

CHAPTER 24. SUBSTANTIVE RULES APPLICABLE TO WATER AND SEWER SERVICE PROVIDERS.

Subchapter E. CUSTOMER SERVICE AND PROTECTION.

§24.89. Meters.

(a) Meter requirements.

- (1) Use of meter. All charges for water service shall be based on meter measurements, except where otherwise authorized in the utility's approved tariff.
- (2) Installation by utility. Unless otherwise authorized by the commission, each utility shall provide, install, own and maintain all meters necessary for the measurement of water provided to its customers.
- (3) Standard type. No utility shall furnish, set up, or put in use any meter which is not reliable and of a standard type which meets industry standards; provided, however, special meters not necessarily conforming to such standard types may be used for investigation or experimental purposes.
- (4) One meter is required for each residential, commercial, or industrial service connection. An apartment building, condominium, manufactured housing community, or mobile home park may be considered by the utility to be a single commercial facility for the purpose of these sections. The commission may grant an exception to the individual meter requirement if the plumbing of an existing multiple use or multiple occupant building would prohibit the installation of individual meters at a reasonable cost or would result in unreasonable disruption of the customary use of the property.

(b) Meter readings.

- (1) Meter unit indication. In general, each meter shall indicate clearly the gallons of water or other units of service for which charge is made to the customer.
- (2) Reading of meters.
 - (A) Service meters shall be read at monthly intervals, and as nearly as possible on the corresponding day of each month, but may be read at other than monthly intervals if authorized in the utility's approved tariff.
 - (B) The utility shall charge for volume usage at the lowest block charge on its approved tariff when the meter reading date varies by more than two days from the normal meter reading date.

(c) Access to meters and utility cutoff valves.

- (1) At the customer's request, utility employees must present information identifying themselves as employees of the utility in order to establish the right of access.
- (2) Utility employees shall be allowed access for the purpose of reading, testing, installing, maintaining and removing meters and using utility cutoff valves. Conditions that may hinder access include, but are not limited to, fences with locked gates, vehicles or objects placed on top of meters or meter boxes, and unrestrained animals.
- (3) When access is hindered on an ongoing basis, utilities may, but are not required to, make alternative arrangements for obtaining meter readings as described in paragraphs (4) and (5) of this subsection. Alternative arrangements for obtaining meter readings shall be made in writing with a copy provided to the customer and a copy filed in the utility's records on that customer.
- (4) If access to a meter is hindered and the customer agrees to read his own meter and provide readings to the utility, the utility may bill according to the customer's readings; provided the meter is read by the utility at regular intervals (not exceeding six months) and billing adjustments are made for any overcharges or undercharges.
- (5) If access to a meter is hindered and the customer does not agree to read their own meter, the utility may bill according to estimated consumption; provided the meter is read by the utility

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at regular intervals (not exceeding three months) and billing adjustments are made for any overcharges or undercharges.

- (6) If access to a meter is hindered and the customer will not arrange for access at regular intervals, the utility may relocate the meter to a more accessible location and may charge the customer for the actual cost of relocating the meter. Before relocating the meter, the utility shall provide the customer with written notice of its intent to do so. The notice required under this subparagraph shall include information on the estimated cost of relocating the meter, an explanation of the condition hindering access and what the customer can do to correct that condition, and information on how to contact the utility. The notice shall give the customer a reasonable length of time to arrange for utility access so the customer may avoid incurring the relocation cost. A copy of the notice given to the customer shall be filed with the utility's records on the customer's account.
 - (7) If access to a meter, cutoff valve or sewer connection is hindered by the customer and the customer's service is subject to disconnection under §24.88 of this title (relating to Discontinuance of Service), the utility may disconnect service at the main and may charge the customer for the actual cost of disconnection and any subsequent reconnection. The utility shall document the condition preventing access by providing photographic evidence or a sworn affidavit. Before disconnecting service at the main, the utility shall provide the customer with written notice of its intent to do so. The notice required under this subparagraph shall include information on the estimated cost of disconnecting service at the main and reconnecting service and shall give the customer at least 72 hours to correct the condition preventing access and to pay any delinquent charges due the utility before disconnection at the main. The customer may also be required to pay the tariffed reconnect fee for nonpayment in addition to delinquent charges even if service is not physically disconnected. A copy of the notice given to the customer shall be filed with the utility's records on the customer's account.
- (d) **Meter tests on request of customer.**
- (1) Upon the request of a customer, each utility shall make, without charge a test of the accuracy of the customer's meter. If the customer asks to observe the test, the test shall be conducted in the customer's presence or in the presence of the customer's authorized representative. The test shall be made during the utility's normal working hours at a time convenient to the customer. Whenever possible, the test shall be made on the customer's premises, but may, at the utility's discretion, be made at the utility's testing facility.
 - (2) Following the completion of any requested test, the utility shall promptly advise the customer of the date of the test, the result of the test, who made the test and the date the meter was removed if applicable.
 - (3) If the meter has been tested by the utility or a testing facility at the customer's request, and within a period of two years the customer requests a new test, the utility shall make the test, but if the meter is found to be within the accuracy standards established by the American Water Works Association, the utility may charge the customer a fee which reflects the cost to test the meter, but this charge shall in no event be more than \$25 for a residential customer.
- (e) **Meter testing.**
- (1) The accuracy of a water meter shall be tested by comparing the actual amount of water passing through it with the amount indicated on the dial. The test shall be conducted in accordance with the standards for testing cold water meters as prescribed by the American Water Works Association or other procedures approved by the commission.

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- (2) The utility shall provide the necessary standard facilities, instruments, and other equipment for testing its meters in compliance with these sections. Any utility may be exempted from this requirement by the commission provided that satisfactory arrangements are made for testing its meters by another utility or testing facility equipped to test meters in compliance with these sections.
 - (3) Measuring devices for testing meters may consist of a calibrated tank or container for volumetric measurement or a tank mounted upon scales for weight measurement. If a volumetric standard is used, it shall be accompanied by a certificate of accuracy from any standard laboratory as may be approved by the commission. The commission can also authorize the use of a volumetric container for testing meters without a laboratory certification when it is in the best interest of the customer and utility to reduce the cost of testing. If a weight standard is used, the scales shall be tested and calibrated periodically by an approved laboratory and a record maintained of the results of the test.
 - (4) Standards used for meter testing shall be of a capacity sufficient to insure accurate determination of meter accuracy and shall be subject to the approval of the commission.
 - (5) A standard meter may be provided and used by a utility for the purpose of testing meters in place. This standard meter shall be tested and calibrated at least once per year unless a longer period is approved by the commission to insure its accuracy within the limits required by these sections. A record of such tests shall be kept by the utility for at least three years following the tests.
- (f) **Meter test prior to installation.** No meter shall be placed in service unless its accuracy has been established. If any meter shall have been removed from service, it must be properly tested and adjusted before being placed in service again. No meter shall be placed in service if its accuracy falls outside the limits as specified by the American Water Works Association.
- (g) **Bill adjustment due to meter error.** If any meter is found to be outside of the accuracy standards established by the American Water Works Association, proper correction shall be made of previous readings for the period of six months immediately preceding the removal of such meter from service for the test, or from the time the meter was in service since last tested, but not exceeding six months, as the meter shall have been shown to be in error by such test, and adjusted bills shall be rendered. No refund is required from the utility except to the customer last served by the meter prior to the testing. If a meter is found not to register for any period, unless bypassed or tampered with, the utility shall make a charge for units used, but not metered, for a period not to exceed three months, based on amounts used under similar conditions during the period preceding or subsequent thereto, or during corresponding periods in previous years.
- (h) **Meter tampering.** For purposes of these sections, meter tampering, bypass, or diversion shall be defined as tampering with a water or sewer utility company's meter or equipment causing damage or unnecessary expense to the utility, bypassing the same, or other instances of diversion, such as physically disorienting the meter, objects attached to the meter to divert service or to bypass, insertion of objects into the meter, other electrical and mechanical means of tampering with, bypassing, or diverting utility service, removal or alteration of utility-owned equipment or locks, connection or reconnection of service without utility authorization, or connection into the service line of adjacent customers or of the utility. The burden of proof of meter tampering, bypass, or diversion is on the utility. Photographic evidence must be accompanied by a sworn affidavit by the utility when any action regarding meter tampering as provided for in these sections is initiated. A court finding of meter tampering may be used instead of photographic or other evidence, if applicable.