

## 23. Advanced Meter Services

### Part A. Non-Utility-Owned Meters

All Customers with an annual maximum demand of 500 kW or more shall have the right to have non-utility-owned advanced metering installed at their facility. The Customer or, upon Customer consent, a Customer's Electricity Supplier as defined by the Public Utility Companies §1-101(j) of the Maryland Code, will pay for any such meter and any associated installation and telecommunications expenses. The Customer shall own any such meter unless the supplier and Customer agree otherwise. Advanced metering is a meter: 1) capable of storing electric consumption data at specified time intervals compliant with the existing Tariff and in conformance with applicable performance specifications, and 2) capable of remote meter reading. The Company will assess a one time \$180 fee to the Customer for removing the existing Company-owned meter and installing the Customer-owned meter. The Company shall maintain the meter per COMAR. The Company shall have access to billing data on a timely basis and shall provide access to such billing data on a timely basis to Customers (or their designated supplier with prior Customer approval.)

#### Limitations on Meters Allowed

Advanced Metering and associated telemetering equipment must be compatible with the Company's protocols and standards to ensure meter reading, meter data interval collection and billing system compatibility. Additionally, Advanced Metering must meet generally accepted accuracy and reliability standards for interval recording metering, including but not limited to ANSI C12 and the Code of Maryland Regulations. All Advanced Metering shall be sealed and locked between calibrations and each party shall have the right to be present during a calibration of the Advanced Metering. The Company will maintain a list of equipment that meets its protocols and standards and will be available to the Customer upon request.

Customers may request additional equipment to be added to the list and the Customer and Company will work together in good faith to evaluate whether the additional equipment is compatible with the Company's protocols and standards. The Customer shall be responsible for all costs for the Company to evaluate the compatibility of such additional equipment, as well as any additional costs associated with the implementation and maintenance of such equipment. Any dispute arising under this section that cannot be resolved between the parties shall be taken to the Commission for resolution.

### Part B. Company-Provided Optional Metering Services

**(1) Basic Advanced Meter** - The Company will, upon a Customer request, remove the existing standard meter and install a solid state Company-owned advanced meter and telephone/cellular phone package where cellular service is available. The advanced meter will be equipped with a modem, and will have memory for load profile capability. The Company will operate and maintain the advanced meter and telephone/cellular phone package for the Customer.

The basic service involves the Company collecting metered information via a telephone/cellular phone network. The data is collected and stored weekly, thereby increasing data reliability. The data, kWh and kVAh, within the meter is kept in 15 minute increments, based on full, quarter, half, and three-quarter hours. Hourly data will be made available to the Customer through a web-based system as an optional service.

The basic advanced meter service charge is as follows:

Per Company-owned advanced meter per month	\$65
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A Customer may opt to install their own telecommunications equipment provided the installed equipment meets the specifications set forth by the Company and is dedicated solely to the meter for the purpose of collecting meter data.

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Where the Customer owns the telecommunications equipment, the basic advanced meter service charge is as follow:

Per Company-owned advanced meter per month	\$30
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The Company will assess a one time \$180 fee to the Customer for removing the existing standard meter and installing the advanced meter.

In lieu of basic advanced meter service, if the Customer requests re-installation of the standard meter for the respective rate schedule, the Company will assess the Customer a \$180 fee.

The Customer's term for the basic advanced meter service is 12 months. If the Customer chooses to leave the basic advanced meter service before the end of the term, the Customer must pay the Company all remaining monthly charges under the 12-month term of service. Thirty days notification is required for termination of basic advanced meter service.

**(2) Standby Advanced Meter** - In the event a Customer-owned advanced meter fails, the Customer has 48 hours, after notification from the Company of the failure, to replace the meter with an operable advanced meter. The Company will charge the Customer \$90 for any change out of the meter.

If the Customer does not have an operable advanced meter within the 48-hour period after failure notification from the Company, the Company will provide standby advanced meter service. The Company will remove the Customer-owned advanced meter and will install temporarily a Company-owned advanced meter. The Company will provide basic advanced meter service for up to sixty-days. A one time charge per occurrence will be assessed the Customer for this service.

The standby advanced meter service charge is follows:

Per Company-owned meter for sixty days	\$780
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If the Customer does not re-install a Customer-owned advanced meter by end of the sixty-day period, the Company will automatically place the Customer under the applicable basic advanced meter service. In lieu of standby service, if the Customer requests re-installation of the standard meter for the respective rate schedule, the Company will assess the Customer a \$180 fee.

**(3) Pulse Metering** - At the request of the Customer or, upon Customer consent, the Customer's Electricity Supplier as defined by the Public Utility Companies §1-101(j) of the Maryland Code, the Company will provide pulse-metering service. Pulse metering is available to Customers who want near real time data for load management. A pulse output from the meter is available which allows the Customer or the Customer's Electricity Supplier to monitor total load of the service or building. A junction box is provided by the Company to interface with the Customer's wiring. The Customer is responsible for providing the required voltage input (less than 120 Volts, 75 VA MAX,) and the wiring from the interface box to their computer/load management system.

The pulse metering service charge is as follows:

Per non-utility or Company-owned meter per month for five (5) years	\$10
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The Company will assess a \$90 fee to the Customer for installing the pulse-metering device.

If the device requires replacement at any time, the Customer will pay the \$90 installation charge and continue monthly payments for an additional five (5) years following the replacement date.

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### ***23. Advanced Meter Services - continued***

**(4) Telecommunication Equipment** - At the Customer's request or, upon Customer consent, a Customer's Electricity Supplier as defined by the Public Utilities Companies §1-101(j) of the Maryland Code, the Company will install telephone/cellular phone equipment at the non-utility or Company - owned advanced meter. This equipment provides read-only remote access to Customer data.

The Company will assess a one time \$90 fee to the Customer for installing the telecommunication equipment. Monthly service charges are dependent on the actual cost of the communication equipment chosen.

#### **Part C. Company-Provided Required Metering Services**

Any Customer who has a PJM capacity peak load contribution (PLC) of 500 kW or greater is required to have interval metering installed by June 1, 2008. Where such a Customer does not already have an interval meter installed, the Company will install the metering and recover the costs under the terms of Part B. of this Rider. The Customer shall pay the monthly fees on an ongoing basis unless the Customer's PLC falls below 400 kW. In this event all monthly fees for the interval meter and the associated communications equipment are waived until such a time, if it should occur, when the Customer reestablishes a PLC of 500 kW or greater.

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