OFFICE OF THE SECRETARY OF STATE DENNIS RICHARDSON SECRETARY OF STATE

LESLIE CUMMINGS DEPUTY SECRETARY OF STATE

NOTICE OF PROPOSED RULEMAKING INCLUDING STATEMENT OF NEED & FISCAL IMPACT

CHAPTER 860 PUBLIC UTILITY COMMISSION

FILING CAPTION: Rulemaking Regarding Power Purchases by Public Utilities from Small Qualifying Facilities

LAST DAY AND TIME TO OFFER COMMENT TO AGENCY: 09/05/2018 5:00 PM

The Agency requests public comment on whether other options should be considered for achieving the rule's substantive goals while reducing negative economic impact of the rule on business.

CONTACT: Diane Davis 503-378-4372 diane.davis@state.or.us PO Box 1088 Salem,OR 97308 Filed By: Diane Davis Rules Coordinator

HEARING(S)

Auxilary aids for persons with disabilities are available upon advance request. Notify the contact listed above.

DATE: 08/23/2018 TIME: 1:00 PM OFFICER: Nolan Moser ADDRESS: Public Utility Commission Hearing Room 201 High Street SE Salem, OR 97302

NEED FOR THE RULE(S):

These rule changes are needed to codify in rule Commission policy decisions regarding public utility power purchases from small qualifying facilities.

The Commission encourages participants to file written comments as early as practicable in the proceedings so that other participants have the opportunity to consider and respond to the comments before the deadline. Please reference Docket No. AR 593 on comments and attach them to an e-mail to the Commission's Filing Center at PUC.FilingCenter@state.or.us.

Interested persons may review all filings online at https://apps.puc.state.or.us/edockets/docket.asp?DocketID=19822. For guidelines on filing and participation, please see OAR 860-001-0140 through 860-001-0160 and 860-001-0200 through 860-001-0250 found online at

https://secure.sos.state.or.us/oard/displayDivisionRules.action?selectedDivision=4027.

Participants wishing to monitor the hearing by telephone must contact Diane Davis at diane.davis@state.or.us or (503)

ARCHIVES DIVISION MARY BETH HERKERT DIRECTOR

> 800 SUMMER STREET NE SALEM, OR 97310 503-373-0701

> > FILED 07/26/2018 12:41 PM ARCHIVES DIVISION SECRETARY OF STATE

ORE GON

378-4372 by close of business August 22, 2018, to request a dial -in number. The Commission strongly encourages those planning to present oral comment at the hearing to attend in person.

DOCUMENTS RELIED UPON, AND WHERE THEY ARE AVAILABLE:

Public Utilities Regulatory Policies Act of 1978 (PURPA) found online at https://www.law.cornell.edu/uscode/text/16/chapter-46 ORS 469A.052 found online at https://www.oregonlegislature.gov/bills_laws/ors/ors756.html ORS 756 found online at https://www.oregonlegislature.gov/bills_laws/ors/ors756.html ORS 758 found online at https://www.oregonlegislature.gov/bills_laws/ors/ors758.html PUC Order No. 05-584 found online at https://apps.puc.state.or.us/orders/2005ords/05-584.pdf PUC Order No. 07-360 found online at https://apps.puc.state.or.us/orders/2007ords/07-360.pdf PUC Order No. 11-505 found online at https://apps.puc.state.or.us/orders/2011ords/11-505.pdf PUC Order No. 14-058 found online at https://apps.puc.state.or.us/orders/2014ords/14-058.pdf PUC Order No. 15-130 found online at https://apps.puc.state.or.us/orders/2015ords/15-130.pdf PUC Order No. 15-292 found online at https://apps.puc.state.or.us/orders/2015ords/15-292.pdf PUC Order No. 17-075 found online at https://apps.puc.state.or.us/orders/2017ords/17-075.pdf

FISCAL AND ECONOMIC IMPACT:

The proposed rules are not anticipated to have a substantial fiscal or economic impact as the changes to the rules codify existing policies and determinations of the Commission and eliminate provisions inconsistent with federal law from the rules. The proposed changes to the rules are not anticipated to create any new benefits or costs to those subject to the rules.

COST OF COMPLIANCE:

(1) Identify any state agencies, units of local government, and members of the public likely to be economically affected by the rule(s). (2) Effect on Small Businesses: (a) Estimate the number and type of small businesses subject to the rule(s); (b) Describe the expected reporting, recordkeeping and administrative activities and cost required to comply with the rule(s); (c) Estimate the cost of professional services, equipment supplies, labor and increased administration required to comply with the rule(s).

(1) The proposed rules codify existing policies and determinations of the Commission set forth in previous orders or eliminate provisions that are not consistent with federal law and therefore not enforceable. As such, the adoption of the rules does not have an economic impact on any units of government, units of local government or members of the public.

(2) There is no material effect on small businesses from the proposed rules because they will codify existing policies or previously made determinations by the Commission and will not create new requirements or benefits that do not already exist.

(a) Number of small businesses: It is not possible to ascertain the number of small businesses that are affected. Qualifying facilities that enter into contracts under these rules may be small businesses. However, the number of qualifying facilities that may choose to enter into contracts is unknown.

(b) It may be slightly easier for small businesses to ascertain the Commission's policies once they are in rule. Currently the policies are found in Commission orders. Both the rules and orders are accessible on public websites. However, the

rules are organized by subject and the orders are less easily searched by subject.

(c) There should be no additional cost imposed on small businesses to comply with the proposed rules because the rules codify existing policies.

DESCRIBE HOW SMALL BUSINESSES WERE INVOLVED IN THE DEVELOPMENT OF THESE RULE(S):

PUC Staff held a workshop and solicited comments from stakeholders on its proposed draft rules. Stakeholders included representatives of small qualifying facilities, some of which are small businesses.

WAS AN ADMINISTRATIVE RULE ADVISORY COMMITTEE CONSULTED? NO IF NOT, WHY NOT?

PUC Staff solicited comments from stakeholders on its draft proposed rules.

RULES PROPOSED:

860-029-0005, 860-029-0010, 860-029-0020, 860-029-0030, 860-029-0040, 860-029-0043, 860-029-0046, 860-029-0050, 860-029-0060, 860-029-0070, 860-029-0080, 860-029-0085, 860-029-0090, 860-029-0100, 860-029-0120, 860-029-0130

AMEND: 860-029-0005

RULE SUMMARY: The proposed changes to this rule clarify that the Division 029 rules apply to purchase and sale arrangements as well as interconnection arrangements. Also, "will" is substituted for "shall."

CHANGES TO RULE:

860-029-0005

Applicability of Rules ¶

(1) Except as otherwise provided, these rules shawill apply to all interconnection, <u>purchase</u>, and sale arrangements between a "public utility" as defined by ORS 758.505 and facilities which<u>that</u> are qualifying facilities as defined herein. Provisions of these rules shawill not supersede contracts existing before the effective date of this rule. At the expiration of such an existing contract between a public utility and a cogenerator or small power producer, any contract extension or new contract shawill comply with these rules.¶

(2) Nothing in these rules limits the authority of a public utility or a qualifying facility to agree to a rate, terms, or conditions relating to any purchase, which differ from the rate or terms or conditions which that would otherwise be provided by these rules, provided such rate, terms, or conditions do not burden the public utility's customers. (3) Within 30 days following the initial contact between a prospective qualifying facility and a public utility, the public utility shall submit informational documents, approved by the Commission, to the qualifying facility which state: ¶

(a) The public utility's internal procedural requirements and information needs;¶

(b) Any contract offered by the public utility is subject to negotiation; \P

(c) Avoided costs are subject to change pursuant to OAR 860-029-0080(3); and \P

(d) That the avoided costs actually paid to a qualifying facility will depend on the quality and quantity of power to be delivered to the public utility. The avoided costs may be recalculated to reflect stream flows, generating unit availability, loads, seasons, or other conditions.¶

(4) Upon request or its own motion, the Commission may waive any of the Division 29 rules for good cause shown. A request for waiver must be made in writing, unless otherwise allowed by the Commission.

Statutory/Other Authority: ORS 183, 756, 757, 758

RULE SUMMARY: The proposed changes to this rule include changing the title of the rule to more accurately reflect the scope; modifying the definition of avoided costs to remove inclusion of "interconnection costs" to be consistent with federal definition, adding a definition of "commercial operation date" to clarify the distinction between the dates when a qualifying facility is scheduled to begin operations and the date it does begin operations, adding a definition of "effective date" to clarify when the term of contract (but not the date on which fixed payments) begin, adding a definition of "fixed rate term" to clarify that a term of contract during which fixed prices are paid exists, adding definition for "purchase term" to clarify the term of purchase starts when qualifying facility begins selling its output to the public utility (rather than on effective date of contract), adding definition for "renewable portfolio standard" to include pertinent information from statute, adding definition of "RPS attributes" to include pertinent information, and adding definition for " scheduled commercial operation date" to clarify distinction between the dates when a qualifying facility is scheduled to begin operations and the date it does begin operations. Rules are also renumbered to accommodate new definitions.

CHANGES TO RULE:

860-029-0010

Definitions for Electric Interconnection Division 029 Rules ¶

(1) "Avoided costs" means the electric utility's incremental costs of electric energy or capacity or both which, but for the purchase from the qualifying facility or qualifying facilities, the electric utility would generate itself or purchase from another source and shall include any costs of interconnection of such resource to the system.
(2) "Back-up power" and "stand-by power" mean electric energy or capacity supplied by a public utility to replace energy ordinarily generated by a qualifying facility's own generation equipment during an unscheduled outage of the facility.

(3) "Capacity" means the average output in kilowatts (kW) committed by a qualifying facility to an electric utility during a specific period.¶

(4) "Capacity costs" mean the costs associated with supplying capacity; they are an allocated component of the fixed costs associated with providing the capability to deliver energy. \P

(5) "Cogeneration" means the sequential generation of electric energy and useful heat from the same primary energy source or fuel for industrial, commercial, heating, or cooling purposes.¶

(6) "Cogeneration facility" means a facility which that produces electric energy and steam or other forms of useful energy (such as heat) by cogeneration which that are used for industrial, commercial, heating, or cooling purposes. Such a facility must be at least 50 percent owned by a person who is not an electric utility, an electric holding company, an affiliated interest, or any combination thereof.¶

(7) "Commercial operation date" means the date after start-up testing is complete and the qualifying facility is fully operational and capable of delivering output.¶

(8) "Commission" means the Public Utility Commission of Oregon.

(89) "Costs of interconnection" means the reasonable costs of connection, switching, dispatching, metering, transmission, distribution, equipment necessary for system protection, safety provisions, and administrative costs incurred by an electric utility directly related to installing and maintaining the physical facilities necessary to permit purchases from a qualifying facility.¶

(910) "Demand" means the average rate in kilowatts at which electric energy is delivered during a set period, to be determined by mutual agreement between the electric utility and the customer.¶

(10<u>1) "Effective date" means the date on which a power purchase agreement is executed by both the qualifying facility and public utility.</u>

(12) "Electric utility" means a nonregulated utility or a public utility as defined in ORS 758.505.¶

(11-3) "Energy" means electric energy, measured in kilowatt--hours (kWh).¶

(124) "Energy costs" means:¶

(a) For nonfirm energy, the incremental costs associated with the production or purchase of electric energy by the electric utility, which include the cost of fuel and variable operation and maintenance expenses, or the cost of purchased energy;¶

(b) For firm energy, the combined allocated fixed costs and associated variable costs applicable to a displaced generating unit or to a purchase.¶

(135) "Firm energy" means a specified quantity of energy committed by a qualifying facility to an electric utility.¶ (146) "Fixed rate term" means for qualifying facilities electing to sell firm energy or firm capacity or both, the period of a power purchase agreement during which the public utility pays the qualifying facility avoided cost rates determined either at the time of contracting or at the time of delivery.¶

(<u>17</u>) "Index rate" means the lowest avoided cost approved by the Commission for a generating utility for the purchase of energy or energy and capacity of similar characteristics including on-line date, duration of obligation, and quality and degree of reliability.¶

(158) "Interruptible power" means electric energy or capacity supplied by a public utility to a qualifying facility subject to interruption by the electric utility under certain specified conditions.

(169) "Maintenance power" means electric energy or capacity supplied by a public utility during scheduled outages of a qualifying facility.¶

(20) "Nonfirm energy" means:¶

(a) Energy to be delivered by a qualifying facility to an electric utility on an "as available" basis; or ¶

(b) Energy delivered by a qualifying facility in excess of its firm energy commitment. \P

NOTE: The rate for nonfirm energy may contain an element representing the value of aggregate capacity of nonfirm sources.¶

(<u>2</u>17) "Maintenance power" means electric energy or capacity supplied by a public utility during scheduled outages of a qualifying facility.¶

(18) "Nonregulated utility" means an entity providing retail electric utility service to Oregon customers that is a people's utility district organized under ORS Chapter 261, a municipal utility operating under ORS Chapter 225, or an electric cooperative organized under ORS Chapter 62.¶

(1922) "Primary energy source" means the fuel or fuels used for the generation of electric energy. The term does not include minimum amounts of fuel required for ignition, start-up, testing, flame stabilization, and control uses; the term does not include minimum amounts of fuel required to alleviate or prevent unanticipated equipment outages and emergencies which directly affect the public health, safety, or welfare.¶

(203) "Purchase" means the purchase of electric energy or capacity or both from a qualifying facility by an electric utility.

(214) "Public utility" means a utility regulated by the Commission under ORS Chapter 757, that provides electric power to customers.¶

(225) "Purchase term" means the period of a power purchase agreement during which the qualifying facility is selling its output to the public utility.¶

(26) "Qualifying facility" means a cogeneration facility or a small power production facility as defined by these rules.¶

(2<u>37</u>) "Rate" means any price, charge, or classification made, demanded, observed, or received with respect to the sale or purchase of electric energy or capacity or any rule, regulation, or practice respecting any such price, charge, or classification.¶

(24) "Sale" means the sale of electric energy or capacity or both by a public utility to a qualifying facility.¶ (258) "Renewable Portfolio Standard" is the standard for large electric utilities in ORS 469A.052(1) or the standard for small electric utilities in ORS 469A.055 in effect as of June 22, 2017.¶

(29) "RPS Attributes" means all attributes related to the Net Output generated by the qualifying facility that are required to provide the public utility with "qualifying electricity" as that term is defined in Oregon's Renewable Portfolio Standard Act, ORS 469A.010, in effect as of June 22, 2017. RPS Attributes do not include Environmental Attributes that are greenhouse gas offsets from methane capture not associated with the generation of electricity.¶

(30) "Sale" means the sale of electric energy or capacity or both by a public utility to a qualifying facility.¶ (31) "Scheduled commercial operation date" means the date selected by the qualifying facility on which the qualifying facility intends to be fully operational and reliable and able to commence the sale of energy or energy and capacity to the public utility.¶

(32) "Small power production facility" means a facility which produces electric energy using as a primary energy source biomass, waste, solar energy, wind power, water power, geothermal energy, or any combination thereof. Such facility must be at least 50 percent owned by a person who is not an electric utility, an electric utility holding company, an affiliated interest, or any combination thereof. Only small power production facilities which, with any other facilities located at the same site, have power production capacities of 80 megawatts or less, are covered by these rules.¶

(2633) "Supplementary power" means electric energy or capacity supplied by a public utility, regularly used by a qualifying facility in addition to that which the facility generates itself.¶

(2734) "System emergency" means a condition on a public utility's system which is likely to result in imminent, significant disruption of service to customers, in imminent danger of life or property, or both.¶

(28<u>35</u>) "Time of delivery" means:¶

(a) In the case of capacity, when the generation is first on line and capable of meeting the capacity commitment of the qualifying facility to the electric utility under the terms of its contract or other legally enforceable obligation.
 (b) In the case of firm energy and depending upon the contract between the parties, either:

(A) When the first kilowatt-hour of energy is able to be delivered under the commitment of the qualifying facility; or¶

(B) When each kilowatt-hour is delivered under the commitment of the qualifying facility. \P

(2936) "Time the obligation to purchase the energy capacity or energy and capacity is incurred" means the earlier of:

(a) The date on which a binding, written obligation is entered into between a qualifying facility and a public utility to deliver energy, capacity, or energy and capacity; or¶

(b) The date agreed to, in writing, by the qualifying facility and the electric utility as the date the obligation is incurred for the purposes of calculating the applicable rate.

Statutory/Other Authority: ORS 183, 756, 757, 758

RULE SUMMARY: The proposed changes to this rule remove provisions addressing obligations of utilities rather than obligations of the qualifying facilities. The removed provision will be added to the rule about utilities' obligations.

CHANGES TO RULE:

860-029-0020

Obligations of Qualifying Facilities to the Electric Utility \P

The conditions listed in this rule <u>shawi</u>ll apply to all qualifying facilities that sell electricity to a public utility under this Division:¶

(1) The owner or operator of a qualifying facility purchasing or selling electricity pursuant to<u>under</u> these rules shall<u>must</u> execute a written agreement with the public utility. The public utility shall file a true copy or summary of the terms of the executed agreement with the Commission within 30 days of the execution of the agreement. If a summary is filed, the summary shall identify the quantity and quality of the power and the price being paid. A true copy of the executed contract shall be available upon request for Commission staff review.¶

(2) Contracts:¶

(a) All contracts between a qualifying facility and a public utility for energy, or energy and capacity shall include language which substantially conforms to the following:¶

, "This agreement is subject to the jurisdiction of those governmental agencies and courts having control over either party or this agreement. The public utility's compliance with the terms of this contract is conditioned on the qualifying facility submitting to the public utility and to the Public Utility Commission of Oregon, before the date of initial operation, certified copies of all local, state, and federal licenses, permits, and other approvals required by law."¶

(b) Under subsection (2)(a) of this rule, the public utility <u>shall</u> bears no obligation to identify which approvals are required by law, or to verify the approvals were properly obtained, or that the project is maintained pursuant to the terms of the approvals.¶

(3) To ensure system safety and reliability of interconnected operations, all interconnected qualifying facilities shall<u>must</u> be constructed and operated in accordance with all applicable federal, state, and local laws and regulations.¶

(4) The qualifying facility shall<u>must</u> furnish, install, operate, and maintain in good order and repair, and without cost to the public utility, switching equipment, relays, locks and seals, breakers, automatic synchronizers, and other control and protective apparatus as shown by the public utility to be reasonably necessary to operate the qualifying facility in parallel with the public utility's system, or may contract for the public utility to do so at the expense of the qualifying facility. Delivery shall<u>must</u> be at a voltage, phase, power factor, and frequency as specified by the public utility.¶

(5) Switching equipment capable of isolating the qualifying facility from the public utility's system $\frac{\text{shall} \text{must}}{\text{shall} \text{must}}$ be accessible to the public utility at all times.

(6) At its option, The qualifying facility must allow the public utility may choose to the option of operateing the switching equipment, described in section (4) of this rule if, in the sole opinion of the public utility, continued operation of the qualifying facility in connection with the public utility's system may create or contribute to a system emergency. Such a decision by the public utility is subject to the Commission's verification pursuant to <u>under</u> OAR 860-029-0070. The public utility shall<u>must</u> endeavor to minimize any adverse effects on the qualifying facility of the operation of the switching equipment.¶

(7) Any agreement between a qualifying facility and a public utility shall<u>must</u> provide for the degree to which the qualifying facility will assume responsibility for the safe operation of the interconnection facilities.¶

(8) At its option, the public utility may require a qualifying facility to report periodically the amount of deliveries and scheduled deliveries to the public utility, as shown to be reasonably necessary for the public utility's system operations and reporting.

Statutory/Other Authority: ORS 183, 756, 757, 758

RULE SUMMARY: The proposed changes to this rule include the addition of section (7) after its proposed removal from OAR 860-029-0020 and minor wordsmithing.

CHANGES TO RULE:

860-029-0030

Obligations of the Public Utility to Qualifying Facilities \P

(1) Obligations to purchase from qualifying facilities: Each public utility shall<u>must</u> purchase, in accordance with OAR 860-029-0040, any energy and capacity in excess of station service (power necessary to produce generation) and amounts attributable to conversion losses, which that is made available from a qualifying facility:¶

(a) Directly from a qualifying facility in its service territory; or \P

(b) Indirectly from a qualifying facility in accordance with section (4) of this rule.¶

(2) Obligation to sell to qualifying facilities: Each public utility shallmust sell to any qualifying facility, in accordance with OAR 860-029-0050, any energy and capacity requested by the qualifying facility on the same basis as available to other customers of the public utility in the same class who do not generate electricity.
(3) Obligation to interconnect: Each public utility shall make suchmust interconnections with any qualifying facility as may be necessary to accomplish purchases or sales under this division. The obligation to pay for any interconnection costs shawill be determined in accordance withunder OAR 860-029-0060.

(4) Option to wheel power to other electric utilities or to the Bonneville Power Administration: At the request of a qualifying facility, a public utility (which would otherwise be obliged to purchase energy or capacity from such qualifying facility) may transmit (wheel) energy or capacity to any other electric utility or to the Bonneville Power Administration, at the expense of the qualifying facility. Use of a public utility's transmission facilities shawill be on a cost-related basis.¶

(5) Parallel operation: Each public utility sha<u>wi</u>ll offer to operate in parallel with a qualifying facility, provided that the qualifying facility complies with the standards established in accordance with OAR 860-029-0020.¶

(6) When the generating portion of the qualifying facility consumes more electric energy than it produces, the public utility shall cease purchases. \P

(7) Within 30 days of the execution of any purchase agreement with a qualifying facility, the public utility will file with the Commission a true copy or summary of the terms of the executed agreement. If a summary is filed, the summary shall identify the quantity and quality of the power and the price being paid. A true copy of the executed contract shall be available upon request for Commission staff review.

Statutory/Other Authority: ORS 183, 756, 757, 758

RULE SUMMARY: The proposed rule changes include removing the exception for purchases under standard rates in section (3) because it is not an exception to select the nonstandard rate, removing the last sentence in subsection (4)(a) because a QF is allowed to choose standard rates and the application of standard rates is not mandatory; and minor wordsmithing changes.

CHANGES TO RULE:

860-029-0040 Rates for Purchases ¶

(1) Rates for purchases by public utilities shallmust:

(a) Be just and reasonable to the public utility's customers and in the public interest; and ¶

(b) Be in accordance with this rule, regardless of whether the public utility making such purchases is

simultaneously making sales to the qualifying facility. \P

(2) Establishing rates:¶

(a) Except for qualifying facilities in existence before November 8, 1978, and except when a public utility fails to make a good faith effort to comply with the request from a qualifying facility to wheel, a purchase rate satisfies the requirements of section (1) of this rule if the rate equals the avoided costs after consideration of the factors set forth in section (5) of this rule.¶

(b) If a public utility fails to make a good faith effort to comply with the request from a qualifying facility to wheel, the public utility shall<u>must</u> purchase at a rate which is the public utility's avoided cost or the index rate, whichever is higher. A good faith effort shawill be demonstrated by the public utility's publication of a generally applicable reasonable policy of the public utility to use the public utility's transmission facilities on a cost-related basis.¶ (c) When the purchase rates are based upon estimates of avoided costs over a specific term of the contract or other legally enforceable obligation, the rates do not violate these rules if any payment under the obligation differs from avoided costs.¶

(d) Nothing in these rules <u>shawill</u> be construed as requiring payment of avoided-cost prices to qualifying facilities in existence before November 1978, provided, however, that prices for such purchases <u>shawill</u> be sufficient to encourage continued power production.¶

(3) Rates for purchases - time of calculation: Except for the purchases made under section (4) of this rule (standard rates) each qualifying facility shall haves the option to:¶

(a) Provide nonfirm energy as the qualifying facility determines such energy to be available for such purchases, in which case the rates for such purchases shallmust be based on the purchasing public utility's nonfirm energy avoided cost or if subsection (2)(b) of this rule is applicable, in effect when the energy is delivered; or ¶
 (b) Provide firm energy and/or capacity pursuant to a legally enforceable obligation for the delivery of energy

and/or capacity over a specified term, in which case the rates for purchases $\frac{1}{2}$ shawill be based on:¶

(A) The avoided costs calculated at the time of delivery, or, if subsection (2)(b) of this rule is applicable, the index rate in effect at the time of delivery; or ¶

(B) At the election of the qualifying facility, exercised at the time the obligation is incurred, the avoided costs, or the index rate then in effect if subsection (2)(b) of this rule is applicable, projected over the life of the obligation and calculated at the time the obligation is incurred.¶

(4) Standard rates for purchases shall be implemented as follows:¶

(a) In the same manner as rates are published for electricity sales each public utility shall file with the Commission, within 30 days of Commission acknowledgement of its least-cost plan pursuant to Order No. 89-507<u>integrated</u> resource plan, standard rates for purchases from eligible qualifying facilities with a nameplate capacity of one megawatt or less, to become effective 30 days after filing. The publication shall contain all the terms and conditions of the purchase. Except when a public utility fails to make a good faith effort to comply with the request of a qualifying facility to wheel, the public utility's standard rate shall apply to purchases from qualifying facilities with a nameplate capacity of one megawatt or less.¶

(b) If a public utility fails to make a good faith effort to comply with the request from a qualifying facility to wheel, the public utility shall purchase at a rate which is the public utility's standard rate or the index standard rate, whichever is higher. A good faith effort shall be demonstrated by the public utility's publication of its generally accepted reasonable policy to use the public utility's transmission facilities on a cost-related basis.¶

(c) The public utility's standard rate may differentiate among qualifying facilities using various technologies on the basis of the supply characteristics of the different technologies.¶

(5) Factors affecting rates for purchases: In determining avoided costs and for determining the index rate the following factors shawill, to the extent practicable, be taken into account:¶

(a) The data provided pursuant to OAR 860-029-0080(3) and the Commission's evaluation of the data; and ¶ (b) The availability of energy or capacity from a qualifying facility during the system daily and seasonal peak periods, including:¶

(A) The ability of the public utility to dispatch output of the qualifying facility; \P

(B) The expected or demonstrated reliability of the qualifying facility; \P

(C) The terms of any contract or other legally enforceable obligation; \P

(D) The extent to which scheduled outages of the qualifying facility can be usefully coordinated with scheduled outages of the public utility's facilities;¶

(E) The usefulness of energy and/or capacity supplied from a qualifying facility during system emergencies, including its ability to separate its load from its generation;¶

(F) The individual and aggregate value of energy and capacity from qualifying facilities on the public utility's system; and \P

(G) The smaller capacity increments and the shorter lead times available, if any, with additions of capacity from qualifying facilities.¶

(c) The relationship of the availability of energy and/or capacity from the qualifying facility as derived in subsection (5)(b) of this rule, to the ability of the public utility to avoid costs, including the deferral of capacity additions and the reduction of fossil fuel use; and **¶**

(d) The costs or savings resulting from variations in line losses from those that would have existed in the absence of purchases from a qualifying facility if the purchasing public utility generated an equivalent amount of energy itself or purchased an equivalent amount of energy and/or capacity.

Statutory/Other Authority: ORS 183, 756, 757, 758

RULE SUMMARY: This proposed new rule includes information previously found in OAR 860-029-0040 regarding standard avoided costs, reflects the requirements that the public utility that is currently complying with a renewable portfolio standard must offer standard renewable avoided cost rated to eligible qualifying facilities, reflects the requirement found in Federal Energy Regulatory Commission rules that public utilities' standard avoided cost rates must differentiate between qualifying facilities of different resource types, and reflects the requirement for public utilities to update standard avoided cost rates for capacity contribution adjustments.

CHANGES TO RULE:

860-029-0043

Standard Rates for Purchase

(1) Each public utility will offer standard non-renewable avoided cost rates to eligible qualifying facilities.¶
 (2) Each public utility that is currently complying with a renewable portfolio standard will offer standard renewable avoided cost rates to eligible qualifying facilities.¶

(3) Unless the Commission adopts a higher threshold, all qualifying facilities with a nameplate capacity of 100 kW and less are eligible for standard avoided cost rates.¶

(4) Each public utility will file standard avoided cost rates that differentiate between qualifying facilities of different resource types by taking into account the contributions to meeting the utility's peak capacity of the different resource types.¶

(5) Each public utility will update its standard avoided costs in accordance with 860-029-0085. Statutory/Other Authority: ORS 183, 756, 757, 758

RULE SUMMARY: The new proposed rule codifies prior Commission decisions about public utilities being able to charge integration charges for solar and wind qualifying facilities located in the Balancing Authority Area of the public utility and about including such integration charges in the public utility's avoided cost schedules.

CHANGES TO RULE:

860-029-0046

Integration Charges

(1) Each public utility may assess Commission-approved integration charges on wind and solar qualifying facilities that are located within the public utility's Balancing Authority Area.¶

(2) The public utility will bear the burden to establish the proposed integration charge or charges reflecting the costs of integrating the type of resource that will be subject to the charges.¶

(3) To the extent they are to be imposed by the public utility, any integration charges will be included in the public utility's avoided cost schedules.

Statutory/Other Authority: ORS 183, 756, 757, 758

RULE SUMMARY: The proposed rule changes are not material, but are wordsmithing in nature for clarity.

CHANGES TO RULE:

860-029-0050 Rates for Sales ¶

(1) Rates for sales by public utilities shawill:

(a) Be just and reasonable and in the public interest; and \P

(b) Not discriminate against qualifying facilities. \P

(2) Rates for sales which that are based on accurate data and consistent, system-wide costing principles shawill be considered not to discriminate against any qualifying facility to the extent that such rates apply to the public utility's other customers with similar load or other cost-related characteristics.¶

(3) The following additional services shallmust be provided by a public utility to a qualifying facility at its request: **(a)** Supplementary power;

(b) Back-up power;¶

(c) Maintenance power; and ¶

(d) Interruptible power.¶

(4) When a waiver request is filed under OAR 860-029-0005(4), the Commission may waive any requirement of section (3) of this rule if, after notice in the area served by the public utility and after opportunity for public comment, the public utility demonstrates and the Commission finds that compliance with such requirement will:¶

(a) Impair the public utility's ability to render adequate service to its other customers; or \P

(b) Place an undue burden on the public utility. \P

(5) The rate for sale of back-up power or maintenance power: \P

(a) <u>ShallMay</u> not be based upon an assumption (unless supported by factual data) that forced outages or other reductions in electric output by all qualifying facilities on a public utility's system will occur simultaneously, during the system peak, or both; and **¶**

(b) <u>ShallMust</u> take into account the extent to which scheduled outages of the qualifying facilities can be coordinated usefully with the scheduled outages of the public utility's facilities.

Statutory/Other Authority: ORS 183, 756, 757, 758

RULE SUMMARY: The proposed changes to this rule are not material in nature, but are wordsmithing changes for clarity.

CHANGES TO RULE:

860-029-0060 Interconnection Costs ¶

(1) Obligation to pay: Any interconnection costs shall bare the responsibility of the owner or operator of the qualifying facility. Interconnection costs which that may reasonably be incurred by the public utility shawill be assessed against a qualifying facility on a nondiscriminatory basis with respect to other customers with similar load or other cost-related characteristics.¶

(2) Reimbursement of interconnection costs: The public utility shawill be reimbursed by the qualifying facility for any reasonable interconnection costs including costs of financing at an interest rate no greater than the effective rate of the public utility's last senior securities issuance at the time of the contract with the qualifying facility. Such reimbursement may be over any agreed period not greater than one-half the length of any contract between the public utility and the qualifying facility when the contract is for a period greater than two years; otherwise, reimbursement shawill be made over a one-year period. At the public utility's option and with the Commission's approval, a public utility may guarantee a loan to a qualifying facility for interconnection costs rather than finance such costs from the public utility's own funds.

Statutory/Other Authority: ORS 183, 756, 757, 758

RULE SUMMARY: The proposed changes to this rule are not material, but rather are wordsmithing changes to provide clarity.

CHANGES TO RULE:

860-029-0070 System Emergencies ¶

(1) Qualifying facility's obligation to provide power during system emergencies: A qualifying facility <u>ishall be</u> required to provide energy and capacity to a public utility during a system emergency only to the extent:¶

(a) Provided by agreement between such qualifying facility and public utility; or \P

(b) Ordered under section 202(c) of the Federal Power Act. \P

(2) During any system emergency, a public utility may curtail:

(a) Purchases from a qualifying facility if such purchases would contribute to such emergency (including net output requirement); and \P

(b) Sales to a qualifying facility, as qualified by section (3) of this rule, provided that such curtailment is on a nondiscriminatory basis.¶

(3) Except in cases of practical impossibility, sales to a qualifying facility which<u>that</u> is generating 50 percent or more of its load, shall<u>may</u> not be curtailed during a system emergency, or under mandatory curtailments established by Order No. 78-823, until all other customers in its class have been fully curtailed.¶

(4) A qualifying facility which that is unable to deliver power to a public utility owing to curtailment by the public utility shawill be relieved of any obligation to sell to the public utility during the curtailment period.

Statutory/Other Authority: ORS 183, 756, 757, 758

RULE SUMMARY: The proposed changes to this rule include removing unnecessary references, updating referenced to "least-cost plan" to "integrated resource plan," wordsmithing for clarity, moving standard rate suspension and review to OAR 860-029-0085, and adding a provision to codify prior decision that utilities must file annual avoided cost updates each May.

CHANGES TO RULE:

860-029-0080 Electric Utility System Cost Data ¶

(1) Each public utility shall<u>must</u> provide sufficient data concerning its avoided costs and costs of interconnection to allow the owner or operator of a qualifying facility to estimate, with reasonable accuracy, the payment it could receive from the utility if the qualifying facility went into operation under any of the purchase agreements provided for in these rules.¶

(2) By January 1 of each odd-numbered year, each nonregulated utility shall<u>must</u> prepare and file with the Commission a schedule of avoided costs equaling the nonregulated utility's forecasted incremental cost of resources over at least the next 20 years.¶

(3) Each public utility shall<u>must</u> file with the Commission draft avoided-cost information with its least-cost plan pursuant to Order No. 89-507at the time it files its integrated resource plan and file final avoided-cost information within 30 days of <u>a</u> Commission <u>decision regarding</u> acknowledgment of the <u>least-cost</u><u>integrated</u> <u>resource</u> plan to be effective 30 days after filing. The information submitted <u>shawi</u>ll be maintained for public inspection and include the following data for calculating avoided costs:¶

(a) The estimated avoided costs on its system, solely with respect to the energy component, for expected levels of purchases from qualifying facilities. The levels of purchases shawill be stated in blocks of not more than 100 megawatts for systems with peak demand of 1,000 megawatts or more and in blocks equivalent to not more than 10 percent of the system peak demand for systems of less than 1,000 megawatts. The avoided costs shawill be stated on a cents-per-kWh basis, during peak and off-peak periods, by year, for the current calendar year and each of the next five years; and¶

(b) The public utility's estimated capacity costs at completion of the planned capacity additions and planned capacity firm purchases, on the basis of dollars per kW, and the associated energy costs of each addition or purchase, expressed in cents per kWh. These costs shawill be expressed in terms of individual generating resources and of individual, planned firm purchases.¶

(4) Each public utility contracting to purchase nonfirm energy from a qualifying facility under OAR 860-029-

0040(3)(a) shallmust file with the Commission each quarter its nonfirm energy avoided cost.

(5) Nothing in these rules shall preclude the determination of avoided costs: \P

(a) As the average avoided costs over an appropriate period of time; or \P

(b) To reflect variations in avoided costs due to changes in stream flows, generating unit availability, loads, seasons, or other conditions. \P

(6) State review: Any data submitted by a public utility under this rule shall be subject to review and approval by the Commission. In any such review, the public utility has the burden of supporting and justifying its data. Any standard rates filed under OAR 860-029-0040 shall be subject to suspension and modification by the Commission \mathbb{I}

(7) On May 1 of each year, a public utility must file with the Commission updates to the avoided cost information filed under section (2) of this rule to be effective within 60 days of filing to reflect:

(a) Updated natural gas prices;¶

(b) On- and off-peak forward-looking electricity market prices; \P

(c) Changes to the status of Production Tax Credit; and ¶

(d) Any other action or change including changes to the capital costs of a proxy resource in an acknowledged IRP update that is relevant to the calculation of avoided costs.¶

(78) A public utility may propose or the Commission may require a public utility to file the data described in OAR 860-029-0080(3) <u>anytime</u> during the two-year period between filing least-cost plans pursuant to Order No. 89-507 integrated resource plans to reflect significant changes in circumstances, such as the acquisition of a major block of resources or the completion of a competitive bid. Such a revision will become effective 90 days after filing.¶

(89) At least every two years, the public utility must file with the Commission the data described in OAR 860-029-0040(4) and 860-029-0080(3).

Statutory/Other Authority: ORS 183, 756, 757, 758

RULE SUMMARY: This new proposed rule requires utilities to file standard avoided cost rates within 30 days of Commission decision on acknowledgment of integrated resource plan, clarifies when a renewable avoided cost rate is required, specifies time for review of final avoided cost rates and that such rates are subject to suspension and modification, requires utilities to file on May 1 of each year updates to standard avoided cost rates and specifies that the updates are subject to Commission review and approval and effective within 60 days of filing, and clarifies that out-ofcycle updates to avoided costs may be considered when there is a significant change in circumstances, with such updates effective 90 days after filing.

CHANGES TO RULE:

860-029-0085

Requirements for Standard Avoided Cost Rates

(1) Each public utility must file with the Commission standard avoided cost rates within 30 days of a Commission decision regarding acknowledgment of the public utility's integrated resource plan.

(2) Each public utility currently subject to Oregon's Renewable Portfolio Standard must file both "renewable" and "non-renewable" standard avoided cost rates.

(3) The standard avoided cost rates filed by a public utility under sections (1) and (2) of this rule are subject to review and approval as well as modification by the Commission. The Commission may suspend the standard avoided cost rates during review. In any such review, the public utility has the burden of supporting and justifying its standard avoided cost rates. The standard avoided cost rates will be effective 30 days after filing unless suspended by the Commission.¶

(4)(a) On May 1 of each year, a public utility must file with the Commission updates to its standard avoided cost rates under sections (1) and (2) of this rule to reflect:

(A) Updated natural gas prices;¶

(B) On- and off-peak forward-looking electricity market prices;¶

(C) Changes to the status of Production Tax Credit; and ¶

(D) Any other actions or changes that are acknowledged by the Commission upon review of an IRP Update and that are relevant to the calculation of avoided costs.¶

(b) Updates filed under this subsection are subject to review and approval by the Commission as described in section (3) of this rule. Standard avoided costs rates filed under this subsection will be effective within 60 days of filing.¶

(5)(a) Upon request or its own motion, the Commission may consider updates to avoided cost rates to reflect significant changes in circumstances such as the acquisition of a major block of resources or the completion of a competitive bid process.¶

(b) An update under this subsection may be considered at any time.¶

(c) Updates to avoided cost rates under this rule are subject to review and approval by the Commission and will become effective 90 days after filing.

Statutory/Other Authority: ORS 183, 756, 757, 758

REPEAL: 860-029-0090

RULE SUMMARY: This rule is proposed to be repealed because the Federal Regulatory Energy Commission and the courts have made clear that states have no authority to impose any additional criteria for qualifying as a qualifying facility.

CHANGES TO RULE:

860-029-0090

Qualifying Cogeneration and Small Power Production Facilities

18 Code of Federal Regulations (CFR), Part 292, Subpart B, in effect on April 1, 1983, is adopted and prescribed by the Commission as minimum criteria that a cogeneration facility or small power production facility must meet to qualify as a qualifying facility.¶

[Publications: Publications referenced are available from the Agency.]

Statutory/Other Authority: ORS 183, 756, 757, 758

RULE SUMMARY: The proposed rule changes the threshold for the dispute resolution process from 10 MWs to the eligibility threshold for a standard contract for the qualifying facility's resource type.

CHANGES TO RULE:

860-029-0100

Resolution of Disputes for Proposed Negotiated Power Purchase Agreements \P

(1) This rule applies to a complaint, filed pursuant to ORS 756.500, regarding the negotiation of a Qualifying Facility power purchase agreement for facilities with a capacity greater than 10 MWsthe eligibility threshold for a standard contract for the Qualifying Facility's resource group. These provisions supplement the generally applicable filing and contested case procedures contained in OAR chapter 860, division 001.¶
(2) Before a complaint is filed with the Commission, the Qualifying Facility must have followed the procedures set forth in the applicable public utility's tariff regarding negotiated power purchase agreements.¶
(3) At any time after 60 calendar days from the date a Qualifying Facility has provided written comments to the public utility regarding the public utility's draft power purchase agreement, the Qualifying Facility may file a complaint with the Commission asking for adjudication of any unresolved terms and conditions of its proposed agreement with the public utility.¶

(4) A Qualifying Facility filing a complaint under this rule is the "complainant." The public utility against whom the complaint is filed is the "respondent."¶

(5) The complaint must contain each of the following, as described by the complainant: ¶

(a) A statement that the Qualifying Facility provided written comments to the utility on the draft power purchase agreement at least 60 calendar days before the filing of the complaint.¶

(b) A statement of the attempts at negotiation or other methods of informal dispute resolution undertaken by the negotiating parties.¶

(c) A statement of the specific unresolved terms and conditions. \P

(d) A description of each party's position on the unresolved provisions. \P

(e) A proposed agreement encompassing all matters, including those on which the parties have reached agreement and those that are in dispute. \P

(6) Along with the complaint, the Qualifying Facility must submit written direct testimony that includes all information upon which the complainant bases its claims.¶

(7) The Commission will serve a copy of the complaint upon the respondent. Service may be made by electronic mail if the Commission verifies the respondent's electronic mail address to service of the complaint and a delivery receipt is maintained in the official file. Within 10 calendar days of service of the complaint, the respondent must file its response with the Commission, addressing in detail each claim raised in the complaint and a description of the respondent's position on the unresolved provisions. The respondent may also identify and present any additional issues for which the respondent seeks resolution.¶

(8) Along with its response the respondent must submit written direct testimony that includes all information upon which the respondent relies to support its position. \P

(9) An assigned Administrative Law Judge (ALJ) will conduct a conference with the parties to identify disputed issues, to establish a procedural schedule and to adopt procedures for the complaint proceeding. To accommodate the need for flexibility and to implement the intent of this streamlined complaint process, the ALJ retains the discretion to adopt appropriate procedures provided such procedures are fair, treat the parties equitably, and substantially comply with this rule. Such procedures may include, but are not limited to, hosting a technical workshop, holding a hearing, or submitting written comments.¶

(10) Only the counterparties to the agreement will have full party status. The ALJ may confer with members of the Commission Staff for technical assistance. \P

(11) After the hearing, or other procedures set forth in section (9), if the Commission determines that a term or provision of the proposed agreement is not just, fair, and reasonable, it may reject the proposed term or provision

and may prescribe a just and reasonable term or provision. The Commission's review is limited to the open issues identified in the complaint and in the response.¶

(12) Within 15 business days after the Commission issues its final order, the public utility must prepare a final version of the power purchase agreement complying with the Commission decision and serve it upon the Qualifying Facility. Within 10 days of service of the final power purchase agreement, the Qualifying Facility and the public utility may sign and file the agreement with the Commission, may request clarification whether the agreement terms comply with the Commission order, or may apply for rehearing or reconsideration of the order. The terms and conditions in the power purchase agreement will not be final and binding until the agreement is executed by both parties.¶

(13) The provisions of any power purchase agreement approved pursuant to this rule apply only to the parties to the agreement and are not to be considered as precedent for any other power purchase agreement negotiation or adjudication.

Statutory/Other Authority: ORS 183, 756

RULE SUMMARY: This proposed rule codifies Commission policies set forth in Order Nos. 14-058 and 15-130 setting requirements of Standard Power Purchase Agreements between public utilities and qualifying facilities.

CHANGES TO RULE:

860-029-0120

Standard Power Purchase Agreements

(1) Each public utility must offer standard power purchase agreements to eligible qualifying facilities.¶ (2) Each public utility must file with the Commission a schedule outlining the process for acquiring a standard power purchase agreement that is consistent with the provisions of OAR 860 Division 029 and Commission policy and that satisfies the requirements of this rule.¶

(3) Qualifying facilities have the unilateral right to select a purchase term of up to 20 years for a power purchase agreement. Qualifying facilities electing to sell firm output fixed-prices have the unilateral right to a fixed-price term of up to 15 years.¶

(4) The contract must specify that a qualifying facility may select a scheduled commercial on-line date: (a) Anytime within three years from the date of contract execution:

(b) Anytime later than three years after the date of contract execution if the qualifying facility establishes to the utility that a later scheduled commercial on-line date is reasonable and necessary and the utility agrees.¶ (5) Unless otherwise excused under the power purchase agreement, the utility is authorized to issue a Notice of Default if the qualifying facility does not meet the scheduled commercial on-line date in the standard power purchase agreement. If a Notice of Default is issued for failure to meet the scheduled commercial on-line date in the power purchase agreement, the qualifying facility has one year in which to cure the default for failure to meet the scheduled commercial on-line date, during which the public utility may collect damages for failure to deliver. Damages are equal to the positive difference between the utility's replacement power costs less the prices in the standard power purchase agreement during the period of default, plus costs reasonably incurred by the utility to purchase replacement power and additional transmission charges, if any, incurred by the utility to deliver replacement energy to the point of delivery.¶

(6) Subject to section (4) above, a utility may terminate a standard power purchase agreement for failure to meet the scheduled commercial on-line date in the power purchase agreement, if such failure is not otherwise excused under the contract, regardless of the utility's actual resource position at the time of the default or the utility's resource position that underlies the scheduled avoided cost prices that would have been payable to the qualifying facility at the time of default.¶

(7) The standard power purchase agreement will include a mechanical availability guarantee (MAG) for intermittent qualifying facilities as follows:

(a) For wind facilities, a 90 percent overall guarantee starting three years after the commercial operation date for gualifying facilities with new contracts or one year after the commercial operation date for qualifying facilities that renew contracts or enter into a superseding contract, subject to an allowance for 200 hours of planned maintenance per turbine per year that does not count toward calculation of the overall guarantee.¶
 (b) A qualifying facility may be subject to damages for its failure to meet the MAG calculated by:¶

(A) Determining the amount of the "shortfall" of r the year, which is the difference between the projected average on-and off-peak net output from the project that would have been delivered had the project been available at the minimum guaranteed availability for the contract year and the actual net output provided by the qualifying facility for the contract year:¶

(B) Multiplying the shortfall by the positive difference, if any, obtained by subtracting the Contract Price from the price at which the utility purchased replacement power; and **¶**

(C) Adding any reasonable costs incurred by the utility to purchase replacement power and additional transmission costs to deliver replacement power other point of delivery, if any.¶

(8) A public utility may issue a Notice of Default, and subsequently terminate a standard contract pursuant to its terms and limitations, for failure to meet the MAG if the qualifying facility does not meet the MAG for two

<u>consecutive years if such failure is not otherwise excused by the power purchase agreement.</u> <u>Statutory/Other Authority: ORS 183, 756, 757, 758</u> <u>Statutes/Other Implemented: ORS 756.040, 758.505-758.555</u>

RULE SUMMARY: This proposed new rule establishes requirements for nonstandard power purchase agreements, codifying Commission policy decisions set forth in Order Nos. 07-360 and 14-058.

CHANGES TO RULE:

860-029-0130

Nonstandard Power Purchase Agreements

(1) Each public utility must offer nonstandard avoided cost rates and nonstandard power purchase agreements to all qualifying facilities directly or indirectly interconnected with the public utility.

(2) Qualifying facilities have the unilateral right to select a purchase term of up to 20 years for a power purchase agreement. Qualifying facilities electing to sell firm output at fixed prices have the unilateral right to a fixed-price term of up to 15 years.¶

(3) The qualifying facility will be providing firm energy or capacity if the contract requires delivery of a specified amount of energy or capacity over a specified term and includes sanctions for noncompliance under a legally enforceable obligation. For a qualifying facility providing firm energy or capacity:

(a) The utility and the qualifying facility should negotiate the time periods when the qualifying facility may schedule outages and the advance notification requirement for such outages, using provisions in the utility's partial requirements tariffs as guidance.¶

(b) The qualifying facility should be required to make best efforts to meet its capacity obligations during the utility system emergencies.¶

(c) The utility and the qualifying facility should negotiate security, default, damage and termination provisions that keep the utility and its ratepayers whole in the event the qualifying facility fails to meet its obligations under the contract.¶

(d) Delay of commercial operation should not be a cause of termination if the utility determines at the time of contract execution that it will be resource sufficient as of the qualifying facility scheduled commercial operation date specified in the purchase power agreement. The utility may impose damages.

(e) Lack of motive force testing to prove commercial operation should not be a cause of termination.¶ (4) An "as-available" obligation for delivery of energy, including deliveries in excess of nameplate rating or the amount committed in the power purchase agreement, should be treated as a non-firm commitment. Non-firm commitment should not be subject to minimum delivery requirements, default damages for construction delay or under-delivery, default damages for the qualifying facility choosing to terminate the power purchase agreement early, or default security for these purposes.¶

(5) For qualifying facilities unable to establish creditworthiness, the utility must at a minimum allow the qualifying facility to choose either a letter of credit or cash escrow for providing default security. When determining security requirements, the utility should take into account the risk associated with the qualifying facility based on such factors such as its size and type of supply commitments. Default security methodologies specified in the utility's standard power purchase agreements are a useful starting point for negotiations for nonstandard power purchase agreements.

Statutory/Other Authority: ORS 183, 756, 757, 758