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RECORDS AND
REPORTING
July 20, 2000

ORIGINAL
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Charles A. Guyton
850.222.3423

Blanca S. Bayó, Director
Records and Reporting
Florida Public Service Commission
4075 Esplanade Way, Room 110
Tallahassee, Florida 32399-0850

By Hand Delivery

**Re: FPL/Modification and Extension of Experimental
Real Time Pricing Rate, Rate Schedule RTP-GX**

000902-EI

Dear Ms. Bayó:

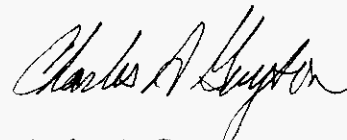
Enclosed for filing on behalf of Florida Power & Light Company (FPL) are the original and fifteen (15) copies of the Petition For Modification and Extension Of Florida Power & Light Company's Experimental Real Time Pricing Rate, Rate Schedule RTP-GX. Please note that attached to the petition are the following FPL tariff sheets: Third Revised Sheet No. 8.620, First Revised Sheet No. 8.622, First Revised Sheet No. 8.623, Third Revised Sheet No. 8.624 and Original Sheet No. 8.625.

The tariff sheets are in final format in Attachment A and in legislative format in Attachment B. Attachment C is a tabulation setting forth the charges applicable under present and proposed rates.

If you or your Staff have any questions regarding this filing, please contact me at 222-2300.

- APP _____
- CAF _____
- CMP _____
- COM _____
- CTR _____
- ECR _____
- LEG _____
- OPC _____
- PAI _____
- RGO _____
- SEC _____
- SER _____
- OTH _____

Very truly yours,



Charles A. Guyton

CAG/ld
TAL_1998/34788-1

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FPSC BUREAU OF RECORDS

DOCUMENT NUMBER-DATE

08839 JUL 20 08

ORIGINAL

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition of Florida Power & Light Company) Docket No. 000 902 EL
Company For Modification And Extension of)
Experimental Real Time Pricing Rate, Rate Schedule) Filed: July 20, 2000
RTP-GX)

PETITION FOR MODIFICATION AND EXTENSION
OF FLORIDA POWER & LIGHT COMPANY'S
EXPERIMENTAL REAL TIME PRICING RATE,
RATE SCHEDULE RTP-GX

Florida Power & Light Company ("FPL"), pursuant to Sections 366.06 and 366.075, Florida Statutes (1999) and Florida Administrative Code Rule 28-106.301, hereby petitions the Florida Public Service Commission ("Commission") to modify, effective January 1, 2001, and extend FPL's Experimental Real Time Pricing Rate, Rate Schedule RTP-GX, through December 2002. The grounds for this Petition are:

1. The name and the address of the affected agency are:

Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

2. FPL's address is 9250 West Flagler Street, Miami, FL 33174. Correspondence, notices, orders and other documents concerning this Petition should be sent to:

Charles A. Guyton
Steel Hector & Davis LLP
Suite 601
215 S. Monroe St.
Tallahassee, FL 32301
(850) 222-2300

William G. Walker, III
Vice President, Regulatory Affairs
Florida Power & Light Company
9250 W. Flagler Street
Miami, FL 33174
(305) 552-4981

DOCUMENT NUMBER-DATE

08839 JUL 20 08

FPSC-RECORDS/REPORTING

3. On October 11, 1994 the Commission issued Order No. PSC-94-1232-FOF-EG approving FPL's experimental real time pricing rate, Rate Schedule RTP-GX, as part of a real time pricing research program. Rate Schedule RTP-GX became effective on February 1, 1995 and would have terminated on December 31, 1998, absent further Commission action. As originally proposed, Rate Schedule RTP-GX was an experimental commercial/industrial rate schedule that provided hourly marginal energy prices and was limited to 50 of the 150 potentially eligible customers whose maximum monthly demand was 1,500 kW or greater. The purpose of FPL's real time pricing research program has been to examine customer reaction to marginal price signals. FPL believes that customers will respond to high hourly marginal cost based energy prices by shifting their load and that the resulting peak demand reductions will make the real time pricing rate a cost-effective conservation program.

4. In November 1995, FPL petitioned the Commission to modify Rate Schedule RTP-GX to extend eligibility from customers with billing demands of 1500 kW or larger to customers with billing demands of 1,000 kW or larger. FPL's experience under Rate Schedule RTP-GX as originally approved had been that not enough customers were signing up for FPL to gather sufficient data to conduct its real time pricing research. FPL had only 4 customers signed for the rate schedule when FPL petitioned to modify the rate. FPL proposed to lower the demand limit governing availability to increase the number of customers taking service. The Commission agreed to the rate change in Order No. PSC-96-0027-FOF-EI, issued on January 8, 1996. Much of the remainder of 1996 was spent signing customers under the rate schedule. By year end 1996, FPL had signed 39 customers for its experimental Rate Schedule RTP-GX.

5. Between the end of 1996 when FPL had secured adequate numbers of customers taking service under Rate Schedule RTP-GX to conduct a meaningful experiment and October, 1998, FPL did not experience sufficient extreme load conditions on its system to allow FPL to gather the data necessary to measure customer responses to Rate Schedule RTP-GX's marginal cost based pricing. It is at times of extreme system load conditions, typical of when customers would be controlled, that the marginal cost based pricing under Rate Schedule RTP would increase significantly and allow measurement of customer response.

6. Because of the difficulty of initially signing sufficient numbers of customers under Rate Schedule RTP-GX and the subsequent limited extreme system load conditions, FPL did not have sufficient data to draw conclusions regarding customer reaction to the marginal cost based pricing under Rate Schedule RTP-GX. Consequently, FPL sought in October 1998 to extend the operation of its experimental Rate Schedule RTP-GX through December 2000.

7. The Commission granted FPL's October 1998 request for extension of the RTP-GX rate offering through December 2000. Order No. PSC-99-0058-FOF-EG, issued January 6, 1999. In so doing, the Commission noted that the extension was appropriate as long as FPL continued to file monthly reports and did not seek recovery of the Marginal Reliability Cost Transactions and the Marginal Recovery Cost Transactions during the RTP-GX experiment.

8. By means of this petition, FPL seeks to modify, effective January 1, 2001, and further extend, through December 2002, the RTP-GX rate offering. Program experience to date suggests there is a need for greater price volatility at time of peak pricing and that more appropriate annual changes to customer's baselines are warranted. Thus, FPL is proposing to modify, effective January 1, 2001, the MREL and MREC components of the rate to increase price volatility and to make other

changes to the rate allowing more participation and more appropriate annual adjustments to customer baselines given customers' actual changes in demand. Once these modifications to the rate are made, FPL will need additional time to monitor customer response. Thus, FPL seeks to further extend the rate, as modified, from December 2000 to December 2002.

9. The tariff sheets for which FPL seeks Commission approval are Third Revised Sheet No. 8.620, First Revised Sheet No. 8.622, First Revised Sheet No. 8.623, Third Revised Sheet No. 8.624 and Original Sheet No. 8.625. These tariff sheets are attached in final format in Attachment A and in legislative format in Attachment B. If the proposed tariff revisions had been in place in 1999, the resulting gross decrease in FPL's annual revenues would have been approximately \$70,000. Stated differently, the proposed change in the rate, if implemented in 1999, would have been essentially revenue neutral, recovering 99.6% of revenues recovered under the existing rate. Also attached as Attachment C is a tabulation in typical bill format setting forth, at representative consumption levels, the charges applicable under present and proposed rates, together with the differences expressed in dollars and percent.

10. To accomplish the extension of the experimental offering of Rate Schedule RTP-GX, FPL has proposed to amend Tariff Sheet No. 8.620 so that the "AVAILABLE" section reads that service under this experimental schedule shall terminate on December 31, 2002, instead of December 31, 2000, unless extended by order of the Commission.

11. To create greater price volatility, effective January 1, 2001 FPL proposes the changes found on Tariff Sheet No. 8.622, changing the means of calculating the MREL and the MREC components of Rate RTP-GX. These changes will not only make price volatility greater, but also make rate calculation easier and easier to explain to customers.

12. Under the current RTP-GX rate, the MREL component has been determined by a complex computer model requiring dozens of hourly inputs. While the theoretical underpinnings of the model are sound, in practice the model's output has produced a negligible number of hours in which the value for MREL has not been zero and virtually no high priced MREL hours. As an alternative, the MREL component has been fixed for four values corresponding to hourly system conditions: 0¢ for normal hours, 10¢ for peaking hours, 30¢ for critical hours, and 90¢ for emergency hours. The conditions that trigger these system categories will be modeled so that 100-200 hours per year will have significant values (10 cents or higher). This change will tend to drive real time pricing prices higher in periods of extremely high demand.

13. Under the current RTP-GX rate, the MREC component has been determined by a formula that increases the value of MREC during low priced hours and decreases the value for MREC during high priced hours. As a result, what price volatility that there was in the rate was dampened by the MREC component. Under the proposed revision, the MREC will become a fixed charge.

14. FPL anticipates that the change in volatility in Rate Schedule RTP-GX will result in some existing customers migrating from the rate. FPL has already seen a decline from a maximum amount of 42 customers taking service under this rate down to 35 customers at the end of the most recently reported quarter. FPL is concerned that with changes in price volatility the number of customers will decline to a level where there will not be sufficient numbers of customers to conduct a valid experiment. Thus, FPL is also seeking to modify the "APPLICATION" section of Rate Schedule RTP-GX on Sheet No. 8.620 to reduce the eligibility level of demand from 1000 kW to 500 kW. Of course, the rate schedule would still be limited to no more than fifty (50) customers.

This change should allow FPL to maintain an adequate number of customers to conduct a valid experiment, and it will also make the demand level consistent with the demand level for other FPL rates.

15. The changes on Tariff Sheet Nos. 8.623 and 8.624 in the Section "CBL ADJUSTMENTS" reflect the proposed changes to customer baselines for demand. Currently, Rate Schedule RTP-GX specifies a generic formula for annual adjustments to both the demand and energy values associated with a customer's baseline load (CBL). A specific CBL adjustment for demand is necessary to take into account variations in customers' individual load shapes.

16. The final modification proposed is not a rate modification but a movement of the "SPECIAL PROVISIONS" section of the rate from one page to another so that there is room on Tariff Sheet No. 8.624 to accommodate the language changes for the CBL Adjustment.

17. FPL is not aware of any disputed issues of material facts.

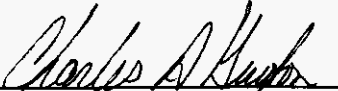
18. This petition is not in response to a prior agency decision, so the petitioner cannot state when and how it "received notice of the agency decision." The modification, effective January 1, 2001, and extension, through December 2002, of Rate Schedule RTP-GX should be approved. FPL is entitled to relief under Sections 366.06, 366.075, Florida Statutes (1999).

WHEREFORE, FPL respectfully petitions the Commission to approve the modification, effective January 1, 2001, and extension, through December 2002, of FPL's Rate Schedule RTP-GX and approve, effective January 1, 2001, Third Revised Sheet No. 8.620, First Revised Sheet No. 8.622, First Revised Sheet No. 8.623, Third Revised Sheet No. 8.624 and Original Sheet No. 8.625 attached to this petition.

Respectfully submitted,

STEEL HECTOR & DAVIS LLP
215 S. Monroe St., Suite 601
Tallahassee, Florida 32301-1804

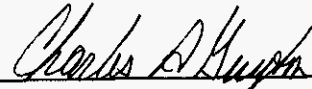
Attorneys for Florida Power
& Light Company

By: 
Charles A. Guyton

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the Petition For Modification and Extension Of Florida Power & Light Company's Experimental Real Time Pricing Rate, Rate Schedule RTP-GX, was mailed this 20th day of July, 2000 to the following:

Jack Shreve, Esquire
Office of Public Counsel
111 West Madison Street
Room 812
Tallahassee, FL 32399-1400



Charles A. Guyton

TAL_1998/34340-5

ATTACHMENT A

REAL-TIME PRICING - GENERAL SERVICE
(OPTIONAL EXPERIMENTAL SCHEDULE)

RATE SCHEDULE RTP-GX:

AVAILABLE:

In all territory served. This is an experimental rate available through the execution of a Real Time Pricing Program Agreement with FPL. Availability is limited to 50 customers, with priority established based on the date that the Agreement is executed by both the Customer and FPL.

Service under this experimental schedule shall terminate on December 31, 2002, unless extended by order of the Florida Public Service Commission.

APPLICATION:

For electric service provided to any Customer served under Schedule GSLD-2, GSLDT-2, GSLD-3 or GSLDT-3 and to any Customer served under Schedule GSLD-1 or GSLDT-1 with a measured demand of at least 500 kW during the historical period used for CBL development. The Customer shall enter into a Real Time Pricing Program Agreement with FPL for service under this schedule.

SERVICE:

Three phase, 60 hertz at any available standard voltage.

Transformation Rider - TR, where applicable, shall only apply to the Customer's Maximum Demand for the period represented in the Customer Baseline Load (CBL) for delivery voltages below 69 kv. Standby Service is not available hereunder. Resale of service is not permitted hereunder.

REAL-TIME PRICING:

Customers participating in Real Time Pricing service under Schedule RTP-GX purchase energy at hourly prices that are based on FPL's projected hourly marginal costs. Hourly prices for energy are posted by FPL on a day-ahead basis, or on the last business day prior to weekends and holidays. In addition to the Usage Charge, RTP-GX service includes a monthly Access Charge and an Administrative Charge.

The RTP Access Charge is customer-specific and is calculated such that each Customer's monthly bill under RTP-GX is equal in amount to the bill which would otherwise have been generated under the Customer's otherwise applicable rate schedule for the energy consumption identical to the Customer's CBL. The Customer's monthly bill under RTP-GX will vary from this billing amount only as a result of consumption which varies from the Customer's CBL as measured on an hourly basis.

(Continued on Sheet No. 8.621)

(Continued from Sheet No. 8.621)

The Marginal Reliability Cost (MREL) represents the system reliability impact of an additional kW consumed and is determined for each hour by the system conditions for that hour. For MREL determination, there are four (4) system condition categories: Normal, Peaking, Critical and Emergency. The hourly MREL price for the corresponding system condition categories are:

MREL = 0¢ during Normal
MREL = 10¢ during Peaking
MREL = 30¢ during Critical
MREL = 90¢ during Emergency

System conditions are determined based on, but not limited to, the following: expected marginal operating costs, system load levels, expected load interruption and the use of load management.

The Marginal Recovery Component (MREC) is established to recover a portion of the otherwise applicable rate.

The hourly MREC prices are:

MREC = .75¢ for customers from GSLD-1, GSLDT-1, GSLD-2 & GSLDT-2
MREC = .25¢ for customers from GSLD-3 & GSLDT-3

NOTIFICATION OF HOURLY RTP ENERGY PRICES:

The hourly RTP Energy Prices shall be made available to RTP-GX Customers by 4:00 p.m. Eastern Time of the preceding business day. Prices for Saturday, Sunday and Monday shall be available by 4:00 p.m. Eastern Time on the preceding Friday. For a recognized holiday and the day following the holiday, prices will be available the preceding business day. FPL retains the right to issue revised prices for a Sunday, Monday, holiday, or the day following a holiday when updated projections would result in significantly different hourly RTP Energy Prices. Such revised prices shall be available not later than 4:00 p.m. on the day prior to their being in effect.

Customers are required to notify FPL by 5:00 p.m. Eastern Time on the day of scheduled communication if the prices are not received, as specified in the Real Time Pricing Program Agreement.

CUSTOMER BASELINE LOAD (CBL):

The Customer Baseline Load (CBL) is specific to each RTP Customer and represents a complete calendar year of hourly energy levels (kWh), as well as the corresponding 12 monthly on-peak and off-peak billing demands based on the Customer's otherwise applicable rate schedule.

CBL DETERMINATION:

CBLs for new RTP-GX customers are determined in two steps:

1. Development of the "Historic Base-Year CBL"

Historic Base-Year CBLs for new RTP-GX subscribers will be developed by FPL using recent continuous one year's (12 consecutive months) hourly load data. The historic period from which the hourly load data will be drawn shall be defined such that the first month falls within eighteen months of the RTP service initiation date for the Customer. For situations in which hourly data are not available, a CBL will be constructed to fit available aggregate metered usage data using load shapes from customers with similar usage patterns, and from engineering and operating data provided by the Customer and verified by FPL.

(Continued on Sheet No. 8.623)

(Continued from Sheet No. 8.622)

2. Calendar-Mapping of the Historic Base-Year CBL to the RTP service year.

To provide the Customer with the appropriate CBL for each day of the RTP service year, each day of the Historic Base-Year CBL is calendar-mapped to the corresponding day of the RTP service year. Calendar-mapping is a day-matching exercise performed to ensure that Mondays are matched to Mondays, Tuesdays are matched to Tuesdays, holidays to holidays, etc. Calendar-mapping also reflects customer shutdown schedules. Calendar-mapping is performed prior to each year of RTP service after adjustments, if any, are made to the CBL.

CBL ADJUSTMENTS:

In order that the CBL reflect as accurately as possible the energy and demand that the Customer would consume on his otherwise applicable rate schedule, adjustments to the CBL shall be made for:

1. The installation of permanent energy efficiency measures either as a result of participation in FPL's Demand-Side Management Programs or other verifiable conservation or technology efficiency improvement measures;

(CBL adjustments of this type will be made prior to the initial RTP service year, and thereafter, at any time during the RTP service year. These CBL adjustments will be made effective to coincide with the time of the efficiency measures installation.)

2. The permanent removal of customer equipment that results in a permanent loss of electric load, including any fuel substitution resulting in permanently reduced electricity consumption;

(CBL adjustments of this type will be made prior to the initial RTP service year, and thereafter, at any time during the RTP service year. These CBL adjustments will be made effective to coincide with the time of the equipment removal.)

3. The permanent addition of customer equipment;

(CBL adjustments of this type will be made prior to the initial year of RTP service based upon known or reasonably anticipated changes in customer usage and/or demand that are not related to the introduction of RTP.)

4. One-time extraordinary events, such as a hurricane, other natural causes or disasters; and

(CBL adjustments of this type will be made as circumstances dictate in order that the Customer not be unfairly penalized for circumstances that affect his usage but that are not under his control.)

5. Other changes in usage ("Annual Energy and Demand Usage Adjustments");

(Annual Usage Adjustments will be made on the Customer's RTP-GX service anniversary date in preparation for the following RTP-GX service year.)

(The Annual Energy Usage Adjustment is based on the variance between the Customer's CBL and the Customer's actual load from the recent 12 months of RTP-GX service.)

(Continued on Sheet No. 8.624)

(Continued from Sheet No. 8.623)

(For each month, the "Load Change" is calculated as the difference between the Customer's total actual usage for the month and the total usage represented by the CBL for the month. When the absolute value of the Load Change exceeds 10% of the total usage reflected in the CBL for that month, an Energy Usage Adjustment will be made to all hours of the CBL for that month, as follows:

$$CBL_1 = CBL_0 \times [1 + (A\text{-factor} \times \text{Load Change} / CBL_0)]$$

where:

- CBL₁ = the new CBL for that month, for use in the next RTP Service Year
- CBL₀ = the current CBL for that month, as used in the current RTP Service Year, as adjusted for adjustments 1 - 4 above
- A-Factor = the adjustment factor, currently equal to 0.50
- Load Change = the difference in that month between the Customer's total usage for the month and the total usage represented by the CBL

The Annual Energy Usage Adjustment shall not result in any downward usage adjustment greater than 20% of the CBL.

(The Annual Demand Usage Adjustment is based on the variance between the Billing Demand incorporated in the Customer's CBL-based Usage Charge and the Billing Demand implied by the Customer's actual load from the recent 12 months of RTP-GX service.)

When the Billing Demand implied by a Customer's actual load varies by more than 10% from the Billing Demand incorporated in the Customer's CBL-based Usage Charge for a given month a Demand Adjustment will be made for that month as follows:

$$CBL \text{ Demand}_1 = A\text{-factor} \times \text{Demand Change} + CBL \text{ Demand}_0$$

where:

- CBL Demand₁ = the Billing Demand to be incorporated in the new CBL-based Usage Charge for that month, in the next RTP Service Year
- CBL Demand₀ = the Billing Demand incorporated in the CBL-based Usage Charge for a current month
- A-Factor = the adjustment factor, currently equal to 0.50
- Demand Change = the difference in that month between the Billing Demand under the otherwise applicable rate implied by the Customer's actual usage and the Billing Demand incorporated in the Customer's CBL-based Usage Charge

(The Annual Demand Adjustment shall not result in any downward demand adjustment greater than 20% of the Billing Demand incorporated in the CBL-based Usage Demand.)

TERM OF SERVICE:

Service under Schedule RTP-GX is for an initial term of one year and is renewable on an annual basis, subject to termination. Service under this experimental schedule shall terminate on December 31, 2002, unless extended by order of the Florida Public Service Commission. Customers may terminate service under this schedule upon sixty (60) days' written notice to FPL. In addition, failure by a Customer to renew service during the annual renewal period (the last month of each contract term) shall constitute voluntary termination of service under this schedule. FPL may terminate program participation at any time for failure to comply with any of the provisions of this schedule or the Real Time Pricing Program Agreement, after giving the Customer 30 days' notice to comply. Once participation in this program is terminated by the Customer or FPL, a Customer is not eligible to participate again for the duration of the Real Time Pricing experiment.

(Continued on Sheet No. 8.625)

Issued by: P. J. Evanson, President
Effective:

(Continued from Sheet No. 8.624)

SPECIAL PROVISIONS:

1. If there is a change in the legal identity of the Customer receiving RTP-GX service, service under this schedule will be terminated unless a new Real Time Pricing Program Agreement, including agreement on an appropriate CBL, is executed.
2. If the Customer's actual load exceeds the CBL by an amount which requires FPL to install additional local facilities to serve the Customer, the Customer will be responsible for any such costs incurred by the Company.
3. The "otherwise applicable rate" for each Customer is defined as the rate under which the Customer was being billed immediately prior to taking service under Schedule RTP-GX. The "otherwise applicable rate" must be one of the rates listed under APPLICATION. The Fuel Charge, Conservation Charge, Capacity Payment Charge, Oil Backout Charge, and Environmental Cost Recovery Clause are only applicable to the calculation of the RTP Access Charge and as defined in the Customer's otherwise applicable rate schedule.

RULES AND REGULATIONS:

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

ATTACHMENT B

REAL-TIME PRICING - GENERAL SERVICE
(OPTIONAL EXPERIMENTAL SCHEDULE)RATE SCHEDULE RTP-GX:AVAILABLE:

In all territory served. This is an experimental rate available through the execution of a Real Time Pricing Program Agreement with FPL. Availability is limited to 50 customers, with priority established based on the date that the Agreement is executed by both the Customer and FPL.

Service under this experimental schedule shall terminate on December 31, ~~2000~~ 2002, unless extended by order of the Florida Public Service Commission.

APPLICATION:

For electric service provided to any Customer served under Schedule GSLD-2, GSLDT-2, GSLD-3 or GSLDT-3 and to any Customer served under Schedule GSLD-1 or GSLDT-1 with a measured demand of at least ~~4000~~500 kW during the historical period used for CBL development. The Customer shall enter into a Real Time Pricing Program Agreement with FPL for service under this schedule.

SERVICE:

Three phase, 60 hertz at any available standard voltage.

Transformation Rider - TR, where applicable, shall only apply to the Customer's Maximum Demand for the period represented in the Customer Baseline Load (CBL) for delivery voltages below 69 kv. Standby Service is not available hereunder. Resale of service is not permitted hereunder.

REAL-TIME PRICING:

Customers participating in Real Time Pricing service under Schedule RTP-GX purchase energy at hourly prices that are based on FPL's projected hourly marginal costs. Hourly prices for energy are posted by FPL on a day-ahead basis, or on the last business day prior to weekends and holidays. In addition to the Usage Charge, RTP-GX service includes a monthly Access Charge and an Administrative Charge.

The RTP Access Charge is customer-specific and is calculated such that each Customer's monthly bill under RTP-GX is equal in amount to the bill which would otherwise have been generated under the Customer's otherwise applicable rate schedule for the energy consumption identical to the Customer's CBL. The Customer's monthly bill under RTP-GX will vary from this billing amount only as a result of consumption which varies from the Customer's CBL as measured on an hourly basis.

(Continued on Sheet No. 8.621)

(Continued from Sheet No. 8.621)

The Marginal Reliability Cost (MREL) represents the system reliability impact of an additional kW consumed and is ~~calculated for each hour as:~~ determined for each hour by the system conditions for that hour. For MREL determination, there are four (4) system condition categories: Normal, Peaking, Critical and Emergency. The hourly MREL price for the corresponding system condition categories are:

$$\text{MREL} = R_i \times (\$7.50 - \text{MOP}) \text{ where:}$$

R_i is the reliability ratio for each hour i , calculated as the projected unserved kWh per incremental kW of load for the hour, as determined by FPL.

$$\begin{aligned} \text{MREL} &= 0\text{¢ during Normal Hours} \\ \text{MREL} &= 10\text{¢ during Peaking Hours} \\ \text{MREL} &= 30\text{¢ during Critical Hours} \\ \text{MREL} &= 90\text{¢ during Emergency Hours} \end{aligned}$$

System conditions are determined based on, but not limited to, the following: expected marginal operating costs, system load levels, expected load interruption and the use of load management.

The Marginal Recovery Component (MREC) is ~~calculated as:~~ established to recover a portion of the otherwise applicable rate.

$$\text{MREC} = 40\% \times (\text{Reference Price} - (\text{MOP} + \text{MREL})) \text{ where:}$$

The hourly MREC prices are:

$$\text{Reference Price MREC} = 5.6\text{¢} \text{ for customers from GSLD-1, GSLDT-1, GSLD-2 \& GSLDT-2}$$

$$\text{Reference Price MREC} = 4.6\text{¢} \text{ for customers from GSLD-3 \& GSLDT-3}$$

The MREC shall never be less than zero (0).

NOTIFICATION OF HOURLY RTP ENERGY PRICES:

The hourly RTP Energy Prices shall be made available to RTP-GX Customers by 4:00 p.m. Eastern Time of the preceding business day. Prices for Saturday, Sunday and Monday shall be available by 4:00 p.m. Eastern Time on the preceding Friday. For a recognized holiday and the day following the holiday, prices will be available the preceding business day. FPL retains the right to issue revised prices for a Sunday, Monday, holiday, or the day following a holiday when updated projections would result in significantly different hourly RTP Energy Prices. Such revised prices shall be available not later than 4:00 p.m. on the day prior to their being in effect.

Customers are required to notify FPL by 5:00 p.m. Eastern Time on the day of scheduled communication if the prices are not received, as specified in the Real Time Pricing Program Agreement.

CUSTOMER BASELINE LOAD (CBL):

The Customer Baseline Load (CBL) is specific to each RTP Customer and represents a complete calendar year of hourly energy levels (kWh), as well as the corresponding 12 monthly on-peak and off-peak billing demands based on the Customer's otherwise applicable rate schedule.

CBL DETERMINATION:

CBLs for new RTP-GX customers are determined in two steps:

1. Development of the "Historic Base-Year CBL"

Historic Base-Year CBLs for new RTP-GX subscribers will be developed by FPL using recent continuous one year's (12 consecutive months) hourly load data. The historic period from which the hourly load data will be drawn shall be defined such that the first month falls within eighteen months of the RTP service initiation date for the Customer. For situations in which hourly data are not available, a CBL will be constructed to fit available aggregate metered usage data using load shapes from customers with similar usage patterns, and from engineering and operating data provided by the Customer and verified by FPL.

(Continued on Sheet No. 8.623)

(Continued from Sheet No. 8.622)

2. Calendar-Mapping of the Historic Base-Year CBL to the RTP service year.

To provide the Customer with the appropriate CBL for each day of the RTP service year, each day of the Historic Base-Year CBL is calendar-mapped to the corresponding day of the RTP service year. Calendar-mapping is a day-matching exercise performed to ensure that Mondays are matched to Mondays, Tuesdays are matched to Tuesdays, holidays to holidays, etc. Calendar-mapping also reflects customer shutdown schedules. Calendar-mapping is performed prior to each year of RTP service after adjustments, if any, are made to the CBL.

CBL ADJUSTMENTS:

In order that the CBL reflect as accurately as possible the energy and demand that the Customer would consume on his otherwise applicable rate schedule, adjustments to the CBL shall be made for:

1. The installation of permanent energy efficiency measures either as a result of participation in FPL's Demand-Side Management Programs or other verifiable conservation or technology efficiency improvement measures;

(CBL adjustments of this type will be made prior to the initial RTP service year, and thereafter, at any time during the RTP service year. These CBL adjustments will be made effective to coincide with the time of the efficiency measures installation.)

2. The permanent removal of customer equipment that results in a permanent loss of electric load, including any fuel substitution resulting in permanently reduced electricity consumption;

(CBL adjustments of this type will be made prior to the initial RTP service year, and thereafter, at any time during the RTP service year. These CBL adjustments will be made effective to coincide with the time of the equipment removal.)

3. The permanent addition of customer equipment;

(CBL adjustments of this type will be made prior to the initial year of RTP service based upon known or reasonably anticipated changes in customer usage and/or demand that are not related to the introduction of RTP.)

4. One-time extraordinary events, such as a hurricane, other natural causes or disasters; and

(CBL adjustments of this type will be made as circumstances dictate in order that the Customer not be unfairly penalized for circumstances that affect his usage but that are not under his control.)

5. Other changes in usage ("Annual Energy and Demand Usage Adjustments");

(Annual Usage Adjustments will be made on the Customer's RTP-GX service anniversary date in preparation for the following RTP-GX service year.)

(The Annual Energy Usage Adjustment is based on the variance between the Customer's CBL and the Customer's actual load from the recent 12 months of RTP-GX service.)

(Continued on Sheet No. 8.624)

(Continued from Sheet No. 8.623)

(For each month, the "Load Change" is calculated as the difference between the Customer's total actual usage for the month and the total usage represented by the CBL for the month. When the absolute value of the Load Change exceeds 10% of the total usage reflected in the CBL for that month, an Energy Usage Adjustment will be made to all hours of the CBL for that month, as follows:

$$CBL_1 = CBL_0 \times [1 + (A\text{-factor} \times \text{Load Change} / CBL_0)]$$

where:

- CBL₁ = the new CBL for that month, for use in the next RTP Service Year
- CBL₀ = the current CBL for that month, as used in the current RTP Service Year, as adjusted for adjustments adjustments 1 - 4 above
- A-Factor = the adjustment factor, currently equal to 0.50
- Load Change = the difference in that month between the Customer's total usage for the month and the total usage represented by the CBL

The Annual Energy Usage Adjustment shall not result in any downward usage adjustment greater than 20% of the CBL.)

(The Annual Demand Usage Adjustment is based on the variance between the Billing Demand incorporated in the Customer's CBL-based Usage Charge and the Billing Demand implied by the Customer's actual load from the recent 12 months of RTP-GX service.)

When the Billing Demand implied by a Customer's actual load varies by more than 10% from the Billing Demand incorporated in the Customer's CBL-based Usage Charge for a given month a Demand Adjustment will be made for that month as follows:

$$CBL\ Demand_1 = A\text{-factor} \times \text{Demand Change} + CBL\ Demand_0$$

where:

- CBL Demand₁ = the Billing Demand to be incorporated in the new CBL-based Usage Charge for that month, in the next RTP Service Year
- CBL Demand₀ = the Billing Demand incorporated in the CBL-based Usage Charge for a current month
- A-Factor = the adjustment factor, currently equal to 0.50
- Demand Change = the difference in that month between the Billing Demand under the otherwise applicable rate implied by the Customer's actual usage and the Billing Demand incorporated in the Customer's CBL-based Usage Charge

(The Annual Demand Adjustment shall not result in any downward demand adjustment greater than 20% of the Billing Demand incorporated in the CBL-based Usage Demand.)

TERM OF SERVICE:

Service under Schedule RTP-GX is for an initial term of one year and is renewable on an annual basis, subject to termination. Service under this experimental schedule shall terminate on December 31, ~~2000~~ 2002, unless extended by order of the Florida Public Service Commission. Customers may terminate service under this schedule upon sixty (60) days' written notice to FPL. In addition, failure by a Customer to renew service during the annual renewal period (the last month of each contract term) shall constitute voluntary termination of service under this schedule. FPL may terminate program participation at any time for failure to comply with any of the provisions of this schedule or the Real Time Pricing Program Agreement, after giving the Customer 30 days' notice to comply. Once participation in this program is terminated by the Customer or FPL, a Customer is not eligible to participate again for the duration of the Real Time Pricing experiment.

SPECIAL PROVISIONS:

- ~~1. If there is a change in the legal identity of the Customer receiving RTP-GX service, service under this schedule will be terminated unless a new Real Time Pricing Program Agreement, including agreement on an appropriate CBL, is executed.~~
- ~~2. If the Customer's actual load exceeds the CBL by an amount which requires FPL to install additional local facilities to serve the Customer, the Customer will be responsible for any such costs incurred by the Company.~~
- ~~3. The "otherwise applicable rate" for each Customer is defined as the rate under the which the Customer was being billed immediately prior to taking service under Schedule RTP-GX. The "otherwise applicable rate" must be one of the rates listed under APPLICATION. The Fuel Charge, Conservation Charge, Capacity Payment Charge, Oil Backout Charge, and Environmental Cost Recovery Clause are only applicable to the calculation of the RTP Access Charge and as defined in the Customer's otherwise applicable rate schedule.~~

RULES AND REGULATIONS:

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

(Continued on Sheet No. 8.625)

(Continued from Sheet No. 8.624)

SPECIAL PROVISIONS:

1. If there is a change in the legal identity of the Customer receiving RTP-GX service, service under this schedule will be terminated unless a new Real Time Pricing Program Agreement, including agreement on an appropriate CBL, is executed.
2. If the Customer's actual load exceeds the CBL by an amount which requires FPL to install additional local facilities to serve the Customer, the Customer will be responsible for any such costs incurred by the Company.
3. The "otherwise applicable rate" for each Customer is defined as the rate under ~~the~~ which the Customer was being billed immediately prior to taking service under Schedule RTP-GX. The "otherwise applicable rate" must be one of the rates listed under APPLICATION. The Fuel Charge, Conservation Charge, Capacity Payment Charge, Oil Backout Charge, and Environmental Cost Recovery Clause are only applicable to the calculation of the RTP Access Charge and as defined in the Customer's otherwise applicable rate schedule.

RULES AND REGULATIONS:

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

Issued by: P. J. Evanson, President

Effective:

ATTACHMENT C

Typical RTP Customer with 1200 KW and 550,000 KWH per month

Start	End	RTP Bill	Revised RTP Bill	Difference	% Difference
12/30/98	1/29/99	\$25,782.58	\$25,543.86	-\$238.72	-0.93%
1/29/99	3/1/99	\$26,776.07	\$26,764.89	-\$11.18	-0.04%
3/1/99	3/30/99	\$26,580.96	\$26,391.89	-\$189.07	-0.71%
3/30/99	4/29/99	\$27,520.97	\$27,899.44	\$378.47	1.38%
4/29/99	5/28/99	\$28,422.25	\$28,466.26	\$44.01	0.15%
5/28/99	6/29/99	\$32,718.67	\$32,655.39	-\$63.28	-0.19%
6/29/99	7/29/99	\$32,161.40	\$32,009.99	-\$151.41	-0.47%
7/29/99	8/30/99	\$33,492.30	\$33,386.48	-\$105.82	-0.32%
8/30/99	9/29/99	\$31,875.51	\$31,769.12	-\$106.39	-0.33%
9/29/99	10/28/99	\$29,701.97	\$29,709.87	\$7.90	0.03%
10/28/99	11/30/99	\$30,697.73	\$30,871.66	\$173.93	0.57%
11/30/99	12/30/99	\$25,627.06	\$25,709.35	\$82.29	0.32%
Total 1999		\$351,357.47	\$351,178.21	-\$179.26	-0.05%

Note: Revised RTP Bill has been grossed up 6% to account for Gross Receipts tax and Franchise charge.