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76 South Main St.
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January 21, 2004

Public Utilities Commission of Ohio
Docketing Division
180 E. Broad Street
Columbus, OH 43215

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Re: 03-2175-EL-ATA
89-6006-EL-TRF

As ordered by the Commission in its January 7, 2004 Order in Case No. 03-2175-EL-ATA, enclosed for filing are an original and four copies of Ohio Edison's new Experimental Day-Ahead Real Time Pricing tariff.

Please docket the original in Case No. 03-2175-EL-ATA while docketing one copy in Case No. 89-6006-EL-TRF. Two of the remaining copies are for distribution to the Electricity Division of the Utilities Department. I would ask that you date and time stamp the final copy and return it in the enclosed envelope.

Thank you for your assistance in this matter.

Sincerely,

Stephen N. Hadick
(330) 761-4312

Enclosures

This is to certify that the images appearing are an
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The Public Utilities Commission of Ohio

Issued by Anthony J. Alexander, President

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Filed pursuant to Order dated January 7, 2004 in Case No. 03-2175-EL-ATA before

The Public Utilities Commission of Ohio

Issued by Anthony J. Alexander, President

Effective: February 1, 2004

Experimental Day Ahead Real Time Pricing Program

Firm Power Service

Availability:

Available to Full Service customers served under General Service-Large, Rate 23, General Service, Rate 21 at voltages other than secondary and General Service-High Use Manufacturing, Rate 28, including Special Arrangements for Economic Development and Shoulder Hour Agreements. Additional types of customers may be added upon mutual agreement of the parties and notice to the Public Utilities Commission of Ohio. The number of customers permitted on this experimental rate in conjunction with Rate Schedule 78 will be limited to no more than a total of forty-three (43) customers whose billing maximum 30-minute demands exceed 100 kVA. These customers will be selected by the Company and will be limited to 500 MW of demand. At the Company's discretion, the total number of customers and the total MW of company load eligible for the program may be increased by up to 100%. This experimental rate is available to customers served through one meter for each installation. Service under the RTP Program will be offered on an experimental basis through December 31, 2005, unless earlier terminated by the Company. Customers must enter into the written service agreement. A Full Service customer is one that receives all retail electric services from the Company.

Program Description:

The RTP program is an experimental program whose purpose is to test customer response to hourly price signals based on the Company's quoted price to supply electricity. The RTP Program is scheduled to be offered through December 31, 2005, unless earlier terminated by the Company, and is a voluntary program. Participation in the RTP Program offers customers the opportunity to manage their electric costs by either shifting load from higher price to lower price periods or by adding new load during lower price periods. Binding quotes will be sent to each customer on a prior business day basis (Hourly RTP). The program is designed to be bill neutral to each customer whose actual usage and usage pattern equals their historical usage through the use of a customer-specific Customer Baseline Load (CBL).

Customer Baseline Load:

For existing customers enrolling in the RTP program, the CBL shall be based on historic interval customer-specific load and usage data that represents the electricity consumption pattern and level of the customer's operation under the existing rate tariff/contract. The CBL is the basis for achieving bill neutrality on a customer-specific basis for customers billed under this tariff and is to be mutually agreed upon by both the customer and the Company as representing the customer's usage pattern under the customer's existing rate tariff/contract (current non-RTP or special contract). The CBL for customers establishing new service for new load to the Company's service territory shall be derived by the Company using projected usage, which may include setting the CBL at one-half of expected usage. Agreement on the CBL is a precondition for customer participation in the RTP Program. The CBL will not change during the contract term except where expressly provided in this tariff or service agreement.

The CBL may be adjusted at the Company's discretion in special cases such as when a customer's actual kilowatthour usage falls below 50 percent of the CBL for three consecutive billing periods, to account for the existence of on-site generation equipment or due to the cost of increased facilities.

RTP Billing:

Customers participating in the RTP Program will be billed monthly based on the following calculation:

$$\text{RTP Bill} = \text{AC} + \text{EC} + \text{EEF} + \text{USR} + \text{PC} + \text{SLT}$$

Where:

AC = Access Charge
EC = Energy Charge
EEF = Temporary EEF Rider
USR = Universal Service Rider
PC = Program Charge
SLT = State and Local Tax Rider

RTP credits shall exist when actual usage is curtailed below the CBL, except during forced outages by the Company, and shall be applied only in the billing period in which they occur. However, customer bills for electricity usage under the RTP Program in any billing month shall never be less than the sum of the applicable Program Charge, Universal Service Rider, Temporary EEF Rider and State and Local Tax Rider as defined in this rate, as well as any applicable rider approved by the Public Utilities Commission of Ohio, except to the extent necessary to correct a billing error from a prior bill. No RTP Credits may be carried forward or applied in a future billing period.

Access Charge:

The Access Charge is designed to achieve bill neutrality with the customer's existing rate tariff/contract if no change in electricity usage pattern occurs. The Access Charge is calculated at the end of the billing period and changes each billing period to maintain bill neutrality for a customer's CBL.

The Access Charge will be calculated as follows:

$$\text{AC} = (\text{Standard Bill @ CBL}) - \left\{ \sum_{t=1}^n (\text{CBL}_t \times \text{RTP}_t) \right\}$$

Where:

AC = Access Charge
Standard Bill = Customer's bill for the specific month on the existing rate tariff/contract, using the CBL period to establish the applicable billing determinants
CBL_t = Customer Baseline Load at hour_t
RTP_t = The applicable Hourly RTP for hour_t
n = Total number of hours in the billing period
t = An hour in the billing period

The CBL shall be adjusted to reflect applicable metering adjustments under the customer's existing rate tariff/contract. The Universal Service Rider, Temporary EEF Rider and State and Local Tax Rider shall be excluded from the calculation of the Access Charge.

Energy Charge:

The Energy Charge is applied to energy usage based on the hourly energy price quotes provided the previous day, as defined below in the section entitled "Hourly RTP," by Company.

The Energy Charge will be calculated as follows:

$$EC = \sum_{t=1}^n (kWh_t \times RTP_t)$$

Where:

- kWh_t = Customer's actual kilowatt-hour usage in hour t
- RTP_t = The applicable Hourly RTP at hour t
- t = An hour in the billing period
- n = Total number of hours in the billing period

The actual kWh_t shall be adjusted to reflect applicable metering adjustments under the customer's existing rate tariff/contract.

Hourly RTP:

The Hourly RTP will be equal to:

$$RTP_t = (MC_t \times (1 + LAF)) + Adder_t$$

Where:

- LAF = Loss adjustment factor
 - 3% for transmission 138 kV service voltage
 - 5% for subtransmission (23, 34.5, or 69 kV) service voltages
 - 7% for primary distribution service voltages
- MC_t = $MGC_t + MTC_t$
- MGC_t = Estimated cost of generation capacity and energy in the wholesale market for hour t on a ¢/kilowatt-hour basis.
- * MTC_t = Hourly marginal transmission cost for hour t

* $Adder_t$ (applicable only when Customer's actual kilowatt-hour usage is greater than Customer Baseline Load; in all other hours $Adder_t$ = zero.) =

- 1.5¢/kWh for on-peak hours for transmission (138 kV) service voltage
- 2.1¢/kWh for on-peak hours for subtransmission (23, 34.5, and 69 kV) service voltages
- 2.7¢/kWh for on-peak hours for primary distribution service voltages
- 0.5¢/kWh for off-peak hours for all voltages

*The marginal transmission cost will initially be set at zero. The Company reserves the right to include this cost in future marginal cost calculations. The Company also reserves the right to make adjustments to the $Adder$ of between -0.8¢/kWh and +0.8¢/kWh. The Company will obtain Commission approval before including such costs or adjusting the $Adder$ and will notify participating customers of its intent to seek such approval.

The Company will make available to the customer, by 1:00 p.m. each day, the twenty-four Hourly RTP's that will be charged the next day. The Company will make available to the customer weekend and Monday Hourly RTP by 1:00 p.m. on the last regular business day of the preceding week. The Company may send more than one-day-ahead Hourly RTP for holidays identified in the Company's tariffs. The Company may

revise these prices by 1:00 p.m. the day before they become effective. Company will provide the Hourly RTP via the Internet.

The Company shall not be responsible for failure of the customer to receive and act upon the Hourly RTP. The customer is responsible for notifying the Company of any failure to receive the Hourly RTP by 3:00 p.m. the business day before they become effective.

The customer is responsible for its access to the Internet. The customer will be responsible for providing a dedicated telephone line for metering purposes at each metering point.

Minimum Adder Charge:

If charges produced by the Adder (Adder Charge) are less than the Minimum Adder Charge, the RTP Bill shall be increased by the difference between them (Minimum Adder Charge less the Adder Charge). The Minimum Adder Charge and Adder Charge shall be calculated as follows:

Minimum Adder Charge = Min Rate x MIK

MIK = Maximum Positive Incremental kWh per hour usage = the higher of $(kWh_{mx} - SBD)$ or Zero

$$\text{Adder Charge} = \sum_{t=1}^n ((kWh_t - CBL_t) \times \text{Adder}_t)$$

Where:

Min Rate = \$1.18 per kW for transmission (138 kV) service voltage
= \$1.24 per kW for subtransmission (23, 34.5 and 69 kV) service voltages
= \$1.32 per kW for primary distribution service voltages

kWh_t = Customer's actual kilowatt-hour usage for hour t
 kWh_{mx} = Customer's maximum actual on-peak kilowatt-hour usage for one hour in the billing period
SBD = Customer Baseline Load Standard Bill demand in kilowatts
 Adder_t = The Adder for hour t as defined in the section entitled "Hourly RTP"
t = An hour in the billing period
n = Total number of hours in the billing period

Applicable Riders:

The Rates and charges specified above shall be modified in accordance with the provisions of the following applicable Riders, in addition to any other applicable rider approved by the Public Utilities Commission of Ohio, unless otherwise stated above.

Universal Service Rider	Sheet No. 90
Temporary Rider for EEF	Sheet No. 91
State and Local Tax Rider	Sheet No. 92
State kWh Tax Self-Assessor Credit Rider	Sheet No. 95

Program Charge:

A charge of \$150.00 per billing period shall be added to customer's bill each month to cover the additional billing, administrative, and communication costs associated with the RTP Program.

Terms and Conditions:

Except as provided in this rate schedule, all terms, conditions, rates, and charges outlined in the customer's existing rate tariff/contract will continue to apply. Participation in the RTP Program will not affect the customer's obligations for electric service under the existing rate tariff/contract. Except as expressly provided in this rate schedule, participation in the RTP Program is mutually exclusive to any other retail program the Company may offer. At the Company's discretion, the output of any on-site Customer generating unit(s) that may be operated at times other than during forced outages of the Company's service or during routine maintenance periods shall be metered separately using recording meters of a type specified by the Company. Such metering shall be acquired and installed at the Customer's expense.

The primary term of service is through December 31, 2005, unless earlier terminated by the Company. However, a customer may elect to terminate participation in the RTP Program at the end of a billing period with three business days prior written notice and return to billing under the existing rate tariff/contract. Terminating customers may not return to the RTP program during the experiment. A customer shall be removed from participation in the RTP program if bill payment in full is not received by the Company before thirty (30) days past the due date specified on the customer's bill from the Company, except for valid cause, such as due to a legitimate billing dispute.

The supplying of and billing for service and all conditions applying thereto, are subject to the jurisdiction of the Public Utilities Commission of Ohio, and to the Company's Standard Rules and Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

Experimental Day Ahead Real Time Pricing Program

Interruptible Power

Availability:

Available to Full Service customers served under Standard Interruptible Service, Incremental Interruptible Service, Metal Melting Load, Supplement Interruptible Contracts, and General Service-Interruptible Arc Furnace, Rate 29, except for the acquisition of replacement electricity under this tariff. Additional types of customers may be added upon mutual agreement of the parties and notice to the Public Utilities Commission of Ohio. The number of customers permitted on this experimental rate, in conjunction with Rate Schedule 77, will be limited to no more than a total of forty-three (43) customers selected by the Company and 500 MW of demand. At the Company's discretion, the total number of customers and the total MW of company load eligible for the program may be increased by up to 100%. This experimental rate is available to customers served through one meter for each installation. Service under the RTP Program will be offered on an experimental basis through December 31, 2005, unless earlier terminated by the Company. Customers must enter into the written service agreement. A Full Service customer is one that receives all retail electric services from the Company.

Program Description:

The RTP program is an experimental program whose purpose is to test customer response to hourly price signals based on the Company's quoted price to supply electricity. The RTP Program is scheduled to be offered through December 31, 2005, unless earlier terminated by the Company, and is a voluntary program. Participation in the RTP Program offers customers the opportunity to manage their electric costs by either shifting load from higher price to lower price periods or by adding new load during lower price periods. Binding quotes will be sent to each customer on a prior business day basis (Hourly RTP). The program is designed to be bill neutral to each customer whose actual usage and usage pattern equals their historical usage through the use of a customer-specific Customer Baseline Load (CBL).

Customer Baseline Load:

For existing customers enrolling in the RTP program, the CBL shall be based on historic interval customer-specific load and usage data that represents the electricity consumption pattern and level of the customer's operation under the existing rate tariff/contract. The CBL is the basis for achieving bill neutrality on a customer-specific basis for customers billed under this tariff, and is to be mutually agreed upon by both the customer and the Company as representing the customer's usage pattern under the customer's existing rate tariff/contract (current non-RTP or special contract). The CBL for customers establishing new service for new load to the Company's service territory shall be derived by the Company using projected usage, which may include setting the CBL at one-half of expected usage. The kilowatt-hours used in the CBL and bill neutrality calculation shall be reduced for the calendar months of June, July, and August by 50% of the interruptible kWh, total kWh less firm load level, from the CBL period. Agreement on the CBL is a precondition for customer participation in the RTP Program. The CBL will not change during the contract term except where expressly provided in this tariff or the service agreement.

The CBL may be adjusted at the Company's discretion in special cases such as when a customer's actual kilowatthour usage falls below 50 percent of the CBL for three consecutive billing periods, to account for the existence of on-site generation equipment or due to the cost of increased facilities.

RTP Billing:

Customers participating in the RTP Program will be billed monthly based on the following calculation:

$$\text{RTP Bill} = \text{AC} + \text{EC} + \text{EEF} + \text{USR} + \text{PC} + \text{SLT}$$

Where:

AC = Access Charge
EC = Energy Charge
EEF = Temporary EEF Rider
USR = Universal Service Rider
PC = Program Charge
SLT = State and Local Tax Rider

RTP credits shall exist when actual usage is curtailed below the CBL, except during forced outages by the Company, and shall be applied only in the billing period in which they occur. However, customer bills for electricity usage under the RTP Program in any billing month shall never be less than the sum of the applicable Program Charge, Universal Service Rider, Temporary EEF Rider and State and Local Tax Rider as defined in this rate, as well as any applicable rider approved by the Public Utilities Commission of Ohio, except to the extent necessary to correct a billing error from a prior bill. No RTP Credits may be carried forward or applied in a future billing period.

Access Charge:

The Access Charge is designed to achieve bill neutrality with the customer's existing rate tariff/contract if no change in electricity usage pattern occurs. The Access Charge is calculated at the end of the billing period and changes each billing period to maintain bill neutrality for a customer's CBL.

The Access Charge will be calculated as follows:

$$\text{AC} = (\text{Standard Bill @ CBL}) - \left\{ \sum_{t=1}^n (\text{CBL}_t \times \text{RTP}_t) \right\}$$

Where:

AC = Access Charge
Standard Bill = Customer's bill for the specific month on the existing rate tariff/contract, using the CBL to establish the applicable billing determinants
 CBL_t = Customer Baseline Load at hour t
 RTP_t = The applicable Hourly RTP for hour t
 n = Total number of hours in the billing period
 t = An hour in the billing period

The CBL shall be adjusted to reflect applicable metering adjustments under the customer's existing rate tariff/contract. The Universal Service Rider, Temporary EEF Rider and State and Local Tax Rider shall be excluded from the calculation of the Access Charge.

Filed pursuant to Order dated January 7, 2004 in Case No. 03-2175-EL-ATA before

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Energy Charge:

The Energy Charge is applied to energy usage based on the hourly energy price quotes provided the previous day, as defined below in the section entitled "Hourly RTP," by Company.

The Energy Charge will be calculated as follows:

$$EC = \sum_{i=1}^n (kWh_i \times RTP_i)$$

Where:

- kWh_i = Customer's actual kilowatt-hour usage in hour i
 RTP_i = The applicable Hourly RTP at hour i
 i = An hour in the billing period
 n = Total number of hours in the billing period

The actual kWh_i shall be adjusted to reflect applicable metering adjustments under the customer's existing rate tariff/contract.

Hourly RTP:

The Hourly RTP will be equal to:

$$RTP_i = (MC_i \times (1 + LAF)) + Adder_i$$

Where:

- LAF = Loss adjustment factor
3% for transmission (138 kV) service voltage
5% for subtransmission (23, 34.5, and 69 kV) service voltages
7% for primary distribution service voltages

$$MC_i = MGC_i + MTC_i$$

- MGC_i = Estimated cost of generation capacity and energy in the wholesale market for hour i on a \$/kilowatt-hour basis.

- * MTC_i = Hourly marginal transmission cost for hour i

- * $Adder_i$ (applicable only when Customer's actual kilowatt-hour usage is greater than Customer Baseline Load; in all other hours $Adder_i$ = zero.)

- = 1.5¢/kWh for on-peak hours for transmission (138 kV) service voltage
2.1¢/kWh for on-peak hours for subtransmission (23, 34.5, and 69 kV) service voltages
2.7¢/kWh for on-peak hours for primary distribution service voltages
0.5¢/kWh for off-peak hours for all voltages

*The marginal transmission cost will initially be set at zero. The Company reserves the right to include this cost in future marginal cost calculations. The Company also reserves the right to make adjustments to the $Adder$ of between -0.8¢/kWh and +0.8¢/kWh. The Company will obtain Commission approval before including such costs or adjusting the $Adder$ and will notify participating customers of its intent to seek such approval.

The Company will make available to the customer, by 1:00 p.m. each day, the twenty-four Hourly RTPs that will be charged the next day. The Company will make available to the customer weekend and Monday Hourly RTP by 1:00 p.m. on the last regular business day of the preceding week.

The Company may send more than one-day-ahead Hourly RTP for holidays identified in the Company's tariffs. The Company may revise these prices by 1:00 p.m. the day before they become effective. Company will provide the Hourly RTP via the Internet.

The Company shall not be responsible for failure of the customer to receive and act upon the Hourly RTP. The customer is responsible for notifying the Company of any failure to receive the Hourly RTP by 3:00 p.m. the day before they become effective.

The customer is responsible for its access to the Internet. The customer will be responsible for providing a dedicated telephone line for metering purposes at each metering point.

Minimum Adder Charge:

If charges produced by the Adder (Adder Charge) are less than the Minimum Adder Charge, the RTP Bill shall be increased by the difference between them (Minimum Adder Charge less the Adder Charge).

The Minimum Adder Charge and Adder Charge shall be calculated as follows:

Minimum Adder Charge = Min Rate x MIK

MIK = Maximum Positive Incremental kWh per hour usage = the higher of $(kWh_{mx} - SBD)$ or Zero

$$\text{Adder Charge} = \sum_{t=1}^n ((kWh_t - CBL_t) \times \text{Adder}_t)$$

Where:

Min Rate = \$1.18 per kW for transmission (138 kV) service voltage

= \$1.24 per kW for subtransmission (23, 34.5 and 69 kV) service voltages

= \$1.32 per kW for primary distribution service voltages

kWh_t = Customer's actual kilowatt-hour usage for hour t

kWh_{mx} = Customer's maximum actual on-peak kilowatt-hour usage for one hour in the billing period

SBD = Customer Baseline Load Standard Bill demand in kilowatts

Adder_t = The Adder for hour t as defined in the section entitled "Hourly RTP"

t = An hour in the billing period

n = Total number of hours in the billing period

Obligation to Interrupt:

Customers will not be required to interrupt for economic reasons as provided for in their existing rate tariff/contract. Customers are required to interrupt during emergency interruptions in accord with their existing rate tariff/contract. Failure to interrupt during emergencies as provided for in their existing tariff/contract will subject the customer to the applicable tariff/rider/contract penalties, and further participation in the RTP Program will be subject to the Company's approval and the availability of Experimental Day Ahead Real Time Pricing Program - Firm Power Service, Rate 77.

During an emergency interruption, the CBL will be adjusted to be the lesser of the contracted firm load as stated in the customer's existing rate tariff/contract or the CBL as specified in the customer's RTP service agreement. Emergency RTP credits will be given for curtailment of usage below the CBL as so adjusted during emergency interruptions. However, customer bills for electricity usage under the RTP Program in any billing month shall never be less than the sum of the applicable Program Charge, Universal Service Rider, Temporary EEF Rider and State and Local Tax Rider as defined in this rate, as well as any applicable rider approved by the Public Utilities Commission of Ohio, except to the extent necessary to correct a billing error from a prior bill. No RTP credits may be carried forward or applied in a future billing period, except for any such amounts attributable to curtailment below the contracted firm load during the hours of an emergency interruption (Emergency RTP Credit).

Applicable Riders:

The Rates and charges specified above shall be modified in accordance with the provisions of the following applicable Riders, in addition to any other applicable rider approved by the Public Utilities Commission of Ohio, unless otherwise stated above.

Universal Service Rider	Sheet No. 90
Temporary Rider for EEF	Sheet No. 91
State and Local Tax Rider	Sheet No. 92
State kWh Tax Self-Assessor Credit Rider	Sheet No. 95

Program Charge:

A charge of \$150.00 per billing period shall be added to customer's bill each month to cover the additional billing, administrative, and communication costs associated with the RTP Program.

Terms and Conditions:

Except as provided in this rate schedule, all terms, conditions, rates, and charges outlined in the customer's existing rate tariff/contract will continue to apply. Participation in the RTP Program will not affect the customer's obligations for electric service under the existing rate tariff/contract. Except as expressly provided in this rate schedule, participation in the RTP Program is mutually exclusive to any other retail program that may be offered by the Company. At the Company's discretion, the output of any on-site Customer generating unit(s) that may be operated at times other than during forced outages of the Company's service or during routine maintenance periods shall be metered separately using recording meters of a type specified by the Company. Such metering shall be acquired and installed at the Customer's expense.

The primary term of service is through December 31, 2005, unless earlier terminated by the Company. However, a customer may elect to terminate participation in the RTP Program at the end of a billing period with three business days prior written notice and return to billing under the existing rate tariff/contract. Terminating customers may not return to the RTP program during the experiment. A customer shall be removed from participation in the RTP program if bill payment in full is not received by the Company before thirty (30) days past the due date specified on the customer's bill from the Company, except for valid cause, such as due to a legitimate billing dispute.

The supplying of and billing for service and all conditions applying thereto, are subject to the jurisdiction of the Public Utilities Commission of Ohio, and to Company's Standard Rules and Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

Filed pursuant to Order dated January 7, 2004 in Case No. 03-2175-EL-ATA before

The Public Utilities Commission of Ohio

Issued by Anthony J. Alexander, President

Effective: February 1, 2004

Experimental Day Ahead Real Time Pricing Program

Secondary Voltages

Availability:

Available to Full Service customers served under General Service-Secondary Voltages, Rate 21, including Special Arrangements for Economic Development. Additional types of customers may be added upon mutual agreement of the parties and notice to the Public Utilities Commission of Ohio. The number of customers permitted on this experimental rate will be limited to no more than a total of ten (10) customers selected by the Company and 20 MW of demand. At the Company's discretion, the total number of customers and the total MW of company load eligible for the program may be increased by up to 100%. This experimental rate is available to customers served through one meter for each installation. Service under the RTP Program will be offered on an experimental basis through December 31, 2005, unless earlier terminated by the Company. Customers must enter into the written service agreement. A Full Service Customer is one that receives all retail electric services from the Company.

Program Description:

The RTP program is an experimental program whose purpose is to test customer response to hourly price signals based on the Company's quoted price to supply electricity. The RTP Program is scheduled to be offered through December 31, 2005, unless earlier terminated by the Company, and is a voluntary program. Participation in the RTP Program offers customers the opportunity to manage their electric costs by either shifting load from higher price to lower price periods or by adding new load during lower price periods. Binding quotes will be sent to each customer on a prior business day basis (Hourly RTP). The program is designed to be bill neutral to each customer whose actual usage and usage pattern equals their historical usage through the use of a customer-specific Customer Baseline Load (CBL).

Customer Baseline Load:

For existing customers enrolling in the RTP program, the CBL shall be based on historic interval customer-specific load and usage data that represents the electricity consumption pattern and level of the customer's operation under the existing rate tariff/contract. The CBL is the basis for achieving bill neutrality on a customer-specific basis for customers billed under this tariff and is to be mutually agreed upon by both the customer and the Company as representing the customer's usage pattern under the customer's existing rate tariff/contract (current non-RTP or special contract). If historical hourly information is not available for the customer, the Company at its discretion will endeavor to obtain representative data to construct a CBL, including the possible use of a test meter for a reasonable period. The CBL for customers establishing new service for new load to the Company's service territory shall be derived by the Company using projected usage, which may include setting the CBL at one-half of expected usage. Agreement on the CBL is a precondition for customer participation in the RTP Program. The CBL will not change during the contract term except where expressly provided in this tariff or service agreement.

The CBL may be adjusted at the Company's discretion in special cases such as when a customer's actual kilowatthour usage falls below 50 percent of the CBL for three consecutive billing periods, to account for the existence of on-site generation equipment or due to the cost of increased facilities.

RTP Billing:

Customers participating in the RTP Program will be billed monthly based on the following calculation:

$$\text{RTP Bill} = \text{AC} + \text{EC} + \text{EEF} + \text{USR} + \text{PC} + \text{SLT}$$

Where:

AC = Access Charge
EC = Energy Charge
EEF = Temporary EEF Rider
USR = Universal Service Rider
PC = Program Charge
SLT = State and Local Tax Rider

RTP credits shall exist when actual usage is curtailed below the CBL, except during forced outages by the Company, and shall be applied only in the billing period in which they occur. However, customer bills for electricity usage under the RTP Program in any billing month shall never be less than the sum of the applicable Program Charge, Universal Service Rider, Temporary EEF Rider and State and Local Tax Rider as defined in this rate, as well as any applicable rider approved by the Public Utilities Commission of Ohio except to the extent necessary to correct a billing error from a prior bill. No RTP Credits may be carried forward or applied in a future billing period.

Access Charge:

The Access Charge is designed to achieve bill neutrality with the customer's existing rate tariff/contract if no change in electricity usage pattern occurs. The Access Charge is calculated at the end of the billing period and changes each billing period to maintain bill neutrality for a customer's CBL.

The Access Charge will be calculated as follows:

$$\text{AC} = (\text{Standard Bill @ CBL}) - \left\{ \sum_{t=1}^n (\text{CBL}_t \times \text{RTP}_t) \right\}$$

Where:

AC = Access Charge
Standard Bill = Customer's bill for the specific month on the existing rate tariff/contract, using the CBL period to establish the applicable billing determinants
 CBL_t = Customer Baseline Load at hour t
 RTP_t = The applicable Hourly RTP for hour t
 n = Total number of hours in the billing period
 t = An hour in the billing period

The CBL shall be adjusted to reflect applicable metering adjustments under the customer's existing rate tariff/contract. The Universal Service Rider, Temporary EEF Rider and State and Local Tax Rider shall be excluded from the calculation of the Access Charge.

Energy Charge:

The Energy Charge is applied to energy usage based on the hourly energy price quotes provided the previous day, as defined below in the section entitled "Hourly RTP," by Company.

The Energy Charge will be calculated as follows:

$$EC = \sum_{i=1}^n (kWh_i \times RTP_i)$$

Where:

- kWh_i = Customer's actual kilowatt-hour usage in hour i
- RTP_i = The applicable Hourly RTP at hour i
- t = An hour in the billing period
- n = Total number of hours in the billing period

The actual kWh_i shall be adjusted to reflect applicable metering adjustments under the customer's existing rate tariff/contract.

Hourly RTP:

The Hourly RTP will be equal to:

$$RTP_i = (MC_i \times (1 + LAF)) + Adder_i$$

Where:

- LAF = Loss adjustment factor
11%
- MC_i = $MGC_i + MTC_i$
- MGC_i = Estimated cost of generation capacity and energy in the wholesale market for hour i , on a $\$/kilowatt-hour$ basis.
- * MTC_i = Hourly marginal transmission cost for hour i
- * $Adder$ (applicable only when Customer's actual kilowatt-hour usage is greater than Customer Baseline Load; in all other hours $Adder_i = \text{zero}$.)
 - = 3.2¢/kWh for on-peak hours
 - 0.8¢/kWh for off-peak hours

*The marginal transmission cost will initially be set at zero. The Company reserves the right to include this cost in future marginal cost calculations. The Company also reserves the right to make adjustments to the Adder of between -0.8¢/kWh and + 0.8¢/kWh. The Company will obtain Commission approval before including such costs or adjusting the Adder and will notify participating customers of its intent to seek such approval.

The Company will make available to the customer, by 1:00 p.m. each day, the twenty-four Hourly RTPs that will be charged the next day. The Company will make available to the customer weekend and Monday Hourly RTP by 1:00 p.m. on the last regular business day of the preceding week. The Company may send more than one-day-ahead Hourly RTP for holidays identified in the Company's tariffs. The Company may revise these prices by 1:00 p.m. the day before they become effective. Company will provide the Hourly RTP via the Internet.

The Company shall not be responsible for failure of the customer to receive and act upon the Hourly RTP. The customer is responsible for notifying the Company of any failure to receive the Hourly RTP by 3:00 p.m. the business day before they become effective.

The customer is responsible for its access to the Internet. The customer will be responsible for providing a dedicated telephone line for metering purposes at each metering point.

Minimum Adder Charge:

If charges produced by the Adder (Adder Charge) are less than the Minimum Adder Charge, the RTP Bill shall be increased by the difference between them (Minimum Adder Charge less the Adder Charge).

The Minimum Adder Charge and Adder Charge shall be calculated as follows:

Minimum Adder Charge = Min Rate x MIK

MIK = Maximum Positive Incremental kWh per hour usage = the higher of (kWh_{mx} - SBD) or Zero

$$\text{Adder Charge} = \sum_{t=1}^n ((\text{kWh}_t - \text{CBL}_t) \times \text{Adder}_t)$$

Where:

Min Rate = \$2.93 per kW for secondary distribution service voltages

kWh_t = Customer's actual kilowatt-hour usage for hour t
kWh_{mx} = Customer's maximum actual on-peak kilowatt-hour usage for one hour in the billing period
SBD = Customer Baseline Load Standard Bill demand in kilowatts
Adder_t = The Adder for hour t as defined in the section entitled "Hourly RTP"
t = An hour in the billing period
n = Total number of hours in the billing period

Applicable Riders:

The Rates and charges specified above shall be modified in accordance with the provisions of the following applicable Riders, in addition to any other applicable rider approved by the Public Utilities Commission of Ohio, unless otherwise stated above.

Universal Service Rider	Sheet No. 90
Temporary Rider for EEF	Sheet No. 91
State and Local Tax Rider	Sheet No. 92
State kWh Tax Self-Assessor Credit Rider	Sheet No. 95

Program Charge:

A charge of \$75.00 per billing period shall be added to customer's bill to cover the incremental billing, administrative, and communication costs associated with the RTP Program.

Terms and Conditions:

Except as provided in this rate schedule, all terms, conditions, rates, and charges outlined in the customer's existing rate tariff/contract will continue to apply. Participation in the RTP Program will not affect the customer's obligations for electric service under the existing rate tariff/contract. Except as expressly provided in this rate schedule, participation in the RTP Program is mutually exclusive to any other retail programs offered by the Company. At the Company's discretion, the output of any on-site Customer generating unit(s) that may be operated at times other than during forced outages of the Company's service or during routine maintenance periods shall be metered separately using recording meters of a type specified by the Company. Such metering shall be acquired and installed at the Customer's expense.

The primary term of service is through December 31, 2005, unless earlier terminated by the Company. However, a customer may elect to terminate participation in the RTP Program at the end of a billing period with three business days prior written notice and return to billing under the existing rate tariff/contract. Terminating customers may not return to the RTP program during the experiment. A customer shall be removed from participation in the RTP program if bill payment in full is not received by the Company before thirty (30) days past the due date specified on the customer's bill from the Company, except for valid cause, such as due to a legitimate billing dispute.

The supplying and billing for service and all conditions applying thereto, are subject to the jurisdiction of the Public Utilities Commission of Ohio, and to the Company's Standard Rules and Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.