

**COMMENTS OF
PACIFICORP
April 20, 2000**

**Docket UE-990473 Electric Rulemaking
WAC Chapter 480-100 Electric Companies
Second Formal Draft**

Thank you for the opportunity to provide comments on the Second Formal Draft of proposed changes to Washington Administrative Rules in the above docket. Shown below are PacifiCorp's proposed changes to the draft rules provided in legislative format for ease of identification.

We look forward to meeting again to discuss our proposed changes. If you have any questions in the meantime, please contact Carole Rockney at 503-813-6091.

CONSUMER RULES

WAC 480-100-021 Definitions

(1) Applicant – any person, corporation, partnership or other entity who applies for service with an electric utility or who reapplies for service at a new or existing location after service has been discontinued.

PACIFICORP COMMENTS:

We have added language to be consistent with the definition of Customer.

WAC 480-100-041 Information to Consumers

(5) The utility must provide a customer, upon request, a detailed account of the customer's actual electric usage at the service premise for the previous 12-month period, if available.:

PACIFICORP COMMENTS:

(1) The Company recommends that the proposed rule clarify this information will only be provided if it is available.

WAC 480-100-046 Application for service

- (1) When an applicant orders service from the electric utility, the applicant will be responsible to conform to the rules and regulations that are in effect and on file with the commission.
- (2) The utility may require the following information when an applicant applies for service:
 - (a) The applicant's name, address, and telephone number, and an alternative contact telephone number, if applicable, of the responsible party at the service premise;
 - (b) The date the service is requested to be effective;
 - (c) The type of service requested, such as residential or commercial service, and the type of equipment to be served at the service premise;
 - (d) Positive proof of identification. Valid driver's license or other picture identification supported by any one of the following: valid Social Security identification, passport, certificate of citizenship or military identification. The utility must allow the applicant to choose from a list, provided by the utility, of at least five sources of identification. The list must include a current driver's license or other

picture identification, and

(e) Any additional information the utility may reasonably require for billing, service, and determining deposits.

(3) The utilities must provide a service date to the applicant at the time of application. The utility must provide the following service dates to the applicant:

(a) For service at a location where utility service facilities exist and will not have to be modified in any way to serve the applicant, the utility will provide a service date at the time of application. If the utility becomes aware that the service date cannot be met, it must notify the customer prior to the service date.

(b) For service at a location where utility service facilities do not exist or require modification, the utility will provide the following service dates:

(i) Upon request by the applicant, prior to signing a service agreement, the utility must provide a range of dates by which service can be made available.

(ii) Upon signing a service agreement with the applicant, the utility must provide a date by which service will be made available. If the utility becomes aware that the service date cannot be met, it must notify the applicant prior to the service date.

(4) A customer may not resell electricity unless specifically authorized in the utility's tariff.

PACIFICORP COMMENTS:

(1) The proposed change is made to allow the Company to receive adequate assurance that the application for service is valid.

Comments:

(1) "Application" is not addressed in draft rule since companies do not always require applications. In most cases, the companies take orders by telephone.

(2) Eliminated the sentence referring to flat rate service.

(3) Moved the sentence referring to "customer using service prior to ordering" to the Disconnection of service rule WAC 480-100-071 (2)(e).

(4) Added company must provide service date and if it cannot commit to that date it must advise the customer.

(5) In (2)(d) and (e) language was changed to clarify types of identification and other kinds of information company can require a customer to provide at time of application.

WAC 480-100-051 Deposit Requirements

(1) Deposit criteria for residential applicants and customers - An electric utility may not collect a deposit if an applicant or customer for residential service:

(a) Has had residential service with the utility within the prior twelve months, unless during any six consecutive months:

(i) The applicant or customer received ~~one~~ **three** or more delinquency notices; or

(ii) The applicant's or customer's service for a similar class of service was disconnected for nonpayment;

(b) Can furnish a satisfactory guarantor. A guarantor must be considered satisfactory if the guarantor has at least established credit with the utility as outlined in this section. A utility may, at its discretion, accept a guarantor that does not meet the requirements of this section. If the customer has been disconnected, the guarantor is responsible for the amount stated on the disconnection notice, not to exceed the amount of the deposit as defined in subsection (5) unless the guarantor has agreed to guarantee an additional amount as specified in subsection (9) of this section; or

(c) Has notified the utility of the inability to pay a deposit as provided in WAC 480-100-XX5 Winter low income payment program.

(2) Other deposit criteria applicable to residential applicants. The utility may not collect a deposit from a residential applicant who:

(a) Can demonstrate they have met the criteria stated in subsection (1)(a) of this section with another electric or natural gas utility, provided that the credit reference can be quickly and easily checked, and in writing if requested by the utility;

(b) Can demonstrate consecutive employment during the prior twelve months with no more than two employers, and the applicant is currently employed or has a regular source of income; or

- (c) Owns or is purchasing the premises to be served.
- (3) Deposit collection. The utility may collect a deposit from any applicant or customer where:
- (a) There is a prior customer living at the residence who owes a past due bill to the utility at that address; or
 - (b) The applicant or customer has an unpaid, overdue balance owing to any electric or gas utility for a similar class of service.
- (4) Deposit criteria for non-residential applicants and customers - A non-residential applicant or customer for nonresidential electric service may be required to demonstrate that it is a satisfactory credit risk by reasonable means appropriate under the circumstances.
- (5) Deposit amount - Required deposits for an applicant or customer may not exceed:
- (a) Two-twelfths of the service location's most recent twelve months actual billings for utilities billing monthly or two-twelfths of an estimate of annual billings if actual service did not exist; or
 - (b) Three-twelfths of the service location's most recent twelve months billings for utilities billing bi-monthly or three-twelfths of an estimate of annual billings if actual service did not exist.
- (6) Deposit payment arrangements - When an residential applicant or customer is required to pay a deposit but is unable to pay the entire deposit in advance of connection or continuation of service, the utility must allow the applicant or customer to make payment arrangements of fifty percent of the deposit prior to service. The applicant or customer then must pay the remaining balance in equal amounts over the next two months, on the dates mutually agreed upon between the applicant or customer and the utility. The utility and applicant or customer may make other mutually acceptable deposit payment arrangements.
- (7) Alternative to deposit - The utility must allow any residential customer or applicant who is required to pay a deposit but who is unable to pay the deposit, to prepay any service initiation fees and reasonably estimated regular service charges or budget billings at periods corresponding to the utility's regular billing period for the length of time during which a deposit would ordinarily have been required. The utility must then bill the applicant or customer in a normal fashion.
- (8) Transfer of deposit - When a customer moves to a new address within the utility's service territory, the deposit, plus accrued interest and less any outstanding past-due balance owing from the old address, must be transferred or refunded.
- (9) Additional deposit - If a deposit or additional deposit amount is required after establishment of service, the reasons must be specified in writing to the customer. Any request for a deposit or additional deposit amount must comply with the standards outlined in this section. If the original deposit was secured by a guarantor and the guarantor does not agree to be responsible for the additional deposit amount, the customer will be held responsible for paying the additional deposit.
- (10) Deposit payment date - Any deposit or additional deposit amount required after service is established is due and payable ~~within no sooner than seven 5:00 p.m. of the sixth business days~~ after notice if the deposit requirement is mailed or delivered in person to the customer's address. ~~from within the state of Washington or the ninth business day if mailed from outside of the state of Washington. If the utility delivers the notice in person to the customer, the deposit or additional deposit amount is due and payable no sooner than 5:00 p.m. of the sixth business day from the date of delivery.~~
- (11) Interest on deposits - Interest on deposits collected from applicants or customers must:
- (a) Accrue at the rate calculated as a simple average of the effective interest rate for new issues of one-year treasury bills, computed from December 1 of each year through November 30 of the following year. The commission will advise the utility each year of the specific rate;
 - (b) Earn the calculated interest rate during January 1 through December 31 of the subsequent year;
 - (c) Be computed from the time of deposit to the time of refund or when applied directly to the customer's account; and
 - (d) Be compounded or paid annually.
- (12) Refund of deposit - Deposits plus accrued interest must be applied to the customer's account or refunded at the customer's request when there has been satisfactory payment or upon termination of service.
- (a) Satisfactory payment - Satisfactory payment is established when the customer has paid for service twelve consecutive months in a prompt and satisfactory manner as evidenced by the following:
 - (i) The utility has not initiated disconnection proceedings against the customer; and
 - (ii) The utility has sent no more than two notices of delinquency to the customer.
 - (b) Termination of service - Upon termination of service, the utility must return to the customer the deposit amount plus accrued interest, less any amounts due the utility by the customer.
- (13) How deposits are refunded - Any deposit plus accrued interest must be made available to the customer no later than fifteen calendar days following completion of twelve months of satisfactory

payment or the cancellation of service by one of the following:

- (a) Applied to the customer's account for service beginning in the thirteenth month, or
- (b) At the customer's request, in the form of a check delivered either by mail or in person at the local business office.

PACIFICORP COMMENTS:

Allowing three or more delinquency notices during the prior six months is excessive. Instead, PacifiCorp recommends one or more delinquency notices in the preceding six months to trigger a deposit. Alternatively, the Company recommends retaining the existing language that states three or more delinquency notices in the last 12 months.

PacifiCorp continues to object to the proposal to extend the time period for when an additional deposit is required if the notice is mailed outside of Washington. As we indicated in our earlier comments, it does not take an additional 3 days to deliver mail from outside Washington. Mail delivered from Vancouver, Washington or Portland, Oregon will arrive in the same amount of time to a customer in Yakima, Washington. If this change is mandated in the state of Washington, there would be additional programming costs to facilitate this requirement and significant lead time would be required to accomplish. In addition it would appear to be simpler to indicate the deposit is due seven business days after the notice is sent rather than payable no sooner than 5:00 p.m. of the sixth business day.

The Company believes that payment terms on deposits should be provided to residential customers and questions the need to provide similar terms to nonresidential customers. In addition, PacifiCorp does not support allowing nonresidential customers to qualify for the "alternative to deposit" as described in section (7).

Comments:

(1) Reformatted subsections (1) and (3)

(2) Changed the requirement of delinquent notices

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WAC 480-100-056 Refusal of Service (Combined with WAC 480-100-116 Responsibility for Delinquent Accounts)

(1) Electric utilities must refuse requests to provide service to a master meter in a building with permanent occupants when all of the following conditions exist:

- (a) The building or property has more than one dwelling unit;
- (b) The occupants control a significant part of the electricity used in the individual units; and
- (c) It is cost effective for the occupants to have the utility purchase and install individual meters considering the long-run benefits of measuring and billing each occupant's electric use separately.

(2) The utility may refuse to provide service if:

- (a) Providing service will cause an adverse affect on other customers, or does not comply with government regulations or the electric industry accepted standards;
- (b) In the utility's judgement, there are hazardous conditions at the premise, or the applicant's or customer's wiring or electrical equipment is hazardous, or of such nature that safe and satisfactory service cannot be provided;
- (c) The applicant or customer does not comply with the utility's request to provide protective devices to protect the utility's or other customers' properties from theft of damage;
- (d) The utility is unable to obtain all necessary rights-of-way, easements, approvals, and permits;
- (e) It is not economically feasible to provide service; or
- (f) ~~That~~ The applicant or customer ~~that~~ is known by the utility to have fraudulently obtained service as described in WAC 480-100-071, Discontinuance/disconnection of service;

(3) The utility may not refuse to provide service to an residential applicant or customer because there are outstanding amounts due from a prior customer at the same premise, unless the utility can determine, based

on objective evidence, that a fraudulent act is being committed, such that the applicant or customer is acting on behalf of the prior customer with the intent to avoid payment.

(4) The utility may not refuse service to an applicant or customer who has one ~~two~~ or less prior obligations in any one calendar year. A prior obligation is the dollar amount the utility has billed to the customer for which it has not received payment at the time service has been disconnected.

(5) The utility must allow the applicant or customer a minimum of one ~~two~~ prior obligations in any one calendar year.

PACIFICORP COMMENTS:

PacifiCorp believes that one use of prior obligation per calendar year provides customers with a safety net should they be unable to pay their bill while at the same time protecting the Company and the remaining customers from subsidizing those who use prior obligation more than once per year. In addition, prior obligation should be limited to residential customers only.

Comments:

(1) Combined with WAC 480-100-116 Responsibility for Delinquent Accounts.

(2) Combined subsections 2-7 under subsection 2.

(3) Subsection 5 - Added a minimum number of times prior obligation may be offered to applicants or customers.

WAC 480-100-071 Discontinuance/disconnection of service

(1) Customer-directed: The utility may require customers to give at least three days notice prior to the date service is to be discontinued. The customer is not responsible for usage after the requested date for discontinuance, provided the customer gave proper notice. If the customer moves from the service address and fails to request that service be discontinued, the customer will be responsible to pay for service taken at that service address until the utility can either confirm that the customer has vacated the premise and can access the meter, or that a new responsible party has taken service.

(2) Utility-directed without notice or without further notice: The utility may discontinue service without notice or without further notice when:

(a) After conducting a thorough investigation, it determines that the customer has tampered with or stolen its property, has used service through an illegal connection, or has fraudulently obtained service. The utility has the burden of proving that fraud occurred. For the purpose of this section, a nonsufficient funds check or dishonored electronic payment alone will not be considered fraud.

(i) First offense: The utility may disconnect service without notice when it discovers theft, tampering, or fraud unless the customer immediately pays all of the following:

(a) The tariffed rate for service that the utility estimates was used as a result of the theft, tampering, or fraud;

(b) All utility costs resulting from such theft, tampering, or fraud; and

(c) Any applicable required deposit.

(ii) Second offense: The utility may disconnect service without notice when it discovers further theft, tampering, or fraud. The utility may refuse to reconnect service to a customer who has been twice disconnected for theft, tampering, or fraud subject to appeal to the commission.

(b) After conducting a thorough investigation, the utility determines that the customer has vacated the premises;

(c) The utility identifies a hazardous condition in the customer's facilities or in the utility's facilities serving the customer.

(d) A customer pays a delinquent account with a check or electronic payment the bank or other financial institution has dishonored after the utility has issued appropriate notice as described in subsection (6) of this section;

(e) The customer has not kept an agreed upon payment arrangement for payment of a delinquent balance after the utility has issued appropriate notices as described in subsection (6) of this section; or

(f) The utility has determined a customer has used service prior to applying for service. The utility must charge the customer for service used in accordance with the utility's filed tariff;

This section should not be interpreted as relieving the customer or other person of civil or criminal responsibility.

(3) Utility-directed with notice - After properly notifying the customer, as explained in subsection (6) of this section, the utility may discontinue service for any one of the following conditions:

(a) For delinquent regulated charges as billed under WAC 480-100- 101 Billing requirements and payment date, including any required deposit, except that the utility cannot disconnect service when the customer has met the requirements of subsection () (5) of this rule for medical emergency or has agreed to or maintains agreed upon payment arrangements with the utility, as described in WAC 480-100-101 Billing requirement and payment date.

(b) For use of electric energy for purposes or properties other than those specified in the customer's service application;

(c) Under flat rate service for non-metered load, for increased electric use without the utility's approval;

(d) For refusing to allow the utility access to the customer's premise as required in WAC 480-100-091, Access to premise;

(e) For violating rules, service agreements, or filed tariff(s); or

(f) For use of equipment that detrimentally affects the utility's service to its other customers.

(4) Combination utilities - Electric service may not be disconnected for any amount owing for regulated natural gas services or for any nonregulated services.

(5) Medical emergencies (Can this be defined??)- When the utility has cause to disconnect or has disconnected a residential service, it must postpone disconnection of service or must reinstate service for a grace period of five business days after receiving either verbal or written notification of the existence of a medical emergency. The utility must reinstate service within four hours if the customer contacts the utility during the business day ~~between 8:00 a.m. and 5:00 p.m.~~ If the customer contacts the utility after the end of the business day, ~~the 5:00 p.m.~~ the utility must restore service by 12:00 p.m. the next business day. When service is reinstated, the utility will not require payment of a reconnection charge and/or deposit prior to reinstating service but will bill all such charges on the customers's next regular bill.

(a) The utility may require that the customer, within five business days, submit written certification from a qualified medical professional stating that the disconnection of electric service would aggravate an existing medical condition of a resident of the household. "Qualified medical professional" means a licensed physician, nurse practitioner, or physician's assistant authorized to diagnose and treat the medical condition without supervision of a physician. Nothing in this section precludes a utility from accepting other forms of certification, but the maximum the utility can require is written certification. If the utility requires written certification, it may require not more than the following information:

(i) Residence location;

(ii) An explanation of how the current medical condition will be aggravated by disconnection of service;

(iii) A statement of how long the condition is expected to last; and

(iv) The title, signature, and telephone number of the person certifying the condition.

(b) The medical certification is valid only for the length of time the health endangerment is certified to exist but no longer than sixty days, unless renewed.

(c) A medical emergency does not excuse a customer from having to pay delinquent and ongoing charges. The utility may require the customer to do the following within the five-business-day grace period:

(i) Pay a minimum of ten percent of the delinquent balance;

(ii) Enter into an agreement to pay the remaining delinquent balance within one hundred and twenty days; and

(iii) agree to pay subsequent bills when due.

Nothing in this section precludes the utility from agreeing to an alternate payment plan, but the utility may not require the customer to pay more than what this subsection prescribes. The utility must send a notice to the customer confirming the payment arrangements within two business days.

(d) If the customer fails to provide an acceptable medical certificate or ten percent of the delinquent balance within the five business-day-grace period or if the customer fails to abide by the terms of the payment agreement, the utility may not disconnect service without first mailing a written notice providing a disconnection date four business days after the date of the mailing or delivery in person to the customer's address. ~~not earlier than 5:00 p.m. of the third business day after the date of mailing if~~

~~mailed from within the state of Washington or six business days if mailed from outside the state of Washington, or by personally delivering a notice providing a disconnection date not earlier than 5:00 p.m. of the second business day following the date of delivery.~~

~~⊕ (e) A customer may claim medical emergency and be entitled to the benefits described in this subsection no more than ~~only twice~~ twice within any 12-month period. ~~120-day period.~~~~

(6) Disconnection notification requirements - The utility must notify customers before disconnecting their service except as described in subsection (2) of this section. Notification consists of the following requirements:

(a) The utility must serve a written disconnection notice to the customer either by mail or by personal delivery to the customer's address, with notice attached to the primary door. If the disconnection notice is for nonpayment during the winter months the utility must advise the customer of the payment plan described in 480-100-072 WAC Payment arrangements, and 480-100-XX5 WAC Winter low-income payment program. Each disconnection notice must include:

(i) A disconnection date that is not less than eight business days after the date of personal delivery or mailing; ~~if mailed from inside the state of Washington or a disconnection date that is not less than eleven business days if mailed from outside the state of Washington;~~

(ii) All relevant information about the disconnection action including the cause for disconnection, the amount owing, and how to correct the problem;

(iii) All relevant information about any charges that may be assessed; and

(iv) The utility's name, address, and toll-free telephone number by which a customer may contact the utility to discuss the pending disconnection of service.

(b) If the utility discovers the notice information is inaccurate, the utility must issue another notice to the customer as described in (a) of this subsection;

(c) In addition to the notice required by subsection (a) of this subsection, a second notice must be provided by one of the three options listed below:

(i) Delivered notice - The utility must deliver a second notice to the customer's service premise and attach it to the customer's primary door. The notice must state a scheduled disconnection date that is not earlier than ~~5:00 p.m. of the second~~ three business days after the date of delivery;

(ii) Mailed notice - The utility must mail a second notice which must include a scheduled disconnection date that is four business days ~~not earlier than 5:00 p.m. of the third business day~~ after the date of mailing. ~~if mailed from within the state of Washington or the sixth business days if mailed from outside the state of Washington; or~~

(iii) Telephone notice -The utility may elect to contact the customer by telephone during the business day. If this is the method used to notify the customer of the pending disconnection, ~~it must attempt at least two times to contact the customer during regular business hours.~~ A log or record of the calls must be kept for a minimum of ninety calendar days showing the telephone number called, the time of the call, and details of the ~~results of each attempted call.~~ When the utility has been unable to reach the customer by telephone, a written notice must be provided to the customer either by mailing it to the customer and providing a ~~mailed to the customer providing a~~ disconnection date that is four business days ~~not before 5:00 p.m. of the third business days~~ after the date of mailing ~~if mailed from within the state of Washington or the sixth business days if mailed from outside the state of Washington,~~ or by delivering a notice providing a disconnection date within three business days ~~of not before 5:00 p.m. two business days after~~ of the date of delivery;

(d) If the utility has not disconnected service within ten business days of the disconnection date stated in subsection (6)(a)(I) of this section, the disconnection notice will be considered void unless the customer and the utility have agreed upon a payment arrangement. Upon a void notice, the utility must provide a new disconnection notice to the customer as described in ~~(a)-(c)~~ (c) of this subsection;

(e) When the service address is different from the billing address, the utility must determine if the customer of record and the service user are the same party. If not, the utility must notice the service user as provided in this subsection prior to disconnecting service;

(f) Except in case of danger to life or property, the utility may not disconnect service on Saturdays, Sundays, legal holidays, or on any other day on which the utility cannot reestablish service on the same or following day;

(g) A utility representative dispatched to disconnect service must accept payment of a delinquent account at the service address, but will not be required to give change for cash paid in excess of the amount due and owing. The utility must credit any over-payment to the customer's account. The

utility may charge a fee for the disconnection visit to the service address if provided for in the utility's tariff;

(h) When service is provided through a master meter, or when the utility has reasonable grounds to believe service is to other than the customer of record, the utility must undertake reasonable efforts to inform occupants of the service address of the impending disconnection. Upon request of one or more service users, where service is to other than the customer of record, the utility must allow five days past the original disconnection date to permit the service users to arrange for continued service;

(i) Medical facilities - When service is provided to:

(i) A hospital, medical clinic, ambulatory surgery center, renal dialysis facility, chemical dependency residential treatment facility, or other medical care facility licensed or certified by the department of health, a notice of pending disconnection will be provided to the secretary of the department of health and to the customer. The department of health secretary or designee may request to delay the disconnection for five business days past the original disconnection date to allow the department to take the necessary steps to protect the interests of the patients residing at the facility;

(ii) A nursing home, boarding home, adult family home, group care facility, intermediate care facility for the mentally retarded (ICF/MR), intensive tenant support residential property, chemical dependency residential treatment facility, crisis residential center for children or other group home or residential care facility licensed or certified by the department of social and health service notice of pending disconnection will be provided to the secretary of the department of social and health services and to the customer. The department of social and health services secretary or designee may request to delay the disconnection for five business days past the original disconnection date to allow the department to take the necessary steps to protect the interests of the patients residing at the facility;

(j) Any customer may designate a third party to receive a disconnection notice or other matters affecting the customer's service. The utility will offer all customers the opportunity to make such a designation. If the utility believes that a customer is not able to understand the effect of the disconnection, the utility will consider a social agency to be the third party. In either case, the utility must delay service disconnection for five business days past the original disconnection date after issuing a disconnection notice to the third party. The utility will determine which social agencies are appropriate and willing to receive the disconnection notice, the name and/or title of the person able to deal with the disconnection, and provide that information to the customer;

(7) For the purpose of this section, the date of mailing will not be considered the first day of the notice period;

(8) Payments at a payment agency - Payment of any past-due amounts to a designated payment agency of the utility constitutes payment when the customer informs the utility of the payment and the utility has verified the payment.

(9) Remedy and appeals - Service may not be disconnected while the customer is pursuing any remedy or appeal provided by these rules or while engaged in discussions with the utility's representatives or with the commission. Any amounts not in dispute must be paid when due and any conditions posing a danger to health, safety, or property must be corrected. The utility will inform the customer of these provisions when the customer is referred to a utility's supervisor or to the commission.

PACIFICORP COMMENTS:

For reconnection of service after a medical emergency it is necessary to clarify that if the customer calls during the business day they will be reconnected within 4 hours. If the customer calls after the end of the business day they will be reconnected by Noon of the next business day.

PacifiCorp suggests greatly simplifying the date when the utility may disconnect should an acceptable medical certification or 10% payment not be received. Disconnection four business days after mailing is a reasonable notice period and simpler than the proposed "5:00 p.m. of the third business day" and "six business days if mailed from outside the State of Washington", which, as we have already stated, there is no basis for.

Is restricting medicals to no more than twice in a 120 day period any restriction on their use since the proposal is that each medical is valid for 60 days at a time?

With regard to the telephone notice for disconnection, PacifiCorp suggests some clarifying language. If the Company contacts the customer via telephone we agree it is necessary to log the call, however, we do not think it is necessary to specify the number of times the utility must attempt to reach a

customer via telephone since the customers who cannot be reached by phone will receive a mailed or delivered notice.

If the notice cannot be worked within 10 business days any required renoticing should follow the timeline provided in (c) for the second notice or alternatively the utility should be allowed to work the notice until such time any new notices are received by the customer which is the typical practice in the majority of states served by PacifiCorp. Utah is the only state served by the Company, besides Washington, where there is a restriction on working the notice. Utah rules allow fifteen days to work the notice and for notices that are not worked, the Company is required to provide a 48-hour notice of disconnection.

Comments:

(1) The requirement that the bills be paid within a minimum of fifteen days has been moved to WAC 480-90-106, Billing requirements and payment date (Form of Bills).

Utility disconnecting service without notice:

(2) Reformatted text addressing reasons when the utility can disconnect with and without notice to customers.

a. Clarifies companies are not required to provide disconnect notice if, after a thorough investigation, it has determined the customer has tampered with or vacated the property. (2)(a) - Combined language addressing obtaining service fraudulently (2)(g) with tampered or stolen service (2)(a).

b. Allows companies to disconnect without notice if a person is using service prior to ordering service.

(3) Added the utility may disconnect without notice when it identifies a hazardous condition. Utility disconnecting service without further notice:

(4) Added "electronic payment" to (2)(c), when a customer pays with a check or electronic payment that has been dishonored by a financial institution.

Customer disconnecting service:

(5) Customers must provide the date service is to be disconnected. 1 - Added language allowing the utility to require the customer to provide at least 3 days notice for service disconnection.

(6) Customers are not responsible for service after the requested date for disconnection.

(7) If the customer moves without notifying the utility to disconnect service, the customer will be responsible to pay for service until the utility can either confirm the customer has vacated the premise or that a new responsible party has moved in.

Medical Emergency:

(8) Moved the section for medical emergencies (subsection (2)(h) of existing rule) to follow reasons for disconnection.

(9) Requires companies to restore disconnected service within four hours after being notified of medical emergency situation. 5-Clarifies when the utility is required to restore service.

(10) Lengthened time of medical certificate from 30 days to 60 days.

(11) Restricted customers who delay disconnection of service via for medical emergencies from no limited amount of times to two times within 120 days.

(12) If utility does not receive medical certificate or ten percent payment of delinquent balance within 5 business days, the utility can disconnect service upon mailing a 3-day notice or personally delivering a notice allowing one business prior to disconnecting service.

(13) If the customer fails to abide by the payment agreement of the medical emergency, the utility can disconnect service upon mailing a 3-day notice or personally delivering a notice allowing one business prior to disconnecting service.

(14) (5)(e)-Combined language with (5)(d).

Notice procedures:

(15) When the utility mails a notice of disconnect from outside of Washington State, it must add three business days to the notice due date.

(16) Reformatted the procedures for disconnection.

(17) Utility is no longer required to mail notices; personal delivery is now another option with same due date as if mailed.

(18) Utility is allowed the option of mailing an additional notice or personally delivering a notice if it cannot reach the customer by telephone prior to disconnecting service.

(19) Updated information as to when and how the companies should provide notice to medical facilities and relevant state offices.

Utility-directed with notice -

(20) (3)(d) - Deleted reference to disconnecting due service to willful waste of service.

(21) Subsection 4- Added language electric service may not be disconnected for any amount owing with regulated gas service or for any nonregulated service.

WAC 480-100 xx4 Reconnecting service after disconnection

- (1) An electric utility must restore a disconnected service ~~within one business day~~ after the customer has paid, or at the time the utility has agreed to bill, any reconnection charge and:
- (a) The causes for disconnection not related to a delinquent account are removed and the customer pays all delinquent regulated charges, including any required deposit; or
 - (b) The customer has entered into an agreed upon payment arrangement for a delinquent account and any required deposit; or
 - (c) The delinquent account is a prior obligation account as defined in WAC 480-100-056 Refusal of service, and the customer has paid or made arrangements for a deposit;
- (2)(2) The commission may require reconnection pending resolution of any bona fide dispute between the utility and the customer over the propriety of disconnection.

PACIFICORP COMMENTS:

We are unsure about the basis for the requirement to reconnect within 1 business day. As part of PacifiCorp's recent merger agreement the Company has committed to reconnect within 24 hours after payments and/or arrangements are made. This is a stretch goal and should not form the basis of a rule. Typically it is our practice to reconnect within one business day, however, there may be instances where this is not feasible due to access or weather-related causes.

Comments:

- (1) New rule created out of current WAC 480-100-072 Discontinuance of service (4).
- (2) Added commission may order reconnection pending resolution of any bona fide dispute as stated in existing rule.

WAC 480-100-072 Payment arrangements

- (1) If a residential customer is billed for both gas and electric service and pays a portion of the total amount billed, the electric utility must allow the customer the option of applying the payment to the service of their choice. If the customer makes a partial payment and does not choose to which service the payment will apply, the utility must apply the payment to both services on a prorated basis according to the amounts billed for each service.
- (2) If the utility is delayed in billing the residential customer, the utility must offer payment arrangements that are equal to the length of time the bill was delayed.
- (3) The utility must offer all residential customers the option of an equal payment plan.
- (a) An equal payment plan allows the customer to pay the same amount each month based on historical usage. If historical information is not available, the utility will base the amount on projected usage;
 - (b) The utility may refuse to offer the equal payment plan to customers who have been removed from the equal payment plan for nonpayment within the past six months or have more than a two month past due balance on their current account. However, the utility may offer the equal payment plan to any customer when the utility believes this would be in the best interest of all parties concerned;
- (4) When a residential customer contacts the utility regarding a delinquent account or to avoid a delinquent account, the utility must offer extended payment arrangements appropriate for both the customer and the utility.
- (a) The customer may enter into one six-month payment arrangement prior to disconnection of service during the customer's total service time with the utility;
 - (b) If the customer does not choose to enter into a six-month payment arrangement, then the customer and the utility may make arrangements appropriate to both the customer and utility. If the customer does not propose payment arrangements acceptable to the utility, the utility will advise the customer of the payment plan described in WAC 480-100-XX5 Winter low-income payment program if appropriate.

(5) The utility must provide a receipt to customers for all payments made in cash.

Comments:

Changes to existing rule:

(1) Moved subsections (3) and (4) of existing rule to separate new rule.

(2) Added that if the utility delayed billing to the customer, it must allow the customer to make payment arrangements equal to the length of time the customer waited for the bill.

(3) Added that utilities who provide both electric and gas service, must prorate payments to each service if the customer has not designated which service should be paid.

(4) Added that the utility must provide receipts for all cash payments.

(5) Added that the customer may enter into a six month payment arrangement on a delinquent account one time prior to disconnection of service.

(6) Clarified how budget payment plans are calculated.

(7) Clarified rule pertains to residential customers.

WAC 480-100-XX5 Winter low-income payment program

(1) During the winter months between, November 15 and March 15, the electric utility may not discontinue residential space heating service if the customer does all of the following:

(a) Notifies the utility of the inability to pay the bill and any required deposit. This notice should be provided within five business days of receiving a delinquent notice unless there are extenuating circumstances. If the customer does not notify the utility within five business days and service is disconnected, the customer can receive the protections of this chapter, by paying reconnection charges, if any, and by otherwise fulfilling the requirements of this section;

(b) Provides self-certification of household income for the prior twelve months to a grantee of the Department of community, trade, and economic development or its successor. For the purposes of this section, the grantee is a contractor operating low-income energy assistance programs for the Department of community, trade, and economic development. The grantee will within 30 days determine that the household income is not higher than the maximum allowed for eligibility under the state's plan for low-income energy assistance. The grantee will ~~also~~ also within 30 days provide a dollar figure to the company that is seven percent of the household income. For the purposes of this section, household income is defined as the total income of all household members as determined by the grantee within 30 days of the date the company is notified of the inability to pay. The grantee may verify information provided in the self-certification;

(c) Applies for home energy assistance from appropriate government and/or private sector organizations and certifies that any assistance received will be applied to the customer's current and future utility bills;

(d) Applies to the utility or other appropriate agencies for low-income weatherization assistance if such assistance is available for the dwelling;

(e) Agrees and abides to that agreement to:

(i) Pay all amounts owed to the utility by the following October 15 and pay for continued service; and

(ii) Pay a monthly payment during the winter period. The utility will not require payment of more than seven percent of the customer's monthly income. In addition, the customer must pay one-twelfth of any billings from the date application is made through March 15. A customer may agree to pay a higher percentage of income during this period, but the customer's account will not be considered past due unless payment during this period is less than seven percent of the monthly income plus one-twelfth of any past due amounts accrued from the date application is made and thereafter. If the customer does not pay the past due bill by the following October 15, the customer will not be eligible for protections under this section until the past due bill is paid;

(f) Notifies and provides documentation to the utility, if requested, that the customer has received any home heating assistance payment from government and/or private sector organizations after being approved for the plan. When the utility receives this information it must recalculate the payments for the customer; and

(g) Pays all amounts owed even if the customer moves.

(2) The utility will:

(a) Assist the customer in fulfilling the requirements under this section;

(b) Be required to transfer an account to a new residence when a customer who has established a plan under this section moves from one residence to another within the same utility's service area;

(c) Be allowed to disconnect service in accordance with WAC 480-100-071, Discontinuance/disconnection of service, if the customer has not kept the payment arrangements as described in subsection (1) of this section. The utility must also include in the customer's disconnection notice:

(i) A description of the customer's duties outlined in subsection (1) of this section; and

(ii) An explanation that the utility will restore service if the customer contacts the utility and satisfies the other requirements of this section;

(d) Be allowed to disconnect service for practices authorized by law other than for nonpayment as stated in this section;

(e) Allow customers who qualified under subsection (1) of this section and who default on their payment plan and are disconnected in accordance with WAC 480-100-071, Disconnection of service, to reconnect and maintain the protection afforded under this chapter when they:

(i) Pay any reconnection charges; and

(ii) Pay all amounts that would have been due and owing on the date the service is reconnected; and

(f) Provide a written copy of the extended payment plan to the customer.

~~(3)~~ Any customer who has a past due amount owing under this payment plan will not be eligible to reapply for a new extended payment plan unless authorized by the utility.

PACIFICORP COMMENT:

(1) Removing the 30 day time limit for the grantee could create excessive and cumbersome administrative work for the Company. This change would also delay collection activity. The Company believes 30 days is a reasonable amount of time to complete this necessary work.

Comments:

Changes to rule:

(1) This rule is moved from WAC 480-100-072, Payment Arrangements, subsections (3) and (4).

(2) Reformatted rule to more closely parallel with RCW 80.28.010 (4) and (5).

(3) Moved definitions of energy assistance grantee and household income from WAC 480-100-021 (5) and (6) to subsection (1) (b) of this rule.

WAC 480-90-076 Service Responsibility

(1) Customer responsibility - The customer will notify the electric utility in writing prior to changes in the customer's equipment or usage, which will materially affect the service to be rendered. The customer will give such notice within a reasonable time so the utility can provide the necessary facilities and acquire additional power supply if needed. The charge for such necessary facilities, if any, will be in accordance with the utility's filed tariff.

(2) Electric utility responsibility - Electric utilities:

(a) Will install and maintain equipment within its system that may be necessary to operate the electric system. The commission may require the utility to provide additional equipment in connection with performing special investigations if economically feasible.

(b) Will promptly notify all affected customers of a change to the service that would affect the efficiency of operation or the adjustment of the customer's equipment. If an adjustment to the customer's equipment is necessary, the cost will be recovered in accordance with the utility's tariff, except that when the customer has been notified of a change in service prior to receiving service or when such that change is required by law, the customer must bear all cost in connection with making changes to the customer's own equipment.

(c) Must maintain its plant in such a condition that will enable it to furnish safe and; adequate, and efficient service and meet applicable state and federal standards.

(d) Will make all reasonable efforts to avoid interruptions of service and, when such interruptions occur, will endeavor to reestablish service with the shortest possible delay.

When it is necessary for an electric utility to make repairs to or change its facilities, excluding meters, the utility may, ; suspend service for such periods as may be reasonably necessary and in such a manner as to minimize the inconvenience to customers. The utility will individually notify police and

fire departments affected by such a suspension. All customers affected by a scheduled interruption will be given notification through newspapers, radio announcements, or other means at least one day in advance.

(e) Must keep a record of all interruptions of service affecting a substantial number of customers, including in such record the location, the date and time, the duration, and, as accurately as possible, the cause of each interruption. Utilities must submit copies of such records to the commission upon request.

PACIFICORP COMMENTS:

The Company proposes deleting the term “efficient” since the definition is unclear.

The Company requests that this rule be clarified to exclude meters from “facilities”. The Company believes the intent of the rule is to provide notice for planned interruptions for circuits or areas -- not to cover situations where it may be necessary to test or exchange meters necessitating a brief interruption of power.

Comments:

This rule was renumbered. No other changes were made to this rule.

WAC 480-100-xx6 Consumer proprietary information

(1) An electric utility may not disclose, permit access to, or use of customer proprietary information for the purposes of to marketing service or product offerings by other entities, including any electric utility affiliates to a customer who does not already subscribe to that service or product.

(2) A utility may not share customer proprietary information with its affiliates to market service or product offerings to a customer who does not already subscribe to that service or product.

(3) Customer proprietary information means information that related to the quantity, technical configuration, type, destination, and amount of use of service or products subscribed to by a customer of a regulated utility that is available to the utility solely by virtue of the customer-utility relationship.

PACIFICORP COMMENTS:

PacifiCorp would like to be able to offer customers weatherization, and options such as Blue Sky or Equal Pay.

Comments:

New rule, adapted from current telecommunication rule (WAC 480-120-151 Telecommunication’s carriers use of customer proprietary network information (CPNI)) .

WAC 480-100-081 Service entrance facilities

(1) An electric utility may require customers to:

(a) Provide entrance facilities at the easiest access point to the utility’s distribution system and

(b) Comply with reasonable requirements to keep those facilities free from tampering or interference.

(2) In order to permit the required clearances, utilities may require their customers to provide a structurally sound point of attachment for the utility’s service conductors pursuant to the National Electric Code.

Comments:

Rule rewritten for clarity.

WAC 480-100-091 Access to premises

Authorized representatives of a electric utility have the right to enter a customer's property during reasonable hours to perform meter reading, maintenance, testing, installation, or removal of the utility’s property. Electric utility representatives must provide a means of identification upon request. (2) When performing maintenance, testing, installation, or removal of the utility’s property, the utility must restore

the customer's property as close as possible to the condition prior to the utility's action or other such arrangements as agreed to with the customer.

Comments:

- (1) Revised per water rules and stakeholder comments.
- (2) Added subsection (2).

WAC 480-100-096 Electric utility responsibility for complaints and disputes

- (1) When an electric utility receives a complaint in any form from a customer or an applicant for service it must acknowledge receipt of the complaint and:
 - (a) Provide the name of the utility's contact to the complainant;
 - (b) Investigate the complaint promptly;
 - (c) Report the results of the investigation to the complainant;
 - (d) Take corrective action, if warranted, as soon as possible under the circumstances;
 - (e) Inform the complainant; ~~that the decision may be appealed to a supervisor at the utility; and~~
 - ~~(f) Inform the complainant:~~
 - (i) Of the complainant's right to speak to a supervisor at the utility; and
 - (ii) Of the complainant's right to file a complaint with the commission and provide the commission's address and toll-free telephone number.
- (2) Applicants, customers, or their representatives may file with the commission:
 - (a) An informal complaint as described in WAC 480-09-150 Informal complaints; or
 - (b) A formal complaint against the utility as described in WAC 480-09-420 Pleadings and briefs - Applications for authority - Protests.
- (3) When the commission refers an informal complaint to the utility, the utility must:
 - (a) Investigate and report the results to the commission within ~~two~~ three business days. The commission may grant an extension of time for responding to the complaint, if requested and warranted;
 - (b) Keep the commission informed of progress toward the solution and the final result; and
 - ~~(c) Respond to the commission's request for additional informal complaint information within three business days of the request or at a date specified by the commission~~ The commission will investigate the utility response and report the complaint resolution to the utility within 30 calendar days.
- (4) Each electric utility must keep a record of all complaints for at least three years and, on request, make them readily available for commission review. The record must contain:
 - (a) The complainant's name and address;
 - (b) The date and nature of the complaint;
 - (c) The action taken;
 - (d) The final result; and
 - (e) All ~~correspondence and~~ records regarding the complaint. ~~(PacifiCorp includes the correspondence in the complaint record.)~~

PACIFICORP COMMENTS:

Two business days is oftentimes too short of a time for an investigation and response. PacifiCorp recommends three business days which is also consistent with the Company's recent merger commitment and gives an additional day to provide better information to the commission.

PacifiCorp questions the need to add the additional language regarding providing additional information back to the commission within 3 business days. However, it would be helpful to receive resolution from the commission within a specified period of time to allow the utility to proceed with collections or other necessary action. This would preclude the customer from getting further behind in their bills and also provide closure to an issue.

Comments:

Changes to existing rules:

- (1) Added requirement (a) to subsection (1),
- (2) Added requirement (c) to subsection (3), and
- (3) Changed record keeping requirement for all complaints from one to three years
- (4) Subsection 4 - Added the company's complaint record must include all correspondence and records

regarding the complaint.

(5) Subsection (2)(b)- Changed WAC 480-09-500 Brief adjudicative proceedings to WAC 480-09-420 Pleadings and briefs - Applications for authority - Protests.

WAC 480-100-101 Billing requirements and payment date

(1) Customer bills must:

- (a) Be issued at intervals not to exceed two one-month billing cycles;
- (b) Show the total amount due and payable ; (c) Show the date the bill becomes delinquent if not paid;
- (d) Include the utility's business address, business hours, and a toll-free telephone number and an emergency telephone number by which a customer may contact the utility;
- (e) Include the current and previous meter readings, the current read date, and the total amount of kilowatts used for each billing rate, the applicable billing rate, and the minimum bill;
- (f) Show the amount of kilowatts used for each billing rate, the applicable billing rates per kilowatt, the basic charge or minimum bill, and any other applicable tariff charges;
- (g) Compare energy usage information for the current month and same billing month of the previous year, if available, for the following:
 - (i) Number of days in billing period;
 - (ii) Kilowatts used; and
 - (iii) Average kilowatts used per day;

(h) Show the amount of any municipal tax subcharges and their respective percentage rates.

(i) Clearly identify when a bill has been prorated. A prorated bill will be issued when service is provided for a fraction of the billing period. Unless otherwise specified in the utility's tariff, the charge will be prorated in the following manner:

- (i) Flat rate service will be prorated on the basis of the proportionate part of the period the service that was rendered;
- (ii) Metered service will be billed for the amount metered. Any basic or minimum charge will be billed in full.

(j) Clearly identify when a bill is based on an estimation.

- (i) Estimates shall be based on the best available information; ~~The utility must detail its method(s) for estimating customer bills in its tariff on file with the commission;~~
- (ii) The utility may not estimate for more than four ~~two~~ consecutive billing cycles, unless the cause of the estimation is inclement weather, terrain, or a previous arrangement with the customer; ~~If estimated bills are caused by the inability of the utility to access the customer's meter, the utility will be allowed to disconnect service by giving proper notice as required in WAC 480-~~

(k) Clearly identify determination of maximum demand. Utilities providing service to any customer on a demand basis must detail in their filed tariff the method of applying charges and of ascertaining the demand;

(2) The minimum time allowed for payment after the bill's mailing date must be fifteen days, ~~if mailed within the state of Washington, or eighteen days if mailed outside the state of Washington.~~

~~(3) The utility must allow a customer to change a payment date when the customer has a satisfactory reason for the change. The utility will not be required to change the customer's billing cycle. A satisfactory reason may include, but is not limited to, adjustment of a billing cycle to parallel receipt of income.~~ The preferred payment date must be prior to the next billing date.

PACIFICORP COMMENTS:

PacifiCorp believes the new bill estimate requirements are particularly onerous. The Company's procedures for estimating bills should not be tarified. Two billing cycles, or two months, is too short of a time. In addition, it should be made clear that the utility will be allowed to disconnect if access if a problem. This is a last resort for PacifiCorp and something we would rather not do – but the rules should clearly state this is the consequence of estimated reads due to access.

The Company will not be able to change the customer's billing cycle and bills will still be mailed to customers on the same date.

Comments:

Changes to existing rule:

- (1) Added total amount owed will be listed on bill.
- (2) Added that utility must include business address, toll-free telephone number, business hours and emergency telephone number on bill.
- (3) Added information to be included on bill in order to calculate bill amount.
- (4) Changed what information is to be provided in order to compare bill with previous year's usage.
- (5) Clarified tax information to be included on bill.
- (6) Added utility may not estimate bill for more than two consecutive billing cycles. Clarified when estimations for more than two consecutive billing cycles can occur.
- (7) Added three days to bill due date if bill is mailed outside of the state.
- (8) Added when a customer requests a preferred payment date, it must be requested prior to the next bill date.
- (9) Moved reference of the 15-day minimum for billing from WAC 480-100-071 (1)(a), Disconnection of service.
- (10) Added method of estimation of bills must be detailed in the utility's tariff.
- (11) Subsection (1)(a) - Changed issuing bills from "two months" to "two one-month billing cycles."
- (12) Subsection (1)(f) - Require the company to provide usage comparison for the "current month" in addition to the same billing month of the previous year.

WAC 480-100-171 Complaint Meter Tests (combining: WAC 480-100-171 Complaint Meter Test, WAC 480-100-166 Dispute as to meter accuracy, and WAC 480-100-111 Refund for inaccurate metering)

- (1) An electric utility must test and report to the customer the accuracy of a meter within ~~fifteen~~ 20 business days after receiving a request from a customer. The utility must allow the customer to order one meter test free of charge during a twelve-month period. If the customer disputes the accuracy of the meter, the customer must allow the utility access for meter testing.
- (2) The customer may, at the customer's option, either witness the meter test or designate a representative to witness the test. The customer may require the meter to be sealed upon removal in the customer's or the customer's representative's presence. The seal must not be broken until the test is made in the customer's or the customer's representative's presence, or until permission to break the seal has been granted by the commission. The utility must report the results of the meter test to the customer.
- (3) A customer may request the utility to perform additional meter tests within twelve- months of the last meter test. The utility must immediately inform the customer of any additional meter test charges. If the customer elects to have the meter test performed, the utility will perform the test and report the test results to the customer within ~~fifteen~~ 20 business days not including the transit time if the meter is shipped by a third party carrier to the utility's shop. If the additional meter test results show the meter is performing accurately as described in subsection (2) of WAC 480-100-136, Accuracy requirements for electric meters, the utility may charge the customer for performing the additional meter tests. The charge of the meter test must be listed in the utility's tariff. The utility may not charge the customer for any additional meter test that shows the meter is performing outside acceptable tolerance levels as defined in subsection (4) of WAC 480-100-136, Accuracy requirements for electric meters.
- (4) If the customer disputes any meter test result, the utility or the customer may contact the commission to review the complaint. When the commission has notified the utility that a complaint has been received regarding the customer's meter, the utility will not change the meter in any manner unless authorized by the commission. If the utility violates this provision, the commission may consider it as supporting the customer's dispute since the change might affect the proof of the dispute. The commission may require the utility to perform an additional test and report the test results to the commission within ten business days.
- (5) If a meter test reveals a meter error greater than specified as acceptable in subsection (2) of WAC 480-100-136, Accuracy requirements for electric meters, the utility must repair or replace the meter at no cost to the customer. The utility must adjust the bills to the customer based on the best information available to determine the appropriate charges.
 - (a) The utility must refund the customer back to the date the customer's usage was first measured by a defective meter, limited to a maximum correction period of six months;
 - (b) In cases where the customer will be billed for additional meter usage, the utility must bill to the date the customer's usage was first measured by a defective meter, limited to a maximum correction period of six months. The utility will offer payment arrangements in accordance with subsection (2) of WAC 480-100-072, Payment Arrangements.

(6) Reports - the commission may require the utility to provide meter test results to the commission in response to a customer's complaint. These reports will contain the name or address of the customer, the meter manufacturer's name, the manufacturer's and utility's meter number, the size or capacity of the meter, the date the meter was tested, the reading of the meter when tested, the accuracy of the meter as found, and the accuracy of the meter after adjustment.

PACIFICORP COMMENTS:

(1) As part of PacifiCorp's merger commitment the Company has committed to a stretch target of performing meter tests and reporting back to the customer within 15 working days. We do not believe that this stretch target should be the minimum requirement in the state of Washington. The 20 working days to perform the test and report to the customer is a more reasonable requirement for a threshold and mirrors the Company's requirement under Oregon rules.

Comments:

Changes to existing rule:

(1) Staff suggest combining the following rules into one:

WAC 480-100-171 Complaint Meter Test

WAC 480-100-166 Dispute as to meter accuracy

WAC 480-100-111 Refund for inaccurate metering

(2) Deleted utility option of refusing meter test

(3) Deleted "initiate" in subsection (1) and changed to must test and report results to customer within ten business days. Extended time frame for testing the meter and reporting to the customer from ten days to fifteen days and allowed time for shipping meter from third party carrier.

(4) Added if the customer requests additional meter tests, the utility must inform the customer of the meter test charges.

(5) Clarified that utility may use "best information available" to adjust bills due to meter inaccuracy.

(6) Clarified customer will not be billed for more than six months for additional meter usage as well as limiting refunds to six months.

(7) In subsection (1), added language stating if customer is disputing the accuracy of the meter, the customer must allow the company access to the meter.

WAC 480-100-311 Payment locations

(1) An electric utility must provide payment agencies in locally accessible locations where applicants and customers can make payments at no charge to the applicants and customers as needed to receive service. Payment agencies must clearly post and maintain regular business hours.

(2) The utility and its payment agencies must provide receipts for any cash payments made by applicants or customers.

The utility must provide, at a minimum, a toll-free telephone number for applicants and customers to use during business hours in order to receive information relating to services and rates, to accept and process orders for service, to explain charges on customer bills, to adjust charges made in error, and to generally act as representatives of the utility.

~~(4) The utility must provide written notice to its affected customers and to the commission at least thirty days prior to the closing of any business office, customer service center, or payment agency. In the event that a payment agency is closed on less than thirty days notice, written notification is required as soon as the utility becomes aware of the closure. At a minimum, the following information is required:~~

~~— (a) The communities affected by the closing;~~

~~— (b) The date of the closing;~~

~~— (c) A listing of other methods and facility locations available for payment of cash or urgent payments; and~~

~~— (d) A listing of other methods and locations for obtaining business office and~~ (4) The utility must provide written notice to its affected customers and to the commission at least thirty days prior to the closing of any business office, customer service center, or payment agency. In the event that a payment agency is closed on less than thirty days notice, written notification is required as soon as the utility becomes aware of the closure. At a minimum, the following information is required:

The communities affected by the closing;

The date of the closing;

(c) A listing of other methods and facility locations available for payment of cash or urgent payments; and

(d) A listing of other methods and locations for obtaining business office and customer service center services.

PACIFICORP COMMENTS:

If this rule is needed we recommend that notice to customers be omitted especially with regard to notice regarding closure of payment agencies. Typically notice regarding closure of payment agencies is posted at the payment agency and this is the most cost effective way to notify the customers who use the payment agencies.

Comments:

Changes to existing rule:

(1) *Changed title of section*

(2) *Deleted definition of urgent payment*

(3) *Changed “reasonable access” to convenient location in section (1). In (1) changed “convenient” to “locally accessible.”*

(4) *Deleted business office designation*

(5) *Deleted requirement that business offices be accessible in person.*

(6) *Added utility must notify customers of payment agency closures.*

480-100-XX7 Electric customer notification requirements

An electric utility must notice its customers once, either prior or after commission action, depending on the type of filing.

(1) Customer notice prior to commission action:

(a) Each affected customer must receive at least thirty days notice prior to the requested effective date when an electric utility proposes to:

(i) ~~Increase recurring monthly rates;~~

(ii) File a general rate increase that will be:

(A) Addressed in an open meeting; or

(B) Addressed in a formal hearing process (see WAC 480-80-125, Notice by utility to customers concerning hearing, for content of notice);

~~(iii) Restrict access to services (e.g., discontinue a service, limit access to service by imposing a new usage level on existing services, etc.);~~

~~(iv) change the ownership or control of the operating company (see WAC 480-143-210; Transfer customer notice requirements, for content of notice);~~

(b) At a minimum, an electric utility must notify:

(i) Each customer that will be affected by the company's proposal; and

(ii) The public affairs section of the commission.

(c) Content of notice for rate change (UTC informal process). Each customer notice must contain, at a minimum:

(i) The date the notice is issued;

(ii) The utility's name and address;

(iii) A clear explanation of the proposal that ensures customers understand the proposed change and the impact of the change;

(iv) The utility's reasons for the change (use examples as needed);

(v) A comparison of current and proposed rates by service;

(vi) An example of the proposal based on an average customer's use (for example: an average residential customer uses __ KWH a month. Usage multiplied by proposed rate = \$ per month.)

(vii) When the rates will be billed (i.e., monthly or bi-monthly);

(viii) Date the change would go into effect;

(ix) An explanation that the commission has the authority to set final rates that may vary from the utility's request and may be either higher or lower, depending on the results of the investigation;

(x) A description of how and where the customers may contact the utility if they have specific questions or need additional information about the proposal; and

(xi) The utility must include public involvement language in the notice. A utility may choose from (A) or (B) below:

(A) All comments to the Commission must be submitted in writing or presented at the public meeting on this case. If you have questions or you would like to be added to the mailing list for this case, you may contact the Washington Utilities and Transportation Commission at P.O.

Box 47250, Olympia, WA 98504-7250; 1-800-562-6150 (toll free); or 360-664-3604 (fax).

(B) A utility may use language of its own. The following information must be included if this option is chosen:

(I) A brief explanation of how to participate in the commission's process by attending an open meeting, writing a letter, e-mail or fax;

(II) How to contact the commission for process questions or notification of the scheduled open meeting date; and

(III) The commission's mailing address, voice and fax numbers, and e-mail address.

(d) Methods of notice permitted - Notice may be accomplished by bill insert, bill message, printing on back of the billing envelope or a separate mailing to all affected customers.

(2) Customer notice after commission action:

(a) Each affected customer must receive notice on the first bill after a commission decision when a utility increases rates for:

~~(i) Non-recurring charges (e.g., late payment fees, NSF fees, etc.);~~

~~(ii) Local taxes; or~~

~~(iii) Conservation program rates.~~

(b) At a minimum, an electric utility must notify:

(i) Each customer affected by the utility's proposal; and

(ii) The public affairs department of the commission.

(c) Content of notice: At a minimum, after commission action notice must include the effective date, a clear description of the changes to rates or services and a utility's contact number where customers may seek additional information;

(d) Methods of notice permitted - In addition to the methods permitted in subsection (1)(d) of this section, notice after commission action may be accomplished by publication in a utility's newsletter.

(3) Commission assistance on customer notice. The commission's public affairs section is available to assist utilities with customer notice questions. The public affairs section will also review and offer suggestions on draft customer notice language. If a utility would like assistance, the utility should submit the notice for review at least one week prior to planned notice printing date.

~~(4) Other customer notice.~~ The commission may require notification to customers other than described in this rule when a utility's proposal has a significant impact on customer rates, or access to services, or when customer education is needed.

PACIFICORP COMMENTS:

(1) We would like to discuss the proposed noticing rule at the next workshop.

Comments:

(1) This rule is designed to ensure that customers of a regulated electric utility proposing a change in its rates or services receive adequate information to understand the change and the effect on them and to determine whether or not to become involved in the commission's decision-making process. A good customer notice meets three basic ideas: to notify intent, to educate, and to involve customers. Currently, customer notice requirements are contained in WAC 480-80-120 Notice to the public of tariff changes, and WAC 480-80-125 Notice by utilities to customers concerning hearing, governed by 80.28.060 RCW. It is staff's intent (chapter 480-80 is currently opened for review) to repeal WAC 480-80-120 and replace that requirement with the new proposed customer notice rules. In WAC 480-80-125, the formal hearing notice, staff will update the language and will recommend that it remains within chapter 480-80 WAC.

(2) See "Principles underlying customer notice practices."

III. Financial Records and Reporting Rules

WAC 480-100-031 Accounting Systems

(1) Electric utilities in the state of Washington must use the uniform system of accounts applicable to major and non-major electric utilities as published by the Federal Energy Regulatory Commission (FERC) in the Code of Federal Regulations.

(2) Electric utilities having multi-state operations must maintain records in such detail that the costs of property located and business done in this state in accordance with geographic boundaries can be readily ascertained.

(3) Any deviation from the uniform system of accounts, as prescribed by the FERC, will only be accomplished after due notice and order of this commission.

Comment:

(1) This revision separates accounting aspects of rule 480-100-031 Accounting Systems from the reporting aspects.

(2) The language is re-written for clarity.

WAC 480-100-xx8 Financial Reporting requirements

(1) Annual Report.

(a) Electric utilities will use the annual report form (FERC Form No. 1) promulgated by the Federal Energy Regulatory Commission for purposes of annual reporting to this commission. Data required by RCW 80.04.080 Annual Reports, but not included in the FERC Form No. 1, must also be submitted with the annual report. Utilities must submit the annual report for the preceding calendar or fiscal year, along with the regulation fees, four months after the close of the preceding calendar or fiscal year by May 1 of each year;

(b) Utilities with multi-state or multi-service operations must also submit to this

commission a supplement to its annual report that includes the amount of property, revenues, expenses, taxes, depreciation, etc., necessary to furnish utility service to its customers in the state of Washington. The supplement to the annual report must include the average customer count and total unit sales per customer class for the fiscal or calendar year;

(c) Combination and multi-state utilities must submit their cost allocation methods necessary to develop results of operations for the state of Washington with the annual report. Approval of cost allocation schemes for rate making purposes is only accomplished by Commission order;

(d) The total utility results of operations reported by each utility in its annual report to the commission must agree with the results of operations shown on its books and records.

(2) Commission Basis Reports (Annual)

(a) The intent of the "Commission Basis" report is to depict the electric operations of a utility under normal temperature and power supply conditions during the reporting period. The commission basis report includes the following:

(i) Utilities must report booked results of electric operations and rate base, along with the necessary adjustments as accepted by the commission, in the utility's most recent general rate case or subsequent orders;

(ii) Utilities must adjust their actual results of operations for out of period items; non-operating, non-recurring, extraordinary items; or any other item that materially distorts reporting period earnings and rate base;

(iii) Utilities must adjust booked revenues and power supply expenses to reflect operations under normal temperature and power supply conditions before the achieved return on rate base is calculated; and

(iv) Commission Basis reports should not include adjustments that annualize price, wage, or other cost changes during a reporting period, nor new theories or approaches which have not been previously addressed and resolved by the Commission.

(b) Utilities must submit the basis of any cost allocations and the allocation factors necessary to develop the commission basis results of electric operations for the state of Washington;

(c) Commission Basis reports are due within four months of the end of a utility's fiscal year.

(3) Quarterly Reports

~~Electric utilities must file a report of actual results for Washington operations within forty five days of the end of each quarter. The results of operations report must contain each of the three monthly balances and the latest twelve months ending balance for all accounts of the uniform system of accounts. The report must include the average customer count and total unit sales per customer class for each reported period.~~

(4) Additional Reports

This section will not supersede any reporting requirement specified in a commission's order or limit the commission's ability to request additional information.

PACIFICORP COMMENTS;

PacifiCorp is converting to fiscal year reporting and has made recommended language changes to reflect this option.

PacifiCorp questions whether quarterly reports are necessary. Un-normalized information is subject to significant month-to-month variations relating to weather, hydro conditions, thermal generation, market conditions and other influences.

Comment:

(1) *This revision separates reporting aspects of WAC 480-100-031 Accounting Systems into a separate rule.*

(2) *The Commission basis report is changed to an annual filing.*

(3) *The monthly report is changed to a quarterly filing with specific required contents.*

(4) *Other language is re-written for clarity.*

WAC 480-100-032 Expenditures for political activities

(1) Neither direct nor indirect expenditures for lobbying, political information, political education, or political advertising may be included in rates or tariffs regulated by this commission.

(2) Political information, education, and advertising activities include, but are not limited to:

- (a) Encouraging support or opposition to ballot measures, legislation, candidates for an office, or current public office holders;
- (b) Soliciting support for political action committees;
- (c) Gathering data for political mailing lists; and
- (d) Soliciting political contributions or recruiting political volunteers;
- (e) Advertising to influence public opinion with respect to legislative, administrative, or electoral matters, or any controversial issue of public importance.

Comment:

This version organizes all political expenditures into one rule. Item (e) is from 480-100-043, Promotional advertising.

WAC 480-100-036 Securities, affiliated interests, and transfers of property

(1) Before an electric utility issues securities it must file with the commission a statement in accordance with chapter 80.08 RCW and chapter 480-146 WAC.

(2) Before an electric utility enters into an arrangement with an affiliated interest it must file with the commission a verified copy of the contract or arrangement in accordance with chapter 80.16 RCW and chapter 480-146 WAC.

(3) Before an electric utility transfers property it must apply for, and obtain, commission approval in accordance with chapter 80.12 RCW and chapter 480-143 WAC.

Comment:

Rule rewritten for clarity and to conform with statutory changes.

WAC 480-100-043 Promotional Advertising

(1) Neither direct, nor indirect expenditures for promotional advertising may be included in rates or tariffs regulated by this commission. The term "promotional advertising" means advertising to encourage any person or business to select or use the service or additional services of an electric utility, to select or install any appliance or equipment designed to use the electric utility's service, or to influence consumers' opinions of the electric utility.

(2) As used in this rule the term "promotional advertising" does not include:

- (a) Advertising which informs customers how to conserve energy or how to reduce peak demand for energy;
- (b) Advertising required by law or by regulation, including advertising under Part 1 of Title II, of the National Energy Conservation Policy Act;
- (c) Advertising regarding service interruptions, safety measures, or emergency conditions;
- (d) Advertising concerning employment opportunities with the electric utility;
- (e) Announcements or explanations of existing or proposed tariffs or rate schedules;
- (f) Notices of meetings or commission hearings concerning electric utility rates and tariffs.

Comment:

This new version restricts rule to just promotional type advertising. It maintains prohibition on allowing advertising in rates. The current clause concerning energy efficient appliances is considered redundant and covered in subsection 2(a).

WAC 480-100-211 Retention and preservation of records and reports

(1) The electric utility must retain all records and reports for three years unless otherwise specified in the publication referenced in subsection (2) of this section. No records may be destroyed prior to the expiration of the time specified by the publication referenced in subsection (2) of this section.

(2) The *Regulations to Govern the Preservation of Records of Electric, Gas, and Water Companies*, published by the National Association of Regulatory Utility Commissioners is prescribed as the requirement for the state of Washington. This document is available at the commission's branch of the Washington state library. The commission secretary will provide a copy of the document on request, subject to any charge, or it may be ordered directly from the National Association of Regulatory Utility Commissioners.

Comments:

Rule rewritten for clarity and consistency with water rules.

IV. Metering rules

WAC 480-100-086 Meter Location

Subject to the utilities' requirements, customers must provide a place to install the metering equipment that is:

- (1) Readily accessible to utility employees without risks of bodily harm and
- (2) Free from vibration, corrosive atmosphere, and abnormal temperatures

Upon request by a customer or a customer's representative, electric utilities must provide a written description of acceptable meter installation parameters applicable to the customer's electrical service needs.

Comments:

Rule rewritten for clarity

WAC 480-100-121 Meter Charges

(1) An electric utility will make no charge for furnishing and installing the meter or meters required to determine the billing to be made for electric service in accordance with its filed tariff. The utility may charge for additional metering requested by the customer or required by the utility's tariff for service beyond determining the billing to be made for electric service.

(2) No meter shall be required on unmetered load.

Comments:

Rule rewritten for clarity and stakeholders' comments.

WAC 480-100-126 Meter readings, multipliers, and test constants (combining WAC 480-100-126 Meter reading and WAC 480-100-156 Multipliers and test constants)

(1) Electric utilities must use electric meters or other such devices to accurately record or indicate the quantity of electricity sold to consumers. Such measuring devices will allow utilities to calculate a customer's consumption in units of kilowatt-hours or other units as filed in the company's tariffs, approved by the commission.

(2) Electric utilities that decide to either measure a customer's consumption with a device that employs a multiplier or calculate consumption from recording devices must provide customers, upon request, with information sufficient to enable the customer to compute the quantity consumed.

(3) Indirect reading meters and those that operate from instrument transformers must have the multiplier plainly marked on the dial of the instrument or otherwise suitably marked.

(4) ~~The watt-hour constant for the meter itself must be placed on all watt-hour meters (as specified in ANSI C12.1).~~

PACIFICORP COMMENTS:

(1) PacifiCorp questions the requirement for recorder underglass devices. Most recording meters now have built in recorders that are electronically downloaded to computers for analysis. These all have date and time stamps. We would like to discuss this issue further with Staff.

Comments:

(1) Staff proposes combining the following electric rules:

WAC 480-100-126 Meter reading

WAC 480-100-156 Multipliers and test constants

(2) Rule rewritten for clarity. Language adopted as suggested by stakeholders regarding units specified in tariff and specification of constants by ANSI C12.1.

Language deleted regarding charts based on input from companies that no such metering devices are still in use.

WAC 480-100-131 Meter identification

Electric utilities must identify each meter by a unique series of serial numbers, letters or combination of both, placed in a conspicuous position on the meter.

Comments:

Revisions made for language clarity. The requirement for companies to include its name or initials on the meter face was dropped following the last workshop. Staff agrees there is not a significant safety issue surrounding identification of electric meter ownership as there is with gas meters and the public's ability to readily identify the responsible utility.

WAC 480-100-136 Accuracy requirements for electric meters (combining WAC 480-100-136 Initial accuracy of meters, WAC 480-100-141 Accuracy of watt-hour meters, and WAC 480-100-146 Accuracy of demand meters)

(1) Initial accuracy

- (a) All meters must be in good order and adjusted to register as nearly correct as practicable prior to being put into service. All meters in service must be sealed by the use of a sealing device acceptable to the commission;
- (b) Before returning a meter to service, the electric utility must:
 - (i) Inspect the meter for correctness of register ratio and register constant;
 - (ii) Repair or replace all worn or damaged parts; and
 - (iii) If necessary, recalibrate the meter to measure accurately.

(2) Watt-hour meter accuracy

- (a) The requirements for watt-hour meters used for measuring electrical quantities supplied include, but are not limited to:
 - (i) All meters must be of proper design for the circuit on which they are used, be in good mechanical and/or electronic condition, have adequate insulation, correct internal connections, and correct register;
 - (ii) ~~Mechanical meters must not creep at "no load" more than one full revolution of the disk in five minutes when:~~
 - (A) The load wires are disconnected and potential is impressed or
 - (B) In a shop test where the load wires are disconnected and the permissible voltage variation is impressed;
- ~~(b) All meters must be capable of registering no more than plus or minus 2.0 percent error when subject to a test current ranging between five and ten percent of the meter's rating, at the meter's rated voltage, and at unity power factor;~~
- ~~(c) All meters must be capable of registering no more than plus or minus 2.0 percent error when subject to a test current ranging between seventy-five and one hundred~~

~~fifty percent of the meter's rating, at the meter's rated voltage, and at unity power factor;~~

- ~~— (d) All meters must be capable of registering no more than plus or minus 3.0 percent error when subject to approximately one hundred percent rated test current, at the meter's rated voltage, and at a fifty percent lagging power factor;~~
- ~~— (e) All polyphase meters must have the elements in balance within 2.0 percent when subject to approximately one hundred percent rated test load at both unity and fifty percent lagging power factor;~~
- ~~— (f) All meters used with instrument transformers must be adjusted so that the over-all accuracy of the metering installation will meet the requirements of this section;~~
- ~~— (g) Adjustment for such errors is not necessary when instrument transformers with the following accuracy characteristics are used:~~
 - ~~— (i) Instrument current transformers: The combined effect of ratio error and phase angle on the accuracy of the meter at any load power factor from sixty percent lagging to unity does not exceed 0.6 percent at ten percent rated current, or 0.3 percent at approximately one hundred percent rated current;~~
 - ~~— (ii) Instrument potential transformers: The combined effect of ratio error and phase angle on the accuracy of the meter from ninety percent rated voltage to one hundred ten percent rated voltage, at any load power factor from sixty percent lagging to unity, does not exceed 0.3 percent;~~

~~(3) Demand meter accuracy~~

- ~~— (a) The requirements for demand meters, demand registers, or demand attachments used to measure a customer's service include, but are not limited to:~~
 - ~~— (i) The device must be in good mechanical and electrical condition;~~
 - ~~— (ii) The device must have the proper multiplier, indicating scale, resetting apparatus, and contact device if used;~~
 - ~~— (iii) the device must not register at no load;~~
- ~~— (b) The device must achieve the following accuracies:~~
 - ~~— (i) Curve-drawing meters that record quantity-time curves, and integrated-demand meters must be accurate to within plus or minus 2.0 percent of full scale throughout their working range;~~
 - ~~— (ii) Timing elements measuring specific demand intervals must be accurate to within plus or minus 2.0 percent and the timing element that provides the time of day record of when the demand occurs must be accurate to within plus or minus four minutes in twenty-four hours;~~
 - ~~— (iii) Lagged-demand meters must be accurate to within plus or minus 4.0 percent of final indication;~~

~~(e) Mechanical and lagged demand meters must be tested at load points above fifty percent of full scale as specified in ANSI-C12.1.~~

PACIFICORP COMMENTS:

PacifiCorp believes the proposed rule contains too much detailed information with the potential to become outdated rather quickly. Instead of all of this detailed information a reference to ANSI C12.1, which provides national consensus standards, should be provided.

Comments:

Staff proposes combining the following electric rules:

WAC 480-100-136 Initial accuracy of meters

WAC 480-100-141 Accuracy of watthour meters

WAC 480-100-146 Accuracy of demand meters

This new rule was rewritten for clarity and includes suggestions from stakeholders.

WAC 480-100-176 Statement of meter test procedures

Electric utilities must include in their tariffs a statement describing their practice under these rules covering:

(1) A description of methods used and frequency of tests for determining electric meter accuracy. The description must include, but is not limited to:

- (a) Test group detail and selection procedures;
- (b) Performance standard details for meters that exceed the maximum allowable tolerance for slow as well as fast meters;
- (c) The corrective action and time period that will be implemented; and
- (d) Reference to an industry standard such as ANSI C12.1 or ANSI/[isrt]ASQC-Z1.9 that will establish acceptable criteria for numerical analysis.

(2) A description of meter testing equipment, including methods employed to ascertain and maintain accuracy of all testing equipment.

(3) The name of the testing laboratory making meter tests if electric utilities do not maintain meter testing equipment.

(4) The testing and adjustment program used for meters prior to installation and periodically after installation, if applicable.

If an electric utility changes any portion of its meter test procedures after they have been approved by the commission, the utility must submit a revised tariff.

Comments:

(1) Rule rewritten for clarity.

(2) Subsection (2) language revised to reflect original rule language which was more understandable.

WAC 480-100-181 Meter history records

(1) Electric utilities must keep records showing the history of each meter purchased and installed. Such records must be maintained for the life of the meter plus three months. The form of such records are subject to approval of the commission and must contain the following information at a minimum:

- (a) The approximate date of purchase;
- (b) The manufacturer's name and meter number or the utility's own unique meter identification number;
- (c) The place(s) of installation; and
- (d) The readings at the time of each installation and each removal.

(2) The records must also include the date of all tests made on the meter, together with data recorded and computations made in order to determine its accuracy. If a test is a complaint test, the records must also include the complainant's name and the meter's calculated accuracy before and after the test.

Comments:

Rule revised for clarity only. Subsection (1)(b) was revised to recognize that only one unique number (either the manufacturer's or the utility's) is required to track an individual meter. .

Comments: Staff suggests deferring development of a net metering rule at this time because the State Legislature is considering amendments or revisions to the authorizing statute (RCW 80.60) during the current session.

V. Safety and Standards Rules

WAC 480-100-151 Instrument Transformers

(1) Instrument transformers used in conjunction with metering equipment to measure customers' service must:

- (a) Be in proper mechanical condition and have electrical insulation satisfactory for the service on which they are used; and
- (b) Have characteristics such that the combined inaccuracies of all transformers supplying one or more meters in a given installation will not exceed the following:

100 % Power Factor		50% Power Factor	
10% Current	100% Current	10% Current	100% Current
1.5% error	0.75% error	3.0% error	2.0% error

(2) Meters used in conjunction with instrument transformers must be adjusted so that the overall accuracies will meet the requirements specified in WAC 480-100-136 Accuracy requirements for electric meters.

- (a) Instrument transformers may be tested with the meter with which they are associated, or separately. Except as provided in these rules, if the transformers are tested separately, the meters must also be tested to assure that the overall installation meets the prescribed accuracy requirements;
- (b) Instrument transformer test results must be kept on record and available for use when transformers are installed;

(3) Phase shifting transformers must have secondary voltages that are within plus or minus one percent of the voltage impressed on primary terminals, when tested under balanced line voltage conditions.

Comments:

Rule rewritten for clarity.

WAC 480-100-161 Portable indicating instruments and Reference standards and Standardizing Equipment (combining: WAC 480-100-161 Portable indicating instruments and WAC 480-100-201 Accuracy of test standards):

Electric utilities shall maintain a basic watt-hour reference standard that is calibrated annually with National Institute of Standards Technology (NIST) or oan approved testing laboratory traceable to NIST.

Electric utility reference standards shall comply with the most current version of ANSI C12.1.

Each electric utility must install and maintain accurate and reliable customer metering systems which are in compliance with NIST standards of measurement.

Each electric utility shall have written policies and practices to ensure the accuracy, proper installation, safety, maintenance and security of its customer metering devices and systems.

Each electric utility shall report changes in metering policies and practices annually to the Commission.

Each electric utility shall address reference standards certification procedures and frequency in their metering policy.

Each electric utility shall provide annual certification of its analog voltmeters used to verify accuracy of field measuring instruments.

(1) Electric utilities must maintain all portable indicating electrical instruments used to determine quality of electrical service, such as volt-meters, ammeters, and watt-meters, and all fixed-location meter testing equipment in use in reasonable working order and, if in question, must check it against suitable reference standards. If suitable reference standards are not available within the utility, the utility must check its portable instruments at a standardizing laboratory meeting specifications recommended by the meter manufacturer. The electric utility must annually certify as accurate the reference standards the utility maintains and may not use them in the field as working instruments.

(2) Electric utilities must adjust portable analog indicating instruments that are found appreciably in error at zero. If a portable analog indicating instrument is in error by more than one percent at commonly used scale deflections, the electric utility must adjust it, unless the instrument is accompanied by a calibration card.

(3) Electric utilities must keep history and calibration records for each portable and fixed-location instrument and any reference standard as long as they are in service.

Comments:

Rewritten for clarity. This rule is a combination of:

WAC 480-100-161 Portable indicating instruments and

WAC 480-100-201 Accuracy of test standards

Staff revised subsection (2) of this rule to reflect the fact it relates to analog instruments, based on industry comments. Staff also adopted the suggestion of requiring testing on an annual rather than semi-annual basis.

WAC 480-100-186 Standard Frequency

Each electric utility supplying alternating current must design and maintain its distribution system for a standard operating frequency of sixty cycles per second under normal operating conditions.

Comments:

This rule was revised to reflect the fact that North American electric utilities have adopted sixty cycles per second as the standard frequency. The previous draft's reference to the Western Systems Coordinating Council was dropped based on the recognition that the Commission cannot delegate its authority to establish rules and standards.

WAC 480-100-191 Standard Voltage and Permissible Variation

(1) Voltage means the voltage existing with loads operating under stable conditions. Each electric utility must adopt standard voltages for its different classes of standard voltage service and file these standards with the commission in the form of tariffs.

(2) Electric utilities are required to maintain the voltage on their distribution system reasonably constant and any allowed variation must be a gradual change in voltage as a result of normal changes in load.

The voltage on each primary distribution feeder must be maintained as follows: voltage variations may not be more than five percent above or below the standard voltage adopted, and the total voltage variation from minimum to maximum value may not exceed eight percent of the standard voltage.

A utility may allow greater voltage variation than that specified in this rule in case of emergency service or when service is supplied directly from a transmission line. A utility may also permit greater voltage variations in an area where the revenues received do not justify close voltage regulation. In such cases, electric utilities are required to provide the best voltage regulation that is economically and technically practicable under the circumstances.

(3) Voltage variations in excess of those specified, caused by the action of the elements, by infrequent and unavoidable fluctuations of short duration due to system operation, or by the operation of power apparatus on the customer's premises which necessarily requires large starting currents and only affects the user of such apparatus, will not be considered a violation of this rule.

(4) Customers must control and operate the equipment on their premises in such a way that its starting and operating characteristics will not cause an instantaneous voltage drop of more than four percent of the standard voltage as measured at the point of interconnection with the electric utility. Likewise, customers must control and operate their equipment in such a way that it does not cause damage or interfere with the normal operation of the electric utility's facilities nor of the facilities or equipment of another customer. Utilities are not required to monitor customers' equipment and its interactions with third party or utility equipment on an on-going basis.

Comments:

The rule was rewritten for clarity. Staff added the final sentence to subsection (4) to

clarify that utilities are not required to continuously monitor the actions or installations of its customers. Staff believes the rule applies to customers as well as utilities.

WAC 480-100-206 Reports of accidents

Each electric utility must notify the commission no later than the second business day following discovery of any accident that results in death or serious injury to any person occurring in its plant or through electrical contact with its facilities. Utilities may initially notify the commission orally or through electronic mail of such accidents. Utilities must submit a follow-up written report to the commission within fifteen business days of initial notification that includes at a minimum:

- (1) the name and address of the person or persons injured;
- (2) the time and place of the accident;
- (3) whether the accident resulted in a fatality;
- (4) a brief description of how the accident occurred; and
- (5) a brief description of any necessary medical treatment that was provided.

Comments:

The rule was revised for clarity and to reflect existing practice by the utilities. The interval between initial discovery of the incident and first reporting to the Commission was increased from one to two business days based on stakeholder comments. Clarification was made that reporting is required for electrical contacts only.

Comments: *Staff is withdrawing its suggestion to establish a new rule related to safety. Staff is currently involved in a rule making regarding electrical distribution system reliability in Docket No. UE-991168. Staff believes that it may be more appropriate to discuss safety issues in the context of that docket rather than this one.*