

## RATE RTP

### REAL TIME PRICING PROGRAM

#### APPLICABILITY

Applicable to customers served under Rate DS, Rate DP, or Rate TS. The incremental cost of any special metering required for service under this Program beyond that normally provided under the applicable Standard Tariff shall be borne by the Customer. Customers must enter into a service agreement with a minimum term of one year. Customers electing a Certified Supplier will not be eligible to participate in the Program.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Electric Security Plan Standard Service Offer.

#### PROGRAM DESCRIPTION

The RTP Program is voluntary and offers customers the opportunity to manage their electric costs by either shifting load from higher cost to lower cost pricing periods and adding new load during lower cost pricing periods or to learn about market pricing. Binding Price Quotes will be sent to each customer on a day-ahead basis. The program is intended to be bill neutral to each customer with respect to their historical usage through the use of a Customer Baseline Load (CBL) and the Company's Electric Security Plan Standard Offer Rates.

#### CUSTOMER BASELINE LOAD

The CBL is one complete year of customer hourly load data that represents the electricity consumption pattern and level of the customer's operation under the Standard Rate Schedule. The CBL is the basis for achieving bill neutrality for customers billed under this Rate RTP, and must be mutually agreeable to by both the customer and the Company as representing the customer's usage pattern under the Standard Rate Schedule (non-RTP). Agreement on the CBL is a requirement for participation in the RTP Program.

#### RTP BILLING

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

$$\text{RTP Bill} = \text{BC} + \text{PC} + \sum_{t=1}^n \{ (\text{CC}_t + \text{ED}_t) \times (\text{AL}_t - \text{CBL}_t) \}$$

Where:

- BC = Baseline Charge
- PC = Program Charge
- CC<sub>t</sub> = Commodity Charge for hour t
- ED<sub>t</sub> = Energy Delivery Charge for hour t
- AL<sub>t</sub> = Customer Actual Load for hour t
- CBL<sub>t</sub> = Customer Baseline Load in hour t
- n = total number of hours in the billing period
- t = an hour in the billing period

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### **BASELINE CHARGE**

The Baseline Charge is independent of customer's current monthly usage, and is designed to achieve bill neutrality with the customer's standard offer tariff if no change in electricity usage pattern occurs (less applicable program charges). The Baseline 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 Baseline Charge will be calculated as follows:

$$BC = (\text{Standard Bill @ CBL})$$

Where:

$$\begin{aligned} BC &= \text{Baseline Charge} \\ \text{Standard Bill @ CBL} &= \text{Customer's bill for the specific month on the applicable Rate Schedule using the CBL to establish the applicable billing determinants} \end{aligned}$$

The CBL shall be adjusted to reflect applicable metering adjustments under the standard Rate Schedule.

### **PRICE QUOTES**

The Company will send to customer, within two (2) hours after the wholesale prices are published by PJM each day, Price Quotes to be charged the next day. Such Price Quotes shall include the applicable Commodity Charge, the Energy Delivery Charge, and the Ancillary Services Charge.

The Company may send more than one-day-ahead Price Quotes for weekends and holidays identified in Company's tariffs. The Company may revise these prices by 3:00 p.m. the day before they become effective.

The Company is not responsible for failure of customer to receive and act upon the Price Quotes. It is customer's responsibility to inform Company of any failure to receive the Price Quotes by 5:00 p.m. the day before they become effective.

### **COMMODITY CHARGE**

The Commodity Charge is a charge for generation. The applicable hourly Commodity Charge (Credit) shall be applied on an hour by hour basis to customer's incremental (decremental) usage from the CBL.

Charge (Credit) For Each kW Per Hour From The CBL:

$$\text{For } kWh_t \text{ above the } CBL_t, \quad CC_t = MVG_t \times LAF$$

$$\text{For } kWh_t \text{ below the } CBL_t, \quad CC_t = MVG_t \times 80\% \times LAF$$

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**COMMODITY CHARGE (Contd.)**

Where:

- LAF = loss adjustment factor
- = 1.0530 for Rate TS
- = 1.0800 for Rate DP
- = 1.1100 for Rate DS
- MVG<sub>t</sub> = Market Value Of Generation As Determined By Company for hour t

The MVG<sub>t</sub> will be based on the expected market price of capacity and energy for the next day. The expected market price shall be the PJM Balancing Market (Real-Time) Locational Marginal Price (LMP) at the DEOK Zone inclusive of the energy, congestion, and losses charges, for each hour.

The kW Per Hour incremental or decremental usage from the CBL shall be adjusted to reflect applicable metering adjustments under the standard Rate Schedule.

**ENERGY DELIVERY CHARGE**

The hourly Energy Delivery Charge is a charge for using the distribution system to deliver energy to the customer. The applicable hourly Energy Delivery Charge (Credit) shall be applied on an hour by hour basis to customer's incremental (decremental) usage from the CBL.

Charge (Credit) For Each kW Per Hour From The CBL:

Rate DS .....	\$ 0.015752 per kW per Hour
Rate DP.....	\$ 0.023442 per kW per Hour
Rate TS.....	\$ 0.000000 per kW per Hour

The kW per Hour incremental or decremental usage from the CBL shall be adjusted to reflect applicable metering adjustments under the standard Rate Schedule.

**PROGRAM CHARGE**

Company will provide Internet based communication software to be used to provide customer with the Price Quotes. Customer will be responsible for providing its own Internet access. A charge of \$325 per billing period per customer shall be added to customer's bill to cover the additional billing, administrative, and cost of communicating the hourly Price Quotes associated with the RTP Program. Customer may purchase from either Company or any other third-party suppliers any other necessary equipment or software packages to facilitate participation in this program. While customers are encouraged to use such equipment or software packages to maximize benefits under this Program, it is not a requirement for program participation. It is customer's responsibility to ensure the compatibility of third-party equipment or software packages with any Company owned equipment or software

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### **APPLICABLE RIDERS**

All riders are billed against the total monthly demand and consumption, except for Rider RE, Rider RC, Rider SCR, Rider RTO, Rider BTR, Rider ESRR, Rider PF, and Rider DCI which are billed against the CBL/BDH demand and consumption. The following riders are applicable pursuant to the specific terms contained within each rider:

- Sheet No. 80, Rider ESRR, Electric Service Reliability Rider
- Sheet No. 83, Rider OET, Ohio Excise Tax Rider
- Sheet No. 84, Rider PF, PowerForward Rider
- Sheet No. 86, Rider USR, Universal Service Fund Rider
- Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider
- Sheet No. 89, Rider BTR, Base Transmission Rider
- Sheet No. 97, Rider RTO, Regional Transmission Organization Rider
- Sheet No. 101, Rider DSR, Distribution Storm Rider
- Sheet No. 103, Rider DCI, Distribution Capital Investment Rider
- Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider
- Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider
- Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider
- Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider
- Sheet No. 111, Rider RC, Retail Capacity Rider
- Sheet No. 112, Rider RE, Retail Energy Rider
- Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider
- Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate
- Sheet No. 126, Rider PSR, Price Stabilization Rider

### **TERM AND CONDITIONS**

Except as provided in this Rate RTP, all terms, conditions, rates, and charges outlined in the Standard Rate Schedule will apply. Participation in the RTP Program will not affect customer's obligations for electric service under the Standard Rate Schedule.

The primary term of service is one (1) year consisting of a consecutive twelve month period.

Customers who terminate their service agreement under Rate RTP after the initial one (1) year term shall not be eligible to return to the program for twelve (12) months from the termination date.

Customers returning to the standard tariff shall have any historical demands in excess of the CBL, waived for purposes of calculating applicable billing demands.

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 Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

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