RULE D METERING

- 1. <u>Meter Installations</u>. The Company will install and maintain the metering equipment required by the Company to measure power and energy supplied to the Customer. Meter installations will be done at the Company's expense except as specified below or otherwise specified in a schedule. Customer provisions for meter installations will be made in conformance with Company specifications, the National Electrical Code, and/or applicable state or municipal requirements.
 - a. <u>Instrument Transformer Metering</u>. When instrument transformer metering is requested by the Customer but not required by the Company at the time of the initial meter installation, the Customer will be required to pay the cost of such metering equipment and its installation in accordance with the charges specified in Schedule 66. When a Customer requests instrument transformer metering not required by the Company at a time other than at the time of the initial meter installation, the actual costs will apply.
 - b. Off-Site Meter Reading Service. Customers taking single-phase service under Schedules 1, 5 or Schedule 7 may request the Company install metering equipment which provides for off-site meter reading. The installation fee and monthly charges for off-site meter reading capability, when the service is requested by the Customer but not deemed to be cost-effective by the Company, are specified in Schedule 66. The Company shall have the sole right to determine whether an installation is cost-effective. Customers who request the Company-installed off-site meter reading equipment be removed within 90 days of initial installation will be assessed a removal fee in accordance with the provisions of Schedule 66. Due to the specialized nature of the metering equipment, a delay may occur between the time a Customer requests the Off-Site Meter Reading Service and the time the equipment is available for installation. Customers utilizing the Off-Site Meter Reading Service may be required to periodically permit Company personnel access to the meter in order for maintenance to be performed.
 - c. <u>Load Profile Metering</u>. The Company will install, at the Customer's request, the metering equipment necessary to provide load profile information. The installation fee and monthly charges for load profile capability, when the service is requested by the Customer but not provided by the Company as part of the standard meter installation, are specified in Schedule 66. The options available under the Load Profile Metering Service include Meter Pulse Output Service and Load Profile Recording Service. Customers requesting the Load Profile Recording Service are responsible for providing, at their own expense, a hard-wired phone line to each metering point. Customers who request the Load Profile Metering Service be discontinued within 36 months of initial installation will be assessed a removal fee in accordance with the provisions of Schedule 66.
 - d. <u>Surge Protection Device Services</u>. At the Customer's request, the following services are available for watt-hour metered Customers only.
 - i. <u>Installation or Removal</u>. The Company will install or remove, at the Customer's request, a surge protection device supplied by the Customer on the meter base and other utility peripherals to accommodate whole-house surge protection. A Surge Protection Device Installation or Removal Charge will be assessed as specified in Schedule 66.

The Company will not install any surge protection device without proof that the vendor of the surge protection device has executed and delivered to the Company an agreement (in a form acceptable to the Company) which provides for the full defense and indemnification of the Company by the vendor against any claims, suits, or losses associated with such device.

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- d. <u>Surge Protection Device Services</u> (Continued)
 - i. <u>Installation or Removal</u> (Continued)

Any surge protection device the Company is requested to install on the meter must be Underwriters' Laboratories, Inc. certified and meet National Electric Energy Testing, Research and Application Centers (NEETRAC) test standards or comparable test standards.

- ii. Surge Protection Device Customer Visit Charge.
 - a) If a surge protection device installation visit results in the inability of Company personnel to install the surge protection device due to safety concerns, inaccessibility to the meter base or other utility access points, or other factors deemed reasonable by the Company, a Surge Protection Device Customer Visit Charge will be applied as specified in Schedule 66. The Company has the sole right to ultimately determine installation feasibility.
 - b) Customers who request the Company perform an on-site visit to assess alleged electrical problems believed to be associated with the surge protection product will be charged a Surge Protection Device Customer Visit Charge as specified in Schedule 66 if no problems associated with the electrical service are found as a result of the visit.
- e. <u>Primary Voltage Metering</u>. The Company will install, at its own expense, a maximum of one primary voltage meter at a single Premises to record usage taken at 12.5 kV or 34.5 kV.
- 2. <u>Measurement of Energy</u>. Except as otherwise specifically provided, all energy delivered by the Company will be billed according to measurement by meters located at or near the Point of Delivery.

If the Company is unable to read a Customer's meter because of reasons beyond the Company's control, such as weather conditions or the inability to obtain access to the Customer's Premises, the Company may estimate the meter reading for the Billing Period on the basis of the Customer's previous use, season of the year and use by similar Customer's of the same class in that service area. Bills rendered on estimated readings will be so designated on the bill. The amount of such estimated bill will be subsequently adjusted, as necessary, when the next actual reading is obtained.

Should the Company be unable to read a Customer's meter for two consecutive Billing Periods, the Company will diligently attempt to contact the Customer by telephone and/or letter, to apprise the Customer of the necessity of a meter reading and to make arrangements to read the meter or request the Customer to record and return the meter reading on a card provided by the Company. If such arrangements cannot be made or if the Customer fails to return the meter reading card, the Company may estimate the meter reading.

3. <u>Failure to Register</u>. If the Company's meters fail to register at any time, the service delivered and energy consumed during such period of failure will be determined by the Company on the basis of the best available data. If any appliance or wiring connection, or any other device, is found on the Customer's Premises which prevents the meters from accurately recording the total amount of energy used on the Premises, the Company may at once remove any such wiring connection or appliance, or device, at the Customer's expense, and will estimate the amount of energy so consumed and not registered as accurately as it is able so to do, and the Customer will pay for any such energy within 5 days after being billed, in accordance with such estimate.

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- 4. Meter Tests. The Company will test and inspect its meters from time to time and maintain their accuracy of registration in accordance with generally accepted practices and with OAR 860-023-0015. The Company will, without charge, test the accuracy of registration of a meter upon request of a Customer, provided that the Customer does not request such a test more frequently than once in a 12-month period. If more than one requested test is performed within a 12-month period, the Customer will be required to pay in advance the estimated cost of a special meter test as specified in Schedule 66. The Company will refund the amount paid by the Customer for the test if the results of the test show the average registration error of the meter exceeds +2 percent.
- 5. <u>Transformer Losses</u>. When delivery of service is on the primary side of the Customer's transformers, the Company may install its meters on the secondary side of the transformers, and, unless otherwise provided in the schedule, in determining the monthly consumption of power and energy, transformer losses and other losses occurring between the Point of Delivery and the meters will be computed and added to the reading of such meters.
- 6. <u>Meter Reading.</u> Meters will be read to the last kWh registered, normally at intervals of approximately 30 days. In no case will the meter reading interval exceed 45 days.