**GAINESVILLE REGIONAL UTILITIES** 



STRATEGIC PLANNING

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DISTRIBUTE & CERTER

August 30, 2007

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

070000-01

Gainesville Regional Utilities (GRU) is hereby submitting proposed tariff sheet revisions for approval by the Florida Public Service Commission (PSC). GRU is submitting one copy of the proposed tariff revisions in legislative format and three (3) copies of the proposed tariff sheets in final form. The new rates would become effective as of October 1, 2007.

Attached is supporting documentation for PSC review.

A list of the existing tariff sheets that are affected by the proposed revisions and the corresponding revised tariff sheets is provided below.

# CMP <u><u><u><u></u></u><u><u>Current Sheet</u></u></u></u>

- COM Eighth Revised Sheet No. 1.0 CTR \_\_\_\_\_ Fifth Revised Sheet No. 6.1 ECR / Fourth Revised Sheet No. 6.1.1 Eighth Revised Sheet No. 6.3 GCL -Seventh Revised Sheet No. 6.3.1 OPC Seventh Revised Sheet No. 6.5 Fifth Revised Sheet No. 6.5.1 RCA \_\_\_\_\_Sixth Revised Sheet No. 6.6 SCR \_\_\_\_\_Sixth Revised Sheet No. 6.7 Sixth Revised Sheet No. 6.7.1 SGA Third Revised Sheet No. 6.8 SEC \_\_\_\_Second Revised Sheet No. 6.16.1 Second Revised Sheet No. 6.16.2 OTH
  - Original Sheet No. 6.16.3

# **Proposed Sheet**

Ninth Revised Sheet No. 1.0 Sixth Revised Sheet No. 6.1 Fifth Revised Sheet No. 6.1.1 Ninth Revised Sheet No. 6.3 Eighth Revised Sheet No. 6.3.1 Eighth Revised Sheet No. 6.5 Sixth Revised Sheet No. 6.5.1 Seventh Revised Sheet No. 6.6 Seventh Revised Sheet No. 6.7 Seventh Revised Sheet No. 6.7.1 Fourth Revised Sheet No. 6.8 Third Revised Sheet No. 6.16.1 Third Revised Sheet No. 6.16.2 Deleted

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PSC-COMMISSION CLE

# Current Sheet

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# **Proposed Sheet**

Second Revised Sheet No. 6.17 Second Revised Sheet No. 6.17.1 Second Revised Sheet No. 6.17.2 Third Revised Sheet No. 6.17 Third Revised Sheet No. 6.17.1 Third Revised Sheet No. 6.17.2

Please feel free to contact me at (352) 334-3400, extension 1273 or Diane Wilson at (352) 334-3400, extension 1282 if you have any questions, comments or require additional information.

Respectfully submitted,

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Heidi Lannon, Ph. D. Managing Utility Analyst

# OVERVIEW

Gainesville Regional Utilities (GRU) is submitting this proposal to increase rates for all four of its retail electric customers; residential, general service non-demand, general service demand and large power. The structure of the rates will not change, but we are unbundling taxable fuel to be consistent with our new billing system's billing schema. As was the case last year, these rate increases have been necessitated by upcoming air quality standard changes and rising construction costs, as well as maintenance of existing generating units. Under the direction of our City Commission, we are focusing strongly on conservation, which has costs not previously seen in our budget.

The City Commission is in the process of budget review and will approve these rates concurrently with the budget process, with second reading of the ordinance change occurring before October 1, 2007. The proposed changes to rates to be implemented October 1, 2007, are based on an increase to the electric system revenue requirement of 11%. Again, like last year, rate design was guided by our conservations goals.

Residential (RES)

- Increase Customer Charge by 7%
- Increase non-fuel energy charge for all kWh consumption as follows:
  - o 0-250 kWh by 4%
  - o 251-750 kWh by 12%
  - $\circ$  greater than 750 by 17%

General Service Non-Demand (GSN)

- Increase Customer Charge by 5.4%
- Increase non-fuel energy charge for all kWh consumption by 11%

General Service Demand (GSD)

- Increase Customer Charge by 7%
- Increase kilowatt demand charges by 19%
- Increase kWh consumption charges by 10%

Large Power (LP)

- Increase Customer Charge by 8%
- Increase kilowatt demand charges by 27%
- Increase kWh consumption charges by 4%

# COST OF SERVICE HIGHLIGHTS

GRU's cost of service methodology continues to be an average and excess allocation of costs to GRU's four retail rate classes as submitted previously to the Florida Public Service Commission on numerous occasions. This methodology has been enhanced to divide costs into generation, transmission, distribution, and customer service components (unbundled elements). The revenues by rate class were then compared to costs of service in FY 2006 with the following overall results (see Appendix 1):



# TABLE 1 REVENUE CHANGE REQUIRED TO MATCH COST OF SERVICE

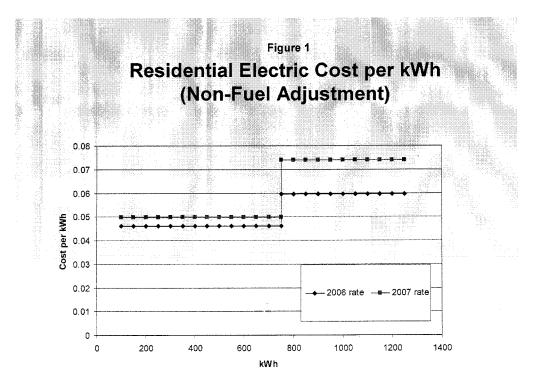
RATE CLASS	PCT CHANGE
RES	+1.41%
GSND	+2.96%
GSD	-9.13%
LP	-5.48%

While the Cost of Service provides a guide to rate structure and design, it is backward looking while our revenue requirements are driven by the planning horizon. As such, the total dollars for each electric rate class is increasing by about 11%, but it is achieved in many components, including the customer charge and the energy and demand charges.

# RESIDENTIAL RATES

In the Residential class, we are continuing with the three tier rate structure established last year to help lower usage customers by having lower costs per kWh for the lower usage levels.

Figure 1 illustrates the proposed rates and the effective change in average price per kWh as consumption increases.

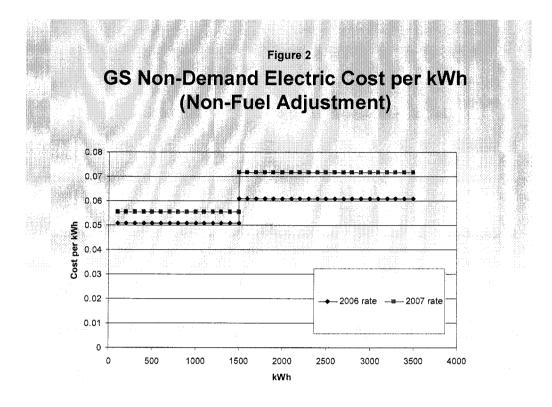




# GENERAL SERVICE NON-DEMAND RATES

As indicated by the cost of service studies, the general service non-demand class has been paying just slightly less than the cost to serve it. As with the residential rates, increases to the monthly customer charge and all kWh charges are being proposed, with a larger increase to the second tier to be consistent with our conservation goals.

Figure 2 illustrates the new rates and the effective change in average price per kWh as consumption increases.



# GENERAL SERVICE DEMAND AND LARGE POWER RATES

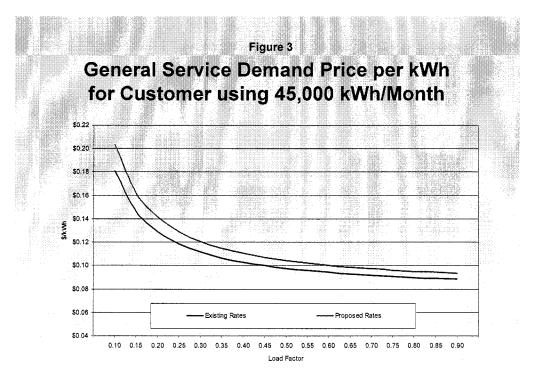
Most of the General Service Demand and Large Power customers participate in the GRU's Business Partner Discount program, which gives the customers under contract discounts to their non-fuel charges of 10% and 13%, respectively. This off-sets the results of the cost of service study shown above, which include all costs, including fuel.

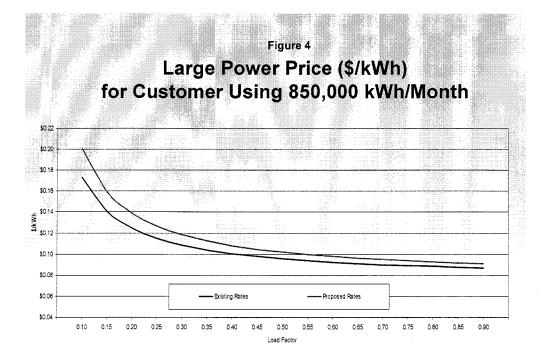
In fiscal year 2008, increases for both the demand charge and energy charges for these classes are proposed to achieve the additional revenue required from these groups. Additionally, the General Service Demand and Large Power customer classes will be charged the same demand charge per kW under the proposed rates. The energy charge for the Large Power customer class will be slightly less than that of the General Service Demand class to reflect a truer cost of service charge to each customer and yield a lower average cost per kWh to customers with better load factors. While not a structure change as such, we are modifying the definition of a large power customer to reflect a 12-month rolling average of 1000 kW, as



compared to the previous definition that only required a customer to reach 1000 kW once in the previous 12 months to qualify for the large power rate.

Figures 3 and 4 illustrate the new rates and the effective change in average price per kWh as load factors increases.







# SUMMARY

Based on cost of service studies, we are very close to achieving equity among classes given the current rate structure. The differences between classes are within acceptable levels of the inaccuracies of available data and methodologies. In allocating the rate increases, the amount of required rate increase revenue assigned to each class was based on total sales in each class as a percentage of total retail electric sales in FY 2006. The proposed rate increases should achieve the required revenue, while keeping the equity among the retail electric classes.

Attached:

Appendix 1: Electric Cost of Service Study Fiscal Year 2006





# **ELECTRIC DOCUMENTATION**

# GAINESVILLE REGIONAL UTILITIES

# CITY OF GAINESVILLE, FLORIDA

301 S.E. 4th Avenue

P. O. Box 147117

Gainesville, Florida 32614-7117

(352) 334-3400

Submitted to Florida Public Service Commission



# INDEX OF RATE SCHEDULES

Designation	Description	Sheet Number
GS	General Service Non-Demand	6.1
N/A	Reserved for Future Use	6.2
GS-D	General Service-Demand	6.3
N/A	Reserved for Future Use	6.4
RS	Residential Service	6.5
RS-T	Residential Time-of-Use	6.6
LP	Large Power Service	6.7
DR	Distributed Resources Credit Rate	6.8
Т	Transmission Service	6.9
INT	Interruptible-Curtailable Service Rider	6.10
N/A	Reserved for Future Use	6.11
REAL	Retained Expanded or Attracted Load Service Rider	6.12
BPD	Business Partners Rate Discount Rider	6.13
FA	Retail Fuel Adjustment	6.14
GRT	Gross Receipts Tax Recovery	6.15
PSL	Public Streetlight Service	6.16
RL	Rental Outdoor Light Service	6.17



Sec. 27-27 Retail Rates - GENERAL SERVICE NON-DEMAND

# AVAILABILITY [Sec. 27-27(d)]

This service is available to consumers both within and outside the corporate limits of the city.

# APPLICABILITY [Sec. 27-21]

*Non-demand.* All nonresidential electric service where a demand of fifty (50) kilowatts or greater has not been established. When a customer on this rate establishes a demand of fifty (50) kW, or greater, the appropriate demand rate will be applied for the current billing month plus a minimum of eleven (11) succeeding billing months. All energy supplied shall be through a single meter and a single point of delivery. During the period beginning May 15 and ending October 15 each year, customers with an established billing demand of 50 kilowatts or greater may enter into an agreement for service under this schedule if their maximum demand established during peak periods does not exceed a demand of 49 kilowatts anytime within twelve (12) consecutive billing months. Peak periods are defined in Appendix A, UTILITIES, Subsection (1)f1(ii)(B), Residential Service, Time-of-Use Rate. General Service demand customers who wish to enter into an agreement for service under this schedule by metering demand during peak periods will pay a one time meter installation charge of \$200.00.

# METER INSTALLATION CHARGE [Appendix A, UTILITIES, (1)d]

General Service, Time-of-Demand meter installation (§27-21) ......\$200.00

# CHARACTER OF SERVICE [Sec. 27-21]

*Service*. The term "service" shall include in addition to all electric energy required by consumer the readiness and ability on the part of the city to furnish electric energy to the consumer; thus, the maintenance by the city at the point of delivery of approximately the agreed voltage and frequency shall constitute the rendering of service irrespective of whether consumer makes any use thereof.

# LIMITATIONS OF SERVICE

See "Resale of Electricity Prohibited" on Sheet 4.8.

# RATE [Appendix A, UTILITIES, (1)g1(i)]

*Base Rate.* The rates to be charged and collected for electric energy furnished by the city to consumers for general service, non-demand are hereby fixed as follows:

(A)	Customer charge, per month	\$16.00
(B)	First 1,500 kilowatt hours per month, per kWh	
	Generation charge, taxable fuel	\$0.0065
	Generation charge, non-fuel	\$0.0256
	Transmission charge	\$0.0018
	Distribution charge	\$0.0281
	Total charge, per kWh	\$0.0620

(Continued on Sheet No. 6.1.1)



(Continued from Sheet No. 6.1)

(C)	All kWh per month, over 1,500, per kWh	
	Generation charge, taxable fuel	\$0.0065
	Generation charge, non-fuel	\$0.0339
	Transmission charge	\$0.0024
	Distribution charge	\$0.0372
	Total charge, per kWh	\$0.0800

# MINIMUM CHARGE [Appendix A, UTILITIES, (1)g1(i)(C)]

Minimum Monthly Bill. The minimum monthly bill shall be equal to the customer charge.

# BILLING TERMS

All bills rendered will express charges in terms of total charges per kWh.

# TERMS OF PAYMENT

See "Utility Service-Application; Period of Service; Transfer of Service; Authority to Determine Type of Service; Withholding Service for Prior indebtedness" on Sheet 4.2 and "Combined Statements-Rendering; Information; Date Payable; Delinquencies; Penalties" on Sheet 4.5.

# FUEL ADJUSTMENT

See "Fuel Adjustment Clause" beginning on Sheet No. 6.14.

# SURCHARGE [Sec. 27-27(c)]

Surcharge for consumers outside the City limits. The rates to be charged and collected by the city for electric energy furnished by the city outside of its corporate limits to consumers of retail electric service shell be the base rates as set for above, plus a surcharge equal the amount of the city utility tax charged consumers inside the city limits; provided, however, that the United State of America, the State of Florida, and all political subdivisions, agencies, boards, commissions, and instrumentalities thereof and all recognized places of religious assembly of the State of Florida are exempt from the payment of the surcharge imposed and levied thereby.

# GROSS RECEIPTS TAX RECOVERY

See "Gross receipts Tax Recovery" on Sheet No. 6.15.

(Continued on Sheet No. 6.1.2)



Sec 27-27 Retail Rates – GENERAL SERVICE DEMAND

# AVAILABILITY [Sec. 27-27(d)]

This service is available to consumers both within and outside the corporate limits of the city.

# APPLICABILITY [Sec. 27-21]

*Demand.* All nonresidential electric service with an established billing demand of fifty (50) but less than one thousand (1,000) kilowatts per month. Customers in this rate will be changed to the no-demand rate of the current billing month at such time as their billing demand has been below fifty (50) kW for twelve (12) consecutive billing months following the effective date of this subsection. Customers with a demand of 50 kW or less may enter an agreement for service under this schedule. All energy supplied shall be through a single meter and a single point of delivery.

# CHARACTER OF SERVICE [Sec. 27-21]

*Service*. The term "service" shall include in addition to all electric energy required by consumer the readiness and ability on the part of the city to furnish electric energy to the consumer; thus, the maintenance by the city at the point of delivery of approximately the agreed voltage and frequency shall constitute the rendering of service irrespective of whether consumer makes any use thereof.

# LIMITATION OF SERVICE

See "Resale of Electricity Prohibited" on Sheet 4.8.

# RATE [Appendix A, UTILITIES, (1)g1(ii)]

*Base Rate.* The rates to be charged and collected for electric energy furnished by the city to consumers by general service demand are hereby fixed as follows:

- (A) Customer Charge, per month.....\$33.00
- (B) Demand Charge:

I. No discounts, per kW, per month	
Generation charge	. \$3.77
Transmission charge	. \$0.69
Distribution charge	
Total charge, per kW	. \$9.00
II. With primary metering discount, per kW, per n Generation charge	
Transmission charge	
Distribution charge	\$4.36
Total charge, per kW	\$8.82

(Continued on Sheet 6.3.1)



(Continued from Sheet No. 6.3)

III. With primary service discount, per kW,	per month
Generation charge	\$3.77
Transmission charge	\$0.69
Distribution charge	\$4.39
Total charge, per kW	\$8.85
IV. With primary metering and service disc	count, per kW, per month
Generation charge	\$3.770
Transmission charge	
Distribution charge	
Total charge, per kW	\$8.673

The billing demand is the highest demand established during the month. The demand shall be integrated over a thirty (30) minute period.

# (C) Energy Charge:

I. No discounts, per kWh, per month	
Generation charge, taxable fuel	\$0.0065
Generation charge, non-fuel	\$0.0177
Transmission charge	\$0.0008
Distribution charge	\$0.0040
Total charge, per kWh	\$0.0290
II. With primary metering discount, per kW, per mo	onth
Generation charge, taxable fuel	\$0.00650
Generation charge, non-fuel	\$0.01770
Transmission charge	\$0.00080
Distribution charge	\$0.00342
Total charge, per kWh	

# MINIMUM CHARGE [Appendix A, UTILITIES, (1)g1(ii)(E)]

*Minimum monthly bill.* The minimum monthly bill shall be equal to the monthly customer charge plus thirty-five (35) times the demand charge. For those customers with an established demand of less than 50 kW who have entered into an agreement for service under this schedule, the minimum monthly bill shall be equal to the monthly customer charge plus 35 times the demand charge.

# **BILLING TERMS**

All bills rendered will express charges in terms of total charges per kWh or kW.

# TERMS OF PAYMENT

See "Utility Service-Application; Period of Service; Transfer of Service; Authority to Determine Type of Service; Withholding Service for Prior indebtedness" on Sheet 4.2 and "Combined Statements-Rendering; Information; Date Payable; Delinquencies; Penalties" on Sheet 4.5.

(Continued on Sheet 6.3.2)



# Sec. 27-27 Retail Rates - RESIDENTIAL SERVICE (Non-Time Differentiated)

# AVAILABILITY [Sec. 27-27(d)]

This service is available to consumers both within and outside the corporate limits of the city.

# APPLICABILITY [Sec. 27-21]

*Residential Service.* Service to a single living unit located in a single-family or multiple-family dwelling or a living unit consisting of a sorority, fraternity, cooperative housing unit of a college or university or other non-profit group living unit. A living unit shall be a place where people reside on a non-transient basis containing a room or rooms comprising the essential elements of a single housekeeping unit. Each separate facility for the preparation, storage and keeping of food for consumption within the premises shall cause a housekeeping unit to be construed as a single living unit. All energy supplied shall be through a single meter at a single point of delivery.

#### CHARACTER OF SERVICE [Sec. 27-21]

*Service*. The term "service" shall include in addition to all electric energy required by consumer the readiness and ability on the part of the city to furnish electric energy to the consumer; thus, the maintenance by the city at the point of delivery of approximately the agreed voltage and frequency shall constitute the rendering of service irrespective of whether consumer makes any use thereof.

#### LIMITATION OF SERVICE

See "Resale of Electricity Prohibited" on Sheet 4.8.

#### RATE [Appendix A, UTILITIES, (1)g1(ii)]

*Base Rate.* The rates to be charged and collected for electric energy furnished by the city to consumers by residential service are hereby fixed as follows:

(i) Non-Time-Differentiated Rate. All residential customers may elect service at this rate:

(A) Customer charge, per month..... \$5.54

(B) kiloWatt-hour usage from 0-250 kWh, per kWh	
Generation charge, taxable fuel	\$0.0065
Generation charge, non-fuel	\$0.0089
Transmission charge	\$0.0006
Distribution charge	\$0.0090
Total charge, per kWh	. \$0.0250
(C) kiloWatt-hour usage from 251-750 kWh, per kWh	
Generation charge, taxable fuel	\$0.0065
Generation charge, non-fuel	\$0.0281
Transmission charge	. \$0.0020
Distribution charge	\$0.0284
Total charge, per kWh	\$0.0650

(Continued on Sheet No. 6.5.1)



(Continued from Sheet No. 6.5)

(C) kiloWatt-hour usage greater than 750 kWh, per kWh	
Generation charge, taxable fuel	\$0.0065
Generation charge, non-fuel	\$0.0436
Transmission charge	\$0.0030
Distribution charge	\$0.0439
Total charge, per kWh	\$0.0970

# MINIMUM CHARGE [Appendix A, UTILITIES, (1)g1(i)(C)]

Minimum Monthly Bill. The minimum monthly bill shall be equal to the customer charge.

# **BILLING TERMS**

All bills rendered will express charges in terms of total charges per kWh.

# TERMS OF PAYMENT

See "Utility Service-Application; Period of Service; Transfer of Service; Authority to Determine Type of Service; Withholding Service for Prior indebtedness" on Sheet 4.2 and "Combined Statements-Rendering; Information; Date Payable; Delinquencies; Penalties" on Sheet 4.5.

# FUEL ADJUSTMENT

See "Fuel Adjustment Clause" beginning on Sheet No. 6.14.

# SURCHARGE [Sec. 27-27(c)]

Surcharge for consumers outside the City limits. The rates to be charged and collected by the city for electric energy furnished by the city outside of its corporate limits to consumers of retail electric service shell be the base rates as set for above, plus a surcharge equal the amount of the city utility tax charged consumers inside the city limits; provided, however, that the United State of America, the State of Florida, and all political subdivisions, agencies, boards, commissions, and instrumentalities thereof and all recognized places of religious assembly of the State of Florida are exempt from the payment of the surcharge imposed and levied thereby.

# GROSS RECEIPTS TAX RECOVERY

See "Gross receipts Tax Recovery" on Sheet No. 6.15.

(Continued on Sheet No. 6.5.2)



Sec. 27-27 Retail Rates--RESIDENTIAL SERVICE (Optional Time-of-Use)

# AVAILABILITY [Sec. 27-27(d)]

This service is available to consumers both within and outside the corporate limits of the city.

# APPLICABILITY [Sec. 27-21]

*Residential Service*. Service to a single living unit located in a single-family, detached, permanent dwelling both owned and occupied by the applicant. A living unit shall be a place where people reside on a non-transient basis containing a room or rooms comprising the essential elements of a single housekeeping unit. Each separate facility for the preparation, storage and keeping of food for consumption within the premises shall cause a housekeeping unit to be construed as a single living unit. All energy supplied shall be through a single meter at a single point of delivery.

# CHARACTER OF SERVICE [Sec. 27-21]

*Service.* The term "service" shall include in addition to all electric energy required by consumer the readiness and ability on the part of the city to furnish electric energy to the consumer; thus, the maintenance by the city at the point of delivery of approximately the agreed voltage and frequency shall constitute the rendering of service irrespective of whether consumer makes any use thereof.

# LIMITATIONS OF SERVICE

See "Resale of Electricity Prohibited" on Sheet 4.8.

# RATES [Appendix A, UTILITIES, (1)f1]

*Base rate.* The rates to be charged and collected for electric energy furnished by the city to consumers for residential service are hereby fixed as follows:

(ii) *Time-of-use base rate*. All residential customers may elect service at this rate, except that the city may, at its option, limit the number of customers and type of residences which will be served at this rate.

(A) Customer Charge, per month ..... \$9.36

\*Note: This time-of-use rate customer charge includes a base customer charge of \$5.55 per month and an additional charge of \$3.81 per month time-of-use meter charge.

(B) Energy Charge

All Energy Used On-Peak, per kWh.....\*\$0.110per kWhAll Energy Used Off-Peak, per kWh.....\*\$0.035per kWh

\*Note: To calculate the true ratio of on-peak to off-peak energy costs, the fuel adjustment per kWh should be added to the above-stated energy charges. Peak periods shall be as follows:

(Continued on Sheet No. 6.6.1)



Sec. 27-27 Retail Rates - LARGE POWER SERVICE

# AVAILABILITY [Sec 27-27(d)]

This service is available to consumers both withing and outside the corporate limits of the city.

# APPLICABILITY [Sec. 27-21]

Large Power Service. All nonresidential electric service with an established billing demand of one thousand (1,000) kilowatts per month or over. Customers in this rate will be changed to the applicable general service rate for the current billing month at such time as their 12-month rolling average billing demand falls below one thousand (1,000) kW. All energy supplied shall be through a single meter and a single point of delivery.

#### CHARACTER OF SERVICE [Sec. 27-21]

*Service*. The term "service" shall include in addition to all electric energy required by consumer the readiness and ability on the part of the city to furnish electric energy to the consumer; thus, the maintenance by the city at the point of delivery of approximately the agreed voltage and frequency shall constitute the rendering of service irrespective of whether consumer makes any use thereof.

# LIMITATION OF SERVICE

See "Resale of Electricity Prohibited" on Sheet 4.8.

# RATE [Appendix A, UTILITIES, (1)h1]

*Base Rate.* The rates to be charged and collected for electric energy furnished by the city to consumers by large power service are hereby fixed as follows:

(A) Customer Charge, per month......\$265.00

(C) Demand Charge:	
I. No discounts, per kW, per month	
Generation charge	\$3.95
Transmission charge	\$0.66
Distribution charge	\$4.39
Total charge, per kW	\$9.00
II. With primary metering discount, per kW, per mo	nth
Generation charge	\$3.95
Transmission charge	\$0.66
Distribution charge	\$4.21
Total charge, per kW	\$8.82

(Continued on Sheet 6.7.1)



(Continued from Sheet No. 6.7)

III. With primary service discount, per kW, per	month
Generation charge	. \$3.95
Transmission charge	\$0.66
Distribution charge	\$4.24
Total charge, per kW	\$8.85
IV. With primary metering and service discou	nt, per kW, per month
Generation charge	\$3.950
Transmission charge	\$0.660
Distribution charge	
Total charge, per kW	

The billing demand is the highest demand established during the month. The demand shall be integrated over a thirty (30) minute period.

# (C) Energy Charge:

I. No discounts, per kWh, per month	
Generation charge, taxable fuel	\$0.0065
Generation charge, non-fuel	\$0.0053
Transmission charge	\$0.0020
Distribution charge	\$0.0132
Total charge, per kWh	\$0.0270
II. With primary metering discount, per kW, per month Generation charge, taxable fuel Generation charge, non-fuel Transmission charge Distribution charge	\$0.00200 \$0.01266
Total charge, per kWh	\$0.02646

# MINIMUM CHARGE [Appendix A, UTILITIES, (1)g1(ii)(E)]

*Minimum monthly bill.* The minimum monthly bill shall be equal to the monthly customer charge plus seven hundred (700) times the demand charge.

# **BILLING TERMS**

All bills rendered will express charges in terms of total charges per kWh or kW.

# TERMS OF PAYMENT

See "Utility Service-Application; Period of Service; Transfer of Service; Authority to Determine Type of Service; Withholding Service for Prior indebtedness" on Sheet 4.2 and "Combined Statements-Rendering; Information; Date Payable; Delinquencies; Penalties" on Sheet 4.5.

(Continued on Sheet 6.7.2)



Sec. 27-27 Retail Rates – DISTRIBUTED RESOURCES CREDIT RATE:

1. General Provision.

(A) Applicable only to electric customers of the utility

(i) Distributed Resource(s) of less than or equal to 10 kW, kWh to be credited at prevailing generation component of the General Service Demand Energy charge (§27-27(g).1(c) plus the prevailing retail fuel adjustment (See section 27-28).

(ii) Distributed Resource(s) greater than 10kW, kWh to be credited at avoided cost as negotiated by contract.



(Continued from Sheet No. 6.16) Monthly charge Monthly kWh Fixture Type, Size and Description Per Fixture Per Fixture Group 1 Flood Lights Light Type 7 – 400 watt MV Flood Light\* 163 \$10.75 Light Type 10 – 400 watt HPS Flood Light \$10.25 163 Light Type 12 – 250 watt HPS Flood Light \$ 9.00 103 Light Type 22 – 400 watt MH Flood Light \$12.75 163 Group 1 Luminaires Light Type 1 – 70 watt HPS Cutoff Light\* \$ 7.25 35 Light Type 3 - 175 watt MV Area Light\* \$ 7.50 69 Light Type 11 – 100 watt HPS Cutoff Street Light Grey \$ 7.25 41 Light Type 13 – 100 watt HPS Area Light\* \$ 7.50 41 Light Type 14 – 150 watt HPS Cutoff Street Light Grey \$ 7.75 66 Group 2 Luminaires Light Type 4 – 250 watt HPS Non Cutoff Street Light\* \$11.25 103 Light Type 5 – 400 watt MV Non Cutoff Street Light\* \$11.25 163 Light Type 6 – 400 watt HPS Non Cutoff Street Light\* \$11.25 163 Light Type 16 – 250 watt HPS Cutoff Street Light \$ 9.50 103 Light Type 23 – 400 watt HPS Cutoff Street Light Grey\* \$11.00 163 Group 3 Luminaires Light Type 24 – 400 watt HPS Cutoff Street Light Black \$16.75 163 Light Type 31 – 250 watt HPS Cutoff Street Light Black \$15.50 103 Light Type 32 – 150 watt HPS Cutoff Street Light Black \$15.00 66 Group 1 Decorative Lights Light Type 2 – 175 watt MV Post Top Street Light Conical Style\* 69 \$12.50 Light Type 15 – 150 watt HPS Bronze Decorative Shoe Box Style Light \$10,50 66 Light Type 19 – 100 watt HPS Post Top Street Light Conical Style \$12.50 41 Light Type 25 – 100 watt HPS Cutoff Lantern Style Street Light\* \$13.50 41 Group 2 Decorative Lights Light Type 17 – 400 watt MH Round Cutoff Roadway Light Black \$21.75 163 Light Type 26 - 100 watt HPS Granville Style Light\* \$27.75 41 Light Type 28 - 100 watt MV Pedestrian Street Light Coach Style\* \$31.50 41 Light Type 29 – 100 watt HPS Cutoff Street Light Traditional Style \$29.75 41 Group 3 Decorative Lights Light Type 27 – 100 watt HPS Domus Style Light \$31.50 41 Light Type 30 - 100 watt MH Cutoff Street Light Traditional Style 41 \$30.75 Light Type 33 – 200 watt HPS Renaissance II Style Light 82 \$33.50 Light Type 34 – 200 watt HPS Renaissance IV Style Light 82 \$34.25 \*Not Available for Installation (Continued on Sheet No. 6.16.2)



(Continued from Sheet No. 6.16.1)

2. Monthly rental charges for approved public streetlight fixtures for which lights are operated and maintained by the city's utilities department, and for which installation costs were borne by a government agency other than the city's utilities department (does not include underground civil infrastructure costs or pole rental fees):

Fixture size and type	Monthly charge per fixture	Monthly kWh per fixture
Light Type 1 - 70 watt HPS Light	\$ 3.75	35
Light Type 13, 19, 25 - 100 watt HPS Light*	\$ 3.75	41
Light Type 11 – 100 watt HPS Light	\$ 3.75	41
Light Type 14, 15, 32 - 150 watt HPS Light	\$ 5.00	66
Light Type 2, 3 - 175 watt MV Light	\$ 4.75	69
Light Type 4- 250 watt HPS Light*	\$ 7.50	103
Light Type 12, 16, 31 – 250 watt HPS Light	\$ 7.50	103
Light Type 5, 6, 7- 400 watt HPS Light*	\$10.75	163
Light Type 10, 17, 22, 23, 24 - 400 watt HPS Light	\$10.75	163
Light Type 26 – 100 watt Granville Style Light	\$ 5.00	41
Light Type 28 - 100 watt MV Coach Style Light*	\$ 8.25	41
Light Type 29 - 100 watt HPS Traditional Style Light	\$ 9.00	41
Light Type 30 – 100 watt MH Traditional Style Light	\$ 9.25	41
Light Type 33, 34 – 200 watt HPS Renaissance Style Light	\$ 8.25	82

\* Not Available for Installation

3. Should an agency request public streetlight service utilizing fixtures and/or poles for which no rate has been set forth in the Gainesville Code of Ordinances, the city may provide such service if the service is approved by the general manager for utilities or his/her designee, and if the agency requesting such service enters into a contract with the city specifying terms and conditions of such service. Unapproved fixtures shall be installed on metered service only.

4. Fuel Adjustment (See Sec. 27-31)



# Sec. 27-30.1 Rates - RENTAL OUTDOOR LIGHT SERVICE

# Monthly Fixture Charges for Rental Outdoor Lighting Service

1. Monthly rental charges for approved rental outdoor light fixtures (does not include underground civil infrastructure costs or pole rental charges):

intrastructure costs or pole rental charges):		
	Monthly charge	Monthly kWh
Fixture Type, Size and Description	Per Fixture	Per Fixture
Group 1 Flood Lights		
Light Type 7 – 400 watt MV Flood Light*	\$12.25	163
	\$11.75	163
Light Type 10 – 400 watt HPS Flood Light		
Light Type 12 – 250 watt HPS Flood Light	\$10.75	103
Light Type 22 – 400 watt MH Flood Light	\$12.75	163
Group 1 Luminaires		
Light Type 1 – 70 watt HPS Cutoff Light*	\$ 8.75	35
Light Type 3 - 175 watt MV Area Light*	\$ 9.00	69
Light Type 11 – 100 watt HPS Cutoff Street Light Grey	\$ 8.75	41
Light Type 13 – 100 watt HPS Area Light*	\$ 9.00	41
Light Type 14 – 150 watt HPS Cutoff Street Light Grey	\$ 9.25	66
Group 2 Luminaires		
Light Type 4 – 250 watt HPS Non Cutoff Street Light*	\$14.00	103
Light Type 5 – 400 watt MV Non Cutoff Street Light*	\$12.25	163
Light Type 6 – 400 watt HPS Non Cutoff Street Light*	\$14.50	163
Light Type 16 – 250 watt HPS Cutoff Street Light	\$11.25	103
Light Type 23 – 400 watt HPS Cutoff Street Light Grey*	\$14.25	163
Eight Type 25 400 wat fit 5 Catoff Sheet Eight Grey	$\psi_1 + \omega_0$	105
Crown 2 Lyminaina		
Group 3 Luminaires		
	<b>*</b> 10 <b>*</b>	
Light Type 24 – 400 watt HPS Cutoff Street Light Black	\$19.25	163
Light Type 31 – 250 watt HPS Cutoff Street Light Black	\$18.00	103
Light Type 32 – 150 watt HPS Cutoff Street Light Black	\$17.25	66
Group 1 Decorative Lights		
Light Type 2 – 175 watt MV Post Top Street Light Conical Style*	\$14.25	69
Light Type 15 – 150 watt HPS Bronze Decorative Shoe Box Style I		66
Light Type 19 – 100 watt HPS Post Top Street Light Conical Style	\$14.25	41
Light Type 25 – 100 watt HPS Cutoff Lantern Style Street Light*	\$15.50	41
Light Type 25 – 100 wait HPS Cutoff Lantein Style Street Light	\$15.50	41
Group 2 Decorative Lights		
Light Type 17 – 400 watt MH Round Cutoff Roadway Light Black	\$23.25	163
Light Type 26 – 100 watt HPS Granville Style Light*	\$32.25	41
Light Type 28 – 100 watt MV Pedestrian Street Light Coach Style*	\$28.25	41
Light Type 29 – 100 watt HPS Cutoff Street Light Traditional Style	\$34.25	41

(Continued on Sheet No. 6.17.1)



(Continued from Sheet No. 6.17)

\$36.50	41
\$35.50	41
\$38.75	82
\$39.50	82
	\$35.50 \$38.75

\* Not Available for Installation

2. Monthly rental charges for approved rental outdoor light fixtures for which lights are operated and maintained by the city's utilities department, and for which installation costs were borne by a customer other than the city's utilities department (does not include underground civil infrastructure costs or pole rental fees):

	Monthly charge	Monthly kWh
Fixture Type, Size and Description	Per Fixture	Per Fixture
Light Type 1 - 70 watt HPS Light	\$ 3.75	35
Light Type 13, 19, 25 - 100 watt HPS Light*	\$ 3.75	41
Light Type 11 – 100 watt HPS Light	\$ 3.75	41
Light Type 14, 15, 32 - 150 watt HPS Light	\$ 5.00	66
Light Type 2, 3 - 175 watt MV Light*	\$ 4.75	69
Light Type 4- 250 watt HPS Light*	\$ 7.50	103
Light Type 12, 16, 31 – 250 watt HPS Light	\$ 7.50	103
Light Type 5, 6, 7- 400 watt HPS Light*	\$10.75	163
Light Type 10, 17, 22, 23, 24 – 400 watt HPS Light	\$10.75	163
Light Type 26 – 100 watt Granville Style Light	\$ 7.75	41
Light Type 27 – 100 watt HPS Domus Light	\$ 5.00	41
Light Type 28 - 100 watt MV Coach Style Light	\$ 8.25	41
Light Type 29 - 100 watt HPS Traditional Style Light	\$ 9.00	41
Light Type 30 – 100 watt MH Traditional Style Light	\$ 9.25	41
Light Type 33, 34 – 200 watt HPS Renaissance Style Lig.	ht \$ 8.25	82

\* Not Available for Installation

- 3. Should a utility customer request rental outdoor light service utilitzing fixtures and/or poles for which no reate has been set forth in the Gainesville Code of Ordinances, the city may provide such service if the service is approved by the generla manager for utilities or his/her designee, and if the customer requresing such service enters into a contract with the city specifying terms and conditions of such service. Unapproved fixtures shall be installed on metered service only.
- 4. Rental Contract Termination Fee. The rates for rental outdoor lighting service include a recovery of installation charges over a sixty (60) month period. If a customer elects to terminate the five (5) year contract prior to end of the sixty (60) month period, an early termination fee of ten dollars (\$10.00) per month per light and six dollars (\$6.00) per month per pole, shall be billed to the account for each month remaining on the contract, which is less than sixty (60) months beyond first months billing of the contract.

(Continued on Sheet No. 6.17.2)



(Continued from Sheet No. 6.17.1) C. Public Streetlight poles 1. Rental charges for poles which are supporting public streetlights when required (does not include underground civil infrastructure cost) (§§ 27-29.1, 27-30.1): Monthly charge per pole Pole Description Pole Pole Group 1 \$ 7.00 P3 – 12 Foot Aluminum Pole for use with Light Type 2 and 19 \$ 7.75 P4 – 18 Foot Aluminum Pole for use with Light Type 2 and 19 P6 – 19 foot Fiberglass Pole Black for use with Light Type 25 \$ 3.50 \$ 4.00 P8 – 30 foot wood pole \$ 4.25 P12 – 35 foot wood pole Pole Group 2 \$ 6.00 P9 – 30 foot concrete pole \$ 6.25 P13 – 35 foot concrete pole \$ 4.50 P15 - 40 foot wood pole P18-45 foot wood pole \$12.25 Pole Group 3 P1 – 10 foot (direct buried) pole decorative concrete \$11.75 \$16.00 P2 - 10 foot fiberglass pole black for use with Light Type 28 P10 – 30 foot fiberglass breakaway pole grey \$14.00 P14 - 35 foot (direct buried) decorative octagonal concrete pole black \$14.75 P16 – 40 foot concrete pole \$ 8.00 \$22.25 P17 – 40 foot direct buried decorative octagonal concrete pole black \$ 8.50 P19 – 45 foot concrete pole Pole Group 4 P5 – 18 foot Domus pole black for use with Light Type 27 \$17.75 P11-30 foot aluminum pole black for use with Light Type 17 \$25.00 Pole Group 5 \$28.75 P7-26 foot steel Renaissance pole black Should a utility customer request rental outdoor light service utilitzing fixtures and/or poles for which no 1. reate has been set forth in the Gainesville Code of Ordinances, the city may provide such service if the service is approved by the generla manager for utilities or his/her designee, and if the customer requresing such service enters into a contract with the city specifying terms and conditions of such service. Unapproved fixtures shall be installed on metered service only. (Continued on Sheet No. 6.17.3)



# ELECTRIC DOCUMENTATION LEGISLATIVE FORMAT

# GAINESVILLE REGIONAL UTILITIES

# CITY OF GAINESVILLE, FLORIDA

301 S.E. 4th Avenue

P. O. Box 147117

Gainesville, Florida 32614-7117

(352) 334-3400

Submitted to Florida Public Service Commission



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Sec. 27-27 Retail Rates - GENERAL SERVICE NON-DEMAND

# AVAILABILITY [Sec. 27-27(d)]

This service is available to consumers both within and outside the corporate limits of the city.

# APPLICABILITY [Sec. 27-21]

*Non-demand.* All nonresidential electric service where a demand of fifty (50) kilowatts or greater has not been established. When a customer on this rate establishes a demand of fifty (50) kW, or greater, the appropriate demand rate will be applied for the current billing month plus a minimum of eleven (11) succeeding billing months. All energy supplied shall be through a single meter and a single point of delivery. During the period beginning May 15 and ending October 15 each year, customers with an established billing demand of 50 kilowatts or greater may enter into an agreement for service under this schedule if their maximum demand established during peak periods does not exceed a demand of 49 kilowatts anytime within twelve (12) consecutive billing months. Peak periods are defined in Appendix A, UTILITIES, Subsection (1)f1(ii)(B), Residential Service, Time-of-Use Rate. General service demand customers who wish to enter into an agreement for service under this schedule by metering demand during peak periods will pay a one time meter installation charge of \$200.00.

# METER INSTALLATION CHARGE [Appendix A, UTILITIES, (1)d]

General Service, Time-of-Demand meter installation (§27-21) ......\$200.00

# CHARACTER OF SERVICE [Sec. 27-21]

*Service*. The term "service" shall include in addition to all electric energy required by consumer the readiness and ability on the part of the city to furnish electric energy to the consumer; thus, the maintenance by the city at the point of delivery of approximately the agreed voltage and frequency shall constitute the rendering of service irrespective of whether consumer makes any use thereof.

# LIMITATIONS OF SERVICE

See "Resale of Electricity Prohibited" on Sheet 4.8.

# RATE [Appendix A, UTILITIES, (1)g1(i)]

*Base Rate.* The rates to be charged and collected for electric energy furnished by the city to consumers for general service, non-demand are hereby fixed as follows:

(A)	Customer charge, per month	\$ <del>15.18</del> <u>16.00</u>
(B)	First 1,500 kilowatt hours per month, per kWh	
	Generation charge, taxable fuel	\$ <del>0.02565</del> <u>0.0065</u>
	Generation charge, non-fuel	\$0.0256
	Transmission charge	\$0.00187 <u>0.0018</u>
	Distribution charge	\$ <del>0.02796</del> 0.0281
	Total charge, per kWh	\$ <del>0.05548<u>0.0620</u></del>

(Continued on Sheet No. 6.1.1)



(Continued from Sheet No. 6.1)

(C)	All kWh per month, over 1,500, per kWh	
	Generation charge. taxable fuel	<u></u> \$ <del>0.03321<u>0.0065</u></del>
	Generation charge, non-fuel	\$0.0339
	Transmission charge	\$ <del>0.00242<u>0.0024</u></del>
	Distribution charge	\$ <del>0.03620<u>0.0372</u></del>
	Total charge, per kWh	\$ <del>0.07183</del> <u>0.0800</u>

# MINIMUM CHARGE [Appendix A, UTILITIES, (1)g1(i)(C)]

Minimum Monthly Bill. The minimum monthly bill shall be equal to the customer charge.

# BILLING TERMS

All bills rendered will express charges in terms of total charges per kWh.

# TERMS OF PAYMENT

See "Utility Service-Application; Period of Service; Transfer of Service; Authority to Determine Type of Service; Withholding Service for Prior indebtedness" on Sheet 4.2 and "Combined Statements-Rendering; Information; Date Payable; Delinquencies; Penalties" on Sheet 4.5.

# FUEL ADJUSTMENT

See "Fuel Adjustment Clause" beginning on Sheet No. 6.14.

# SURCHARGE [Sec. 27-27(c)]

Surcharge for consumers outside the City limits. The rates to be charged and collected by the city for electric energy furnished by the city outside of its corporate limits to consumers of retail electric service shell be the base rates as set for above, plus a surcharge equal the amount of the city utility tax charged consumers inside the city limits; provided, however, that the United State of America, the State of Florida, and all political subdivisions, agencies, boards, commissions, and instrumentalities thereof and all recognized places of religious assembly of the State of Florida are exempt from the payment of the surcharge imposed and levied thereby.

# GROSS RECEIPTS TAX RECOVERY

See "Gross receipts Tax Recovery" on Sheet No. 6.15.

(Continued on Sheet No. 6.1.2)



Sec 27-27 Retail Rates – GENERAL SERVICE DEMAND

# AVAILABILITY [Sec. 27-27(d)]

This service is available to consumers both within and outside the corporate limits of the city.

# APPLICABILITY [Sec. 27-21]

*Demand.* All nonresidential electric service with an established billing demand of fifty (50) but less than one thousand (1,000) kilowatts per month. Customers in this rate will be changed to the no-demand rate of the current billing month at such time as their billing demand has been below fifty (50) kW for twelve (12) consecutive billing months following the effective date of this subsection. Customers with a demand of 50 kW or less may enter an agreement for service under this schedule. All energy supplied shall be through a single meter and a single point of delivery.

# CHARACTER OF SERVICE [Sec. 27-21]

*Service*. The term "service" shall include in addition to all electric energy required by consumer the readiness and ability on the part of the city to furnish electric energy to the consumer; thus, the maintenance by the city at the point of delivery of approximately the agreed voltage and frequency shall constitute the rendering of service irrespective of whether consumer makes any use thereof.

#### LIMITATION OF SERVICE

See "Resale of Electricity Prohibited" on Sheet 4.8.

# RATE [Appendix A, UTILITIES, (1)g1(ii)]

*Base Rate.* The rates to be charged and collected for electric energy furnished by the city to consumers by general service demand are hereby fixed as follows:

<ul><li>(B) Demand Charge:</li><li>I. No discounts, per kW, per month</li></ul>	
Generation charge	\$ <del>1.973</del> 3.77
Transmission charge	\$ <del>0.922<u>0.69</u></del>
Distribution charge	\$4 <del>.665<u>4.54</u></del>
Total charge, per kW	\$ <del>7.560</del> 9.00
<ul> <li>II. With primary metering discount, per kW, per mo Generation charge Transmission charge Distribution charge</li> <li>Total charge, per kW</li> </ul>	\$ <del>1.973<u>3.77</u> \$0.922<u>0.69</u></del>

(A) Customer Charge, per month......\$30.9233.00

(Continued on Sheet 6.3.1)



(Continued from Sheet No. 6.3)	
<ul> <li>III. With primary service discount, per kW, per month Generation charge</li></ul>	emand shall be integrated
I. No discounts, per kWh, per month Generation charge, taxable fuel Generation charge, non-fuel \$0.0177 Transmission charge	\$ <del>0.02194<u>0.0065</u></del>
0.0290 II. With primary metering discount, per kW, per month Generation charge, taxable fuel	\$ <del>0.02194<u>0.00650</u></del>

# MINIMUM CHARGE [Appendix A, UTILITIES, (1)g1(ii)(E)]

*Minimum monthly bill.* The minimum monthly bill shall be equal to the monthly customer charge plus thirty-five (35) times the demand charge. For those customers with an established demand of less than 50 kW who have entered into an agreement for service under this schedule, the minimum monthly bill shall be equal to the monthly customer charge plus 35 times the demand charge.

# **BILLING TERMS**

All bills rendered will express charges in terms of total charges per kWh or kW.

# TERMS OF PAYMENT

See "Utility Service-Application; Period of Service; Transfer of Service; Authority to Determine Type of Service; Withholding Service for Prior indebtedness" on Sheet 4.2 and "Combined Statements-Rendering; Information; Date Payable; Delinquencies; Penalties" on Sheet 4.5.

(Continued on Sheet 6.3.2)



# Sec. 27-27 Retail Rates - RESIDENTIAL SERVICE (Non-Time Differentiated)

# AVAILABILITY [Sec. 27-27(d)]

This service is available to consumers both within and outside the corporate limits of the city.

# APPLICABILITY [Sec. 27-21]

*Residential Service.* Service to a single living unit located in a single-family or multiple-family dwelling or a living unit consisting of a sorority, fraternity, cooperative housing unit of a college or university or other non-profit group living unit. A living unit shall be a place where people reside on a non-transient basis containing a room or rooms comprising the essential elements of a single housekeeping unit. Each separate facility for the preparation, storage and keeping of food for consumption within the premises shall cause a housekeeping unit to be construed as a single living unit. All energy supplied shall be through a single meter at a single point of delivery.

# CHARACTER OF SERVICE [Sec. 27-21]

*Service*. The term "service" shall include in addition to all electric energy required by consumer the readiness and ability on the part of the city to furnish electric energy to the consumer; thus, the maintenance by the city at the point of delivery of approximately the agreed voltage and frequency shall constitute the rendering of service irrespective of whether consumer makes any use thereof.

# LIMITATION OF SERVICE

See "Resale of Electricity Prohibited" on Sheet 4.8.

#### RATE [Appendix A, UTILITIES, (1)g1(ii)]

*Base Rate.* The rates to be charged and collected for electric energy furnished by the city to consumers by residential service are hereby fixed as follows:

(i) Non-Time-Differentiated Rate. All residential customers may elect service at this rate:

- (A) Customer charge, per month...... \$5.175.54
- (B) kiloWatt-hour usage from 0-250 kWh, per kWh

(D) Mie waa near ubage nom e 200 k wii, per k wii		
Generation charge. taxable fuel	<del></del>	\$ <del>0.01166<u>0.0065</u></del>
Generation charge, non-fuel	\$0.0089	
Transmission charge	\$ <del>0.00082</del> 0.0006	
Distribution charge	\$ <del>0.01152</del> 0.0090	
Total charge, per kWh		
(C) kiloWatt-hour usage from 251-750 kWh, per kWh		
Generation charge, taxable fuel		
\$ <u>0.028170.0065</u>		
Generation charge, non-fuel	\$0.0281	
Transmission charge	\$ <del>0.00199</del> 0.0020	
Distribution charge	\$ <del>0.0278</del> 4 <u>0.0284</u>	
Total charge, per kWh	\$ <del>0.05800<u>0.0650</u></del>	

(Continued on Sheet No. 6.5.1)



(Continued from Sheet No. 6.5)

(C) kiloWatt-hour usage greater than 750 kWh, per kWh		
Generation charge. taxable fuel		-\$ <del>0.04031<u>0.0065</u></del>
Generation charge, non-fuel	. \$0.0436	
Transmission charge	. \$ <del>0.00285<u>0.0030</u></del>	
Distribution charge	\$ <del>0.03984<u>0.0439</u></del>	
Total charge, per kWh	\$ <del>0.08300<u>0.</u></del>	<u>0970</u>

# MINIMUM CHARGE [Appendix A, UTILITIES, (1)g1(i)(C)]

Minimum Monthly Bill. The minimum monthly bill shall be equal to the customer charge.

# **BILLING TERMS**

All bills rendered will express charges in terms of total charges per kWh.

# TERMS OF PAYMENT

See "Utility Service-Application; Period of Service; Transfer of Service; Authority to Determine Type of Service; Withholding Service for Prior indebtedness" on Sheet 4.2 and "Combined Statements-Rendering; Information; Date Payable; Delinquencies; Penalties" on Sheet 4.5.

# FUEL ADJUSTMENT

See "Fuel Adjustment Clause" beginning on Sheet No. 6.14.

# SURCHARGE [Sec. 27-27(c)]

Surcharge for consumers outside the City limits. The rates to be charged and collected by the city for electric energy furnished by the city outside of its corporate limits to consumers of retail electric service shell be the base rates as set for above, plus a surcharge equal the amount of the city utility tax charged consumers inside the city limits; provided, however, that the United State of America, the State of Florida, and all political subdivisions, agencies, boards, commissions, and instrumentalities thereof and all recognized places of religious assembly of the State of Florida are exempt from the payment of the surcharge imposed and levied thereby.

# GROSS RECEIPTS TAX RECOVERY

See "Gross receipts Tax Recovery" on Sheet No. 6.15.

(Continued on Sheet No. 6.5.2)



# Sec. 27-27 Retail Rates -- RESIDENTIAL SERVICE (Optional Time-of-Use)

# AVAILABILITY [Sec. 27-27(d)]

This service is available to consumers both within and outside the corporate limits of the city.

# APPLICABILITY [Sec. 27-21]

*Residential Service.* Service to a single living unit located in a single-family, detached, permanent dwelling both owned and occupied by the applicant. A living unit shall be a place where people reside on a non-transient basis containing a room or rooms comprising the essential elements of a single housekeeping unit. Each separate facility for the preparation, storage and keeping of food for consumption within the premises shall cause a housekeeping unit to be construed as a single living unit. All energy supplied shall be through a single meter at a single point of delivery.

# CHARACTER OF SERVICE [Sec. 27-21]

*Service*. The term "service" shall include in addition to all electric energy required by consumer the readiness and ability on the part of the city to furnish electric energy to the consumer; thus, the maintenance by the city at the point of delivery of approximately the agreed voltage and frequency shall constitute the rendering of service irrespective of whether consumer makes any use thereof.

# LIMITATIONS OF SERVICE

See "Resale of Electricity Prohibited" on Sheet 4.8.

# RATES [Appendix A, UTILITIES, (1)f1]

*Base rate.* The rates to be charged and collected for electric energy furnished by the city to consumers for residential service are hereby fixed as follows:

(ii) *Time-of-use base rate*. All residential customers may elect service at this rate, except that the city may, at its option, limit the number of customers and type of residences which will be served at this rate.

\*Note: This time-of-use rate customer charge includes a base customer charge of  $\frac{5.175.55}{3.583.81}$  per month time-of-use meter charge.

(B) Energy Charge

All Energy Used On-Peak, per kWh...... \*\$0.102750.110 per kWh All Energy Used Off-Peak, per kWh ....... \*\$0.032270.035 per kWh \*Note: To calculate the true ratio of on-peak to off-peak energy costs, the fuel adjustment per kWh should be added to the above-stated energy charges. Peak periods shall be as follows:

(Continued on Sheet No. 6.56.1)



Sec. 27-27 Retail Rates - LARGE POWER SERVICE

# AVAILABILITY [Sec 27-27(d)]

This service is available to consumers both withing and outside the corporate limits of the city.

# APPLICABILITY [Sec. 27-21]

*Large Power Service.* All nonresidential electric service with an established billing demand of one thousand (1,000) kilowatts per month or over. Customers in this rate will be changed to the applicable general service rate for the current billing month at such time as their <u>12-month rolling average</u> billing demand <u>falls has</u> been below one thousand (1,000) kW<sub>2</sub>. for twelve (12) consecutive billing months. All energy supplied shall be through a single meter and a single point of delivery.

# CHARACTER OF SERVICE [Sec. 27-21]

*Service*. The term "service" shall include in addition to all electric energy required by consumer the readiness and ability on the part of the city to furnish electric energy to the consumer; thus, the maintenance by the city at the point of delivery of approximately the agreed voltage and frequency shall constitute the rendering of service irrespective of whether consumer makes any use thereof.

# LIMITATION OF SERVICE

See "Resale of Electricity Prohibited" on Sheet 4.8.

# RATE [Appendix A, UTILITIES, (1)h1]

*Base Rate.* The rates to be charged and collected for electric energy furnished by the city to consumers by large power service are hereby fixed as follows:

- (A) Customer Charge, per month......\$245.05265.00
- (C) Demand Charge:

/	2 viniana vina Bv.	
	I. No discounts, per kW, per month	
	Generation charge	\$ <del>2.025</del> <u>3.95</u>
	Transmission charge	\$ <del>0.864<u>0.66</u></del>
	Distribution charge	.\$ <u>4.1914.39</u>
	Total charge, per kW	
	II. With primary metering discount, per kW, per mo	
	Generation charge	\$ <u>2.0253.95</u>
	Transmission charge	\$0.864 <u>0.66</u>
	Distribution charge	
	Total charge, per kW	

(Continued on Sheet 6.7.1)



(Continued from Sheet No. 6.7)

III. With primary service discount, per kW, per month	
Generation charge	\$ <del>2.025</del> <u>3.95</u>
Transmission charge	\$ <del>0.864<u>0.66</u></del>
Distribution charge	\$ <del>4.041<u>4.24</u></del>
Total charge, per kW	\$ <del>6.930</del> 8.85
IV. With primary metering and service discount, per kW, per month	
Generation charge	\$ <del>2.025</del> 3.950
Transmission charge	\$ <del>0.864<u>0.660</u></del>
Distribution charge	\$ <del>3.900<u>4.063</u></del>
Total charge, per kW	\$ <del>6.789<u>8.673</u></del>

The billing demand is the highest demand established during the month. The demand shall be integrated over a thirty (30) minute period.

# (C) Energy Charge:

I. No discounts, per kWh, per month Generation charge <u>, taxable fuel</u> \$0.022100.0065		
Generation charge, non-fuel	\$0.0053	
Transmission charge	\$0.000670.0020	
Distribution charge	\$ <del>0.00320</del> 0.0132	
Total charge, per kWh	\$0.02597 <u>0.0270</u>	
II. With primary metering discount, per kW, per month Generation charge, taxable fuel		
Generation charge, non-fuel	\$0.00530	
Transmission charge	\$0.00067 <u>0.00200</u>	
Distribution charge	\$ <del>0.00268</del> 0.01266	
Total charge, per kWh	\$ <del>0.02545<u>0.02646</u></del>	

# MINIMUM CHARGE [Appendix A, UTILITIES, (1)g1(ii)(E)]

*Minimum monthly bill*. The minimum monthly bill shall be equal to the monthly customer charge plus seven hundred (700) times the demand charge.

# BILLING TERMS

All bills rendered will express charges in terms of total charges per kWh or kW.

#### TERMS OF PAYMENT

See "Utility Service-Application; Period of Service; Transfer of Service; Authority to Determine Type of Service; Withholding Service for Prior indebtedness" on Sheet 4.2 and "Combined Statements-Rendering; Information; Date Payable; Delinquencies; Penalties" on Sheet 4.5.

(Continued on Sheet 6.7.2)



# Reserved for Future Use

Sec. 27-27 Retail Rates - DISTRIBUTED RESOURCES CREDIT RATE:

1. General Provision.

(A) Applicable only to electric customers of the utility

(i) Distributed Resource(s) of less than or equal to 10 kW, kWh to be credited at prevailing generation component of the General Service Demand Energy charge (§27-27(g).1(c) plus the prevailing retail fuel adjustment (See section 27-28).

(ii) Distributed Resource(s) greater than 10kW, kWh to be credited at avoided cost as negotiated by contract.



#### GAINESVILLE REGIONAL UTILITIES P. O. BOX 147117, STATION A136 GAINESVILLE, FL 32614-7117

# Sec. 27-29.1 Rates--PUBLIC STREETLIGHT SERVICE

# AVAILABILITY [Sec. 27-32].

The city will provide public streetlight and rental outdoor light service to any customer requesting such service pursuant to Section 27-29 and Section 27-30 of the Gainesville Code of Ordinances at the rates set forth in Appendix A; except that facilities provided at such rates shall include the fixture, the usual and customary fixture bracket and one (1) span of overhead secondary conductor. If non-customary facilities or installations are initiated by the utility, the utility shall pay the actual cost of such facilities or installations. If the customer requests or requires non-customary facilities or installations, the customer shall pay the actual cost of such facilities or installations.

# APPLICABILITY [Sec. 27-29].

(a) *Definition*. For purposes of this section, public streetlights are defined as lights installed along public thoroughfares.

(b) Service within corporate limits. A request for installation of public streetlights shall be addressed to the city manager or his/her designee, who shall determine, based upon considerations of public city welfare and availability of funds, if the installation should be made. If the city manager or his/her designee determines that such installation shall be made, the city manager or his/her designee shall authorize, by written instruction, the general manager for utilities or his/her designee to make such installation. All costs of installing, operating and maintaining the public streetlight system within the corporate limits shall be paid by the city's general government department. Ownership of the public streetlight system shall reside with the city's utilities department. The city's utilities department shall be reimbursed by the appropriate governmental agency for costs incurred in providing public streetlights according to the schedule set out in Appendix A.

(c) Service outside corporate limits. A request for installation of public streetlights outside the corporate limits of the city shall be addressed to the county engineer or other designated government official, who shall determine, based upon consideration of public safety, welfare and availability of funds, if the installation should be made. If the county engineer determines that such installation shall be made, the county engineer shall authorize, by written instruction, the general manager for utilities or his/her designee to make such installation. All such installations shall be within the service area of the electric utilities system. All costs in installing, operating and maintaining the public streetlight system outside the corporate limits shall be paid by the local government which has authorized the provision of such public streetlight services. Ownership of the public streetlighting system shall reside with the city's utilities department.

# RATES [Appendix A, UTILITIES, (1)j]

Monthly fixture charge for Public Streetlights. The city shall operate and maintain all public streetlights both within and outside the corporate limits of the city. The city's utilities department shall be reimbursed by the appropriate governmental agency for costs incurred according to the following schedules:

1. Monthly rental charges for approved public streetlight fixtures (does not include underground civil infrastructure or pole rental fees):

.....

(Continued on Sheet 6.16.1)



*GAINESVILLE REGIONAL UTILITIES P. O. BOX 147117, STATION A136 GAINESVILLE. FL 32614-7117* 

(Continued from Sheet No. 6.16)

Fixture Type, Size and Description	onthly charge Per Fixture	Monthly kWh Per Fixture
Group 1 Flood Lights	<b>*</b> • • <b>*</b> •	
Light Type 7 – 400 watt MV Flood Light*	\$10.75	163
Light Type 10 – 400 watt HPS Flood Light	\$10.25	163
Light Type 12 – 250 watt HPS Flood Light	\$ 9.00	103
Light Type 22 – 400 watt MH Flood Light	\$12.75	163
<ul> <li>Group 2 Flood Lights</li> <li>Light Type 9 1000 watt MV Flood Light *</li> </ul>	¢14.05	271
	\$14.25	
Group 1 Luminaires		
Light Type 1 – 70 watt HPS Cutoff Light*	\$ 7.25	35
Light Type 3 - 175 watt MV Area Light*	\$ 7.50	69
Light Type 11 – 100 watt HPS Cutoff Street Light Grey	\$ 7.25	41
Light Type 13 – 100 watt HPS Area Light*	\$ 7.50	41
Light Type 14 – 150 watt HPS Cutoff Street Light Grey	\$ 7.75	66
Group 2 Luminaires		
Light Type 4 – 250 watt HPS Non Cutoff Street Light*	\$11.25	103
Light Type 5 – 400 watt MV Non Cutoff Street Light*	\$11.25	163
Light Type 6 – 400 watt HPS Non Cutoff Street Light*	\$11.25	163
Light Type 16 – 250 watt HPS Cutoff Street Light	\$ 9.50	103
Light Type 23 – 400 watt HPS Cutoff Street Light Grey*	\$11.00	163
Group 3 Luminaires		
Light Type 8 1000 watt MV Non Cutoff Street Light*		<del>374</del>
Light Type 24 – 400 watt HPS Cutoff Street Light Black	\$16.75	163
Light Type 31 – 250 watt HPS Cutoff Street Light Black	\$15.50	103
Light Type 32 – 150 watt HPS Cutoff Street Light Black	\$15.00	66
Group 1 Decorative Lights		
Light Type 2 – 175 watt MV Post Top Street Light Conical Style*	\$12.50	69
Light Type 15 – 150 watt HPS Bronze Decorative Shoe Box Style L		66
Light Type 19 – 100 watt HPS Post Top Street Light Conical Style	\$12.50	41
Light Type 25 – 100 watt HPS Cutoff Lantern Style Street Light*	\$13.50	41
Group 2 Decorative Lights		
Light Type 17 – 400 watt MH Round Cutoff Roadway Light Black	\$21.75	163
Light Type 26 – 100 watt HPS Granville Style Light*	\$27.75	41
Light Type 28 – 100 watt MV Pedestrian Street Light Coach Style*	\$31.50	41
Light Type 29 – 100 watt HPS Cutoff Street Light Traditional Style	\$29.75	41
Group 3 Decorative Lights		
Light Type 27 – 100 watt HPS Domus Style Light	\$31.50	41
Light Type 30 – 100 watt MH Cutoff Street Light Traditional Style	\$31.30	41
Light Type 33 – 200 watt HPS Renaissance II Style Light	\$30.75 \$33.50	41 82
Light Type 33 – 200 watt HPS Renaissance IV Style Light	\$33.30 \$34.25	82 82
*Not Available for Installation		

(Continued on Sheet No. 6.16.2)



*GAINESVILLE REGIONAL UTILITIES* P. O. BOX 147117, STATION A136 *GAINESVILLE. FL* 32614-7117

(Continued from Sheet No. 6.16.1)

Group 1 Fluorescent Lights

or oup i i mor or on a give			
Light Type 18 13 watt Fluorescent 2	Globe Fixture*	\$ 4.50	6
		Ψ 4.50	
Light Type 20 13 watt Fluorescent 4	Globe Fixture*	<del>\$ 8.75</del>	
0 1			U
Light-Type 21 13 watt Fluorescent 5	Globe Fixture*	<u>\$10.75</u>	<u>f</u>
	Globe I mildre	Q. 0170	0

\*Not-Available for Installation

2. Monthly rental charges for approved public streetlight fixtures for which lights are operated and maintained by the city's utilities department, and for which installation costs were borne by a government agency other than the city's utilities department (does not include underground civil infrastructure costs or pole rental fees):

Fixture size and type	Monthly charge per fixture	Month per fix	nly kWh <u>«ture</u>
Light Type 18 – 13 watt 2 Globe Fluorescent Fixture	\$-6.5(	)	6
Light Type 20 – 13 watt 4 Globe Fluorescent Fixture	\$11.00	)	6
Light Type 21 – 13 watt 5 Globe Fluorescent Fixture	\$21.75	<u>.</u>	6
Light Type 1 - 70 watt HPS Light	\$ 3.75	35	
Light Type <del>11,</del> 13, 19, 25 - 100 watt HPS Light*	\$ 3.75	41	
Light Type 11 – 100 watt HPS Light	\$ 3.75	41	
Light Type 14, 15, 32 - 150 watt HPS Light	\$ 5.00	66	
Light Type 2, 3 - 175 watt MV Light	\$ 4.75	69	
Light Type 4 <del>, 12, 16, 31 -</del> 250 watt HPS Light <u>*</u>	\$ 7.50	103	
Light Type 12, 16, 31 – 250 watt HPS Light	<u>\$ 7.50</u>	103	
Light Type 5, 6, 7 <del>, 10, 17, 22, 23, 24</del> - 400 watt HPS Light <u>*</u>	\$10.75	163	
Light Type 10, 17, 22, 23, 24 - 400 watt HPS Light	\$10.75	163	
Light Type 8, 9 – 1000 watt MV Light	\$22.50	)	374
Light Type 26 – 100 watt Granville Style Light	\$ 5.00	41	
Light Type 28 - 100 watt MV Coach Style Light <u>*</u>	\$ 8.25	41	
Light Type 29 - 100 watt HPS Traditional Style Light	\$ 9.00	41	
Light Type 30 – 100 watt MH Traditional Style Light	\$ 9.25	41	
Light Type 33, 34 – 200 watt HPS Renaissance Style Light	\$ 8.25	82	

\* Not Available for Installation

3. Should an agency request public streetlight service utilizing fixtures and/or poles for which no rate has been set forth in the Gainesville Code of Ordinances, the city may provide such service if the service is approved by the general manager for utilities or his/her designee, and if the agency requesting such service enters into a contract with the city specifying terms and conditions of such service. Unapproved fixtures shall be installed on metered service only.

4. Fuel Adjustment (See Sec. 27-31)



GAINESVILLE REGIONAL UTILITIES P. O. BOX 147117, STATION A136 GAINESVILLE, FL 32614-7117

## RENTAL CHARGES FOR POLES [Appendix A, UTILITIES, (1)m]

Rental charges for poles installed by the city's utilities department for the purpose of supporting public streetlights and rental outdoor lights when required, including poles installed by the city's utilities department to replace poles for which installation costs were borne initially by a customer or by an agency other than the city's utilities department:

	-Monthly charge
<u>Type</u>	<u> </u>
20-foot fiberglass	<del> \$2.97</del>
30-foot wood	<del> 3.39</del>
30-foot concrete	<del> 5.22</del>
30-foot fiberglass	<del> 19<i>.</i>9</del> 4
35-foot wood	3.76
35-foot concrete	<del> 5.42</del>
40-foot wood	4.01
40-foot concrete	<del>7.12</del>
45-foot concrete	<del> 7.59</del>

# FUEL ADJUSTMENT [Sec. 27-31]

The fuel adjustment in Section 27-28 shall be applied to public streetlight and rental outdoor light services based on the estimated average energy use per fixture according to the following schedule:

Type	Average monthly energy use (kilowatt-hours)
50 watt	<del>34</del>
150 watt	
250 watt	



# Sec. 27-30.1 Rates - RENTAL OUTDOOR LIGHT SERVICE

# Monthly Fixture Charges for Rental Outdoor Lighting Service

1. Monthly rental charges for approved rental outdoor light fixtures (does not include underground civil infrastructure costs or pole rental charges):

	Monthly charge	Monthly kWh
Fixture Type, Size and Description	<u>Per Fixture</u>	Per Fixture
Group 1 Flood Lights	<b>\$10.05</b>	
Light Type 7 – 400 watt MV Flood Light*	\$12.25	163
Light Type 10 – 400 watt HPS Flood Light	\$11.75	163
Light Type 12 – 250 watt HPS Flood Light	\$10.75	103
Light Type 22 – 400 watt MH Flood Light	\$12.75	163
-Group 2 Flood Lights		
Light Type 9 1000 watt MV Flood Light *	\$16.00	
Group 1 Luminaires		
Light Type 1 – 70 watt HPS Cutoff Light*	\$ 8.75	35
Light Type 3 - 175 watt MV Area Light*	\$ 9.00	69
Light Type 11 – 100 watt HPS Cutoff Street Light Grey	\$ 8.75	41
Light Type 13 – 100 watt HPS Area Light*	\$ 9.00	41
Light Type 14 – 150 watt HPS Cutoff Street Light Grey	\$ 9.25	66
Group 2 Luminaires		
Light Type 4 – 250 watt HPS Non Cutoff Street Light*	\$14.00	103
Light Type 5 – 400 watt MV Non Cutoff Street Light*	\$12.25	163
Light Type 6 – 400 watt HPS Non Cutoff Street Light*	\$14.50	163
Light Type 16 – 250 watt HPS Cutoff Street Light	\$11.25	103
Light Type 23 – 400 watt HPS Cutoff Street Light Grey*	\$14.25	163
Group 3 Luminaires		
Light Type 8 1000 watt MV Non Cutoff Street Light*	<u>\$16.75</u>	
Light Type 24 – 400 watt HPS Cutoff Street Light Black	\$19.25	163
Light Type 31 – 250 watt HPS Cutoff Street Light Black	\$18.00	103
Light Type 32 – 150 watt HPS Cutoff Street Light Black	\$17.25	66
Group 1 Decorative Lights		
Light Type 2 – 175 watt MV Post Top Street Light Conical Style*	\$14.25	69
Light Type 15 – 150 watt HPS Bronze Decorative Shoe Box Style Light		66
Light Type 19 – 100 watt HPS Post Top Street Light Conical Style	\$14.25	41
Light Type 25 – 100 watt HPS Cutoff Lantern Style Street Light*	\$15.50	
Light Type 25 – 100 wait HPS Cutoff Lantern Style Street Light	\$15.50	41
Group 2 Decorative Lights		
Light Type 17 – 400 watt MH Round Cutoff Roadway Light Black	\$23.25	163
Light Type 26 – 100 watt HPS Granville Style Light*	\$32.25	41
Light Type 28 – 100 watt MV Pedestrian Street Light Coach Style*	\$28.25	41
Light Type 29 – 100 watt HPS Cutoff Street Light Traditional Style	\$34.25	41

(Continued on Sheet No. 6.17.1)



*GAINESVILLE REGIONAL UTILITIES P. O. BOX 147117, STATION A136 GAINESVILLE, FL 32614-7117* 

(Continued from Sheet No. 6.17)

Group 3 Decorative Lights		
Light Type 27 – 100 watt HPS Domus Style Light	\$36.50	41
Light Type 30 – 100 watt MH Cutoff Street Light Traditional Style	\$35.50	41
Light Type 33 – 200 watt HPS Renaissance II Style Light	\$38.75	82
Light Type 34 – 200 watt HPS Renaissance IV Style Light	\$39.50	82
<ul> <li>Group 1 Fluorescent Lights</li> </ul>		
— Light Type 18 13 watt Fluorescent 2 Globe Fixture*	\$ 4.50	6
— Light Type 20 13 watt Fluorescent 4 Globe Fixture*		6
— Light Type 21 13 watt Fluorescent 5 Globe Fixture*	\$10.75	6

\* Not Available for Installation

2. Monthly rental charges for approved rental outdoor light fixtures for which lights are operated and maintained by the city's utilities department, and for which installation costs were borne by a customer other than the city's utilities department (does not include underground civil infrastructure costs or pole rental fees):

	Monthly charge	Monthly k	Wh
Fixture Type, Size and Description	Per Fixture	Per Fixt	ure
————————————————————————————————————	ture \$ (	6.50	6
————————————————————————————————————	ture \$1	1.00	6
————————————————————————————————————	ture \$2	1.75	6
Light Type 1 - 70 watt HPS Light	\$ 3.75	35	
Light Type-11, 13, 19, 25 - 100 watt HPS Light <u>*</u>	\$ 3.75	41	
Light Type 11 – 100 watt HPS Light	\$ 3.75	41	
Light Type 14, 15, 32 - 150 watt HPS Light	\$ 5.00	66	
Light Type 2, 3 - 175 watt MV Light*	\$ 4.75	69	
Light Type 4 <del>, 12, 16, 31 -</del> 250 watt HPS Light <u>*</u>	\$ 7.50	103	
Light Type 12, 16, 31 – 250 watt HPS Light	\$ 7.50	103	
Light Type 5, 6, 7 <del>, 10 , 17, 22, 23, 24 -</del> 400 watt HPS Lig	sht <u>*</u> \$10.75	163	
Light Type 10, 17, 22, 23, 24 – 400 watt HPS Light	\$10.75	163	
Light Type 8, 9 - 1000 watt MV Light		2.50	
Light Type 26 – 100 watt Granville Style Light	\$ 7.75	41	
Light Type 27 – 100 watt HPS Domus Light	\$ 5.00	41	
Light Type 28 - 100 watt MV Coach Style Light	\$ 8.25	41	
Light Type 29 - 100 watt HPS Traditional Style Light	\$ 9.00	41	
Light Type 30 – 100 watt MH Traditional Style Light	\$ 9.25	41	
Light Type 33, 34 – 200 watt HPS Renaissance Style Light	nt \$ 8.25	82	

\* Not Available for Installation

- 3. Should a utility customer request rental outdoor light service utilitzing fixtures and/or poles for which no reate has been set forth in the Gainesville Code of Ordinances, the city may provide such service if the service is approved by the generla manager for utilities or his/her designee, and if the customer requesing such service enters into a contract with the city specifying terms and conditions of such service. Unapproved fixtures shall be installed on metered service only.
- 4. Rental Contract Termination Fee. The rates for rental outdoor lighting service include a recovery of installation charges over a sixty (60) month period. If a customer elects to terminate the five (5) year contract prior to end of the sixty (60) month period, an early termination fee of ten dollars (\$10.00) per month per light and six dollars (\$6.00) per month per pole, shall be billed to the account for each month remaining on the contract, which is less than sixty (60) months beyond first months billing of the contract.

(Continued on Sheet No. 6.17.2)



### GAINESVILLE REGIONAL UTILITIES P. O. BOX 147117, STATION A136 GAINESVILLE. FL 32614-7117

(Continued from Sheet No. 6.17.1) C. Public Streetlight poles 1. Rental charges for poles which are supporting public streetlights when required (does not include underground civil infrastructure cost) (§§ 27-29.1, 27-30.1): Monthly charge Pole Description per pole Pole Pole Group 1 P3 – 12 Foot Aluminum Pole for use with Light Type 2 and 19 \$ 7.00 P4-18 Foot Aluminum Pole for use with Light Type 2 and 19 \$ 7.75 P6-19 foot Fiberglass Pole Black for use with Light Type 25 \$ 3.50 P8 - 30 foot wood pole \$ 4.00 P12 – 35 foot wood pole \$ 4.25 Pole Group 2 \$ 6.00 P9 - 30 foot concrete pole P13 – 35 foot concrete pole \$ 6.25 P15 – 40 foot wood pole \$ 4.50 P18 – 45 foot wood pole \$12.25 Pole Group 3 P1 – 10 foot (direct buried) pole decorative concrete \$11.75 P2 - 10 foot fiberglass pole black for use with Light Type 28 \$16.00 P10 – 30 foot fiberglass breakaway pole grey \$14.00 P14 – 35 foot (direct buried) decorative octagonal concrete pole black \$14.75 P16 – 40 foot concrete pole \$ 8.00 P17 – 40 foot direct buried decorative octagonal concrete pole black \$22.25 P19 – 45 foot concrete pole \$ 8.50 P20 12 foot Aluminum pole black for use with light type 18, 20, 21 \$12.75 Pole Group 4 P5 – 18 foot Domus pole black for use with Light Type 27 \$17.75 P11-30 foot aluminum pole black for use with Light Type 17 \$25.00 Pole Group 5 P7-26 foot steel Renaissance pole black \$28.75 Should a utility customer request rental outdoor light service utilitzing fixtures and/or poles for which no 1. reate has been set forth in the Gainesville Code of Ordinances, the city may provide such service if the service is approved by the general manager for utilities or his/her designee, and if the customer requresing such service enters into a contract with the city specifying terms and conditions of such service. Unapproved fixtures shall be installed on metered service only. (Continued on Sheet No. 6.17.3)



# **ELECTRIC COST OF SERVICE STUDY** FY 2006

Strategic Planning Department

April 25, 2007

# TABLE 1

# FUNCTIONAL ALLOCATION OF CAPITAL INVESTMENT

Category	Capital Investment <sup>/1/</sup>	Percent <sup>[2]</sup>
Power Production	\$175,575,064	49.02%
Transmission	10,784,484	3.01%
Distribution Substations	17,193,450	4.80%
Primary Line	60,027,239	16.76%
Secondary Line	32,603,922	9.10%
Line Transformers	28,111,688	7.85%
Electric Service	9,349,076	2.61%
Meters	6,945,740	1.94%
Customer Accounts	3,611,153	1.01%
Rental Lights	7,666,777	2.14%
Street Lights	6,311,821	1.76%
TOTAL	\$358,180,415	100.00%

## NOTES:

[1] See Worktables 1 and 2.

[2] Percent of total Capital Investment.

2006 electric COS.xls

## TABLE 2

## SUMMARY OF FISCAL YEAR 2006 FUNCTIONAL EXPENSES

	Operating	Non-Operating	Revenue		Miscellaneous	Net Cost
Category	Expenses <sup>[1]</sup>	Expenses <sup>[2]</sup>	Credits <sup>[3]</sup>	Subtotal <sup>[4]</sup>		of Service [6]
Power Production	26,423,022	14,538,687	4,813,775	36,147,934	8,701	36,156,635
Transmission	1,160,292	868,870	148,568	1,880,594	453	1,881,047
Distribution Substations	3,107,607	1,385,219	328,948	4,163,878	1,002	4,164,880
Primary Line	3,607,944	4,836,194	618,249	7,825,889	1,884	7,827,773
Secondary Line	1,959,663	2,626,789	335,803	4,250,649	1,023	4,251,672
Line Transformers	448,492	2,264,865	198,662	2,514,695	605	2,515,300
Electric Service	561,927	753,224	96,291	1,218,860	293	1,219,153
Meters	829,037	559,595	101,671	1,286,961	310	1,287,271
Customer Accounts	4,028,933	290,939	316,285	4,003,587	964	4,004,551
Rental Lights	196,174	617,687	59,588	754,273	182	754,455
Street Lights	459,247	508,522	70,857	896,912	216	897,128
Energy Related	2,437,513	-	178,466	2,259,047	544	2,259,591
Fuel	116,303,116	-	3,317,444	112,985,672	27,195	113,012,867
General Fund Transfer		18,573,892	3,006,246	15,567,646	3,747	15,571,393
TOTALS	\$161,522,967	\$47,824,483	\$13,590,853	\$195,756,597	\$47,117	\$195,803,716

#### NOTES:

[1] Does not contain gross receipts taxes -- see Worktable 3.

[2] Includes \$0 miscellaneous operating expenses (Account 426), \$12,979,406 for debt service, \$15,877,995 utility plant improvements, and \$0 miscellaneous transfers for security purchase agreements obligations, sinking fund obligations, and water/wastewater UPIF allocated in proportion to capital in Table 1; \$393,190 nuclear decommissioning/fuel disposal allocated to Power Production; \$18,573,892 General Fund Transfer reduced by \$3,006,246 Surcharge Revenue.

[3] Includes \$5,132,152 interchange revenue with \$3,317,444 fuel cost allocated to Fuel and \$1,814,708 net revenue allocated to Power Production with \$0 interchange Island Creek fuel adjustment revenue part of Fuel allocation; \$2,837,575 interest income, \$2,327,973 pole rentals, \$352,787 miscellaneous other revenues, and \$0 interest income from sinking fund -- see Report on Audit of Financial Statements and supplemental Data for the year ended September 30, 2004 -- allocated in proportion to operating and non-operating expenses excluding Fuel and General Fund Transfer.

[4] Operating and non-operating expenses less revenue credits.

[5] \$47,117 miscellaneous taxes allocated in proportion to sub-totals.

[6] Subtotal plus miscellaneous taxes.

## TABLE 3

# **ENERGY ALLOCATION FACTORS**

Rate Classification	Energy Sales (MWh) <sup>[1]</sup>	Composite Loss Multiplier <sup>[2]</sup>	Energy Sales Plus Losses (MWh) <sup>[3]</sup>	Percent <sup>[4]</sup>
Residential	901,437	1.0799	973,474	44.82%
Gen Service Non-Demand <sup>151</sup>	207,203	1.0537	218,338	10.05%
Gen Service Demand	553,081	1.0384	574,331	26.45%
Large Power	197,618	1.0267	202,893	9.34%
City Street Lighting	7,946	1.0537	8,373	0.39%
County Street Lighting	3,470	1.0537	3,656	0.17%
Rental Lighting	12,014	1.0537	12,660	0.59%
City of Alachua <sup>161</sup>	103,590	1.0204	105,704	4.87%
Seminole	71,358	1.0132	72,298	3.33%
TOTALS	2,057,716	1.0554 [7]	2,171,727	100.00%

#### NOTES:

[1] FY06 retail energy sales from Utility Billing Summaries, resale energy sales from actual invoices.

[2] Estimated losses of 7.4% for Residential, 5.1% for General Service Non-Demand, 3.7% for General Service Demand, 2.6% for Large Power, 5.1% for City and County Lighting, 5.1% for Rental Lighting, 2.0% for Alachua, and 1.3% for Seminole.
 [3] Energy Sales times Composite Loss Multiplier.

[4] Percent of total Energy Sales Plus Losses.

[4] Fercent of total Energy Suits Fins Dosses.
[5] General Service Non-Demand includes 1,966 MWh for Traffic Signals.
[6] Does not include energy supplied to replace deficiency in scheduled nuclear capacity.
[7] Based on FY96 native load losses of 147,298 MWh with 92,341 MWh assigned to native load sales.

# TABLE 4

## **DEMAND ALLOCATION FACTORS** FOR FUNCTIONS OTHER THAN POWER SUPPLY AND TRANSMISSION

Rate Classification ''	Annual Load Factors <sup>[3]</sup>					
	Distribution Substation	Primary Line	Line Transformer	Secondary Line	Electric Service	
Residential	38.9	38.9	25.9	21.7	19.3	
Gen Service Non-Demand <sup>22</sup>	35.7	35.7	32.5	28.2	23.8	
Gen Service Demand	57.0	57.0	55.5	-	47.3	
Large Power	63.8	63.8	60.1	-	60.1	
City Street Lighting	50.0	50.0	50.0	50.0	50.0	
County Street Lighting	50.0	50.0	50.0	50.0	50.0	
Rental Lighting	50.0	50.0	50.0	50.0	50.0	

	Energy Sales Plus Losses 14							
Rate Classification 14	Distribution Substation	Primary Line	Line Transformer	Secondary Line	Electric Service			
Residential	966,659	961,695	926,650	892,578	892,578			
Gen Service Non-Demand <sup>121</sup>	216,810	215,696	207,836	200,194	205,172			
Gen Service Demand	570,311	567,382	410,991	0	549,864			
Large Power	201,473	200,438	97,490	0	196,279			
City Street Lighting	8,314	8,272	7,970	7,677	7,677			
County Street Lighting	3,631	3,612	3,481	3,353	3,353			
Rental Lighting	12,571	12,507	12,051	11,608	11,608			

	Calculated NCP <sup>15</sup>						
Rate Classification 11	Distribution Substation	Primary Line	Line Transformer	Secondary Line	Electric Service		
Residential	283,820	282,362	408,267	469,984	529,037		
Gen Service Non-Demand <sup>121</sup>	69,425	69,068	72,934	81,126	98,327		
Gen Service Demand	114,177	113,591	84,596	0	132,846		
Large Power	36,055	35,869	18,527	0	37,300		
City Street Lighting	1,898	1,888	1,820	1,753	1,753		
County Street Lighting	829	825	795	765	765		
Rental Lighting	2,870	2,855	2,751	2,650	2,650		

NOTES:

Excludes Alachua and Seminole.
 General Service Non-Demand includes 1,966 MWh for Traffic Signals.
 1996 Load Factor Study modification.
 See Worktable 4.
 Non-Coincident Peak Demand (kiloWatts) = 100,000 X Energy Sales Plus Losses (MWh) / (8,760 Hours in Year X Annual Load Factor)

# TABLE 5

# DEMAND ALLOCATION FACTORS FOR POWER SUPPLY AND TRANSMISSION

te Classification	Energy Sales Plus Losses <sup>[1]</sup>	Annual Peak Load Factor <sup>[2]</sup>	Non-Coincident <u>Peak Deman</u> d <sup>[3]</sup>	Average Demand <sup>[4]</sup>	Class Excess Demand <sup>[5]</sup>
dential	973,474	38.88	285,821	111,127	174,694
n Service Non-Demand <sup>[10]</sup>	218,338	35.65	69,914	24,924	44,990
Service Demand	574,331	57.02	114,982	65,563	49,419
e Power	202,893	63.79	36,309	23,161	13,147
ty Street Lighting	8,373	-	1,951	956	995
anty Street Lighting	3,656	-	852	417	434
al Lighting	12,660	-	2,949	1,445	1,504
ty of Alachua	105,704	51.96	24,626	12,067	12,559
inole	72,298	42.23	19,543	8,253	11,290
SYSTEM	2,171,727		556,947	247,914	309,033

ate Classification	Class Excess Allocation Factor <sup>[6]</sup>	Allocation of Excess Demand <sup>[7]</sup>	Total Demand Allocation <sup>[8]</sup>	Demand Allocation Factor <sup>[9]</sup>
dential	0.5653	119,325	230,452	0.5021
n Service Non-Demand <sup>[10]</sup>	0.1456	30,730	55,655	0.1213
n Service Demand	0.1599	33,756	99,319	0.2164
e Power	0.0425	8,980	32,142	0.0700
Street Lighting	0.0032	680	1,635	0.0036
unty Street Lighting	0.0014	297	714	0.0016
al Lighting	0.0049	1,027	2,473	0.0054
of Alachua	0.0406	8,579	20,645	0.0450
minole	0.0365	7,712	15,965	0.0348
SYSTEM	1.0000	211,086 [11]	459,000	1.0000

System Peak MW 459

#### From Table 3.

- (1) From Table 3.
   (1) 1996 Load Factor Study modification with actual Alachua and Seminole FY04 load factor using billed energy.
   (1) Non-Coincident Peak Demand (kiloWatts) = Energy Sales Plus Losses (MWh) / 8760 hours per year / Annual Peak Load Factor \* 100,000.
   (1) Average Demand (kiloWatts) = Energy Sales Plus Losses \* 1,000 / 8760 hours per year.
   (2) Class Excess Demand (kiloWatts) = Non-Coincident Peak Demand Average Demand.
   (2) Class Excess Idlocation Factor = Class Excess Demand / System Class Excess Demand.
   (2) Class Excess Allocation Factor = Class Excess Demand / System Class Excess Demand.
   (2) Class Excess Allocation Factor = Class Excess Demand / System Class Excess Demand.

Allocation of Excess Demand (kiloWatts) = Class Excess Allocation Factor \* System Excess Demand. 7 Total Demand Allocation = Average Demand + Allocation of Excess Demand. 8 Demand Allocation Factor = Total Demand Allocation / System Total Demand Allocation.

General Service Non-Demand includes 1,966 MWh for Traffic Signals.

System Excess Demand = System Peak (459 MW) - System Average Demand.

# TABLE 6

# NUMBER OF CUSTOMERS IN EACH RATE CLASS

Rate Classification	Customers <sup>[1]</sup>	Percent <sup>[2]</sup>
Residential	79,125	86.18%
Gen Service Non-Demand <sup>[3]</sup>	8,437	9.19%
Gen Service Demand	1,107	1.21%
Large Power	19	0.02%
City Street Lighting	5	0.01%
County Street Lighting	3	0.00%
Rental Lighting	3,113	3.39%
Curtailable	0	0.00%
City of Alachua	1	0.00%
Seminole	1	0.00%
TOTAL	91,811	100.00%

NOTES:

Fiscal year average, see Worktable 5.
 Percent of total Number of Customers.
 General Service Non-Demand includes traffic signals.

2006 electric COS.xls

## **TABLE 7**

# COST-OF-SERVICE ALLOCATIONS TO RATE CLASSES<sup>[1]</sup>

Rate Classification	Power Production	Transmission	Distribution Substations	Primary Line	Line Transformers	Secondary Line	Electric Service
Residential	18,153,326	944,426	2,322,012	4,999,747	1,769,189	3,326,478	877,685
Gen Service Non-Demand [2]	4,384,079	228,081	567,984	1,434,909	418,313	799,488	280,703
Gen Service Demand	7,823,614	407,023	934,118	1,035,483	257,033	85,633	49,110
Large Power	2,531,882	131,721	294,972	281,255	48,458	2,205	1,264
City Street Lighting	128,821	6,702	15,530	14,647	4,671	6,727	17
County Street Lighting	56,248	2,926	6,782	6,405	2,042	2,943	10
Rental Lighting	194,777	10,133	23,481	55,316	15,589	28,187	10,357
City of Alachua	1,626,281	84,607	0	0	3	6	3
Seminole	1,257,607	65,427	0	11	3	. 6	3
	36,156,635	1,881,047	4,164,880	7,827,773	2,515,300	4,251,672	1,219,153

			Direc	et 🛛			
Rate Classification	Meters	Customer Service	Rental Lights	Street Lights	Energy Related	Fuel	General Fund Transfer
Residential	926,724	2,882,932	0	0	1,012,859	50,657,881	8,742,767
Gen Service Non-Demand <sup>[2]</sup>	296,387	922,026	0	0	227,172	11,361,927	2,231,681
Gen Service Demand	51,854	161,311	0	0	597,567	29,887,179	2,454,202
Large Power	1,335	4,153	0	0	211,102	10,558,196	739,205
City Street Lighting	18	55	0	560,705	8,712	435,716	212,558
County Street Lighting	11	33	0	336,423	3,804	190,252	120,836
Rental Lighting	10,936	34,020	754,455	0	13,172	658,804	423,925
City of Alachua	4	11	0	0	109,981	5,500,651	364,415
Seminole	4	11	0	0	75,223	3,762,261	281,805
	1,287,271	4,004,551	754,455	897,128	2,259,591	113,012,867	15,571,393

	Net Cost
Rate Classification	of Service <sup>13</sup>
Residential	96,616,026
Gen Service Non-Demand	23,152,750
Gen Service Demand	43,744,125
Large Power	14,805,748
City Street Lighting	1,394,878
County Street Lighting	728,714
Rental Lighting	2,233,153
City of Alachua	7,685,960
Seminole	<u> </u>
	195,803,716

### NOTES:

- [1] See Worktables 6A (Power Production), 6B (Transmission), 6C (Distribution Substations), 6D (Primary Line), 6E (Secondary Line), 6F (Line Transformers), 6G (Electric Service), 6H (Meters), 6I (Customer Service), 6J (Rental Lights), 6K (Street Lights), 6L (Energy-Related), 6M (Fuel), and 6N (General Fund Transfer).
   [2] General Service Non-Demand includes Traffic Signals.
   [3] Sum of cost of service allocations for each rate class.

## TABLE 8

# SUMMARY OF CAPITAL INVESTMENT ALLOCATIONS TO RATE CLASSES <sup>[1]</sup>

Rate Classification	Power Production	Transmission	Distribution Substations	Primary Line	Line Transformers	Secondary Line	Electric Service
Residential	88,151,769	5,414,615	9,585,727	38,340,478	19,772,942	25,509,076	6,730,531
Gen Service Non-Demand <sup>[2]</sup>	21,288,897	1,307,645	2,344,752	11,003,571	4,675,184	6,130,870	2,152,574
Gen Service Demand	37,991,135	2,333,559	3,856,223	7,940,591	2,872,667	656,673	376,598
Large Power	12,294,710	755,188	1,217,704	2,156,801	541,585	16,905	9,695
City Street Lighting	625,547	38,423	64,111	112,324	52,202	51,588	128
County Street Lighting	273,140	16,777	27,997	49,119	22,822	22,565	77
Rental Lighting	945,829	58,096	96,936	424,191	174,224	216,155	79,424
City of Alachua	7,897,149	485,073	0	82	31	44	26
Seminole	6,106,888	375,108	0	82	31	44	26
	175,575,064	10,784,484	17,193,450	60,027,239	28,111,688	32,603,922	9,349,076

Rate Classification	Meters	Customer Service	Rental Lights	Street Lights	Energy Related	Fuel	General Fund Transfer
Residential	5,000,335	2,599,719	0	0	0	0	0
Gen Service Non-Demand <sup>[2]</sup>	1,599,219	831,448	0	0	0	0	0
Gen Service Demand	279,787	145,464	0	0	0	0	0
Large Power	7,203	3,745	0	0	0	0	0
City Street Lighting	95	49	0	3,944,888	0	0	0
County Street Lighting	57	30	0	2,366,933	0	0	0
Rental Lighting	59,006	30,678	7,666,777	0	0	0	0
City of Alachua	19	10	. 0	0	0	0	0
Seminole	19	10	0	0	0	0	0
	6,945,740	3,611,153	7,666,777	6,311,821	0	0	0

Rate Classification	Total Capital Investment <sup>151</sup>
Residential	201,105,193
Gen Service Non-Demand <sup>[2]</sup>	51,334,161
Gen Service Demand	56,452,697
Large Power	17,003,537
City Street Lighting	4,889,355
County Street Lighting	2,779,516
Rental Lighting	9,751,317
City of Alachua	8,382,433
Seminole	6,482,207
	358,180,415

## <u>NO</u>TES:

- [1] See Worktables 6A (Power Production), 6B (Transmission), 6C (Distribution Substations), 6D (Primary Line), 6F (Line Transformers), 6E (Secondary Line),
- 66 (Electric Service), 6H (Meters), 61 (Customer Service), 63 (Rental Lights), and 6K (Street Lights).
  [2] General Service Non-Demand includes Traffic Signals.
  [3] Sum of cost of service allocations for each rate class.

# TABLE 9

# FUNCTIONAL ALLOCATION OF THE GENERAL FUND TRANSFER

Rate Classification	Power Production	Transmission	Distribution Substations	Primary Line	Line Transformers	Secondary Line	Electric Service
Residential	0	559,142	891,426	3,112,224	1,690,411	1,457,503	484,720
Gen Service Non-Demand <sup>[2]</sup>	0	142,727	227,546	794,427	431,495	372,042	123,730
Gen Service Demand	0	156,958	250,234	873,639	474,519	409,139	136,067
Large Power	0	47,276	75,371	263,140	142,925	123,233	40,983
City Street Lighting	0	0	0	0	0	0	0
County Street Lighting	0	0	0	0	0	0	0
Rental Lighting	0	0 0	0 0	0	0	0	0
City of Alachua	0	23,306 0	37,156 0	129,723	70,459	60,751	20,204
Seminole	0	18,023 0	28,733 0	100,316	54,487	46,980	15,624
	0	947,431 0	1,510,466 0	5,273,469 (	2,864,296 0	2,469,647	821,328

			Direct	
Rate Classification	Meters	Customer Service	Rental Lights	Street Lights
Residential	360,115	187,227	0	0
Gen Service Non-Demand <sup>[2]</sup>	91,923	47,792	0	0
Gen Service Demand	101,089	52,557	0	0
Large Power	30,448	15,830	0	0
City Street Lighting	0	0	0	212,558
County Street Lighting	0	0	0	120,836
Rental Lighting	0	0	423,925	0
City of Alachua	15,010	7,804	0	0
Seminole	11,608	6,035	0	0
	610,192	317,244	423,925	333,393

Rate Classification	Fund Transfer
Residential	8,742,767
Gen Service Non-Demand	2,231,681
Gen Service Demand	2,454,202
Large Power	739,205
City Street Lighting	212,558
County Street Lighting	120,836
Rental Lighting	423,925
City of Alachua	364,415
Seminole	281,805
	15,571,393

# NOTES:

[1] General Fund Transfer allocated based on percent of capital investment (see Table 1 and Worktable 6N)
 [2] General Service Non-Demand includes Traffic Signals.

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# TABLE 10

# FUNCTIONAL ALLOCATION OF COST OF SERVICE TO RATE CLASSES

Rate Classification	Power <sup>[1]</sup> Production	Transmission	Distribution Substations	Primary Line	Line Transformers	Secondary Line	Electric Service
Residential	69,824,066	1,503,567	3,213,439	8,111,971	3,459,600	4,783,981	1,362,406
Gen Service Non-Demand <sup>[2]</sup>	15,973,177	370,808	795,530	2,229,336	849,808	1,171,531	404,433
Gen Service Demand	38,308,360	563,981	1,184,352	1,909,122	731,552	494,771	185,177
Large Power	13,301,180	178,997	370,343	544,395	191,383	125,437	42,248
City Street Lighting	573,249	6,702	15,530	14,647	4,671	6,727	17
County Street Lighting	250,304	2,926	6,782	6,405	2,042	2,943	10
Rental Lighting	866,753	10,133	23,481	55,316	15,589	28,187	10,357
City of Alachua	7,236,912	107,913	37,156	129,723	70,462	60,757	20,207
Seminole	5,095,092	83,450	28,733	100,327	54,490	46,985	15,627
	151,429,093	2,828,478	5,675,346	13,101,242	5,379,596	6,721,319	2,040,481

			Direct			
Rate Classification	Meters	Customer Service	Rental Lights	Street Lights		
Residential	1,286,839	3,070,159	0	0		
Gen Service Non-Demand <sup>[2]</sup>	388,310	969,818	0	0		
Gen Service Demand	152,942	213,868	0	0		
Large Power	31,783	19,983	0	0		
City Street Lighting	18	55	0	773,263		
County Street Lighting	11	33	0	457,259		
Rental Lighting	10,936	34,020	1,178,380	0		
City of Alachua	15,014	7,815	0	0		
Seminole	11,611	6,046	0	0		
	1,897,463	4,321,795	1,178,380	1,230,521		

Rate Classification	of Service <sup>[3]</sup>
Residential	96,616,026
Sen Service Non-Demand	23,152,750
Sen Service Demand	43,744,125
arge Power	14,805,748
City Street Lighting	1,394,878
County Street Lighting	728,714
Rental Lighting	2,233,153
City of Alachua	7,685,960
Seminole	5,442,361
	195,803,716

#### NOTES:

- [1] Fuel and Energy Related costs fully allocated to Power Production
   [2] General Service Non-Demand includes Traffic Signals.
   [3] Sum of cost of service allocations for each rate class.

## TABLE 11

# REVENUE RECEIPTS UNDER PRESENT RATES BY CUSTOMER CLASS

Rate Classification	Energy Sales (MWh) <sup>141</sup>	Base Rate mills/kWh <sup>141</sup>	Base Rate Revenue <sup>131</sup>	Fuel Adjustment mills/kWh <sup>1*1</sup>	Fuel Adjustment Revenue <sup>19</sup>	Total Sales Revenue <sup>10</sup>
Residential	901,437	56.19	\$50,654,216	49.50000	\$44,621,112	\$95,275,328
Gen Service Non-Demand [7]	207,203	59.03	12,231,506	49.50000	10,256,538	22,488,044
Gen Service Demand	553,081	37.54	20,763,111	49.50000	27,377,496	48,140,607
Large Power	197,618	29.77	5,882,196	49.50000	9,782,086	15,664,282
City Street Lighting	7,946	150.38	1,194,935	49.50000	393,319	1,588,254
County Street Lighting	3,470	156.07	541,541	49.50000	171,763	713,304
Rental Lighting	12,014	144.84	1,740,143	49.50000	594,701	2,334,844
City of Alachua	103,590	48.71	5,045,362	26.44000	2,738,920	7,784,282
Seminole	71,358	25.53	1,821,948	44.42000	3,169,722	4,991,670
	2,057,716	_	\$99,874,958		\$99,105,657	\$198,980,615

#### NOTES:

[1] FY06 retail energy sales from Utility Billing Summaries, resale energy sales from actual invoices.

[2] Base Rate Revenue divided by Energy Sales for each class.

[3] From Post-Audit 2004 Line Item Expenditure Report, RUB5014B, -- Accounts 440, 442, 444, and 446.

[4] Retail = \$93,805,823 net retail fuel adjustment revenue / 1,882,768 MWh retail sales; City of Alachua = \$2,944,156 wholesale fuel

adjustment revenue / 103,590 MWh wholesale sales; Seminole = \$3,285,839 wholesale fuel adjustment revenue / 71,358 MWh wholesale sales. [5] Energy Sales for each class times mills/kWh Fuel Adjustment. \$93,805,823 retail fuel adjustment

revenue; \$3,285,839 SEC fuel adjustment revenue and -\$2,944,156 Alachua fuel adjustment revenue.

[6] Base Rate Revenue plus Fuel Adjustment Revenue for each class.

[7] General Service Non-Demand includes \$119,427 for Traffic Signals.

# TABLE 12

Rate Classification	Total Revenue Allocation <sup>[1]</sup>	Net Cost of Service <sup>[2]</sup>	Net Cost of Service minus Total Revenue	Percent of Base Rate Revenue
Residential	\$95,275,328	\$96,616,026	\$1,340,698	1.41%
Gen Service Non-Demand <sup>1</sup>	\$22,488,044	\$23,152,750	\$664,706	2.96%
Gen Service Demand	\$48,140,607	\$43,744,125	(\$4,396,482)	-9.13%
Large Power	\$15,664,282	\$14,805,748	(\$858,534)	-5.48%
City Street Lighting	\$1,588,254	\$1,394,878	(\$193,376)	-12.18%
County Street Lighting	\$713,304	\$728,714	\$15,410	2.16%
Rental Lighting	\$2,334,844	\$2,233,153	(\$101,691)	-4.36%
City of Alachua	\$7,784,282	\$7,685,960	(\$98,322)	-1.26%
Seminole	\$4,991,670	\$5,442,361	\$450,691	9.03%
	\$198,980,615	\$195,803,715	(\$3,176,900)	

# LLOCATION OF TOTAL REVENUE UNDER PRESENT RATES TO CUSTOMEI CLASSES AND COMPARISON WITH COST OF SERVICE

# ALLOCATION OF TOTAL REVENUE WITH PROPOSED RATE CHANGE

			Required Reven	nue Change	
Rate Classification	ProposedEffect ofRate ChangeImplementedPercentRate Change		Required Revenue Adjustment <sup>[4]</sup>	Percent of Base Rate Revenue	
Residential	1.41%	\$1,343,382	(\$2,685)	0.00%	
Gen Service Non-Demand	2.96%	665,646	(\$940)	0.00%	
Gen Service Demand	-9.13%	(4,395,237)	(\$1,244)	0.00%	
Large Power	-5.48%	(858,403)	(\$132)	0.00%	
City Street Lighting	-12.18%	(193,370)	(\$6)	0.00%	
County Street Lighting	2.16%	15,407	\$3	0.00%	
Rental Lighting	-4.36%	(101,799)	\$109	0.00%	
City of Alachua <sup>[6]</sup>	-1.26%	(98,082)	(\$240)	0.00%	
Seminole	9.03%	450,748	(\$57)	0.00%	
		(\$3,171,708)	(\$5,192)		

#### NOTES:

[1] From Table 9.

[2] From Table 7.

[3] Revenue increase or decrease from rate change

[4] Total Revenue Allocation plus Effect of Proposed Rate Change less Net Cost of Service.
 [5] General Service Non-Demand includes \$119,427 for Traffic Signals.

[6] Excludes cost and revenue associated with nuclear backup.

## TABLE 13

## FUNCTIONALLY UNBUNDLED COST OF SERVICE (AVERAGE PRICE) BY RETAIL RATE CLASS

Rate Classification	Power Production		<u>Transn</u>	Transmission		ution <sup>[2]</sup>	<u>Customer Service</u>	
	<u>\$/kW-m</u>	<u>\$/kWh</u>	<u>\$/kW-m</u>	<u>\$/kWh</u>	\$/kW-m	<u>\$/kWh</u>	\$/month	
Residential	\$0.000	\$0.07173	\$0.000	\$0.00154	\$0.000	\$0.02238	\$4.59	
Gen Service Non-Demand <sup>[3]</sup>	\$0.000	\$0.07316	\$0.000	\$0.00170	\$0.000	\$0.02592	\$13.41	
Gen Service Demand	\$2.571	\$0.06136	\$0.473	\$0.00000	\$3.102	\$0.00000	\$27.61	
Large Power	\$2.759	\$0.06031	\$0.464	\$0.00000	\$3.076	\$0.00000	\$227.04	

TOTALS per COST OF SERVICE STUDY (includes ALL fuel)					tual base charge mills of fuel in ba	a set of the set of the set of the
Rate Classification	<u>\$/kW-m</u>	<u>\$/kWh</u>	<u>\$/month</u>	<u>\$/kW-m</u>	<u>\$/kWh</u>	<u>S/month</u>
Residential	\$0.000	\$0.09565	\$4.59	\$0.00	024/.058/.083	\$
Gen Service Non-Demand <sup>[3]</sup>	\$0.000	\$0.10077	\$13.41	\$0.00	.05548/.07183	-\$1
Gen Service Demand	\$6.146	\$0.06136	\$27.61	\$7.56	\$0.0263	\$3
_arge Power	\$6.299	\$0.06031	\$ <u>227.04</u>	\$7.08	\$0.0260	\$24

average fuel adjustment in 2006 (\$/kWh) \$0.0495

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NOTES:

[1] See Worktable 7 for allocation and calculation explanations.

[2] Distribution costs are Distribution Substations, Primary Line, Line Tranformers, Secondary Line, and Electric Services costs from Worktable 7 combined,

[3] General Service Non-Demand includes Traffic Signals

# WORKTABLE 1

# CAPITAL ALLOCATION AS OF SEPTEMBER 30, 2006<sup>[1]</sup>

Account	Category	Gross Plant	Depreciation	Net Plant
310-346	Generation	352,142,537	187,956,493	164,186,044
350-359	Transmission	26,042,637	16,035,940	10,006,697
	Distribution			
360	Land & Land Rights	2,397,680	0	2,397,680
361	Structure Improvement	3,852,805	545,831	3,306,974
362	Station Equipment	18,890,518	8,457,289	10,433,229
364	Poles, Towers, etc.	13,841,847	2,886,000	10,955,847
365	Overhead Conductor	28,460,689	7,014,217	21,446,472
366	Underground Conduit	24,937,230	4,677,368	20,259,862
367	Underground Conductor	44,774,780	9,139,184	35,635,597
368	Line Transformer	35,327,134	8,771,020	26,556,114
369	Electric Service	15,435,121	8,252,736	7,182,385
370	Meters	9,998,577	4,469,521	5,529,057
371	Rental Lights	9,030,986	2,197,551	6,833,435
373	Public Street Lights	7,468,885	1,795,960	5,672,925
	Plant Unclassified	3,084,509	213,775	2,870,734
389-399	General Plant	52,736,542	27,829,177	24,907,365
	TOTAL	648,422,476	290,242,061	358,180,415

NOTES:

[1] From Continuous Property Records, "Electric Utility Plant Summary" and "Electric Plant Depreciation".

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# WORKTABLE 2

# FUNCTIONAL ALLOCATION OF CAPITAL

<u>ount</u>	Category	<u>Net Plant</u>	Power <u>Production</u>	<u>Transmission</u>	Distribution <u>Substations</u>	Primary <u>Line</u>	Secondary <u>Line</u>	Line <u>Transformers</u>
-316	Generation	\$164,186,044	164,186,044					
-359	Transmission	10,006,697		10,006,697				
	Distribution							
	Land & Land Rights	2,397,680			2,397,680			
	Structure Improvement	3,306,974			3,306,974			
	Station Equipment	10,433,229			10,433,229			
	Poles, Towers, etc. <sup>111</sup>	10,955,847				2,958,079	7,997,768	
	Overhead Conductor <sup>141</sup>	21,446,472				14,798,066	6,648,406	
	Underground Conduit <sup>141</sup>	20,259,862				13,979,305	6,280,557	
	Underground Conductor 141	35,635,597				26,013,985	9,621,612	
	Line Transformer	26,556,114						26,556,114
	Electric Service	7,182,385						
	Meters	5,529,057						
	Rental Lights	6,833,435						
	Public Street Lights	5,672,925						
-399	General Plant <sup>[3]</sup>	24,907,365	10,212,020	697,406	946,480	2,042,404	1,843,145	1,394,812
	Unclassified Plant	2,870,734	1,177,001	80,381	109,088	235,400	212,434	160,761
	TOTALS	\$358,180,415	\$175,575,064	\$10,784,484	\$17,193,450	\$60,027,239	\$32,603,922	\$28,111,688
	Percent of Total		49.02%	3.01%	4.80%	16.76%	9.10%	7.85%
			0.00%	6.40%	10.20%	35.60%	19.33%	16.67%
<u>-316</u>	<u>Category</u> Generation	<u>Net Plant</u> \$164,186,044	Electric <u>Service</u>	Meters	Customer <u>Accounts</u>	Rental <u>Lights</u>	Street <u>Lights</u>	
-359	Transmission	\$10,006,697						
	Distribution	£2,207,680						
	Land & Land Rights Structure Improvement	\$2,397,680 \$3,306,974						
	Structure Improvement Station Equipment	\$10,433,229						
	Poles, Towers, etc. <sup>11</sup>	\$10,955,847						
	Overhead Conductor <sup>141</sup>	\$21,446,472						
	Underground Conduit <sup>141</sup>	\$20,259,862						
	Underground Conductor 141	\$35,635,597						
	Line Transformer	\$26,556,114						
1	Electric Service	\$7,182,385	7,182,385					
,	Meters	\$5,529,057	.,,_	5,529,057				
	Rental Lights	\$6,833,435				6,833,435		
	Public Street Lights	\$5,672,925				, ,	5,672,925	
-399	General Plant <sup>131</sup>	\$24,907,365	1,942,774	1,270,276	3,237,957	747,221	572,869	
	Unclassified Plant <sup>[3]</sup>	\$ <u>2,870,734</u>	223,917	146,407	373,195	86,122	66,027	
	TOTALS	\$358,180,415	\$9,349,076	\$6,945,740	\$3,611,153	\$7,666,777	\$6,311,821	
	Percent of Total		2.61%	1.94%	1.01%	2.14%	1,76%	
			5,54%	4.12%	2.14%	4.20%	3.46%	

Allocated in proportion to height of poles by cost: greater than 40 ft, primary at 71%; 40 ft and smaller, secondary at 29%. Plant Asset Report, 10/04.
 Allocated in proportion to assets in each category using Plant Asset Report, 10/04 and information from the Electrical Engineering Dept. --Acct 365 - 0.69 overhead primary line, 0.31 overhead secondary line; Acct 366 -0.69 underground primary line, 0.31 underground secondary line; Acct 367 - 0.73 underground primary line, 0.27 underground secondary line.
 Allocation based on accounting estimates supplied by Kim Simpson and Curtis Christie in Accounting Department

4/25/2007

OTES:

61

164

669

51 364

### WORKTABLE 3

## **OPERATING EXPENSES**

			Additional Direct		personal	Other	
<u>Account</u>	<u>Expenses</u>	<u>Subtotal</u>	<u>Components</u>	Overhead <sup>[6]</sup>	<u>svcs</u>	Overhead <sup>[7]</sup>	<u>Total</u>
500-556	Power Production O&M	\$139,798,513		\$2,979,315		\$2,385,823	\$145,163,651
	Fuel						116,303,116
	Fixed Expenses Variable Expenses			2,979,315	12,773,513	2,385,823	26,423,022 2,437,513
560-572	Transmission O&M <sup>[2]</sup>			121,815	522,269	146,546	1,160,292
)	Distribution O&M	5,613,131	2,681,352 <sup>[4]</sup>	589,870	1,156,942	2,285,738	11,170,091
581,582,592	Substation		861,599	208,706	894,807	233,635	3,107,607
[3]	Primary Line	3,027,636	851,304	158,836	680,995	815,687	3,607,944
595	Line Transformer		21,495	0	0	381,999	448,492
[3]	Secondary Line		462,388	86,272	369,884	443,042	1,959,663
[3]	Electric Service		132,588	24,738	106,063	127,041	561,927
586,597	Meters		212,154	78,377	336,032	94,383	829,037
587	Rental Lights		26,416	10,278	44,065	104,181	196,174
585,596	Street Lights		113,408	22,663	97,163	85,769	459,247
•					1,156,942		
901-916	Customer Service		596,369 <sup>[5]</sup>	00	0	49,071	4,028,933
)	TOTALS		\$3,277,721	\$3,691,000	15,824,791	\$4,867,177	\$161,522,967
)					Account 408		\$47,117
					Account 426 FY06 O&M Tot	al	0 \$161,570,084
•							<u> </u>

[1] See accompanying worksheets for breakdown of costs -- WP#1 thru WP#4; fuel expense includes transmission costs (Accounts 565) recovered through fuel adjustment -- see WP#4.

[2] Does not include transmission costs that were allocated to fuel expense, eg. Account 565

[3] Accounts 591, 593, 594, and 866 (\$3,027,636) allocated in proportion to net capital -- 58.86% primary line, 31.97% secondary line, and

9.17% electric service. [4] Accounts 580, 583, 584, 588, 589, 590, and 598 (\$2,681,352) allocated in proportion to Distribution O&M direct amount percentages. [5] Account 916.

[6] Accounts 920, 926, 940 and personal service expenses from other A&G accounts (\$3,691,000=labor) allocated in proportion to personal service costs. [7] Remaining Administrative & General overhead (\$4,867,177) allocated in proportion to net plant.

## WORKTABLE 4

## DEMAND ALLOCATION FACTORS FOR FUNCTIONS OTHER THAN POWER SUPPLY AND TRANSMISSION

<u>FY</u>	<u>Category</u>	<u>Energy</u> Sales [1]	<u>Estimated</u> Losses [2]	<u>Composite</u> <u>Loss</u> <u>Multiplier</u>	<u>Distribution</u> <u>Substation</u>	<u>Primary</u> <u>Line</u>	<u>Line</u> <u>Transformers</u>	<u>Secondary</u> <u>Line</u>	<u>Electric</u> <u>Service</u>
	Residential	866,080	0.074	1.0799	1.0724	1.0668	1.0280	0.9902	0.9902
2	Gen Service Non-Demand Gen Service Demand	193,758	0.051	1.0537	1.0464	1.0410	1.0031	0.9662	0.9902
Ō	Large Power	531,447 182,487	0.037 0.026	1.0384 1.0267	1.0312 1.0195	1.0259 1.0143	0.7431 0.4933	0.0000 0.0000	0.9942 0.9932
ō	City Street Lighting	8,306	0.051	1.0537	1.0464	1.0410	1.0031	0.9662	0.9662
3	County Street Lighting	3,396	0.051	1.0537	1.0464	1.0410	1.0031	0.9662	0.9662
	Rental Lighting	10,243	0.051	1.0537	1.0464	1.0410	1.0031	0.9662	0.9662
	City of Alachua	87,999	0.020	1.0204					
	Seminole	60,828	0.013	1.0132					
	Residential	873,611	0.074	1.0799	1.0724	1.0668	1.0280	0.9902	0.9902
	Gen Service Non-Demand	204,897	0.051	1.0537	1.0464	1.0410	1.0031	0.9662	0.9902
2	Gen Service Demand	537,759	0.037	1.0384	1.0312	1.0259	0.7431	0.0000	0.9942
0	Large Power	185,573	0.026	1.0267	1.0195	1.0143	0.4933	0.0000	0.9932
0	City Street Lighting	7,979	0.051	1.0537	1.0464	1.0410	1.0031	0.9662	0.9662
4	County Street Lighting	3,446	0.051	1.0537	1.0464	1.0410	1.0031	0.9662	0.9662
	Rental Lighting	11,144	0.051	1.0537	1.0464	1.0410	1.0031	0.9662	0.9662
	City of Alachua	90,098	0.020	1.0204					
	Seminole	53,801	0.013	1.0132					
	Total	1,968,308							
	Residential	875,304	0.074	1.0799	1.0724	1.0668	1.0280	0.9902	0.9902
	Gen Service Non-Demand	198,934	0.051	1.0537	1.0464	1.0410	1.0031	0.9662	0.9902
2	Gen Service Demand	545,690	0.037	1.0384	1.0312	1.0259	0.7431	0.0000	0.9942
0	Large Power	187,348	0.026	1.0267	1.0195	1.0143	0.4933	0.0000	0.9932
0	City Street Lighting	7,946	0.051	1.0537	1.0464	1.0410	1.0031	0.9662	0.9662
5	County Street Lighting	3,470	0.051	1.0537	1.0464	1.0410	1.0031	0.9662	0.9662
	Rental Lighting	11,604	0.051	1.0537	1.0464	1.0410	1.0031	0.9662	0.9662
	City of Alachua	96,690	0.020	1.0204					
	Seminole	64,574	0.013	1.0132					
	Total	1,991,560							
	Residential	901,437	0.074	1.0799	1.0724	1.0668	1.0280	0.9902	0.9902
	Gen Service Non-Demand	207,203	0.051	1.0537	1.0464	1.0410	1.0031	0.9662	0.9902
2	Gen Service Demand	553,081	0.037	1.0384	1.0312	1.0259	0.7431	0.0000	0.9942
0	Large Power	197,618	0.026	1.0267	1.0195	1.0143	0.4933	0.0000	0.9932
0	City Street Lighting	7,946	0.051	1.0537	1.0464	1.0410	1.0031	0.9662	0.9662
6	County Street Lighting	3,470	0.051	1.0537	1.0464	1.0410	1.0031	0.9662	0.9662
	Rental Lighting	12,014	0.051	1.0537	1.0464	1.0410	1.0031	0.9662	0.9662
	City of Alachua	103,590	0.020	1.0204					
	Seminole Total	71,358 2,057,716	0.013	1.0132					

Total 2,057,716

[1] FY05 retail energy sales from Utility Billing Summaries, resale energy sales from actual invoices.

[2] Estimated losses of 7.4% for Residential, 5.1% for General Service Non-Demand, 3.7% for General Service Demand,

2.6% for Large Power, 5.1% for City and County Lighting, 5.1% for Rental Lighting, 2.0% for Alachua,

# WORKTABLE 5

# NUMBER OF CUSTOMERS IN EACH CLASS - FY 2006 [1]

Rate Classification	Oct	Nov	Dec	Jan	Feb	Mar
Residential	77,308	77,471	77,714	78,474	73,180	82,983
Gen Service Non-Demand <sup>[2]</sup>	8,365	8,356	8,378	8,366	8,404	8,678
Gen Service Demand	1,103	1,095	1,096	1,103	1,070	1,120
Large Power	18	18	18	18	21	20
City Street Lighting	5	5	5	5	5	5
County Street Lighting	3	3	3	3	3	3
Rental Lighting	3,100	3,106	3,108	3,116	2,951	3,260
Curtailable	0	0	0	0	0	0
City of Alachua	1	1	1	1	1	1
Seminole	1	1	1	1	1	1

Rate Classification	Apr	May	Jun	Jul	Aug	Sep
Residential	78,059	79,336	79,395	79,907	86,779	78,899
Gen Service Non-Demand <sup>[2]</sup>	8,355	8,409	8,428	8,472	8,522	8,508
Gen Service Demand	1,107	1,109	1,118	1,118	1,124	1,124
Large Power	18	19	20	20	20	20
City Street Lighting	5	5	5	5	5	5
County Street Lighting	3	3	3	3	3	3
Rental Lighting	3,113	3,114	3,124	3,119	3,123	3,119
Curtailable	0	0	0	0	0	0
City of Alachua	1	1	1	1	1	1
Seminole	1	1	1	1	1	1

NOTES:

[1] From Monthly Utilitly Billing Summary reports.

[2] Traffic signals included in general service non-demand.

#### WORKTABLE 6A

# COST ALLOCATION DETAIL -- POWER PRODUCTION COST DISTRIBUTION: 100 PERCENT DEMAND-RELATED AND 0 PERCENT CUSTOMER-RELATED

Rate Classification	Non- Coincident <u>Peak</u>	Weighting <u>Factor</u>	Weighted Non-Coincident <u>Peak (kW)</u>	Demand <sup>[1]</sup> Allocation <u>Factor</u>	Demand- Related <u>Cost (\$)</u>	Number of <u>Customers</u>	Weighting <u>Factor</u>	Weighted Number of <u>Customers</u>	<u>Percent</u>	Customer- Related <u>Cost (\$)</u>	Total Cost <u>Allocation (\$)</u>
Residential	0	1.0000	0	50.2	18,153,326	79,125	0.0000	0	0.0	0	18,153,326
Gen Service Non-Demand [2]	0	1.0000	0	12.1	4,384,079	8,437	0.0000	0	0.0	0	4,384,079
Gen Service Demand	0	1.0000	0	21.6	7,823,614	1,107	0.0000	0	0.0	0	7,823,614
Large Power	0	1.0000	0	7.0	2,531,882	19	0.0000	0	0.0	0	2,531,882
City Street Lighting	0	1.0000	0	0.4	128,821	5	0.0000	0	0.0	0	128,821
County Street Lighting	0	1.0000	0	0.2	56,248	3	0.0000	0	0.0	0	56,248
Rental Lighting	0	1.0000	0	0.5	194,777	3,113	0.0000	0	0.0	0	194,777
City of Alachua	0	1.0000	0	4.5	1,626,281	1	0.0000	0	0.0	0	1,626,281
Seminole	0	1.0000	0	3.5	1,257,607	1	0.0000	0	0.0	0	1,257,607
	0		0	100.00	36,156,635 <sup>[3]</sup>	91,811 <sup>[4]</sup>					36,156,635

## CAPITAL INVESTMENT ALLOCATION DETAIL -- POWER PRODUCTION CAPITAL DISTRIBUTION: 100 PERCENT DEMAND-RELATED AND 0 PERCENT CUSTOMER-RELATED

Rate Classification	Non- Coincident <u>Peak</u>	Weighting <u>Factor</u>	Weighted Non-Coincident <u>Peak (kW)</u>	Demand <sup>[1]</sup> Allocation <u>Factor</u>	Demand- Related <u>Capital (\$)</u>	Number of <u>Customers</u>	Weighting <u>Factor</u>	Weighted Number of <u>Customers</u>	<u>Percent</u>	Customer- Related <u>Capital (S)</u>	Total Capital <u>Allocation (\$)</u>
Residential	0	1.0000	0	50.2	88,151,769	79,125	0.0000	0	0.0	0	88,151,769
Gen Service Non-Demand 141	0	1.0000	0	12.1	21,288,897	8,437	0.0000	0	0.0	0	21,288,897
Gen Service Demand	0	1.0000	0	21.6	37,991,135	1,107	0,0000	0	0.0	0	37,991,135
Large Power	0	1.0000	0	7.0	12,294,710	19	0.0000	0	0.0	0	12,294,710
City Street Lighting	0	1.0000	0	0.4	625,547	5	0.0000	. 0	0.0	0	625,547
County Street Lighting	0	1.0000	0	0.2	273,140	3	0.0000	0	0.0	0	273,140
Rental Lighting	0	1.0000	0	0.5	945,829	3,113	0.0000	0	0.0	0	945,829
City of Alachua	0	1.0000	0	4.5	7,897,149	1	0.0000	0	0.0	0	7,897,149
Seminole	0	1.0000	0	3.5	6,106,888	1	0.0000	<u> </u>	0.0	0	6,106,888
	0		0	100.00	175,575,064 <i>[5]</i>	91,811 <sup>[4]</sup>					175,575,064

NOTES:

[1] From Table 5.

[2] General Service Non-Demand includes Traffic Signals.

[3] From Table 2.

[4] From Table 6.

## WORKTABLE 6B

# **COST ALLOCATION DETAIL -- TRANSMISSION** COST DISTRIBUTION: 100 PERCENT DEMAND-RELATED AND 0 PERCENT CUSTOMER-RELATED

Rate Classification	Non- Coincident <u>Peak</u>	Weighting <u>Factor</u>	Weighted Non-Coincident <u>Peak (kW)</u>	Demand <sup>[1]</sup> Allocation <u>Factor</u>	l Demand- Related <u>Cost (<b>S</b>)</u>	Number of <u>Customers</u>	Weighting <u>Factor</u>	Weighted Number of <u>Customers</u>	<u>Percent</u>	Customer- Related <u>Cost (8)</u>	Total Cost <u>Allocation (\$)</u>
Residential	0	1.0000	0	50.2	944,426	79,125	0.0000	0	0.0	0	944,426
Gen Service Non-Demand *	0	1.0000	0	12.1	228,081	8,437	0.0000	0	0.0	0	228,081
Gen Service Demand	0	1.0000	0	21.6	407,023	1,107	0.0000	0	0.0	0	407,023
Large Power	0	1.0000	0	7.0	131,721	19	0.0000	0	0.0	0	131,721
City Street Lighting	0	1.0000	0	0.4	6,702	5	0.0000	0	0.0	0	6,702
County Street Lighting	0	1.0000	0	0.2	2,926	3	0.0000	0	0.0	0	2,926
Rental Lighting	0	1.0000	0	0.5	10,133	3,113	0.0000	0	0.0	0	10,133
City of Alachua	0	1.0000	0	4.5	84,607	1	0.0000	0	0.0	0	84,607
Seminole	0	1.0000	0	3.5	65,427	1	0.0000	0	0.0	0	65,427
	0		0	100.00	1,881,047 <sup>[3]</sup>	91,811 [4]					1,881,047

## **CAPITAL INVESTMENT ALLOCATION DETAIL -- TRANSMISSION** CAPITAL DISTRIBUTION: 100 PERCENT DEMAND-RELATED AND 0 PERCENT CUSTOMER-RELATED

Rate Classification	Non- Coincident <u>Peak</u>	Weighting <u>Factor</u>	Weighted Non-Coincident <u>Peak (kW)</u>	Demand <sup>[1]</sup> Allocation <u>Factor</u>	Demand- Related <u>Capital (S)</u>	Number of <u>Customers</u>	Weighting <u>Factor</u>	Weighted Number of <u>Customers</u>	<u>Percent</u>	Customer- Related <u>Capital (S)</u>	Total Capital <u>Allocation (\$)</u>
Residential	0	1.0000	0	50.2	5,414,615	79,125	0.0000	0	0.0	0	5,414,615
Gen Service Non-Demand	0	1.0000	0	12.1	1,307,645	8,437	0.0000	0	0.0	0	1,307,645
Gen Service Demand	0	1.0000	. 0	21.6	2,333,559	1,107	0.0000	0	0.0	0	2,333,559
Large Power	0	1.0000	0	7.0	755,188	19	0.0000	. 0	0.0	0	755,188
City Street Lighting	0	1.0000	0	0.4	38,423	5	0.0000	0	0.0	0	38,423
County Street Lighting	0	1.0000	0	0.2	16,777	3	0.0000	0	0.0	0.	16,777
Rental Lighting	0	1.0000	0	0.5	58,096	3,113	0.0000	0	0.0	0	58,096
City of Alachua	0	1.0000	0	4.5	485,073	1	0.0000	0	0.0	0	485,073
Seminole	0	1.0000	0	3.5	375,108	1	0.0000	0	0.0	0	375,108
	0		0	100.00	10,784,484 [5]	91,811 [4]					10,784,484

NOTES:

[1] From Table 5.

[2] General Service Non-Demand includes Traffic Signals.[3] From Table 2.

[4] From Table 6.

#### WORKTABLE 6C

# COST ALLOCATION DETAIL -- DISTRIBUTION SUBSTATIONS COST DISTRIBUTION: 100 PERCENT DEMAND-RELATED AND 0 PERCENT CUSTOMER-RELATED

	Non- <sup>[1]</sup>		Weighted		Demand-			Weighted		Customer-	
	Coincident	Weighting	Non-Coincident		Related	Number of	Weighting <sup>[6]</sup>	Number of		Related	Total Cost
Rate Classification	<u>Peak (kW)</u>	<u>Factor</u>	<u>Peak (kW)</u>	Percent <sup>131</sup>	<u>Cost (\$)</u>	<u>Customers</u>	Factor	<b>Customers</b>	<b>Percent</b>	<u>Cost (\$)</u>	Allocation (\$)
Residential	283,820	1.0000	283,820	55.8	2,322,012	79,125	0.1667	13,190	72.0	0	2,322,012
Gen Service Non-Demand	69,425	1.0000	69,425	13.6	567,984	8,437	0.5000	4,219	23.0	0	567,984
Gen Service Demand	114,177	1.0000	114,177	22.4	934,118	1,107	0.6667	738	4.0	0	934,118
Large Power	36,055	1.0000	36,055	7.1	294,972	19	1.0000	19	0.1	0	294,972
City Street Lighting	1,898	1.0000	1,898	0.4	15,530	5	0.0500	0	0.0	0	15,530
County Street Lighting	829	1.0000	829	0.2	6,782	3	0.0500	0	0.0	0	6,782
Rental Lighting	2,870	1.0000	2,870	0.6	23,481	3,113	0.0500	156	0.8	0	23,481
City of Alachua	0	1.0000	0	0.0	0	1	0.0500	0	0.0	0	0
Seminole	0	1,0000		0.0	0	1	0.0500	0	0.0	0	0
	509,074		509,074	100.00	4,164,880 <sup>[4]</sup>	91,811 <sup>[5]</sup>		18,322	100.00	\$0	4,164,880

## CAPITAL INVESTMENT ALLOCATION DETAIL -- DISTRIBUTION SUBSTATIONS CAPITAL DISTRIBUTION: 100 PERCENT DEMAND-RELATED AND 0 PERCENT CUSTOMER-RELATED

Rate Classification	Non- <sup>[1]</sup> Coincident <u>Peak (kW)</u>	Weighting <u>Factor</u>	Weighted Non-Coincident <u>Peak (kW)</u>	Percent <sup>13</sup>	Demand- Related <u>Capital (\$)</u>	Number of <u>Customers</u>	Weighting <sup>10]</sup> <u>Factor</u>	Weighted Number of <u>Customers</u>	Percent	Customer- Related <u>Capital (S)</u>	Total Capital <u>Allocation (\$)</u>
Residential Gen Service Non-Demand	283,820	1.0000 1.0000	283,820 69,425	55.8 13.6	9,585,727 2,344,752	79,125 8,437	0.1667 0.5000	13,190 4,219	72.0 23.0	0	9,585,727 2,344,752
Gen Service Demand	69,425 114,177	1,0000	69,423 114,177	22.4	3,856,223	8,437 1,107	0.6667	738	4.0	0	3,856,223
Large Power	36,055	1.0000	36,055	7.1	1,217,704	19	1.0000	19	0.1	0	1,217,704
City Street Lighting	1,898	1.0000	1,898	0.4	64,111	5	0.0500	0	0.0	0	64,111
County Street Lighting	829	1.0000	829	0.2	27,997	3	0.0500	0	0.0	0	27,997
Rental Lighting	2,870	1,0000	2,870	0.6	96,936	3,113	0.0500	156	0.8	0	96,936
City of Alachua	, 0	1.0000	0	0.0	0	1	0.0500	0	0.0	0	0
Seminole	0	1.0000	0	0.0	<u> </u>	1	0.0500	0	0.0	0	0
	509,074		509,074	100.00	17,193,450 [7]	91,811 [5]		18,322	100.00	\$0	17,193,450

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NOTES:

[1] From Table 4B.

[2] General Service Non-Demand includes Traffic Signals.

[3] Percent of Total Weighted Non-Coincident Peak.

[4] From Table 2.

[5] From Table 6.

[6] From FY87 Cost of Service Study.

#### WORKTABLE 6D

## COST ALLOCATION DETAIL -- PRIMARY LINE COST DISTRIBUTION: 50 PERCENT DEMAND-RELATED AND 50 PERCENT CUSTOMER-RELATED

	Non- <sup>[1]</sup>		Weighted		Demand-			Weighted		Customer-	
	Coincident	Weighting	Non-Coincident		Related	Number of	Weighting <sup>[6]</sup>	Number of		Related	Total Cost
<b>Rate Classification</b>	<u>Peak (kW)</u>	<b>Factor</b>	<u>Peak (kW)</u>	Percent <sup>[3]</sup>	<u>Cost (\$)</u>	<u>Customers</u>	<u>Factor</u>	<u>Customers</u>	<u>Percent</u>	<u>Cost (\$)</u>	Allocation (\$)
Residential	282,362	1.0000	282,362	55.8	2,182,078	79,125	0.1667	13,190	72.0	2,817,669	4,999,747
Gen Service Non-Demand ""	69,068	1.0000	69,068	13.6	533,755	8,437	0.5000	4,219	23.0	901,153	1,434,909
Gen Service Demand	113,591	1.0000	113,591	22.4	877,824	1,107	0.6667	738	4.0	157,659	1,035,483
Large Power	35,869	1.0000	35,869	7.1	277,196	19	1.0000	19	0.1	4,059	281,255
City Street Lighting	1,888	1.0000	1,888	0.4	14,594	5	0.0500	0	0.0	53	14,647
County Street Lighting	825	1.0000	825	0.2	6,373	3	0.0500	0	0.0	32	6,405
Rental Lighting	2,855	1.0000	2,855	0.6	22,066	3,113	0.0500	156	0.8	33,250	55,316
City of Alachua	0	1.0000	0	0.0	0	1	0.0000	0	0.0	0	0
Seminole	0	1.0000		0.0	0	<u> </u>	0.0500	0	0.0	<u> </u>	11
	506,460		506,460	100.00	3,913,887 <sup>[4]</sup>	91,811 <sup>[5]</sup>		18,322	100.00	3,913,887 <i>[4]</i>	7,827,773

## CAPITAL INVESTMENT ALLOCATION DETAIL -- PRIMARY LINE CAPITAL DISTRIBUTION: 50 PERCENT DEMAND-RELATED AND 50 PERCENT CUSTOMER-RELATED

	Non- <sup>[1]</sup>		Weighted		Demand-			Weighted		Customer-	
	Coincident	Weighting	Non-Coincident		Related	Number of	Weighting <sup>[6]</sup>	Number of		Related	Total Capital
<b>Rate Classification</b>	<u>Peak (kW)</u>	<b>Factor</b>	<u>Peak (kW)</u>	Percent <sup>131</sup>	<u>Capital (\$)</u>	<u>Customers</u>	<u>Factor</u>	<u>Customers</u>	Percent	<u>Capital (\$)</u>	Allocation (\$)
Residential Gen Service Non-Demand	282,362 69,068	1.0000 1.0000	282,362 69,068	55.8 13.6	16,733,253 4,093,099	79,125 8,437	0.1667 0.5000	13,190 4,219	72.0 23.0	21,607,224 6,910,472	38,340,478 11,003,571
Gen Service Demand	113,591	1.0000	113,591	22.4	6,731,587	1,107	0.6667	738	4.0	1,209,004	7,940,591
Large Power	35,869	1.0000	35,869	7.1	2,125,676	19	1.0000	19	0.1	31,125	2,156,801
City Street Lighting	1,888	1.0000	1,888	0.4	111,915	5	0.0500	0	0.0	410	112,324
County Street Lighting	825	1.0000	825	0.2	48,873	3	0.0500	0	0.0	246	49,119
Rental Lighting	2,855	1.0000	2,855	0.6	169,215	3,113	0.0500	156	0.8	254,976	424,191
City of Alachua	0	1.0000	0	0.0	0	1	0.0500	0	0.0	82	82
Seminole	0	1.0000	0	0.0	0	1	0.0500	0	0.0		82
	506,460		506,460	100.00	30,013,620 [7]	91,811 <sup>[5]</sup>		18,322	100.00	30,013,620 [4]	60,027,239

NOTES:

[1] From Table 4B.

[2] General Service Non-Demand includes Traffic Signals.

[3] Percent of Total Weighted Non-Coincident Peak.

[4] From Table 2.

[5] From Table 6.

[6] From FY87 Cost of Service Study.

#### WORKTABLE 6E

## **COST ALLOCATION DETAIL -- SECONDARY LINE** COST DISTRIBUTION: 50 PERCENT DEMAND-RELATED AND 50 PERCENT CUSTOMER-RELATED

<u>_Rate Classification</u>	Non- <sup>[1]</sup> Coincident <u>Peak (kW)</u>	Weighting <u>Factor</u>	Weighted Non-Coincident <u>Peak (kW)</u>	<u>Percent</u> ` '	Demand- Related <u>Cost (S)</u>	Number of <u>Customers</u>	Weighting`` <u>Factor</u>	Weighted Number of <u>Customers</u>	Percent	Customer- Related <u>Cost (\$)</u>	Total Cost <u>Allocation (\$)</u>
Residential Gen Service Non-Demand	469,984	1.0000	469,984	84.5	1,796,059	79,125	0.1667	13,190	72.0	1,530,419	3,326,478
Gen Scivice Non-Demand	81,126	1.0000	81,126	14.6	310,026	8,437	0.5000	4,219	23.0	489,462	799,488
Gen Service Demand	0	1.0000	0	0.0	0	1,107	0.6667	738	4.0	85,633	85,633
Large Power	0	1.0000	0	0.0	0	19	1.0000	19	0.1	2,205	2,205
City Street Lighting	1,753	1.0000	1,753	0.3	6,698	5	0.0500	0	0.0	29	6,727
County Street Lighting	765	1.0000	765	0.1	2,925	3	0.0500	0	0.0	17	2,943
Rental Lighting	2,650	1.0000	2,650	0.5	10,128	3,113	0.0500	156	0.8	18,060	28,187
City of Alachua	0	1.0000	0	0.0	0	1	0.0500	0	0.0	6	6
Seminole	0	1,0000	0	0.0	0	1	0.0500	0	0.0	6	6
	556,278		556,278	100.00	2,125,836 [4]	91,811 <b>[5]</b>		18,322	100.00	2,125,836 [4]	4,251,672

# CAPITAL INVESTMENT ALLOCATION DETAIL -- SECONDARY LINE CAPITAL DISTRIBUTION: .50 PERCENT DEMAND-RELATED AND 50 PERCENT CUSTOMER-RELATED

Rate Classification	Non- <sup>[1]</sup> Coincident <u>Peak (kW)</u>	Weighting <u>Factor</u>	Weighted Non-Coincident <u>Peak (kW)</u>	<u>Percent</u>	Demand- Related <u>Capital (S)</u>	Number of <u>Customers</u>	Weighting <sup>.</sup> <u>Factor</u>	Weighted Number of <u>Customers</u>	<u>Percent</u>	Customer- Related <u>Capital (\$)</u>	Total Capital <u>Allocation (\$)</u>
Residential	469,984	1.0000	469,984	84.5	13,773,067	79,125	0.1667	13,190	72.0	11,736,010	25,509,076
Gen Service Non-Demand *	81,126	1.0000	81,126	14.6	2,377,433	8,437	0.5000	4,219	23.0	3,753,437	6,130,870
Gen Service Demand	0	1.0000	0	0.0	0	1,107	0.6667	738	4.0	656,673	656,673
Large Power	0	1,0000	0	0.0	0	19	1.0000	19	0.1	16,905	16,905
City Street Lighting	1,753	1,0000	1,753	0.3	51,365	5	0.0500	0	0.0	222	51,588
County Street Lighting	765	1.0000	765	0.1	22,431	3	0.0500	0	0.0	133	22,565
Rental Lighting	2,650	1.0000	2,650	0.5	77,665	3,113	0.0500	156	0.8	138,491	216,155
City of Alachua	0	1,0000	0	0.0	0	1	0.0500	0	0.0	44	44
Seminole	0	1.0000	0	0.0	0	1	0.0500	0	0.0		44
	556,278		556,278	100.00	16,301,961 <i>[7]</i>	91,811 <sup>[5]</sup>		18,322	100.00	16,301,961 <i>[4]</i>	32,603,922

NOTES:

[1] From Table 4B.

[2] General Service Non-Demand includes Traffic Signals.
[3] Percent of Total Weighted Non-Coincident Peak.

[4] From Table 2.
[5] From Table 6.
[6] From FY87 Cost of Service Study.

#### WORKTABLE 6F

## COST ALLOCATION DETAIL -- LINE TRANSFORMERS COST DISTRIBUTION: 60 PERCENT DEMAND-RELATED AND 40 PERCENT CUSTOMER-RELATED

Rate Classification	Non- <sup>[1]</sup> Coincident <u>Peak (kW)</u>	Weighting <u>Factor</u>	Weighted Non-Coincident <u>Peak (kW)</u>	<u>Percent</u> · ·	Demand- Related <u>Cost (\$)</u>	Number of <u>Customers</u>	Weighting <sup>.</sup> <u>Factor</u>	Weighted Number of <u>Customers</u>	Percent	Customer- Related <u>Cost (\$)</u>	Total Cost <u>Allocation (S)</u>
Residential	408,267	1.0000	408,267	69.2	1,044,869	79,125	0.1667	13,190	72.0	724,320	1,769,189
Gen Service Non-Demand	72,934	1.0000	72,934	12.4	186,660	8,437	0.5000	4,219	23.0	231,654	418,313
Gen Service Demand	84,596	1.0000	84,596	14.3	216,504	1,107	0.6667	738	4.0	40,528	257,033
Large Power	18,527	1.0000	18,527	3.1	47,415	19	1.0000	19	0.1	1,043	48,458
City Street Lighting	1,820	1.0000	1,820	0.3	4,657	5	0.0500	0	0.0	14	4,671
County Street Lighting	795	1.0000	795	0.1	2,034	3	0.0500	0	0.0	8	2,042
Rental Lighting	2,751	1.0000	2,751	0.5	7,041	3,113	0.0500	156	0.8	8,547	15,589
City of Alachua	0	1.0000	0	0.0	0	1	0.0500	0	0.0	3	3
Seminole	0	1.0000	0	0.0	<u> </u>	1	0.0500	0	0.0		3
	589,689		589,689	100.00	1,509,180 <i>[4]</i>	91,811 <i>[5]</i>		18,322	100.00	1,006,120 [4]	2,515,300

# CAPITAL INVESTMENT ALLOCATION DETAIL -- LINE TRANSFORMERS CAPITAL DISTRIBUTION: 60 PERCENT DEMAND-RELATED AND 40 PERCENT CUSTOMER-RELATED

Rate Classification	Non- <sup>[1]</sup> Coincident <u>Peak (kW)</u>	Weighting <u>Factor</u>	Weighted Non-Coincident <u>Peak (kW)</u>	<u>Percent</u> · ·	Demand- Related <u>Capital (S)</u>	Number of <u>Customers</u>	Weighting <sup>.</sup> <u>Factor</u>	Weighted Number of <u>Customers</u>	<u>Percent</u>	Customer- Related <u>Capital (\$)</u>	Total Capital <u>Allocation (\$)</u>
Residential	408,267	1.0000	408,267	69.2	11,677,743	79,125	0.1667	13,190	72.0	8,095,199	19,772,942
Gen Service Non-Demand	72,934	1.0000	72,934	12.4	2,086,159	8,437	0.5000	4,219	23.0	2,589,025	4,675,184
Gen Service Demand	84,596	1.0000	84,596	14.3	2,419,711	1,107	0.6667	738	4.0	452,956	2,872,667
Large Power	18,527	1.0000	18,527	3.1	529,924	19	1.0000	19	0.1	11,661	541,585
City Street Lighting	1,820	1.0000	1,820	0.3	52,048	5	0.0500	0	0.0	153	52,202
County Street Lighting	795	1.0000	795	0.1	22,730	3	0.0500	0	0.0	92	22,822
Rental Lighting	2,751	1.0000	2,751	0.5	78,697	3,113	0.0500	156	0.8	95,527	174,224
City of Alachua	. 0	1,0000	0	0.0	0	1	0.0500	0	0.0	31	31
Seminole	0	1.0000	0	0.0	0	1	0.0500	0	0.0	31	31
	589,689		589,689	100.00	16,867,013 <sup>[7]</sup>	91,811 [5]		18,322	100.00	11,244,675 [4]	28,111,688

NOTES:

[1] From Table 4B.

[2] General Service Non-Demand includes Traffic Signals.

[3] Percent of Total Weighted Non-Coincident Peak.

[4] From Table 2.

[5] From Table 6.

[6] From FY87 Cost of Service Study.



#### WORKTABLE 6G

## **COST ALLOCATION DETAIL -- ELECTRIC SERVICE** COST DISTRIBUTION: 0 PERCENT DEMAND-RELATED AND 100 PERCENT CUSTOMER-RELATED

Rate Classification	Non- <sup>[1]</sup> Coincident <u>Peak (kW)</u>	Weighting <u>Factor</u>	Weighted Non-Coincident <u>Peak (kW)</u>	<u>Percent</u>	Demand- Related <u>Cost (</u> \$)	Number of <u>Customers</u>	Weighting <sup>*</sup>	Weighted Number of <u>Customers</u>	<u>Percent</u>	Customer- Related <u>Cost (S)</u>	Total Cost <u>Allocation (8)</u>
Residential	529,037	1.0000	529,037	65.9	0	79,125	0.1667	13,190	72.0	877,685	877,685
Gen Service Non-Demand	98,327	1.0000	98,327	12.2	0	8,437	0.5000	4,219	23.0	280,703	280,703
Gen Service Demand	132,846	1.0000	132,846	16.6	0	1,107	0.6667	738	4.0	49,110	49,110
Large Power	37,300	1.0000	37,300	4.6	0	19	1.0000	19	0.1	1,264	1,264
City Street Lighting	1,753	1.0000	1,753	0.2	0	5	0.0500	0	0.0	17	17
County Street Lighting	765	1.0000	765	0.1	0	3	0.0500	0	0.0	10	10
Rental Lighting	2,650	1.0000	2,650	0.3	0	3,113	0.0500	156	0.8	10,357	10,357
City of Alachua	0	1.0000	0	0.0	0	1	0.0500	0	0.0	3	3
Seminole	0	1.0000	0	0.0	0	<u> </u>	0.0500	0	0.0		3
	802,679		802,679	100.00	0	91,811 [5]		18,322	100.00	1,219,153 <i>[4]</i>	1,219,153

# **CAPITAL INVESTMENT ALLOCATION DETAIL -- ELECTRIC SERVICE** CAPITAL DISTRIBUTION: 0 PERCENT DEMAND-RELATED AND 100 PERCENT CUSTOMER-RELATED

Rate Classification	Non- <sup>[1]</sup> Coincident <u>Peak (kW)</u>	Weighting <u>Factor</u>	Weighted Non-Coincident <u>Peak (kW)</u>	<u>Percent</u> · ·	Demand- Related <u>Capital (S)</u>	Number of <u>Customers</u>	Weighting <sup>.</sup>	Weighted Number of <u>Customers</u>	<u>Percent</u>	Customer- Related <u>Capital (<b>S</b>)</u>	Total Capital <u>Allocation (S)</u>
Residential	529,037	1.0000	529,037	65.9	0	79,125	0.1667	13,190	72.0	6,730,531	6,730,531
Gen Service Non-Demand	98,327	1.0000	98,327	12.2	0	8,437	0.5000	4,219	23.0	2,152,574	2,152,574
Gen Service Demand	132,846	1.0000	132,846	16.6	0	1,107	0.6667	738	4.0	376,598	376,598
Large Power	37,300	1.0000	37,300	4.6	0	19	1.0000	19	0.1	9,695	9,695
City Street Lighting	1,753	1.0000	1,753	0.2	0	5	0.0500	0	0.0	128	128
County Street Lighting	765	1.0000	765	0.1	0	3	0.0500	0	0.0	77	77
Rental Lighting	2,650	1.0000	2,650	0.3	0	3,113	0.0500	156	0.8	79,424	79,424
City of Alachua	0	1.0000	0	0.0	0	1	0.0500	0	0.0	26	26
Seminote	0	1,0000	0	0.0	0	1	0.0500	0	0.0		26
	802,679		802,679	100.00	0	91,811 <sup>[5]</sup>		18,322	100.00	9,349,076 <sup>[7]</sup>	9,349,076

NOTES:

[1] From Table 4B.

[2] General Service Non-Demand includes Traffic Signals.

[3] Percent of Total Weighted Non-Coincident Peak.

[4] From Table 2, not used [5] From Table 6.

[6] From FY87 Cost of Service Study.

[7] From Table 1, not used

#### WORKTABLE 6H

#### **COST ALLOCATION DETAIL -- METERS** COST DISTRIBUTION: 0 PERCENT DEMAND-RELATED AND 100 PERCENT CUSTOMER-RELATED

<u>_Rate Classification</u>	Non- Coincident <u>Peak</u>	Weighting <u>Factor</u>	Weighted Non-Coincident <u>Peak (kW)</u>	<u>Percent</u>	Demand- Related <u>Cost (S)</u>	Number of <u>Customers</u>	Weighting	Weighted Number of <u>Customers</u>	<u>Percent</u>	Customer- Related <u>Cost (\$)</u>	Total Cost <u>Allocation (\$)</u>
Residential	0	1.0000	0	0.0	0	79,125	0.1667	13,190	72.0	926,724	926,724
Gen Service Non-Demand `	0	1.0000	0	0.0	0	8,437	0.5000	4,219	23.0	296,387	296,387
Gen Service Demand	0	1.0000	0	0.0	0	1,107	0.6667	738	4.0	51,854	51,854
Large Power	0	1.0000	0	0.0	0	19	1.0000	19	0.1	1,335	1,335
City Street Lighting	0	1.0000	0	0.0	0	5	0.0500	0	0.0	18	18
County Street Lighting	0	1.0000	0	0.0	0	3	0.0500	0	0.0	11	11
Rental Lighting	0	1.0000	0	0.0	0	3,113	0.0500	156	0.8	10,936	10,936
City of Alachua	0	1.0000	0	0.0	0	1	0.0500	0	0.0	· 4	, 4
Seminole	0	1.0000	0	0.0	0	1	0.0500	0	0.0	4	4
	0		0	0.00	0	91,811 [3]		18,322	100.00	1,287,271 [4]	1,287,271

# **CAPITAL INVESTMENT ALLOCATION DETAIL -- METERS** CAPITAL DISTRIBUTION: 0 PERCENT DEMAND-RELATED AND 100 PERCENT CUSTOMER-RELATED

Rate Classification	Non- Coincident <u>Peak</u>	Weighting <u>Factor</u>	Weighted Non-Coincident <u>Peak (kW)</u>	<u>Percent</u>	Demand- Related <u>Capital (S)</u>	Number of <u>Customers</u>	Weighting <sup>* •</sup> <u>Factor</u>	Weighted Number of <u>Customers</u>	<u>Percent</u>	Customer- Related <u>Capital (S)</u>	Total Capital <u>Allocation (\$)</u>
Residential	0	1,0000	0	0.0	0	79,125	0.1667	13,190	72.0	5,000,335	5,000,335
Gen Service Non-Demand	0	1.0000	0	0.0	0	8,437	0.5000	4,219	23.0	1,599,219	1,599,219
Gen Service Demand	0	1.0000	0	0.0	0	1,107	0.6667	738	4.0	279,787	279,787
Large Power	0	1.0000	0	0.0	0	19	1.0000	19	0.1	7,203	7,203
City Street Lighting	0	1.0000	0	0.0	0	5	0.0500	0	0.0	95	95
County Street Lighting	0	1.0000	0	0.0	0	3	0.0500	0	0.0	57	57
Rental Lighting	0	1.0000	0	0.0	0	3,113	0.0500	156	0.8	59,006	59,006
City of Alachua	0	1.0000	0	0.0	0	1	0.0500	0	0.0	19	19
Seminole	0	1.0000	0	0.0	0	1	0.0500	0	0.0	19	19
	0		0	0.00	0	91,811 [3]		18,322	100.00	6,945,740 <sup>[5]</sup>	6,945,740

NOTES:

[1] From FY87 Cost of Service Study.

[2] General Service Non-Demand includes Traffic Signals.
[3] From Table 6.
[4] From Table 2.

#### WORKTABLE 6I

# COST ALLOCATION DETAIL -- CUSTOMER ACCOUNTS COST DISTRIBUTION: 0 PERCENT DEMAND-RELATED AND 100 PERCENT CUSTOMER-RELATED

_Rate Classification	Non- Coincident <u>Peak</u>	Weighting <u>Factor</u>	Weighted Non-Coincident <u>Peak (kW)</u>	<u>Percent</u>	Demand- Related <u>Cost (\$)</u>	Number of Customers	Weighting`´ <u>Factor</u>	Weighted Number of <u>Customers</u>	<u>Percent</u>	Customer- Related <u>Cost (\$)</u>	Total Cost <u>Allocation (\$)</u>
Residential	0	1.0000	0	0.0	0	79,125	0.1667	13,190	72.0	2,882,932	2,882,932
Gen Service Non-Demand * *	0	1.0000	0	0.0	0	8,437	0.5000	4,219	23.0	922,026	922,026
Gen Service Demand	0	1.0000	0	0.0	0	1,107	0.6667	738	4.0	161,311	161,311
Large Power	0	1.0000	0	0.0	0	19	1.0000	19	0.1	4,153	4,153
City Street Lighting	0	1.0000	0	0.0	0	5	0.0500	0	0,0	55	55
County Street Lighting	0	1.0000	0	0.0	0	3	0.0500	0	0,0	33	33
Rental Lighting	0	1.0000	0	0.0	0	3,113	0.0500	156	0.8	34,020	34,020
City of Alachua	0	1.0000	0	0.0	0	1	0.0500	0	0.0	11	11
Seminole	0	1,0000	0	0.0	0	1	0.0500	0	0.0		11
	0		0	0.00	0	91,811 ***		18,322	100.00	4,004,551	4,004,551

## CAPITAL INVESTMENT ALLOCATION DETAIL -- CUSTOMER ACCOUNTS CAPITAL DISTRIBUTION: 0 PERCENT DEMAND-RELATED AND 100 PERCENT CUSTOMER-RELATED

Rate Classification	Non- Coincident <u>Peak</u>	Weighting <u>Factor</u>	Weighted Non-Coincident <u>Peak (kW)</u>	<u>Percent</u>	Demand- Related <u>Capital (<b>S</b>)</u>	Number of <u>Customers</u>	Weighting <sup>-</sup> <u>Factor</u>	Weighted Number of <u>Customers</u>	<u>Percent</u>	Customer- Related <u>Capital (\$)</u>	Total Capital <u>Allocation (\$)</u>
Residential	0	1,0000	0	0.0	0	79,125	0.1667	13,190	72.0	2,599,719	2,599,719
Gen Service Non-Demand **	0	1.0000	0	0.0	0	8,437	0.5000	4,219	23.0	831,448	831,448
Gen Service Demand	0	1.0000	0	0.0	0	1,107	0.6667	738	4.0	145,464	145,464
Large Power	0	1.0000	0	0.0	0	19	1.0000	19	0.1	3,745	3,745
City Street Lighting	0	1.0000	0	0.0	0	5	0.0500	0	0.0	49	49
County Street Lighting	0	1.0000	0	0.0	0	3	0.0500	0	0.0	30	30
Rental Lighting	0	1.0000	0	0.0	0	3,113	0.0500	156	0.8	30,678	30,678
City of Alachua	0	1.0000	0	0.0	0	1	0.0500	0	0.0	10	10
Seminole	0	1.0000	0	0.0	0	1	0.0500	0	0.0	10	10
	0		0	0.00	0	91,811 ***		18,322	100.00	3,611,153 ***	3,611,153

NOTES:

[1] From FY87 Cost of Service Study.

[2] General Service Non-Demand includes Traffic Signals.

[3] From Table 6.

[4] From Table 2.

## WORKTABLE 6J

## **COST ALLOCATION DETAIL -- RENTAL LIGHTS (DIRECT)** COST DISTRIBUTION: 0 PERCENT DEMAND-RELATED AND 100 PERCENT CUSTOMER-RELATED

<u>Rate Classification</u>	Non- Coincident <u>Peak</u>	Weighting <u>Factor</u>	Weighted Non-Coincident <u>Peak (kW)</u>	<u>Percent</u>	Demand- Related <u>Cost (\$)</u>	Number of <u>Customers</u>	Weighting <sup>.</sup> <u>Factor</u>	Weighted Number of <u>Customers</u>	<u>Percent</u>	Customer- Related <u>Cost (\$)</u>	Total Cost <u>Allocation (\$)</u>
Residential	0	1.0000	0	0.0	0	79,125	0.0000	0	0.0	0	0
Gen Service Non-Demand	0	1.0000	0	0.0	0	8,437	0.0000	0	0.0	0	0
Gen Service Demand	0	1.0000	0	0.0	0	1,107	0.0000	0	0.0	0	0
Large Power	0	1.0000	0	0.0	0	19	0.0000	0	0.0	0	0
City Street Lighting	0	1.0000	0	0.0	0	5	0.0000	0	0.0	0	0
County Street Lighting	0	1.0000	0	0.0	0	3	0.0000	0	0.0	0	0
Rental Lighting	0	1.0000	0	0.0	0	3,113	1.0000	3,113	100.0	754,455	754,455
City of Alachua	0	1.0000	0	0.0	0	1	0.0000	0	0.0	0	0
Seminole	0	1.0000	0	0.0	0	1	0.0000	0	0.0	0	0
	0		0	0.00	0	91,811		3,113	100.00	754,455 * *	754,455

# **CAPITAL INVESTMENT ALLOCATION DETAIL -- RENTAL LIGHTS (DIRECT)** CAPITAL DISTRIBUTION: 0 PERCENT DEMAND-RELATED AND 100 PERCENT CUSTOMER-RELATED

	Non- Coincident	Weighting	Weighted Non-Coincident		Demand- Related	Number of	Weighting <sup>*</sup>	Weighted Number of		Customer- Related	Total Capital
Rate Classification	<u>Peak</u>	<b>Factor</b>	<u>Peak (kW)</u>	<b>Percent</b>	<u>Capital (\$)</u>	<u>Customers</u>	<b>Factor</b>	<b>Customers</b>	<u>Percent</u>	<u>Capital (\$)</u>	Allocation (\$)
Residential	0	1.0000	0	0.0	0	79,125	0.0000	0	0.0	0	0
Gen Service Non-Demand	0	1.0000	0	0.0	0	8,437	0.0000	0	0.0	0	0
Gen Service Demand	0	1.0000	0	0.0	0	1,107	0.0000	0	0.0	0	0
Large Power	0	1.0000	0	0.0	0	19	0.0000	0	0.0	0	0
City Street Lighting	0	1.0000	0	0.0	0	5	0.0000	0	0.0	0	0
County Street Lighting	0	1.0000	0	0.0	0	3	0.0000	0	0.0	0	0
Rental Lighting	0	1.0000	0	0.0	0	3,113	1.0000	3,113	100.0	7,666,777	7,666,777
City of Alachua	0	1.0000	0	0.0	0	1	0.0000	0	0.0	0	0
Seminole	0	1.0000	0	0.0	0	<u> </u>	0.0000	0	0.0	0	0
	0		0	0.00	0	91,811		3,113	100.00	7,666,777	7,666,777

NOTES:

[1] From FY87 Cost of Service Study.

[1] LIOMETRO COST OF SERVICE STUDY.
[2] General Service Non-Demand includes Traffic Signals.
[3] From Table 6.
[4] From Table 2.

[5] From Table 1.

2006 electric COS.xls

## WORKTABLE 6K

## COST ALLOCATION DETAIL -- STREET LIGHTS (DIRECT) COST DISTRIBUTION: 0 PERCENT DEMAND-RELATED AND 100 PERCENT CUSTOMER-RELATED

Rate Classification	Non- Coincident <u>Peak</u>	Weighting <u>Factor</u>	Weighted Non-Coincident <u>Peak (kW)</u>	<u>Percent</u>	Demand- Related <u>Cost (\$)</u>	Number of <u>Customers</u>	Weighting <sup>* *</sup> <u>Factor</u>	Weighted Number of <u>Customers</u>	<u>Percent</u>	Customer- Related <u>Cost (\$)</u>	Total Cost <u>Allocation (\$)</u>
Residential	0	1.0000	0	0.0	0	79,125	. 0.0000	0	0.0	0	0
Gen Service Non-Demand * *	0	1.0000	0	0.0	0	8,437	0.0000	0	0.0	0	0
Gen Service Demand	0	1.0000	0	0.0	0	1,107	0.0000	0	0.0	0	0
Large Power	0	1.0000	0	0.0	0	19	0.0000	0	0.0	0	0
City Street Lighting	0	1.0000	0	0.0	0	5	1.0000	5	62.5	560,705	560,705
County Street Lighting	0	1.0000	0	0.0	. 0	3	1.0000	3	37.5	336,423	336,423
Rental Lighting	0	1.0000	0	0.0	0	3,113	0.0000	0	0.0	0	0
City of Alachua	0	1.0000	0	0.0	0	1	0.0000	0	0.0	0	0
Seminole	0	1.0000	<u> </u>	0.0	0	1	0.0000	0	0.0		0
	0		0	0.00	0	91,811 <sup>[3]</sup>		8	100.00	897,128 <sup>[4]</sup>	897,128

## CAPITAL INVESTMENT ALLOCATION DETAIL -- STREET LIGHTS (DIRECT) CAPITAL DISTRIBUTION: 0 PERCENT DEMAND-RELATED AND 100 PERCENT CUSTOMER-RELATED

Rate Classification	Non- Coincident <u>Peak</u>	Weighting <u>Factor</u>	Weighted Non-Coincident <u>Peak (kW)</u>	<u>Percent</u>	Demand- Related <u>Capital (\$)</u>	Number of <u>Customers</u>	Weighting <sup>* *</sup> <u>Factor</u>	Weighted Number of <u>Customers</u>	<u>Percent</u>	Customer- Related <u>Capital (\$)</u>	Total Capital <u>Allocation (\$)</u>
Residential	0	1.0000	0	0.0	0	79,125	0.0000	0	0.0	0	0
Gen Service Non-Demand	0	1.0000	0	0.0	0	8,437	0.0000	0	0.0	0	0
Gen Service Demand	0	1.0000	0	0.0	0	1,107	0.0000	0	0.0	0	0
Large Power	0	1.0000	0	0.0	0	19	0.0000	0	0.0	0	0
City Street Lighting	0	1.0000	0	0.0	0	5	1.0000	5	62.5	3,944,888	3,944,888
County Street Lighting	0	1.0000	0	0.0	0	3	1.0000	3	37.5	2,366,933	2,366,933
Rental Lighting	0	1.0000	0	0.0	0	3,113	0.0000	0	0.0	0	0
City of Alachua	0	1.0000	0	0.0	0	1	0.0000	0	0.0	0	0
Seminole	0	1.0000	0	0.0	<u> </u>	<u> </u>	0.0000	0	0.0	0	0
	0		0	0.00	\$0	91,811		8	100.00	6,311,821 '''	6,311,821

NOTES:

[1] From FY87 Cost of Service Study.

[2] General Service Non-Demand includes Traffic Signals.

[3] From Table 6.

[4] From Table 2.

# WORKTABLE 6L

# COST ALLOCATION DETAIL -- ENERGY-RELATED COSTS (EXCLUDING FUEL) BASIS FOR ALLOCATION: ENERGY SALES PLUS LOSSES<sup>[1]</sup>

<u>Rate Classification</u>	Energy Sales <u>Plus Losses</u>	Weighting <u>Factor</u>	Weighted Energy Sales <u>Plus Losses</u>	<u>Percent</u>	Cost (\$) <u>Allocation</u>
Residential	973,474	1.0000	973,474	44.8	1,012,859
Gen Service Non-Demand	218,338	1.0000	218,338	10.1	227,172
Gen Service Demand	574,331	1.0000	574,331	26.4	597,567
Large Power	202,893	1.0000	202,893	9.3	211,102
City Street Lighting	8,373	1.0000	8,373	0.4	8,712
County Street Lighting	3,656	1.0000	3,656	0.2	3,804
Rental Lighting	12,660	1.0000	12,660	0.6	13,172
City of Alachua	105,704	1.0000	105,704	4.9	109,981
Seminole	72,298	1.0000	72,298	3.3	75,223
	2,171,727		2,171,727	100.00	\$2,259,591 <sup>[3]</sup>

## WORKTABLE 6M

# **COST ALLOCATION DETAIL -- FUEL** BASIS FOR ALLOCATION: ENERGY SALES PLUS LOSSES [1]

<u>Rate Classification</u>	Energy Sales <u>Plus Losses</u>	Weighting <u>Factor</u>	Weighted Energy Sales <u>Plus Losses</u>	<u>Percent</u>	Cost (\$) <u>Allocation</u>
Residential	973,474	1.0000	973,474	44.8	50,657,881
Gen Service Non-Demand	218,338	1.0000	218,338	10.1	11,361,927
Gen Service Demand	574,331	1.0000	574,331	26.4	29,887,179
Large Power	202,893	1.0000	202,893	9.3	10,558,196
City Street Lighting	8,373	1.0000	8,373	0.4	435,716
County Street Lighting	3,656	1.0000	3,656	0.2	190,252
Rental Lighting	12,660	1.0000	12,660	0.6	658,804
City of Alachua	105,704	1.0000	105,704	4.9	5,500,651
Seminole	72,298	1.0000	72,298	3.3	3,762,261
	2,171,727		2,171,727	100.00	113,012,867 [3]

NOTES:

[1] From Table 3.

[2] General Service Non-Demand includes Traffic Signals.
[3] From Table 2.

# WORKTABLE 6N

# COST ALLOCATION DETAIL -- GENERAL FUND TRANSFER BASIS FOR ALLOCATION: ENERGY SALES PLUS LOSSES <sup>[1]</sup>

Rate Classification	Energy Sales <u>Plus Losses</u>	Weighting <u>Factor</u>	Weighted Energy Sales <u>Plus Losses</u>	<u>Percent</u>	Cost (\$) <u>Allocation</u>
Residential	973,474	1.0000	973,474	44.8	6,979,858
Gen Service Non-Demand <sup>121</sup>	218,338	1.0000	218,338	10.1	1,565,495
Gen Service Demand	574,331	1.0000	574,331	26.4	4,117,982
Large Power	202,893	1.0000	202,893	9.3	1,454,753
City Street Lighting	8,373	1.0000	8,373	0.4	60,035
County Street Lighting	3,656	1.0000	3,656	0.2	26,214
Rental Lighting	12,660	1.0000	12,660	0.6	90,773
City of Alachua	105,704	1.0000	105,704	4.9	757,903
Seminole	72,298	1.0000	72,298	3.3	518,380
	2,171,727		2,171,727	100.00	15,571,393 <sup>[3]</sup>

NOTES:

[1] From Table 3.

[2] General Service Non-Demand includes Traffic Signals.

[3] From Table 2.

## WORKTABLE 6N

# COST ALLOCATION DETAIL -- GENERAL FUND TRANSFER BASIS FOR ALLOCATION: TOTAL CAPITAL INVESTMENT<sup>[1]</sup>

Rate Classification	Total Capital <u>Investment</u>	Weighting <u>Factor</u>	Weighted Capital <u>Investment</u>	Percent	Cost (\$) <u>Allocation</u>
Residential	201,105,193	1.0000	201,105,193	56.1	8,742,767
Gen Service Non-Demand	51,334,161	1.0000	51,334,161	14.3	2,231,681
Gen Service Demand	56,452,697	1.0000	56,452,697	15.8	2,454,202
Large Power	17,003,537	1.0000	17,003,537	4.7	739,205
City Street Lighting	4,889,355	1.0000	4,889,355	1.4	212,558
County Street Lighting	2,779,516	1.0000	2,779,516	0.8	120,836
Rental Lighting	9,751,317	1.0000	9,751,317	2.7	423,925
City of Alachua	8,382,433	1.0000	8,382,433	2.3	364,415
Seminole	6,482,207	1.0000	6,482,207	1.8	281,805
	358,180,415		358,180,415	100.00	15,571,393 <sup>[3]</sup>

NOTES:

[1] From Table 3.

[2] General Service Non-Demand includes Traffic Signals.

[3] From Table 2.

Table 8 (total cap investment) x Table 9 total (cell M103 here)

total gft from table 2 is allocated to classes based on capital investment ratios, ie. 55.5% of capital assets

are in the residential class, so 55.5% of the gft is assigned to the residential class.