole - black used only for the street/outdoor lighting system	7.14
21' Post Top Pole - green used only for the street/outdoor lighting system	12.64
13' Post Top Pole - green-OOG used only for the street/outdoor light system	12.65
Arm - black - two fixtures	6.63
Arm - green - two fixtures	6.99

Issued By: James Gabbard  
 City Manager

Effective:      October 1, 2011

**OUTDOOR LIGHTING SERVICE  
MONTHLY RATE SCHEDULE OL**  
(Continued from Sheet No.13.0)

LUMINAIRE TYPE	LAMP TYPE AND SIZE (WATT)	RATED LUMENS	KWH PER MONTH EST.	CITY-OWNED UNIT (\$)			CUSTOMER-OWNED UNIT (\$)	
				FACILITIES	ENERGY	TOTAL	RELAMPING /ENERGY	ENERGY ONLY
AREA	HPS 100	9,500	45	3.89	1.08	4.97	2.26	1.08
FLOOD	HPS 250	27,500	100	7.75	2.39	10.14	3.97	2.39
FLOOD	HPS 400	50,000	156	8.04	3.72	11.76	5.34	3.72
FLOOD	MH 250	19,500	96	11.46	2.33	13.79	6.95	2.33
FLOOD	MH 400	32,000	152	9.30	3.63	12.93	5.86	3.63
ROADWAY*	HPS 70	5,800	30	6.00	0.31	6.31	3.10	0.31
ROADWAY	HPS 100	9,500	45	5.48	1.08	6.56	2.39	1.08
ROADWAY	HPS 150	16,000	63	6.32	1.50	7.82	2.90	1.50
ROADWAY	HPS 250	27,500	100	6.31	2.39	8.70	3.78	2.39
ROADWAY	HPS 400	50,000	156	7.06	3.72	10.78	5.21	3.72
<b>POST TOP LIGHTS</b>								
ACORN	HPS 100	9,500	42	14.96	1.01	15.97	3.25	1.01
ACORN	HPS 150	16,000	63	14.99	1.50	16.49	3.76	1.50
ACORN	MH 100	8,500	40	15.55	0.94	16.49	3.77	0.94
ACORN	MH 175	12,000	69	18.04	1.66	19.70	6.95	1.66
ANCESTRA	HPS 100	9,500	42	16.67	1.01	17.68	3.43	1.01
ANCESTRA	HPS 150	16,000	63	16.71	1.50	18.21	3.94	1.50
ANCESTRA	MH 100	8,500	40	17.26	0.94	18.20	3.95	0.94
ANCESTRA	MH 175	12,000	69	19.75	1.66	21.41	7.13	1.66
CANDELA	HPS 100	9,500	42	23.27	1.01	24.28	4.10	1.01
CANDELA	HPS 150	16,000	63	23.30	1.50	24.80	4.60	1.50
CANDELA	MH 100	15,000	40	23.86	0.94	24.80	4.60	0.94
CANDELA	MH 175	12,000	69	26.35	1.66	28.01	7.81	1.66
DOMUS	MH 175	12,000	69	26.35	1.66	28.01	7.81	1.66
SALEM	HPS 70	6,400	39	6.69	0.94	7.63	2.35	0.94
SALEM	HPS 100	9,500	42	6.67	1.01	7.68	2.39	1.01
SALEM	MH 100	8,500	40	7.25	0.94	8.19	2.91	0.94
SALEM	MH 175	12,000	69	9.73	1.66	11.39	6.11	1.66
SCROLL *	HPS 70	6,400	39	6.39	0.94	7.33	2.08	0.94
SCROLL *	HPS100	9,500	42	6.67	1.03	7.70	2.40	1.03
SCROLL *	HPS150	16,000	63	6.69	1.50	8.19	2.90	1.50

MH = Metal Halided      HPS = High Pressure Sodium

(\*) Closed service schedule; available only to existing customers at existing locations as of October 1, 2012

**POLES AND MULTI-FIXTURE BRACKETS**

30' Treated Wood Pole used only for the street/outdoor lighting system	2.85
35' Concrete Pole used only for the street/outdoor lighting system	8.51
45' Concrete Pole used only for the street/outdoor lighting system	9.46
*19' Fiberglass pole used only for the street/outdoor lighting system	3.25
*23' Fiberglass pole used only for the street/outdoor lighting system	4.12
18' Post Top Pole - black used only for the street/outdoor lighting system	7.22
21' Post Top Pole - green used only for the street/outdoor lighting system	12.79
13' Post Top Pole - green-OOG used only for the street/outdoor light system	12.80
Arm - black - two fixtures	6.71
Arm - green - two fixtures	7.07

Issued By: James Gabbard  
City Manager

Effective:      October 1, 2012

OUTDOOR LIGHTING SERVICE  
MONTHLY RATE SCHEDULE OL  
 (Continued from Sheet No.13.0)

LUMINAIRE TYPE	LAMP TYPE AND SIZE (WATT)	RATED LUMENS	KWH PER MONTH EST.	CITY-OWNED UNIT (\$)			CUSTOMER-OWNED UNIT (\$)	
				FACILITIES	ENERGY	TOTAL	RELAMPING /ENERGY	ENERGY ONLY
AREA	HPS 100	9,500	45	3.94	1.09	5.03	2.29	1.09
FLOOD	HPS 250	27,500	100	7.84	2.42	10.26	4.02	2.42
FLOOD	HPS 400	50,000	156	8.14	3.76	11.90	5.40	3.76
FLOOD	MH 250	19,500	96	11.60	2.36	13.96	7.03	2.36
FLOOD	MH 400	32,000	152	9.41	3.67	13.08	5.93	3.67
ROADWAY*	HPS 70	5,800	30	6.07	0.31	6.38	3.14	0.31
ROADWAY	HPS 100	9,500	45	5.55	1.09	6.64	2.42	1.09
ROADWAY	HPS 150	16,000	63	6.40	1.52	7.92	2.93	1.52
ROADWAY	HPS 250	27,500	100	6.39	2.42	8.81	3.82	2.42
ROADWAY	HPS 400	50,000	156	7.14	3.76	10.90	5.27	3.76
<b>POST TOP LIGHTS</b>								
ACORN	HPS 100	9,500	42	15.14	1.02	16.16	3.29	1.02
ACORN	HPS 150	16,000	63	15.17	1.52	16.69	3.80	1.52
ACORN	MH 100	8,500	40	15.73	0.95	16.68	3.81	0.95
ACORN	MH 175	12,000	69	18.25	1.68	19.93	7.03	1.68
ANCESTRA	HPS 100	9,500	42	16.87	1.02	17.89	3.47	1.02
ANCESTRA	HPS 150	16,000	63	16.91	1.52	18.43	3.99	1.52
ANCESTRA	MH 100	8,500	40	17.47	0.95	18.42	4.00	0.95
ANCESTRA	MH 175	12,000	69	19.98	1.68	21.66	7.21	1.68
CANDELA	HPS 100	9,500	42	23.55	1.02	24.57	4.15	1.02
CANDELA	HPS 150	16,000	63	23.58	1.52	25.10	4.65	1.52
CANDELA	MH 100	15,000	40	24.14	0.95	25.09	4.65	0.95
CANDELA	MH 175	12,000	69	26.66	1.68	28.34	7.90	1.68
DOMUS	MH 175	12,000	69	26.66	1.68	28.34	7.90	1.68
SALEM	HPS 70	6,400	39	6.77	0.95	7.72	2.38	0.95
SALEM	HPS 100	9,500	42	6.75	1.02	7.77	2.42	1.02
SALEM	MH 100	8,500	40	7.34	0.95	8.29	2.94	0.95
SALEM	MH 175	12,000	69	9.85	1.68	11.53	6.18	1.68
SCROLL *	HPS 70	6,400	39	6.47	0.95	7.42	2.10	0.95
SCROLL *	HPS100	9,500	42	6.75	1.04	7.79	2.43	1.04
SCROLL *	HPS150	16,000	63	6.77	1.52	8.29	2.93	1.52

MH = Metal Hailded      HPS = High Pressure Sodium

(\* ) Closed service schedule; available only to existing customers at existing locations as of October 1, 2013

**POLES AND MULTI-FIXTURE BRACKETS**

30' Treated Wood Pole used only for the street/outdoor lighting system	2.88
35' Concrete Pole used only for the street/outdoor lighting system	8.61
45' Concrete Pole used only for the street/outdoor lighting system	9.57
*19' Fiberglass pole used only for the street/outdoor lighting system	3.29
*23' Fiberglass pole used only for the street/outdoor lighting system	4.17
18' Post Top Pole - black used only for the street/outdoor lighting system	7.31
21' Post Top Pole - green used only for the street/outdoor lighting system	12.94
13' Post Top Pole - green-OOG used only for the street/outdoor light system	12.95
Arm - black - two fixtures	6.79
Arm - green - two fixtures	7.15

Issued By: James Gabbard  
 City Manager

Effective:      October 1, 2013

STREET LIGHTING SERVICE

RATE SCHEDULE - SL-1

AVAILABILITY - Available throughout the service area.

APPLICABILITY - For lighting of private residential areas on customer owned and maintained street lighting system.

SERVICE - Energy only.

RATE - Based upon wattage of lamps installed, computed on an average of twelve (12) hours per day operation:

	Effective Dates				
	January 1, 2010	October 1, 2010	October 1, 2011	October 1, 2012	October 1, 2013
per kWh	\$0.0368	\$0.0377	\$0.0386	\$0.0391	\$0.0396

TERMS OF PAYMENT - See " Miscellaneous " Sheet No. 4.0

STATE SALES TAX - See " Miscellaneous " Sheet No. 4.0

CITY UTILITY TAX - See " Miscellaneous " Sheet No. 4.0

OUTSIDE CITY SURCHARGE - See " Miscellaneous " Sheet No. 4.0

BILLING ADJUSTMENT - See "Power Cost Adjustment Clause" Sheet No. 18.0

COUNTY FEE-IN-LIEU-OF-FRANCHISE FEE - See " Miscellaneous " Sheet No. 4.0

STATE GROSS RECEIPTS TAX - See " Miscellaneous " Sheet No. 4.0

DISCLAIMER OF LIABILITY - See " Miscellaneous " Sheet No. 4.0

Issued by: James Gabbard  
 City Manager

Effective: January 1, 2010



BULK POWER COST ADJUSTMENT CLAUSE

BCPA

In addition to the schedule of electric retail rates and charges, the Bulk Power Cost Adjustment Clause shall be applicable to all energy (kWh) sales. The monthly bill computed under the appropriate retail rate schedule will be increased or decreased by

$$BCPA = \frac{F_m}{S_m}$$

Where:

1. BCPA = Bulk Power Cost Adjustment factor in dollars per kWh rounded to the nearest one - thousandth of a cent applicable to bills rendered during the current billing period defined as: initially January 1, 2010 through September 30, 2010 and under normal conditions to be revised for each subsequent six month period October 1 through March 31 and April 1 through September 30.
2.  $F_m$  = Total estimated fuel, purchased power and energy conservation costs applicable for the prospective billing period. Fuel, purchased power and energy conservation cost may include the following:
  - ( a ) total cost of fuel consumed in the City's generating units;
  - ( b ) the total cost of purchased power, fuel, and transmission costs associated with City's share of any jointly-owned generating units;
  - ( c ) the total costs of fuel, purchased power and any associated transmission costs under any purchased power arrangements entered into by the City;
  - ( d ) less the revenue from interchange sales;
  - ( e ) plus or minus any over or under recovered bulk power costs from the prior six month period;
3.  $S_m$  = The prospective sales for the billing period.

NET METERING RATE

AVAILABILITY - Available throughout the service area.

APPLICABILITY - Applicable, as a credit, to customers who produce renewable energy, as defined by Florida Statutes, behind their meter and who are served by the City under one of its standard tariffs. Customer taking service under this tariff must enter into an Interconnection Agreement for Customer-Owned Generation Systems with the City.

LIMITATIONS - Subject to all of the rules and regulations of this tariff and general rules and regulations of the utility.

MONTHLY ELECTRIC RATE -

The rate for service under this tariff shall be the standard tariff applicable to the customer less the monthly energy credit.

DETERMINATION OF EXCESS RENEWABLE ENERGY - All renewable energy produced during a billing cycle shall be used to reduce the customer's energy consumption for calculating the customer's monthly bill under the standard tariff applicable to the customer. Should the customer generate and deliver excess renewable energy to the electric grid during a billing cycle, the excess energy shall be credited to the customer's energy consumption for the next month's billing cycle.

DETERMINATION OF ANNUAL ENERGY CREDIT - Excess Renewable Energy shall accumulate and be used to offset the customer's energy usage in subsequent months. At the end of each calendar year, the City shall pay the customer for unused Excess Renewable Energy an amount equal to the product of unused Excess Renewable Energy during the year and the City's average Power Cost Adjustment Sheet No. 18.0 (\$ per kWh) for the year.

Issued by: James Gabbard  
City Manager

Effective: January 1, 2010

**RESIDENTIAL SERVICE - TIME OF USE**  
(OPTIONAL)

**RATE SCHEDULE:** RST-1

**AVAILABLE:**

In all territory served.

**APPLICATION:**

For service for all domestic purposes in individually metered dwelling units and in duplexes and triplexes, including the separately-metered non-commercial facilities of a residential Customer (i.e., garages, water pumps, etc.). This is an optional rate available to residential customers upon request subject to availability of meters.

**SERVICE:**

Single phase, 60 hertz at available standard voltage. Three phase may be supplied but only under special arrangements. All residential service required on the premises by Customer shall be supplied through one meter. Resale of service is not permitted hereunder.

Initial service under this rate scheduled shall begin on the first scheduled meter reading date following the installation of the time of use meter.

**MONTHLY RATE:**

Customer Charge:	\$11.44	
Non-Fuel Energy Charges:	<u>On-Peak Period</u>	<u>Off-Peak Period</u>
Base Energy Charge	\$0.0933 per kWh	\$0.0337 per kWh
Minimum:	\$11.44	

If the Customer elects to make a lump sum payment to the City for time of use metering costs of \$160, then the Customer Charge and Minimum Charge shall be \$8.14.

**RATING PERIODS:**

On-Peak:

November 1 through March 31: Mondays through Fridays during the hours from 6 a.m. to 10 a.m. and 6 p.m. to 10 p.m. excluding Thanksgiving Day, Christmas Day, and New Year's Day.

April 1 through October 31: Mondays through Fridays during the hours from 12 noon to 9 p.m. excluding Memorial Day, Independence Day, and Labor Day.

Off-Peak:

All other hours.

**BILLING ADJUSTMENT** - See " Power Cost Adjustment Clause " Sheet No. 18.0

**TERMS OF PAYMENT** - See " Miscellaneous " Sheet No. 4.0

**CITY UTILITY TAX** - See " Miscellaneous " Sheet No. 4.0

**OUTSIDE CITY SURCHARGE** - See " Miscellaneous " Sheet No. 4.0

**HURRICANE RECOVERY FUND** - See " Miscellaneous " Sheet No. 4.0

**COUNTY FEE-IN-LIEU-OF-FRANCHISE FEE** - See " Miscellaneous " Sheet No. 4.0

**STATE GROSS RECEIPTS TAX** - See " Miscellaneous " Sheet No. 4.0

**DISCLAIMER OF LIABILITY** - See " Miscellaneous " Sheet No. 4.0

**MEDICALLY ESSENTIAL SERVICE CUSTOMER** - See " Miscellaneous " Sheet No. 4.2

Issued by: James Gabbard  
City Manager

Effective: October 1, 2010

(Continued from Sheet No. 24.0)

TERM OF SERVICE:

Initial service under this rate schedule shall not be less than one (1) billing period. Customer has the option to return to billing under Rate RST-1 upon request. However, a contract for not less than one year shall be required to renew RST-1 billing if this option is exercised. Customer may fulfill this contract by paying to the City the remaining differential in the Customer Charge on Rate Schedules RS and RST-1 for the balance of the 12-month contract period. This payment may either be in a lump sum or spread over the remaining months in the contract period.

RULES AND REGULATIONS:

Service under this schedule is subject to orders of governmental bodies having jurisdiction and to the currently effective "General Rules and Regulations for Electric Service" on file with the Florida Public Service Commission. In case of conflict between any provision of this schedule and said "General Rules and Regulations for Electric Service," the provision of this schedule shall apply.

Issued by: James Gabbard  
City Manager

Effective: October 1, 2010

RESIDENTIAL SERVICE - TIME OF USE  
(OPTIONAL)

RATE SCHEDULE: RST-1AVAILABLE:

In all territory served.

APPLICATION:

For service for all domestic purposes in individually metered dwelling units and in duplexes and triplexes, including the separately-metered non-commercial facilities of a residential Customer (i.e., garages, water pumps, etc.). This is an optional rate available to residential customers upon request subject to availability of meters.

SERVICE:

Single phase, 60 hertz at available standard voltage. Three phase may be supplied but only under special arrangements. All residential service required on the premises by Customer shall be supplied through one meter. Resale of service is not permitted hereunder.

Initial service under this rate scheduled shall begin on the first scheduled meter reading date following the installation of the time of use meter.

MONTHLY RATE:

Customer Charge:	\$11.63	
Non-Fuel Energy Charges:	<u>On-Peak Period</u>	<u>Off-Peak Period</u>
Base Energy Charge	\$0.0954 per kWh	\$0.0345 per kWh
Minimum:	\$11.63	

If the Customer elects to make a lump sum payment to the City for time of use metering costs of \$160, then the Customer Charge and Minimum Charge shall be \$8.33.

RATING PERIODS:On-Peak:

November 1 through March 31: Mondays through Fridays during the hours from 6 a.m. to 10 a.m. and 6 p.m. to 10 p.m. excluding Thanksgiving Day, Christmas Day, and New Year's Day.

April 1 through October 31: Mondays through Fridays during the hours from 12 noon to 9 p.m. excluding Memorial Day, Independence Day, and Labor Day.

Off-Peak:

All other hours.

BILLING ADJUSTMENT - See " Power Cost Adjustment Clause " Sheet No. 18.0

TERMS OF PAYMENT - See " Miscellaneous " Sheet No. 4.0

CITY UTILITY TAX - See " Miscellaneous " Sheet No. 4.0

OUTSIDE CITY SURCHARGE - See " Miscellaneous " Sheet No. 4.0

HURRICANE RECOVERY FUND - See " Miscellaneous " Sheet No. 4.0

COUNTY FEE-IN-LIEU-OF-FRANCHISE FEE - See " Miscellaneous " Sheet No. 4.0

STATE GROSS RECEIPTS TAX - See " Miscellaneous " Sheet No. 4.0

DISCLAIMER OF LIABILITY - See " Miscellaneous " Sheet No. 4.0

MEDICALLY ESSENTIAL SERVICE CUSTOMER - See " Miscellaneous " Sheet No. 4.2

(Continued from Sheet No. 24.0)

TERM OF SERVICE:

Initial service under this rate schedule shall not be less than one (1) billing period. Customer has the option to return to billing under Rate RST-1 upon request. However, a contract for not less than one year shall be required to renew RST-1 billing if this option is exercised. Customer may fulfill this contract by paying to the City the remaining differential in the Customer Charge on Rate Schedules RS and RST-1 for the balance of the 12-month contract period. This payment may either be in a lump sum or spread over the remaining months in the contract period.

RULES AND REGULATIONS:

Service under this schedule is subject to orders of governmental bodies having jurisdiction and to the currently effective "General Rules and Regulations for Electric Service" on file with the Florida Public Service Commission. In case of conflict between any provision of this schedule and said "General Rules and Regulations for Electric Service," the provision of this schedule shall apply.

Issued by: James Gabbard  
City Manager

Effective: October 1, 2011

RESIDENTIAL SERVICE - TIME OF USE  
(OPTIONAL)

RATE SCHEDULE: RST-1AVAILABLE:

In all territory served.

APPLICATION:

For service for all domestic purposes in individually metered dwelling units and in duplexes and triplexes, including the separately-metered non-commercial facilities of a residential Customer (i.e., garages, water pumps, etc.). This is an optional rate available to residential customers upon request subject to availability of meters.

SERVICE:

Single phase, 60 hertz at available standard voltage. Three phase may be supplied but only under special arrangements. All residential service required on the premises by Customer shall be supplied through one meter. Resale of service is not permitted hereunder.

Initial service under this rate scheduled shall begin on the first scheduled meter reading date following the installation of the time of use meter.

MONTHLY RATE:

Customer Charge:	\$11.73	
Non-Fuel Energy Charges:	<u>On-Peak Period</u>	<u>Off-Peak Period</u>
Base Energy Charge	\$0.0965 per kWh	\$0.0349 per kWh
Minimum:	\$11.73	

If the Customer elects to make a lump sum payment to the City for time of use metering costs of \$160, then the Customer Charge and Minimum Charge shall be \$8.43.

RATING PERIODS:On-Peak:

November 1 through March 31: Mondays through Fridays during the hours from 6 a.m. to 10 a.m. and 6 p.m. to 10 p.m. excluding Thanksgiving Day, Christmas Day, and New Year's Day.

April 1 through October 31: Mondays through Fridays during the hours from 12 noon to 9 p.m. excluding Memorial Day, Independence Day, and Labor Day.

Off-Peak:

All other hours.

BILLING ADJUSTMENT - See " Power Cost Adjustment Clause " Sheet No. 18.0

TERMS OF PAYMENT - See " Miscellaneous " Sheet No. 4.0

CITY UTILITY TAX - See " Miscellaneous " Sheet No. 4.0

OUTSIDE CITY SURCHARGE - See " Miscellaneous " Sheet No. 4.0

HURRICANE RECOVERY FUND - See " Miscellaneous " Sheet No. 4.0

COUNTY FEE-IN-LIEU-OF-FRANCHISE FEE - See " Miscellaneous " Sheet No. 4.0

STATE GROSS RECEIPTS TAX - See " Miscellaneous " Sheet No. 4.0

DISCLAIMER OF LIABILITY - See " Miscellaneous " Sheet No. 4.0

MEDICALLY ESSENTIAL SERVICE CUSTOMER - See " Miscellaneous " Sheet No. 4.2

(Continued from Sheet No. 24.0)

TERM OF SERVICE:

Initial service under this rate schedule shall not be less than one (1) billing period. Customer has the option to return to billing under Rate RST-1 upon request. However, a contract for not less than one year shall be required to renew RST-1 billing if this option is exercised. Customer may fulfill this contract by paying to the City the remaining differential in the Customer Charge on Rate Schedules RS and RST-1 for the balance of the 12-month contract period. This payment may either be in a lump sum or spread over the remaining months in the contract period.

RULES AND REGULATIONS:

Service under this schedule is subject to orders of governmental bodies having jurisdiction and to the currently effective "General Rules and Regulations for Electric Service" on file with the Florida Public Service Commission. In case of conflict between any provision of this schedule and said "General Rules and Regulations for Electric Service," the provision of this schedule shall apply.

Issued by: James Gabbard  
City Manager

Effective: October 1, 2012



RESIDENTIAL SERVICE - TIME OF USE  
(OPTIONAL)

RATE SCHEDULE: RST-1AVAILABLE:

In all territory served.

APPLICATION:

For service for all domestic purposes in individually metered dwelling units and in duplexes and triplexes, including the separately-metered non-commercial facilities of a residential Customer (i.e., garages, water pumps, etc.). This is an optional rate available to residential customers upon request subject to availability of meters.

SERVICE:

Single phase, 60 hertz at available standard voltage. Three phase may be supplied but only under special arrangements. All residential service required on the premises by Customer shall be supplied through one meter. Resale of service is not permitted hereunder.

Initial service under this rate scheduled shall begin on the first scheduled meter reading date following the installation of the time of use meter.

MONTHLY RATE:

Customer Charge:	\$11.83	
Non-Fuel Energy Charges:	<u>On-Peak Period</u>	<u>Off-Peak Period</u>
Base Energy Charge	\$0.0977 per kWh	\$0.0353 per kWh
Minimum:	\$11.83	

If the Customer elects to make a lump sum payment to the City for time of use metering costs of \$160, then the Customer Charge and Minimum Charge shall be \$8.53.

RATING PERIODS:On-Peak:

November 1 through March 31: Mondays through Fridays during the hours from 6 a.m. to 10 a.m. and 6 p.m. to 10 p.m. excluding Thanksgiving Day, Christmas Day, and New Year's Day.

April 1 through October 31: Mondays through Fridays during the hours from 12 noon to 9 p.m. excluding Memorial Day, Independence Day, and Labor Day.

Off-Peak:

All other hours.

BILLING ADJUSTMENT - See " Power Cost Adjustment Clause " Sheet No. 18.0

TERMS OF PAYMENT - See " Miscellaneous " Sheet No. 4.0

CITY UTILITY TAX - See " Miscellaneous " Sheet No. 4.0

OUTSIDE CITY SURCHARGE - See " Miscellaneous " Sheet No. 4.0

HURRICANE RECOVERY FUND - See " Miscellaneous " Sheet No. 4.0

COUNTY FEE-IN-LIEU-OF-FRANCHISE FEE - See " Miscellaneous " Sheet No. 4.0

STATE GROSS RECEIPTS TAX - See " Miscellaneous " Sheet No. 4.0

DISCLAIMER OF LIABILITY - See " Miscellaneous " Sheet No. 4.0

MEDICALLY ESSENTIAL SERVICE CUSTOMER - See " Miscellaneous " Sheet No. 4.2

Issued by: James Gabbard  
City Manager

Effective: October 1, 2013

(Continued from Sheet No. 24.0)

TERM OF SERVICE:

Initial service under this rate schedule shall not be less than one (1) billing period. Customer has the option to return to billing under Rate RST-1 upon request. However, a contract for not less than one year shall be required to renew RST-1 billing if this option is exercised. Customer may fulfill this contract by paying to the City the remaining differential in the Customer Charge on Rate Schedules RS and RST-1 for the balance of the 12-month contract period. This payment may either be in a lump sum or spread over the remaining months in the contract period.

RULES AND REGULATIONS:

Service under this schedule is subject to orders of governmental bodies having jurisdiction and to the currently effective "General Rules and Regulations for Electric Service" on file with the Florida Public Service Commission. In case of conflict between any provision of this schedule and said "General Rules and Regulations for Electric Service," the provision of this schedule shall apply.

Issued by: James Gabbard  
City Manager

Effective: October 1, 2013

STANDBY SERVICERATE SCHEDULE: SSAVAILABLE:

In all territory served.

APPLICATION:

To consumers whose electric service requirements are normally supplied or supplemented from sources other than the City including any consumer having on-site generating equipment, and who request firm standby service. A consumer having on-site generating equipment and requesting firm standby service is required to take service under this rate schedule if his total generating capability: (1) exceeds 100 kW, and (2) supplies at least 20% of his total electric load, and (3) is operated for other than emergency and test purposes. Sources of electric service utilized by the consumer solely to provide emergency service in the event that the City provided service is interrupted do not qualify a consumer for service hereunder.

Consumers requiring service under this schedule shall enter into a Standby Service Agreement with the City; however, failure to execute an agreement will not pre-empt the application of this schedule or charges hereunder for service.

CHARACTER OF SERVICE:

Continuous service, alternating current, 60 cycle, single-phase or three-phase, at the City's standard voltage available.

LIMITATIONS OF SERVICE:

1. Resale service not permitted without the expressed consent of the City.
2. Subject to the established rules and regulations of the City.

DEFINITIONS:

1. "Standby Electric Service" refers to backup or maintenance service or both.
2. "Backup Service" means electric energy or capacity supplied by the City to replace energy or capacity normally supplied from other sources, including that ordinarily generated by a consumer's own generation equipment, during an unscheduled outage of the consumer's normal power source.
3. "Maintenance Service" means electric energy or capacity supplied by the City to replace energy or capacity normally generated by the consumer's own generation equipment during a scheduled outage of the consumer's generation.
4. "Supplemental Service" means electric energy or capacity supplied by the City in addition to that which is normally provided by a power supplier other than the City or by the consumer's own generation equipment.
5. "Otherwise applicable rate schedule" refers to the rate schedule under which the consumer would have received service from the City if the consumer had no other normal power source, including self-generation.

Continued to Sheet No. 25.1

STANDBY SERVICE

Continued from Sheet No. 25.0

RATE SCHEDULE: SSDETERMINATION OF SPECIFIED STANDBY CAPACITY:

1. Initially, the consumer and the City shall mutually agree upon a maximum amount of standby capacity in kW to be supplied by the City. This shall be termed for billing purposes as the "Specified Standby Capacity."
2. Where a bona fide change in the consumer's standby capacity requirement occurs, the City and the consumer shall establish a new Specified Standby Capacity.
3. The Specified Standby Capacity for the current billing period shall be the greater of: (1) the mutually agreed upon Specified Standby Capacity; (2) the maximum 15 minute kW standby power requirement established in the current billing month; or (3) the maximum 15 minute kW standby power requirement established in any of the twenty-three preceding billing months.

RATE PER MONTH:

1. Customer Charge: \$280.00
2. Supplemental Service Charges:

All supplemental power requirements shall be billed in accordance with the demand and energy charges of the otherwise applicable rate schedule.

3. Standby Service Charges:

- A. Local Transmission & Distribution Capacity:

1. \$2.28 per kW times the Specified Standby Capacity.

- B. Rate for Backup and Maintenance Service

1. \$13.01 per kW times the consumer's maximum sixty-minute demand established coincident with the City's peak load during the current billing month.
2. \$0.0499 per kWh

MINIMUM CHARGE:

1. As specified in the agreement for service, or
2. The Customer Charge plus the Local Transmission & Distribution Capacity Charge.

Continued to Sheet No. 25.2

Issued by: James Gabbard  
City Manager

Effective: October 1, 2010

STANDBY SERVICE

Continued from Sheet No. 25.1

RATE SCHEDULE: SSSPECIAL PROVISIONS:

1. The City may, under the provisions of this rate, require a contract. Whenever the consumer increases his electrical load, which increase requires the City to increase facilities installed for the specific use of the consumer, a Term of Service may be required.
2. Consumers taking service under this rate schedule who desire to transfer to firm full requirements service will be required to give the City written notice at least sixty (60) months prior to such transfer. Transfers with less than sixty (60) months written notice to an applicable rate schedule may be permitted if it can be shown that such transfer is in the best interests of the consumer and the City.

TERMS OF PAYMENT - See " Miscellaneous " Sheet No. 4.0CITY UTILITY TAX - See " Miscellaneous " Sheet No. 4.0OUTSIDE CITY SURCHARGE - See " Miscellaneous " Sheet No. 4.0HURRICANE RECOVERY FUND - See " Miscellaneous " Sheet No. 4.0COUNTY FEE-IN-LIEU-OF-FRANCHISE FEE - See " Miscellaneous " Sheet No. 4.0STATE GROSS RECEIPTS TAX - See " Miscellaneous " Sheet No. 4.0DISCLAIMER OF LIABILITY - See " Miscellaneous " Sheet No. 4.0MEDICALLY ESSENTIAL SERVICE CUSTOMER - See " Miscellaneous " Sheet No. 4.2Issued by: James Gabbard  
City Manager

Effective: October 1, 2010

STANDBY SERVICERATE SCHEDULE: SSAVAILABLE:

In all territory served.

APPLICATION:

To consumers whose electric service requirements are normally supplied or supplemented from sources other than the City including any consumer having on-site generating equipment, and who request firm standby service. A consumer having on-site generating equipment and requesting firm standby service is required to take service under this rate schedule if his total generating capability: (1) exceeds 100 kW, and (2) supplies at least 20% of his total electric load, and (3) is operated for other than emergency and test purposes. Sources of electric service utilized by the consumer solely to provide emergency service in the event that the City provided service is interrupted do not qualify a consumer for service hereunder.

Consumers requiring service under this schedule shall enter into a Standby Service Agreement with the City; however, failure to execute an agreement will not pre-empt the application of this schedule or charges hereunder for service.

CHARACTER OF SERVICE:

Continuous service, alternating current, 60 cycle, single-phase or three-phase, at the City's standard voltage available.

LIMITATIONS OF SERVICE:

1. Resale service not permitted without the expressed consent of the City.
2. Subject to the established rules and regulations of the City.

DEFINITIONS:

1. "Standby Electric Service" refers to backup or maintenance service or both.
2. "Backup Service" means electric energy or capacity supplied by the City to replace energy or capacity normally supplied from other sources, including that ordinarily generated by a consumer's own generation equipment, during an unscheduled outage of the consumer's normal power source.
3. "Maintenance Service" means electric energy or capacity supplied by the City to replace energy or capacity normally generated by the consumer's own generation equipment during a scheduled outage of the consumer's generation.
4. "Supplemental Service" means electric energy or capacity supplied by the City in addition to that which is normally provided by a power supplier other than the City or by the consumer's own generation equipment.
5. "Otherwise applicable rate schedule" refers to the rate schedule under which the consumer would have received service from the City if the consumer had no other normal power source, including self-generation.

Continued to Sheet No. 25.1

STANDBY SERVICE

Continued from Sheet No. 25.0

RATE SCHEDULE: SSDETERMINATION OF SPECIFIED STANDBY CAPACITY:

1. Initially, the consumer and the City shall mutually agree upon a maximum amount of standby capacity in kW to be supplied by the City. This shall be termed for billing purposes as the "Specified Standby Capacity."
2. Where a bona fide change in the consumer's standby capacity requirement occurs, the City and the consumer shall establish a new Specified Standby Capacity.
3. The Specified Standby Capacity for the current billing period shall be the greater of: (1) the mutually agreed upon Specified Standby Capacity; (2) the maximum 15 minute kW standby power requirement established in the current billing month; or (3) the maximum 15 minute kW standby power requirement established in any of the twenty-three preceding billing months.

RATE PER MONTH:

1. Customer Charge: \$285.00
2. Supplemental Service Charges:

All supplemental power requirements shall be billed in accordance with the demand and energy charges of the otherwise applicable rate schedule.

3. Standby Service Charges:

- A. Local Transmission & Distribution Capacity:

1. \$2.33 per kW times the Specified Standby Capacity.

- B. Rate for Backup and Maintenance Service

1. \$13.31 per kW times the consumer's maximum sixty-minute demand established coincident with the City's peak load during the current billing month.

2. \$0.0510 per kWh

MINIMUM CHARGE:

1. As specified in the agreement for service, or
2. The Customer Charge plus the Local Transmission & Distribution Capacity Charge.

Continued to Sheet No. 25.2

Issued by: James Gabbard  
City Manager

Effective: October 1, 2011

STANDBY SERVICE

Continued from Sheet No. 25.1

RATE SCHEDULE: XXXSPECIAL PROVISIONS:

1. The City may, under the provisions of this rate, require a contract. Whenever the consumer increases his electrical load, which increase requires the City to increase facilities installed for the specific use of the consumer, a Term of Service may be required.
2. Consumers taking service under this rate schedule who desire to transfer to firm full requirements service will be required to give the City written notice at least sixty (60) months prior to such transfer. Transfers with less than sixty (60) months written notice to an applicable rate schedule may be permitted if it can be shown that such transfer is in the best interests of the consumer and the City.

TERMS OF PAYMENT - See " Miscellaneous " Sheet No. 4.0CITY UTILITY TAX - See " Miscellaneous " Sheet No. 4.0OUTSIDE CITY SURCHARGE - See " Miscellaneous " Sheet No. 4.0HURRICANE RECOVERY FUND - See " Miscellaneous " Sheet No. 4.0COUNTY FEE-IN-LIEU-OF-FRANCHISE FEE - See " Miscellaneous " Sheet No. 4.0STATE GROSS RECEIPTS TAX - See " Miscellaneous " Sheet No. 4.0DISCLAIMER OF LIABILITY - See " Miscellaneous " Sheet No. 4.0MEDICALLY ESSENTIAL SERVICE CUSTOMER - See " Miscellaneous " Sheet No. 4.2Issued by: James Gabbard  
City Manager

Effective: October 1, 2011



STANDBY SERVICERATE SCHEDULE: SSAVAILABLE:

In all territory served.

APPLICATION:

To consumers whose electric service requirements are normally supplied or supplemented from sources other than the City including any consumer having on-site generating equipment, and who request firm standby service. A consumer having on-site generating equipment and requesting firm standby service is required to take service under this rate schedule if his total generating capability: (1) exceeds 100 kW, and (2) supplies at least 20% of his total electric load, and (3) is operated for other than emergency and test purposes. Sources of electric service utilized by the consumer solely to provide emergency service in the event that the City provided service is interrupted do not qualify a consumer for service hereunder.

Consumers requiring service under this schedule shall enter into a Standby Service Agreement with the City; however, failure to execute an agreement will not pre-empt the application of this schedule or charges hereunder for service.

CHARACTER OF SERVICE:

Continuous service, alternating current, 60 cycle, single-phase or three-phase, at the City's standard voltage available.

LIMITATIONS OF SERVICE:

1. Resale service not permitted without the expressed consent of the City.
2. Subject to the established rules and regulations of the City.

DEFINITIONS:

1. "Standby Electric Service" refers to backup or maintenance service or both.
2. "Backup Service" means electric energy or capacity supplied by the City to replace energy or capacity normally supplied from other sources, including that ordinarily generated by a consumers own generation equipment, during an unscheduled outage of the consumer's normal power source.
3. "Maintenance Service" means electric energy or capacity supplied by the City to replace energy or capacity normally generated by the consumer's own generation equipment during a scheduled outage of the consumer's generation.
4. "Supplemental Service" means electric energy or capacity supplied by the City in addition to that which is normally provided by a power supplier other than the City or by the consumer's own generation equipment.
5. "Otherwise applicable rate schedule" refers to the rate schedule under which the consumer would have received service from the City if the consumer had no other normal power source, including self-generation.

Continued to Sheet No. 25.1

STANDBY SERVICE

Continued from Sheet No. 25.0

RATE SCHEDULE: SSDETERMINATION OF SPECIFIED STANDBY CAPACITY:

1. Initially, the consumer and the City shall mutually agree upon a maximum amount of standby capacity in kW to be supplied by the City. This shall be termed for billing purposes as the "Specified Standby Capacity."
2. Where a bona fide change in the consumer's standby capacity requirement occurs, the City and the consumer shall establish a new Specified Standby Capacity.
3. The Specified Standby Capacity for the current billing period shall be the greater of: (1) the mutually agreed upon Specified Standby Capacity; (2) the maximum 15 minute kW standby power requirement established in the current billing month; or (3) the maximum 15 minute kW standby power requirement established in any of the twenty-three preceding billing months.

RATE PER MONTH:

1. Customer Charge: \$290.00
2. Supplemental Service Charges:

All supplemental power requirements shall be billed in accordance with the demand and energy charges of the otherwise applicable rate schedule.

3. Standby Service Charges:

- A. Local Transmission & Distribution Capacity:

1. \$2.36 per kW times the Specified Standby Capacity.

- B. Rate for Backup and Maintenance Service

1. \$13.47 per kW times the consumer's maximum sixty-minute demand established coincident with the City's peak load during the current billing month.

2. \$0.0516 per kWh

MINIMUM CHARGE:

1. As specified in the agreement for service, or
2. The Customer Charge plus the Local Transmission & Distribution Capacity Charge.

Continued to Sheet No. 25.2

Issued by: James Gabbard  
City Manager

Effective: October 1, 2012

STANDBY SERVICE

Continued from Sheet No. 25.1

RATE SCHEDULE: SSSPECIAL PROVISIONS:

1. The City may, under the provisions of this rate, require a contract. Whenever the consumer increases his electrical load, which increase requires the City to increase facilities installed for the specific use of the consumer, a Term of Service may be required.
2. Consumers taking service under this rate schedule who desire to transfer to firm full requirements service will be required to give the City written notice at least sixty (60) months prior to such transfer. Transfers with less than sixty (60) months written notice to an applicable rate schedule may be permitted if it can be shown that such transfer is in the best interests of the consumer and the City.

TERMS OF PAYMENT - See "Miscellaneous" Sheet No. 4.0CITY UTILITY TAX - See "Miscellaneous" Sheet No. 4.0OUTSIDE CITY SURCHARGE - See "Miscellaneous" Sheet No. 4.0HURRICANE RECOVERY FUND - See "Miscellaneous" Sheet No. 4.0COUNTY FEE-IN-LIEU-OF-FRANCHISE FEE - See "Miscellaneous" Sheet No. 4.0STATE GROSS RECEIPTS TAX - See "Miscellaneous" Sheet No. 4.0DISCLAIMER OF LIABILITY - See "Miscellaneous" Sheet No. 4.0MEDICALLY ESSENTIAL SERVICE CUSTOMER - See "Miscellaneous" Sheet No. 4.2Issued by: James Gabbard  
City Manager

Effective: October 1, 2012

STANDBY SERVICERATE SCHEDULE: SSAVAILABLE:

In all territory served.

APPLICATION:

To consumers whose electric service requirements are normally supplied or supplemented from sources other than the City including any consumer having on-site generating equipment, and who request firm standby service. A consumer having on-site generating equipment and requesting firm standby service is required to take service under this rate schedule if his total generating capability: (1) exceeds 100 kW, and (2) supplies at least 20% of his total electric load, and (3) is operated for other than emergency and test purposes. Sources of electric service utilized by the consumer solely to provide emergency service in the event that the City provided service is interrupted do not qualify a consumer for service hereunder.

Consumers requiring service under this schedule shall enter into a Standby Service Agreement with the City; however, failure to execute an agreement will not pre-empt the application of this schedule or charges hereunder for service.

CHARACTER OF SERVICE:

Continuous service, alternating current, 60 cycle, single-phase or three-phase, at the City's standard voltage available.

LIMITATIONS OF SERVICE:

1. Resale service not permitted without the expressed consent of the City.
2. Subject to the established rules and regulations of the City.

DEFINITIONS:

1. "Standby Electric Service" refers to backup or maintenance service or both.
2. "Backup Service" means electric energy or capacity supplied by the City to replace energy or capacity normally supplied from other sources, including that ordinarily generated by a consumers own generation equipment, during an unscheduled outage of the consumer's normal power source.
3. "Maintenance Service" means electric energy or capacity supplied by the City to replace energy or capacity normally generated by the consumer's own generation equipment during a scheduled outage of the consumer's generation.
4. "Supplemental Service" means electric energy or capacity supplied by the City in addition to that which is normally provided by a power supplier other than the City or by the consumer's own generation equipment.
5. "Otherwise applicable rate schedule" refers to the rate schedule under which the consumer would have received service from the City if the consumer had no other normal power source, including self-generation.

Continued to Sheet No. 25.1

STANDBY SERVICE

Continued from Sheet No. 25.0

RATE SCHEDULE: SSDETERMINATION OF SPECIFIED STANDBY CAPACITY:

1. Initially, the consumer and the City shall mutually agree upon a maximum amount of standby capacity in kW to be supplied by the City. This shall be termed for billing purposes as the "Specified Standby Capacity."
2. Where a bona fide change in the consumer's standby capacity requirement occurs, the City and the consumer shall establish a new Specified Standby Capacity.
3. The Specified Standby Capacity for the current billing period shall be the greater of: (1) the mutually agreed upon Specified Standby Capacity; (2) the maximum 15 minute kW standby power requirement established in the current billing month; or (3) the maximum 15 minute kW standby power requirement established in any of the twenty-three preceding billing months.

RATE PER MONTH:

1. Customer Charge: \$295.00
2. Supplemental Service Charges:

All supplemental power requirements shall be billed in accordance with the demand and energy charges of the otherwise applicable rate schedule.

3. Standby Service Charges:

- A. Local Transmission & Distribution Capacity:

1. \$2.39 per kW times the Specified Standby Capacity.

- B. Rate for Backup and Maintenance Service

1. \$13.63 per kW times the consumer's maximum sixty-minute demand established coincident with the City's peak load during the current billing month.
    2. \$0.0522 per kWh

MINIMUM CHARGE:

1. As specified in the agreement for service, or
2. The Customer Charge plus the Local Transmission & Distribution Capacity Charge.

Continued to Sheet No. 25.2

Issued by: James Gabbard  
City Manager

Effective: October 1, 2013

STANDBY SERVICE

Continued from Sheet No. 25.1

RATE SCHEDULE: SSSPECIAL PROVISIONS:

1. The City may, under the provisions of this rate, require a contract. Whenever the consumer increases his electrical load, which increase requires the City to increase facilities installed for the specific use of the consumer, a Term of Service may be required.
2. Consumers taking service under this rate schedule who desire to transfer to firm full requirements service will be required to give the City written notice at least sixty (60) months prior to such transfer. Transfers with less than sixty (60) months written notice to an applicable rate schedule may be permitted if it can be shown that such transfer is in the best interests of the consumer and the City.

TERMS OF PAYMENT - See " Miscellaneous " Sheet No. 4.0CITY UTILITY TAX - See " Miscellaneous " Sheet No. 4.0OUTSIDE CITY SURCHARGE - See " Miscellaneous " Sheet No. 4.0HURRICANE RECOVERY FUND - See " Miscellaneous " Sheet No. 4.0COUNTY FEE-IN-LIEU-OF-FRANCHISE FEE - See " Miscellaneous " Sheet No. 4.0STATE GROSS RECEIPTS TAX - See " Miscellaneous " Sheet No. 4.0DISCLAIMER OF LIABILITY - See " Miscellaneous " Sheet No. 4.0MEDICALLY ESSENTIAL SERVICE CUSTOMER - See " Miscellaneous " Sheet No. 4.2Issued by: James Gabbard  
City Manager

Effective: October 1, 2013



## LETTER OF TRANSMITTAL

TO: Florida Public Service Commission  
2450 Shumard Oak Blvd.  
Tallahassee, FL 32399-0850

DATE: <u>September 18, 2009</u>	JOB NO. <u>1224-01</u>
ATTENTION: <u>Division of the Commission Clerk</u>	
RE: <u>City of Vero Beach</u>	

COPIES	DATE	NO.	DESCRIPTION
5			Tariff Changes for Review

THESE ARE TRANSMITTED as checked below:

- |                                     |                        |
|-------------------------------------|------------------------|
| <input checked="" type="checkbox"/> | For Approval           |
| <input type="checkbox"/>            | For your use           |
| <input type="checkbox"/>            | As requested           |
| <input type="checkbox"/>            | For review and comment |
| <input type="checkbox"/>            | Other                  |

REMARKS: \_\_\_\_\_  
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COPY TO: \_\_\_\_\_

SIGNED: *Henry L. Thomas*