



**SERVICE SCHEDULE 4  
TOTALIZED METERING OF MULTIPLE SERVICE  
ENTRANCE SECTIONS AT A SINGLE SITE FOR  
STANDARD OFFER AND DIRECT ACCESS SERVICE**

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**General Description**

As outlined in this schedule, Arizona Public Service Company (APS or Company) Customers at a single site whose load requires multiple points of delivery through multiple service entrance sections (SES) may be metered and billed from a single meter through Adjacent Totalized Metering or Remote Totalized Metering.

**1. Definitions**

- 1.1 **Totalized Metering** is the measurement, for billing purposes, through one meter, and on the appropriate rate, of the simultaneous demands and energy of a Customer who receives electric service at a single site, through more than one SES.
- (A) **Adjacent** - located in a continuous enclosure or in enclosures located within 10 feet of each other and operated as one integral unit under the same name and as part of the same business.
- (B) **Remote** - located in enclosures separated by more than 10 feet that are contiguous sites not separated by private or public property or right-of-way and operated as one integral unit under the same name and as part of the same business.
- 1.2 **Virtual Totalizing** - Where APS is not able to meter an Adjacent or Remote totalized installation from a single meter, typically due to metering technology not being available, APS may offer to virtually meter the Customer's site.

**2. Totalized Metering Qualifications** – in order to qualify for Totalized Metering, either Adjacent or Remote, the Customer must meet conditions 2.1 through 2.8:

- 2.1 The Customer's facilities must be located on adjacent and contiguous sites not separated by private or public property or right-of-way and must be operated as one integral unit under the same name and as a part of the same business or residence (these conditions must be met to be considered a single site, as specified in APS's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Service, Section 9.3); and
- 2.2 Power will generally be delivered at no less than 277/480 volt (nominal), three phase, four wire or 120/240 volt (nominal) single phase three wire; and
- 2.3 Three phase and single phase service entrance sections can not be combined for totalizing purposes; and
- 2.4 For Standard Offer Customers, totalized metering may be accomplished by providing electronically totalized demand and energy reads or by means of a physical wire interconnection of metering information with the Customer providing conduit between the SES; for Direct Access Customers the Customer's Electric Service Provider may provide electronically totalized demand and energy reads in compliance with APS's Schedule 10, Terms and Conditions for Direct Access; and
- 2.5 The Customer will provide vault or transformer space, which meets APS specifications, on the Customer's property at no cost to APS; and
- 2.6 If the Customer operates an electric generation unit on the premises, totalized metering will be permitted when the Customer complies with all of APS's requirements for interconnection, pays all costs for any additional special metering required to



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- accommodate such service from totalized service sections, and takes service on an applicable rate schedule for interconnected Customer owned generation; and
- 2.7 Written approval by APS's authorized representative is required before totalized metering may be implemented; and
  - 2.8 Customers electing to have accounts either Adjacent or Remote Totalized metered will be required to maintain the accounts in the approved totalized configuration for a minimum of one year.
- 3 **Adjacent Totalized Metering Qualifications** - In addition to the Totalized Metering qualifications listed in Section 2, the following conditions (3.1 - 3.3) must also be met in order to qualify for Adjacent Totalized Metering:
- 3.1 The Customer's total load to be totalized requires a National Electrical Code (NEC) service entrance size of over 3,000 amps three phase or 800 amps single phase; and
  - 3.2 Load must be split and served from multiple SES; and
  - 3.3 The Customer must locate SES to be totalized within 10 feet of each other.
4. **Remote Totalized Metering Qualifications** - In addition to the Totalized Metering qualifications listed in section 2, the following conditions (4.1 - 4.4) must also be met in order to qualify for Remote Totalized Metering:
- 4.1 Multiple SES are separated from one another by more than 10 feet; and
  - 4.2 Each of the Customer's service entrance sections to be totalized requires an NEC section size of 3,000 amps three phase or 800 amps single phase or greater; and
  - 4.3 The Customer's total load to be totalized has a minimum demand of 2,000 kVa or 1,500 kW three phase or 100 kVa or 80 kW single phase; and
  - 4.4 The Customer has made a non-refundable contribution for the net additional cost to APS of the meter totalizing connection and equipment.
5. **Additional Charges**
- 5.1 There will be no additional charge to the Customer's monthly bill for Adjacent Totalized Metering.
  - 5.2 When the total capital investment by APS to provide service at multiple points of delivery, as computed by APS, is equal to or less than the cost to serve a single point of delivery, then no additional monthly charge will be made to the Customer receiving Remote Totalized Metering. However, lower capital investment which results from the Customer's contribution, other than the meter costs in 4.4 above, will not be considered.
  - 5.3 For Customers where the total capital investment by APS to provide service at multiple points of delivery, as computed by APS, is greater than the cost to serve at a single point of delivery, then there will be an additional charge. The additional monthly charge for each delivery point above one will consist of 1% of the totalized bill, plus \$500.00, plus applicable taxes and adjustments.



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**6. Removal of Totalized Metering Configuration**

6.1 In some cases, it may be to the Customer's benefit to remove all totalized metering equipment, or remove selected totalized metering equipment from the totalized account. This will be permitted under the following conditions:

- (A) The Customer must submit a written request to APS stating the reason for the removal and the specific equipment to be removed.
- (B) After removal of the equipment, the Customer may not ask for services to be totalized for one year from the removal date. At the end of one year, if the Customer does request services to be totalized, the applicable conditions listed above must be met.
- (C) The Customer will be required to make a nonrefundable contribution for the costs associated with the removal of the meter totalizing connection and equipment.

6.2 In the event the Customer should elect to remove a meter from a totalized metering configuration, the Customer will continue to be responsible for the minimum billing kW parameters noted on the Customer's Electric Supply Agreement.

6.3 Customer may elect an alternate rate schedule for accounts that are removed from the totalized configuration; however no further rate schedule changes may be made within the succeeding 12 month period in accordance with provisions of APS's Schedule 1.