

OFFICE OF THE SECRETARY OF STATE

LAVONNE GRIFFIN-VALADE
SECRETARY OF STATE

CHERYL MYERS
DEPUTY SECRETARY OF STATE
AND TRIBAL LIAISON



ARCHIVES DIVISION

STEPHANIE CLARK
DIRECTOR

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

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CONTACT: Diane Davis

971-375-5082

diane.davis@puc.oregon.gov

PO Box 1088

Salem, OR 97308

Filed By:

Diane Davis

Rules Coordinator

RULES:

860-029-0005, 860-029-0010, 860-029-0044, 860-029-0045, 860-029-0046, 860-029-0047, 860-029-0120, 860-029-0121, 860-029-0123, 860-029-0124

AMEND: 860-029-0005

RULE TITLE: Applicability of Rules

NOTICE FILED DATE: 11/23/2022

RULE SUMMARY: This rule change eliminates the provision requiring submission of informational documents by the qualifying facility to the public utility within 30 days of initial contact.

RULE TEXT:

(1) These rules apply to all interconnection, purchase, and sale arrangements between a public utility and facilities that are qualifying facilities as defined herein. Provisions of these rules do 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 must be offered on terms and conditions that 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 that would otherwise be provided by these rules, provided such rate, terms, or conditions do not burden the public utility's customers.

(3) 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, ORS 756, ORS 757, ORS 758

STATUTES/OTHER IMPLEMENTED: ORS 756.040, ORS 758.505-758.555

AMEND: 860-029-0010

RULE TITLE: Definitions for Division 029 Rules

NOTICE FILED DATE: 11/23/2022

RULE SUMMARY: These rule revisions modify definitions of terms in Division 029.

RULE TEXT:

- (1) "AC" means alternating current.
- (2) "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, including any costs of interconnection of such resource to the system.
- (3) "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.
- (4) "Capacity" means the average output in kilowatts (kW) committed by a qualifying facility to an electric utility during a specific period.
- (5) "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.
- (6) "Certified qualifying facility" means a qualifying facility that is certified as such under 18 CFR Part 292.
- (7) "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.
- (8) "Cogeneration facility" means a facility which produces electric energy and steam or other forms of useful energy (such as heat) by cogeneration that are used for industrial, commercial, heating, or cooling purposes.
- (9) "Commercial operation date" means the date after start-up testing is complete on which the total Nameplate Capacity Rating of the Facility is fully interconnected, fully integrated, and synchronized with the System, and the qualifying facility has satisfied the criteria required by the power purchase agreement to declare commercial operation.
- (10) "Commission" means the Public Utility Commission of Oregon.
- (11) "Contract Price" means during the fixed price term, the applicable fixed price for On-peak Hours and Off-peak Hours specified in the purchasing utility's avoided cost price schedule, and during the subsequent non-fixed price term, the purchasing utility's applicable Index Price in effect when the energy is generated.
- (12) "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.
- (13) "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.
- (14) "Development period" means the time period commencing on the Effective Date and ending at 24:00 in the prevailing time zone in which the qualifying facility is located on the day before the scheduled commercial operation date or such earlier date on which the qualifying facility achieves the commercial operation date in compliance with these rules.
- (15) "Effective date" means the date specified in the power purchase agreement on which the power purchase agreement between the qualifying facility and the public utility becomes effective.
- (16) "Electric utility" means a nonregulated utility or a public utility as defined in ORS 758.505.
- (17) "Energy" means electric energy, measured in kilowatt hours (kWh).
- (18) "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.
- (19) "Existing QF" means a QF that is or has been operational before the effective date of a power purchase agreement.
- (20) "Facility" means all equipment, devices, associated appurtenances, owned, controlled, operated, and managed by a qualifying facility in connection with, or to facilitate, the production, storage, generation, transmission, delivery, or furnishing of electric energy by the qualifying facility to the purchasing public utility and required to interconnect with the System.
- (21) "FERC" means the Federal Energy Regulatory Commission.
- (22) "Firm energy" means a specified quantity of energy committed by a qualifying facility to an electric utility.
- (23) "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.
- (24) "Forced Outage" means
- (a) An outage that requires immediate removal of a unit from service, another outage state, or a reserve shutdown state;
- (b) An outage that does not require immediate removal of a unit from the in-service state but requires removal within six hours; or
- (c) An outage that can be postponed beyond six hours but requires that a unit be removed from the in-service state before the end of the next weekend.
- (25) "Generator Interconnection Agreement" means the generator interconnection agreement between the qualifying facility and qualifying facility's interconnection provider.
- (26) "Index rate" means the market index rate approved by the Commission for inclusion in the purchasing public utility's standard power purchase agreement.
- (27) "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.
- (28) "Maintenance Outage" means an outage that can be deferred beyond the next weekend but requires that the unit be removed from service before the next Planned Outage. A Maintenance Outage can occur any time during the year, has a flexible start date, may or may not have a predetermined duration and is usually shorter than a Planned Outage.
- (29) "Maintenance power" means electric energy or capacity supplied by a public utility during scheduled outages of a qualifying facility.
- (30) "MW" means megawatt.
- (31) "MWh" means megawatt-hour.
- (32) "Nameplate Capacity Rating" means maximum installed instantaneous power production capacity of the completed Facility, expressed in MW (AC), and measured at the Point of Interconnection, when operated in compliance with the Generation Interconnection Agreement and consistent with the recommended power factor and operating parameters provided by the manufacturer of the generator, inverters, and energy storage devices where relevant.
- (33) "NERC" means the North American Electric Reliability Corporation.
- (34) "Net Output" means all energy and capacity produced by the qualifying facility, less station service, losses, and other adjustments, flowing through the Point of Interconnection.
- (35) "Network Upgrades" means an addition, modification, or upgrade to the transmission system of a purchasing utility required at or beyond the Point of Delivery to accommodate the transmission provider's receipt of energy from a generation facility to the transmission provider's System.
- (36) "New qualifying facility" means a qualifying facility that is not an existing qualifying facility.
- (37) "Nonfirm energy" means energy to be delivered by a qualifying facility to an electric utility on an "as available" basis; or energy delivered by a qualifying facility in excess of its firm energy commitment. The rate for nonfirm energy may contain an element representing the value of aggregate capacity of nonfirm sources.
- (38) "Non-fixed price term" means the portion of the purchase term of a power purchase agreement that begins after the fixed-price term has ended, during which the qualifying facility receives pricing equal to the purchasing public

utility's Index Rate. The length of the non-fixed price term is selected by the qualifying facility and specified in the power purchase agreement.

(39) "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.

(40) "Off-peak hours" means all hours other than On-peak hours.

(41) "On-peak hours" means the hours designated as such in the purchasing public utility's avoided cost price schedule.

(42) "Permits" mean the permits, licenses, approvals, certificates, entitlements and other authorizations issued by governmental authorities required for the construction, ownership or operation of the Facility or occupancy of the site on which it is located.

(43) "Planned Outage" means an outage that is scheduled well in advance and is of a predetermined duration. A "Planned Outage" is also known as a "Scheduled Outage."

(44) "Point of Delivery" means for off-system qualifying facilities, the point on the purchasing public utility's distribution or transmission system where the qualifying facility and purchasing public utility have agreed the qualifying facility will deliver energy to the purchasing public utility. For on-system qualifying facilities, the Point of Delivery is the Point of Interconnection.

(45) "Point of Interconnection" means the point where the qualifying facility is electrically connected to an electric utility's transmission or distribution system.

(46) "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.

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

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

(49) "Purchase period" means the period of a power purchase agreement during which the qualifying facility is required to sell power to the public utility and the public utility is required to purchase power offered for sale.

(50) "Qualifying facility" means a cogeneration facility or a small power production facility as defined in 18 CFR Part 292. Unless otherwise specified, "qualifying facility" includes proposed qualifying facilities, (e.g., entities that intend to obtain certification as a qualifying facility but that have not yet done so).

(51) "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.

(52) "Renewable energy certificate" has the meaning given that term in OAR 330-160-0015(17).

(53) "Renewable Portfolio Standard" or "RPS" 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 October 23, 2018.

(54) "Renewable qualifying facility" means a qualifying facility that generates electricity that may be used for compliance with the RPS.

(55) "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 October 23, 2018. RPS attributes do not include environmental attributes that are greenhouse gas offsets from methane capture not associated with the generation of electricity.

(56) "Sale" means the sale of electric energy or capacity or both by a public utility to a qualifying facility.

(57) "Schedule" means the purchasing public utility's schedule filed with the Commission setting forth terms and rates for standard power purchase agreements.

(58) "Scheduled commercial operation date" means the commercial operation date specified by the qualifying facility and included in the standard power purchase agreement.

(59) "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. 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.

(60) "Start-up Testing" means the start-up testing required by the manufacturer or interconnection provider that establishes that the Facility is reliably producing electric energy.

(61) "System" means the electric transmission and distribution system owned or operated by the purchasing public utility, or where applicable, another electric utility.

(62) "Test energy" means electric energy generated by the Facility during the Test Period, and renewable energy certificates and capacity rights associated with such electric energy.

(63) "Test period" means a period during which Start-up Testing is conducted.

(64) "Time of delivery" means:

(a) In the case of capacity, when the generation is first online 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.

(65) "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 determined by the Commission.

(66) "Total output" means all energy produced by the Facility.

STATUTORY/OTHER AUTHORITY: ORS 183, ORS 756, ORS 757, ORS 758

STATUTES/OTHER IMPLEMENTED: ORS 756.040, ORS 758.505-758.555

ADOPT: 860-029-0044

RULE TITLE: Allocation of Costs to Related Deliveries from Off-system Qualifying Facilities

NOTICE FILED DATE: 11/23/2022

RULE SUMMARY: This rule describes the process to allocate costs for a purchasing public utility's transmission-related Network Upgrades necessitated by receipt of Net Output from an off-system standard qualifying facility.

RULE TEXT:

(1) If the merchant function of the purchasing public utility has access to information that the proposed Point of Delivery in an off-system qualifying facility's request for a draft standard power purchase agreement may be unavailable due to transmission capacity constraints or competing uses of reserved transmission, the purchasing public utility will provide the qualifying facility with written notice of the possible constraint or reserved use and if applicable, the purchasing public utility's decision to decline the qualifying facility's proposed Point of Delivery. A purchasing public utility must act reasonably and without undue discrimination in declining the qualifying facility's proposed Point of Delivery. Nothing in this section prevents the purchasing public utility from proposing an alternate Point of Delivery or requires the purchasing public utility to undertake informational or other studies or to change its standard study processes to seek information not reasonably in its possession during the contracting process.

(2) If the qualifying facility proposes an alternate Point of Delivery in response to a purchasing public utility's written notice under section (1), the purchasing public utility will have 15 business days to complete its review of proposed alternate Point of Delivery and provide the notification described in section (1) if applicable.

(3) Provided that the purchasing public utility and the qualifying facility have agreed upon a Point of Delivery, the standard power purchase agreement for an off-system qualifying facility may, at the public utility's discretion, include a provision specifying that costs to construct transmission-service related Network Upgrades of the purchasing public utility's system necessary for transmission service for a qualifying facility's output may be allocated to the qualifying facility by Commission order after the process described in sections (4), (5), and (6) of this rule.

(4) If the purchasing public utility chooses to include a transmission-service-related Network Upgrade cost-allocation provision in the standard power purchase agreement for an off-system qualifying facility, the purchasing public utility must:

(a) Specify in the power purchase agreement that the development period in the standard power purchase agreement does not commence until after the processes in section (4) and, if applicable, sections (5) and (6), are complete; and the scheduled commercial operation date, fixed price term, and purchase term in the power purchase agreement shall each be extended on a day-for-day basis until such processes are complete;

(b) No later than 15 business days after the Effective Date of the standard power purchase agreement, submit an application to the appropriate transmission provider requesting designation of the qualifying facility as a network resource and requesting network transmission service for the purpose of transmitting the power purchased from the qualifying facility to the purchasing public utility's load;

(c) Request an effective date for commencement of network transmission service for the qualifying facility that is:

(A) 90 days prior to the scheduled commercial operation date; or

(B) As soon as practicable after the Effective Date of the executed standard power purchase agreement if the scheduled commercial operation date is less than 90 days following the Effective Date.

(d) No later than five business days after the purchasing public utility's receipt of a response to the application submitted under subsection (b), inform the qualifying facility of the transmission provider's response;

(e) No later than 15 business days after the purchasing public utility's receipt of a response to the application submitted under subsection (b), notify the qualifying facility in writing whether it has determined that costs should be allocated to the qualifying facility and, if so, what costs. Within 15 business days of receiving that cost allocation determination, the qualifying facility must notify the purchasing public utility of whether it objects to its cost allocation determination.

(f) If the purchasing public utility is notified of an objection to its cost allocation determination under subsection (e), it must initiate a proceeding with the Commission by filing its proposed cost allocation determination within 15 business

days.

(5) Upon receipt of a request for a cost allocation determination under subsection (4)(e), the Commission will conduct a proceeding at which the purchasing public utility and qualifying facility will each have opportunity to present their respective positions to the Commission as to the proper allocation of the costs of transmission-service-related Network Upgrades. After providing notice and opportunity to comment regarding a request filed under subsection (4)(f), the Commission will issue an order regarding the appropriate allocation of costs of transmission service Network Upgrades.

(6) After receipt of notice under subsection (4)(e) of this section that the purchasing public utility is seeking a cost allocation determination, but no later than 15 business days after any Commission order allocating costs of transmission-service-related Network Upgrades to the qualifying facility, the qualifying facility may terminate the power purchase agreement upon written notice to the purchasing public utility or may request the public utility agree to an alternate Point of Delivery under section (2). The qualifying facility's timely termination of the standard power purchase agreement under this section will not be an event of default, and no damages or other liabilities under the power purchase agreement will be owed by or to either party. If the qualifying facility requests an alternate Point of Delivery, the public utility's response is subject to the requirements in this rule.

(7) Notwithstanding the other sections in this rule, nothing prevents the purchasing public utility and qualifying facility from agreeing to amend the standard power purchase agreement to address transmission-service-related Network Upgrade costs or to substitute a new Point of Delivery.

STATUTORY/OTHER AUTHORITY: ORS 183, ORS 756, ORS 757, ORS 758

STATUTES/OTHER IMPLEMENTED: ORS 756.040, ORS 758.505-758.555

ADOPT: 860-029-0045

RULE TITLE: Eligibility for Standard Avoided Cost Prices and Purchase Agreements

NOTICE FILED DATE: 11/23/2022

RULE SUMMARY: This rule sets forth eligibility criteria for standard avoided cost prices and standard power purchase agreements.

RULE TEXT:

(1) Solar qualifying facilities with a Nameplate Capacity Rating of 3 MW and less, and all other qualifying facilities with a Nameplate Capacity Rating of 10 MW and less, are eligible for standard avoided cost prices.

(2) All qualifying facilities with a Nameplate Capacity Rating of 10 MW and less are eligible to enter into a standard power purchase agreement.

(3) Renewable qualifying facilities that satisfy the criteria of section (1) are eligible to select the purchasing public utility's standard renewable avoided cost prices. A renewable qualifying facility choosing the standard renewable avoided cost prices must cede all renewable energy certificates generated by the Facility to the purchasing public utility while the qualifying facility is receiving deficiency-period pricing from the purchasing public utility and during any other period of the power purchase agreement ordered by the Commission.

(4) The determination of Nameplate Capacity Rating for purposes of determining whether a qualifying facility meets the size criteria in sections (1) and (2) is based on the cumulative Nameplate Capacity Rating of the qualifying facility seeking the standard avoided cost prices or power purchase agreement and that of any other Facilities owned by the same person(s) or affiliate(s) located on the same site.

(a) Two qualifying facilities are located on the same site if the generating facilities or equipment providing fuel or motive force associated with the qualifying facilities are located within a five-mile radius and the qualifying facilities use the same source of energy or motive force to generate electricity;

(b) For purposes of this section:

(A) Person(s) are natural persons or any legal entities.

(B) Affiliate(s) are persons sharing common ownership or management, persons acting jointly or in concert with, or exercising influence over, the policies of another person or persons, or wholly owned subsidiaries.

(C) To the extent a person or affiliate is a closely held entity, a "look through" rule applies so that project equity held by limited liability companies, trusts, estates, corporations, partnerships, and other similar entities is considered to be held by the owners of the look through entity.

(c) Notwithstanding subsections (4)(a) and (b), the qualifying facility seeking standard prices or a standard power purchase agreement, and other Facilities within the same five-mile radius, will not be considered owned or controlled by the same person(s) or affiliate(s) if the person(s) or affiliate(s) in common are passive investors whose ownership interest is primarily for obtaining value related to production tax credits, green tag values, or modified accelerated cost recovery system (MACRS) depreciation, and the qualifying facility and other Facilities at issue are "family-owned" or "community-based" project(s):

(A) Family-owned. A project will be considered "family owned" if, after excluding the ownership interest of those who qualify as passive investor(s) under (4)(c), five or fewer individuals hold at least 50 percent of the project entity, or 15 or fewer individual entities hold at least 90 percent of the project entity. For purposes of counting the number of individuals holding the remaining share (i.e., determining whether there are 5 or fewer individuals or 15 or fewer individuals), an individual is a natural person. Notwithstanding the foregoing, an individual, his or her spouse, and his or her dependent children, will be aggregated and counted as a single individual even if the spouse and/or dependent children also hold equity in the project;

(B) Community Based. A community-based (or community-sponsored) project must include participation by an established organization that is located either in the county in which the qualifying facility is located or within 50 miles of the qualifying facility and that either:

(i) Has a genuine role in developing, or helping to develop, the qualifying facility and intends to have a significant

continuing role with, or interest in, the qualifying facility after it is completed and placed in service; or

(ii) Is a unit of local government that will not have an equity ownership interest in or exercise any control over the management of the qualifying facility and whose only interest is a share of the cash flow from the qualifying facility, that may not exceed 20 percent without prior approval of the Commission for good cause.

(d) Notwithstanding subsections (4)(a) and (b), two or more qualifying facilities that otherwise are not owned or operated by the same person(s) or affiliate(s) will not be determined to be a single qualifying facility based on the fact that they have in place a shared interest or agreement regarding interconnection facilities, interconnection-related system upgrades, or any other infrastructure not providing motive force or fuel. Two or more qualifying facilities will not be held to be owned or controlled by the same person(s) or affiliate(s) solely because they are developed by a single entity so long as they are not owned or operated by the same person(s) or affiliate(s) of the same person(s) at the time each qualifying facility seeks to enter into a power purchase agreement or at any time thereafter.

STATUTORY/OTHER AUTHORITY: ORS 183, ORS 756, ORS 757, ORS 758

STATUTES/OTHER IMPLEMENTED: ORS 756.040, ORS 758.505-758.555

AMEND: 860-029-0046

RULE TITLE: Process for Procuring Standard Power Purchase Agreement

NOTICE FILED DATE: 11/23/2022

RULE SUMMARY: This rule summarizes obligations of public utilities and qualifying facilities related to procurement of standard power purchase agreements under Division 029.

RULE TEXT:

(1) 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 section.

(2) Upon request, each public utility must provide a draft standard power purchase agreement to an eligible qualifying facility after the qualifying facility has provided the public utility, in written form:

(a) An executed standard form of interconnection study agreement and evidence that all related interconnection study application fees have been paid, or evidence that no study is required; and

(b) Documentary evidence that the qualifying facility has taken meaningful steps to seek site control of the proposed location of the qualifying facility including, but not limited to, documentation demonstrating:

(A) An ownership of, a leasehold interest in, or a right to develop, a site of sufficient size to construct and operate the qualifying facility;

(B) An option to purchase or acquire a leasehold interest in a site of sufficient size to construct and operate the qualifying facility; or

(C) Another document that clearly demonstrates the commitment of the grantor to convey sufficient rights to the developer to occupy a site of sufficient size to construct and operate the qualifying facility, such as an executed agreement to negotiate an option to lease or purchase the site.

(c) The following information regarding the proposed qualifying facility:

(A) Demonstration of ability to obtain certified qualifying facility status prior to commercial operation; for qualifying facilities larger than 1 MW, a Form 556 self-certification of the proposed qualifying facility or a FERC order granting an application for certification of the proposed qualifying facility is required;

(B) Demonstration of eligibility for standard power purchase agreement and pricing under OAR 860-029-0045;

(C) Design capacity (MW);

(D) Estimate of station service requirements and net amount of power to be delivered to the purchasing public utility's electric System;

(E) Generation technology and other related technology applicable to the site;

(F) Non-binding estimate of 12 x 24 delivery schedule and 8760 generation profile when practicable; estimates of the net amount of power to be delivered to the public utility's electric system and the 12 x 24 delivery schedule are subject to revision until the date the qualifying facility commences commercial operation;

(G) Motive force or fuel plan;

(H) Proposed scheduled commercial operation date;

(I) Proposed contract term;

(J) Proposed pricing provisions;

(K) Point of Delivery as well as Point of Interconnection or multiple Points of Interconnection under consideration;

(L) Latitude and longitude of proposed facility and site layout;

(M) For a qualifying facility with battery storage system, description of the storage design capacity, description of technology used by battery storage system, storage system duration, and net power output;

(N) For a qualifying facility selecting a scheduled commercial operation date between three and five years after the Effective Date of the standard power purchase agreement pursuant to OAR 860-029-0120(5)(b), a copy of the interconnection study supporting the scheduled commercial operation date if one exists; and

(O) Other information specified in the utility's avoided cost rates schedule or standard power purchase agreement

approved by the Commission.

(3) Once a qualifying facility has asked for a draft standard power purchase agreement and provided the information required under section (2), the public utility has 15 business days to provide the qualifying facility a draft standard power purchase agreement including current standard avoided cost prices and/or other optional pricing mechanisms as approved by the Commission.

(4) After receipt of a draft standard power purchase agreement, the qualifying facility may submit comments to the public utility regarding the draft agreement or request that the public utility prepare a final executable power purchase agreement.

(5) If the qualifying facility submits comments to the public utility or asks for revisions to the draft standard power purchase agreement, in writing, the public utility has 10 business days to:

(a) Notify the qualifying facility it cannot make the requested changes;

(b) Notify the qualifying facility it does not understand the requested changes or requires additional information; or

(c) Provide a revised draft power purchase agreement. However, the public utility will have 15 business days to respond or provide a revised draft standard power purchase agreement when the qualifying facility requests a change to the Point of Delivery.

(6) The process outlined in sections (4) and (5) of this rule will continue until both the qualifying facility and public utility agree to the terms of the draft standard power purchase agreement, i.e., neither the qualifying facility nor the purchasing public utility have outstanding issues, corrections, or comments regarding the draft power purchase agreement.

(7) After the parties concur on the terms of the draft standard power purchase agreement, the qualifying facility can submit a written request to the public utility for a final executable version of the purchase agreement. The public utility has 10 business days from the receipt of the written request to provide a final executable form of the purchase agreement to the qualifying facility.

(8) Upon receipt of the final executable form of the purchase agreement executed by the qualifying facility, the purchasing public utility has five business days in which to sign the final executable agreement.

(9) A legally enforceable obligation will be considered established on the date on which the qualifying facility executes the final executable form of the power purchase agreement or such earlier date that the Commission may order.

(10) Both QF parties and purchasing utilities acting pursuant to this rule are obligated to act in good faith when dealing with counterparties.

STATUTORY/OTHER AUTHORITY: ORS 183, ORS 756, ORS 757, ORS 758

STATUTES/OTHER IMPLEMENTED: ORS 756.040, ORS 758.505-758.555

ADOPT: 860-029-0047

RULE TITLE: Integration Charges

NOTICE FILED DATE: 11/23/2022

RULE SUMMARY: This rule language was previously located in OAR 860-029-0046 and is being moved to OAR 860-029-0047 in this change. There are no changes to the actual rule language

RULE TEXT:

- (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 bears 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 must be included in the public utility's avoided cost schedules.

STATUTORY/OTHER AUTHORITY: ORS 183, ORS 756, ORS 757, ORS 758

STATUTES/OTHER IMPLEMENTED: ORS 756.040, ORS 758.505-758.555

AMEND: 860-029-0120

RULE TITLE: Standard Power Purchase Agreements

NOTICE FILED DATE: 11/23/2022

RULE SUMMARY: The revisions to this rule clarify or modify requirements for standard power purchase agreement terms under Division 029.

RULE TEXT:

- (1) Each public utility must offer standard power purchase agreements to eligible qualifying facilities. Each public utility must submit all forms of standard power purchase agreements to the Commission for approval.
- (2) Qualifying facilities have the unilateral right to select a purchase period of up to 20 years for a standard 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, subject to the reduction specified in section (6) for a development period that exceeds three years. In addition, the fixed-price term continues to run during the cure period should the qualifying facility fail to meet the scheduled commercial operation date. Qualifying facilities may also select a nonfixed-price term of up to five years to run at the conclusion of the fixed-price term.
- (3) The development period of a standard power purchase agreement begins on the Effective Date, unless the start of the development period is delayed by the initiation of the Network Upgrade cost allocation process in OAR 860-029-0044. The development period ends at 24:00 in the time zone in which the qualifying facility is located on the day before the scheduled commercial operation date specified in the standard power purchase agreement or such earlier date on which the qualifying facility achieves the commercial operation date in compliance with these rules.
- (4) The purchase period of a standard power purchase agreement begins on the earlier of the commercial operation date or the scheduled commercial operation date. The scheduled commercial operation date may be delayed by Force Majeure, extended by agreement of the purchasing public utility and the qualifying facility or modified under subsection (5)(b) or section (6) of this rule. In these cases, the purchase period and fixed price term commence on the earlier of the commercial operation date or the delayed or extended scheduled operation date.
- (5) A qualifying facility may specify a scheduled commercial operation date for a standard power purchase agreement subject to the following requirements:
 - (a) Anytime within three years from the date of agreement execution;
 - (b) Anytime within five years from the date of agreement execution. If the qualifying facility can, utilizing the process specified in section (6), provide an interconnection study by the purchasing utility showing that the time it will take the purchasing utility to complete the interconnection to the qualifying facility necessitates a commercial operation date longer than three years from the Effective Date, then the additional time necessitated by the interconnection up to an additional two years will not be taken off the period of the fixed-price term. Under other circumstances, the additional time will be taken off the period of the fixed-price term; or
 - (c) In any standard power purchase agreement with a scheduled commercial operation date more than three years after the Effective Date, except as specified otherwise in these rules, the fixed-price term will be reduced one day for every day of the development period after three-year anniversary of the Effective date, with the reduction taken from the end of the fixed-price term. Example: A standard power purchase agreement with a development period of three years and six months will have a fixed-price term of 14 years and 6 months. The fixed-price term will begin on the scheduled commercial operation date and will end after 14 years and 6 months.
- (6) Modification of Scheduled Commercial Operation Date or Termination
 - (a) Anytime within six months after the Effective Date of a standard power purchase agreement, the qualifying facility may terminate the standard power purchase agreement or modify the scheduled commercial operation date in the standard power purchase agreement if the qualifying facility receives an interconnection study report that is completed after the Effective Date that:
 - (A) Includes an estimate of time to interconnect that is longer than the development period in the executed standard power purchase agreement; or

- (B) Includes an estimate of costs to interconnect that render the project uneconomic in the qualifying facility's opinion.
- (b) A qualifying facility that chooses to modify the scheduled commercial operation date under subsection (a) of this section (6) may not select a new scheduled commercial operation date more than five years from the date the standard power purchase agreement was executed except as specified otherwise in these rules;
- (c) If a qualifying facility terminates the standard power purchase agreement under subsection (a) of this section (6), it is liable for damages incurred by the public utility up until the date of termination, which may be taken from the Project Development Security posted by the qualifying facility;
- (d) In the event the qualifying facility is delayed in reaching commercial operation because of an event of Force Majeure or the public utility's default under the standard power purchase agreement or any other agreement related to the interconnection of the qualifying facility to the purchasing utility's system, including interconnection study agreements and interconnection agreements, the scheduled commercial operation date in the standard power purchase agreement will be extended commensurately with the delay caused by the event of Force Majeure or the public utility's default, except for periods of delay that could have been prevented had the qualifying facility taken mitigating actions using commercially reasonable efforts. An extension of the scheduled commercial operation date under this subsection is not subject to the fixed-price term reduction in subsection (5)(c) or the five-year limitation in subsection (5)(b).
- (7) Unless otherwise excused under the standard power purchase agreement, the utility is authorized to issue a Notice of Default if the qualifying facility does not meet the scheduled commercial operation date in the standard power purchase agreement. If a Notice of Default is issued for failure to meet the scheduled commercial operation date in the standard power purchase agreement, the qualifying facility has one year in which to cure the default for failure to meet the scheduled commercial operation date, during which the public utility may collect damages for failure to deliver.
- (a) Unless otherwise excused under the standard power purchase agreement, damages for failure to meet the scheduled commercial operation date in a standard power purchase agreement 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, determined on a daily basis with positive differences aggregated and invoiced as a monthly sum, 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.
- (b) If the qualifying facility would have been required by the standard power purchase agreement to transfer Renewable Energy Credits to the public utility during the period when the qualifying facility is in default under this subsection, damages owed to the public utility will include the public utility's cost to acquire replacement Renewable Energy Credits.
- (c) Notwithstanding subsections (a) and (b), damages incurred under this section may not exceed an amount equal to what the qualifying facility would have received under the standard power purchase contract for energy delivered during the default period.
- (8) Subject to the one-year cure period in section (7) above, a utility may terminate a standard power purchase agreement for failure to meet the scheduled commercial operation date in the power purchase agreement, if such failure is not otherwise excused under the agreement.
- (9) Point of Delivery. An off-system qualifying facility may propose the Point of Delivery for a standard power purchase agreement. The purchasing public utility must agree to the Point of Delivery before it is included in the standard power purchase agreement. The purchasing public utility may not unreasonably withhold agreement.
- (10) The standard power purchase agreement must include a mechanical availability guarantee (MAG) for wind, hydroelectric, and solar qualifying facilities as follows:
- (a) A 90 percent overall guarantee, measured per turbine for wind resources and system-wide for other resources, starting three years after the commercial operation date for qualifying facilities with new contracts or one year after the commercial operation date for qualifying facilities that renew a contract 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" for 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 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) Additional ancillary service and transmission costs to deliver replacement power to the point of delivery and the cost of replacement renewable energy certificates, if any.

(c) The 90 percent availability guarantee will be reduced on a pro rata basis for any portion of the annual period the qualifying facility was prevented from being available for reasons of Force Majeure or a default by the purchasing public utility under the power purchase agreement or interconnection agreement.

(d) Notwithstanding subsection (b), the total amount of damages owed to the purchasing public utility by a qualifying facility for failure to meet the MAG will not exceed what the qualifying facility would have been paid under the standard power purchase agreement had it delivered sufficient output to meet the MAG.

(11) A public utility may issue a Notice of Default, and subsequently terminate a standard power purchase agreement pursuant to its terms and limitations, for failure to meet the MAG if the qualifying facility does not meet the MAG for two consecutive years if such failure is not otherwise excused by the power purchase agreement.

(12)(a) The standard purchase agreement will include an annual minimum delivery guarantee (MDG) for geothermal and biomass qualifying facilities equal to 90 percent of the qualifying facility's expected energy for the year.

(b) The qualifying facility may be subject to damages for failure to meet the MDG calculated by:

(A) Determining the amount of the "shortfall" for the year, which is the difference between 90 percent of the qualifying facility's expected energy for the year and the actual Net Output delivered by the qualifying facility to the purchasing public utility in the year;

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

(C) Additional ancillary service and transmission costs to deliver replacement power to the point of delivery and the cost of replacement renewable energy certificates, if any.

(c) Notwithstanding subsection (b), the total amount of damages owed to the purchasing public utility by a qualifying facility for failure to meet the MDG will not exceed what the qualifying facility would have been paid under the standard power purchase agreement for energy it would have delivered had it met the MDG.

(d) The 90 percent MDG will be reduced on a pro rata basis for any portion of the annual period the qualifying facility was prevented from generating or delivering electricity for reasons of Force Majeure, a default by the purchasing public utility under the power purchase agreement or interconnection agreement, or any interconnection and transmission curtailment initiated by the purchasing utility or the transmitting utility.

(13) A purchasing utility may issue a Notice of Default, and subsequently terminate a standard power purchase agreement pursuant to its terms and limitations, for failure to meet the MDG if the qualifying facility does not meet the MDG for three consecutive years if such failure is not otherwise excused by the standard power purchase agreement.

(14) Incremental Facility Upgrades.

(a) During the development period, the qualifying facility may make reasonable modification to the design and components of its facility from the design and components contained in the power purchase agreement. The qualifying facility is obligated to provide the purchasing public utility an as-built supplement describing the Facility within 90 days after the commercial operation date. Except with the purchasing utility's written consent or as described in subsection (b) of this rule, the Facility as reflected in the as-built supplement may not:

(b) of this rule, the Facility as reflected in the as-built supplement may not:

(A) Have a Nameplate Capacity Rating that exceeds the Nameplate Capacity Rating in the power purchase agreement at the time it was executed; or

(B) Result in an expected annual net output that is greater than 10 percent above that specified in the power purchase agreement at the time it was executed.

(b) In the event that the qualifying facility seeks to upgrade the facility during the development period or the term of the power purchase agreement in a manner that does not increase the Nameplate Capacity Rating of the facility in the power purchase agreement, but which is reasonably likely to cause the expected annual net output to exceed that listed in the power purchase agreement by more than 10 percent, such upgrades may be made without the utility's prior approval subject to the following requirements:

(A) The proposed upgrades may not cause the qualifying facility to fail to meet the current eligibility requirements for either the standard power purchase agreement or standard prices, to breach its generation interconnection agreement, or necessitate network upgrades in order to maintain designated network status.

(B) At least six months in advance of the scheduled installation date for the proposed upgrades, the qualifying facility must send written notice to the purchasing utility containing a detailed description of the proposed upgrades and their impact on expected net output and revised 12 x 24 delivery schedule and requesting indicative pricing for the incremental additional net output expected to be generated as a result of the upgrades.

(C) Within 30 days after receiving such a request, the purchasing utility must respond with indicative pricing for the expected incremental additional Net Output to be generated as a result of the upgrades and which exceeds 10 percent of the expected annual Net Output specified in the power purchase agreement.

(D) Within 30 days after receiving indicative pricing, the qualifying facility may request a draft amendment to the power purchase agreement to reflect revised pricing for the remaining term of the power purchase agreement, effective upon completion of the upgrades. If it is not reasonably feasible to separately meter the incremental additional Net Output resulting from the proposed upgrades, the purchasing utility may create a blended rate based on the proportion the expected incremental additional net output bears to the expected total Net Output following the installation of the upgrades.

(c) Within 90 days after the date on which upgrades are installed under subsections (a) or (b) of this section, the qualifying facility is obligated to provide the purchasing utility an as-built supplement describing in detail the upgraded facility.

(d) A qualifying facility that wishes to install upgrades that would cause the Facility to increase its Nameplate Capacity Rating must terminate its existing power purchase agreement and may choose to enter a new standard or new non-standard power purchase agreement based on the then current avoided cost. In calculating damages resulting from the early termination of the original standard power purchase agreement, if any, the cost to cover will be calculated based on the pricing set forth in the new non-standard pricing agreement notwithstanding any other provision in these rules to the contrary. A qualifying facility that chooses to negotiate a new power purchase agreement under this subsection will not be liable for damages for any default caused by its failure to maintain eligibility for a standard power purchase agreement.

(15) Project Development Security. A new qualifying facility that has executed a standard power purchase agreement that does not meet the creditworthiness requirements in this rule must post Project Development Security for the purchasing public utility's benefit within 120 days of the Effective Date of the standard power purchase agreement. The amount of required Default Security will be \$150/kWh. The obligation to maintain the Project Development Security will expire once the qualifying facility commences commercial operation. The qualifying facility may use either of the following options to post Project Development Security:

(a) Cash Escrow Security. The qualifying facility shall deposit in an escrow account established by the purchasing utility in a banking institution acceptable to both the qualifying facility and purchasing utility, Project Development Security. Such sum shall earn interest at the rate applicable to money market deposits at such banking institutions from time to time. To the extent the purchasing utility receives payment from the Project Development Security for damages in the event of default, the qualifying facility will, within 15 days, restore the Project Development Security as if no such deduction had occurred.

(b) Letter of Credit Security. The qualifying facility shall post and maintain in an amount equal to the Project Development Security either a guaranty from a party that satisfies the creditworthiness requirements under Section (18) of this rule, or a Letter of Credit in favor of the purchasing public utility. To the extent the public utility receives

payment from the Project Development Security for damages in the event of default, the qualifying facility will, within 15 days, restore the Project Development Security as if no such deduction had occurred.

(16) Default Security. A qualifying facility that has executed a standard power purchase agreement that does not meet the public utility's creditworthiness requirements must post Default Security upon commencing commercial operation. The amount of required Default Security will be \$50/kWh. The qualifying facility may use one of the following options to post Default Security:

(a) Cash Escrow Security. The qualifying facility shall deposit the Default Security in an escrow account established by the purchasing utility in a banking institution acceptable to both the qualifying facility and purchasing utility. Such sum shall earn interest at the rate applicable to money market deposits at such banking institutions from time to time. To the extent the purchasing utility receives payment from the Default Security for damages in the event of default, the qualifying facility will, within 15 days, restore the Default Security as if no such deduction had occurred;

(b) Letter of Credit Security. The qualifying facility shall post and maintain in an amount equal to the Default Security either a guaranty from a party that satisfies the creditworthiness requirements under section (18) of this rule, or a Letter of Credit in favor of the purchasing public utility. To the extent the public utility receives payment from the Default Security for damages in the event of default, the qualifying facility will, within 15 days, restore the Default Security as if no such deduction had occurred.

(c) Step-in Rights and Senior Liens. Default security can be satisfied through grant of step-in rights or a senior lien to the purchasing utility in a form acceptable to the purchasing public utility in its reasonable-exercised discretion.

(17) Insurance requirements. The standard power purchase agreement must specify that a qualifying facility with a Nameplate Capacity Rating greater than 200 kW must secure and maintain general liability insurance coverage that complies with the following:

(a) The insurance provider must have a rating no lower than "A-" by A.M. Best Company;

(b) Insurance coverage will include:

(A) general commercial liability insurance covering bodily injury and property damage in the amount of \$1,000,000 each occurrence combined single limit, or greater if desired by the qualifying facility; and

(B) Umbrella insurance in the amount of \$5,000,000, or greater if desired by the qualifying facility.

(18) Creditworthiness requirements under subsections (15) and (16) of this rule may be satisfied by:

(a) A senior, unsecured long term debt rating (or corporate rating if such debt rating is unavailable) of:

(A) 'BBB+' or greater from S&P Global Ratings; or

(B) 'Baal' or greater from Moody's Investor Services; provided that if such ratings are split, the lower of the two ratings must be at least 'BBB+' or 'Baal' from S&P Global Ratings or Moody's Investor Services.

(b) If a rating from S&P Global Ratings or Moody's Investor Services is not available, the qualifying must provide financial documentation that supports an equivalent rating as determined by the purchasing utility through a reasonable internal process review and utilizing a credit scoring model. In such case, the purchasing utility will request audited financial statements for the most recent two full years (including balance sheet, income statement, statement of cash flows, and accompanying footnotes), which information is evaluated considering:

(A) the type of generation resource;

(B) the size of the resource;

(C) the expected energy delivery start date; and

(D) the term of the power purchase agreement.

(c) The internal review process will evaluate, at minimum, certain profitability, cash flow, liquidity, and financial leverage metrics.

(d) If the qualifying facility is required to post a letter of credit, the letter of credit must be issued by an institution, not subject to bail-in regulation, with a credit rating on its long-term senior unsecured debt of at least 'A' from S&P Global Ratings and 'A2' from Moody's Investor Services.

(19) Except as explicitly provided in these rules, any qualifying facility that has entered into a standard power purchase agreement with a public utility under PURPA will not make any changes in its ownership, control or management that

would cause the qualifying facility to fail to satisfy the eligibility requirements for entering into the standard power purchase agreement or receipt of standard pricing reflected in the agreement. No more than once every 24 months, at the request of the public utility, the qualifying facility will provide documentation and information reasonably requested by the public utility to establish the qualifying facility's continued compliance with eligibility requirements for the standard power purchase agreement executed by the qualifying facility and public utility. The public utility shall take reasonable steps to maintain the confidentiality of any such documentation and information the qualifying facility identifies as confidential, provided that the public utility may provide all such information to the Commission in a proceeding before the Commission.

STATUTORY/OTHER AUTHORITY: ORS 183, ORS 756, ORS 757, ORS 758

STATUTES/OTHER IMPLEMENTED: ORS 756.040, ORS 758.505-758.555

ADOPT: 860-029-0121

RULE TITLE: Delivery and Purchase under Standard Power Purchase Agreement

NOTICE FILED DATE: 11/23/2022

RULE SUMMARY: This rule sets forth requirements for public utilities and qualifying facilities under standard power purchase agreements.

RULE TEXT:

- (1) Commencing on the earlier of the commercial operation date or the scheduled commercial operation date of the standard power purchase agreement and continuing until the end of the purchase period, the qualifying facility will be obligated to deliver and sell, and the purchasing public utility will be obligated to receive and purchase, the Net Output delivered to the Point of Delivery or Point of Interconnection, subject to other relevant requirements in this division.
- (2) An off-system qualifying facility may deliver and the purchasing public utility must accept energy imbalance ancillary services if:
 - (a) The transmitting entity or entities require the qualifying facility to procure the services;
 - (b) The transmitting entity or entities require the qualifying facility to schedule deliveries in increments of no less than one megawatt;
 - (c) The qualifying facility is not attempting to sell the purchasing public utility energy or capacity in excess of its expected hourly Net Output; and
 - (d) The energy imbalance service is designed to correct a mismatch between energy scheduled by the qualifying facility and the actual real time production by the qualifying facility.
- (3) The purchasing public utility must accept but is not obligated to pay for surplus delivery of energy. For purposes of this rule surplus delivery of energy means:
 - (a) For on-system qualifying facilities, Net Output at the Point of Interconnection that exceeds the qualifying facility's Nameplate Capacity Rating;
 - (b) For off-system qualifying facilities, any positive difference between the total energy delivered to the purchasing public utility in a given month and the qualifying facility's total Net Output for the month.
- (4) Title and risk of loss related to the energy shall transfer from the qualifying facility to the purchasing public utility at the Point of Delivery, except that title to renewable energy certificates transferred under a power purchase agreement shall transfer to the purchasing public utility when generated.
- (5) A qualifying facility may not commence commercial operation any sooner than 180 days before the scheduled commercial operation date of the standard power purchase agreement unless the purchasing public utility consents to early operation. The purchasing public utility may require a qualifying facility to wait to commence commercial operation until no sooner than 90 days prior to the scheduled commercial operation if the purchasing public utility is unable to accept delivery from the qualifying facility but is obligated to undertake reasonable efforts to obtain transmission service up to 180 days ahead of the scheduled commercial operation date. The qualifying facility must agree to compensate the purchasing public utility for any additional transmission costs associated with commencing operation sooner than 90 days prior to the scheduled commercial operation date.
- (6) The purchasing public utility will accept Test Energy delivered to the Point of Delivery as early as 90 days, but no more than 180 days, prior to the scheduled commercial operation date, subject to section (5) of this rule; provided that, in such case, the purchasing public utility's obligation to purchase Test Energy will not exceed a maximum period of 180 days. The purchasing public utility will pay the qualifying facility the lower of 85 percent of Index Rate or 85 percent of Contract Price for Test Energy delivered prior to the scheduled commercial operation date.

STATUTORY/OTHER AUTHORITY: ORS 183, ORS 756, ORS 757, ORS 758

STATUTES/OTHER IMPLEMENTED: ORS 756.040, ORS 758.505-758.555

ADOPT: 860-029-0123

RULE TITLE: Default, Damages, and Termination

NOTICE FILED DATE: 11/23/2022

RULE SUMMARY: This rule specifies requirements related to events of default under standard power purchase agreements.

RULE TEXT:

(1) The following events, if uncured within the applicable cure period, may constitute a default by the qualifying facility under a standard power purchase agreement for which the purchasing utility may terminate the power purchase agreement subject to the provisions of this rule:

- (a) Failure to begin power deliveries by scheduled commercial operation date;
- (b) Failure to provide Project Development or Default Security in the applicable time frame;
- (c) Failure to maintain qualifying facility status;
- (d) Failure to meet the PPA obligation to sell entire Net Output to the purchasing public utility;
- (e) Failure to make a payment when due under the power purchase agreement, if amount of payment is not the subject of good faith dispute;
- (f) Abandonment of the Facility;
- (g) Failure to satisfy applicable MAG for two (2) consecutive years;
- (h) Failure to satisfy applicable MDG for three (3) consecutive years;
- (i) Breach of any warranty or representation in the power purchase agreement; and
- (j) Failure to comply with any other material obligation under the power purchase agreement.

(2) The following events, if uncured within the applicable cure period, may constitute a default by the purchasing public utility under the standard power purchase agreement for which the Qualifying Facility may terminate the power purchase agreement subject to the provisions of this rule:

- (a) Failure to receive or purchase Net Output;
- (b) Failure to make a payment when due under the power purchase agreement, if amount of payment is not the subject of good faith dispute;
- (c) Breach of any warranty or representation in the power purchase agreement; and
- (d) Failure to comply with any material obligation under the power purchase agreement.

(3) Unless otherwise excused under the standard power purchase agreement, Force Majeure, or otherwise, the non-defaulting party is authorized to issue a Notice of Default upon any of the events described in sections (1) and (2).

(4) Cure periods:

- (a) The qualifying facility has one year in which to cure the default for failure to meet the scheduled commercial operation date, as specified in OAR 860-029-0120(7).
- (b) Except with a respect to a failure to meet the MAG or MDG, which failures are not curable, the non-defaulting party has 30 days following written notice from the non-defaulting party in which to cure the event of default. This 30-day period shall be extended by an additional 90 days if:
 - (A) The failure cannot reasonably be cured within the 30-day period;
 - (B) The default is reasonably capable of being cured within the additional 90-day period; and
 - (C) The defaulting party commences the cure within the original 30-day period.

(5) Damages. If damages are incurred as a result of a breach under the standard purchase agreement, the breaching party must remit payment in the full amount of the damages to the non-breaching party no later than 30 days after the breaching party receives an invoice for damages from the non-breaching party if the amount of payment is not the subject of good-faith dispute. The invoice for damages must include a written statement explaining in reasonable detail the calculation of the damages amount.

(6) Subject to the cure periods in section (4), the non-defaulting party may issue a notice of termination to terminate a standard power purchase agreement for a default under sections (1) or (2), as applicable.

(7) The non-defaulting party must provide the defaulting party a notice of termination at least 30 days prior to date of termination. The notice period for termination may run concurrently with the applicable cure period.

(8) Termination of Duty to Buy. If a standard power purchase agreement is terminated because of default by the qualifying facility and the qualifying facility wishes to sell Net Output to the purchasing utility following such termination, the public utility may require the qualifying facility do so subject to the terms of the terminated agreement, including but not limited to the Contract Price, until the scheduled end date in the terminated agreement. The purchasing utility may also require the qualifying facility to post default security. The qualifying facility may not take any action or permit any action to occur the result of which avoids or seeks to avoid the restrictions in this section through use or establishment of a special purpose entity or other affiliate.

(9) Termination Damages. If the standard power purchase agreement is terminated by the public utility as a result of an event of default by the qualifying facility, termination damages owed by the qualifying facility to the public utility will be the positive difference, if any, between

(a) The public utility's estimated costs to secure replacement power and Renewable Energy Credits, if applicable, for a period of 24 months following the date of termination, including any associated transmission necessary to deliver such replacement power; and

(b) The contract price for such 24-month period ("Termination Damages"), provided the damages may not exceed the cost the utility would have incurred to purchase the qualifying facility's power and Renewable Energy Credits under the terminated power purchase agreement. The public utility must calculate the Termination Damages on a monthly basis and in a commercially reasonable manner and provide to the qualifying facility a written statement explaining in reasonable detail the calculation of Termination Damages in the Notice of Termination. Termination damages are due by qualifying facility within 30 days of receipt of the written Notice of Termination from the public utility.

(10) Duty/Right to Mitigate. Both the purchasing public utility and qualifying facility have a duty to mitigate damages and must use commercially reasonable efforts to minimize any damages it may incur as a result of the other party's performance or non-performance under a standard power purchase agreement.

(11) Security. If a standard power purchase agreement is terminated because of the qualifying facility's default, the purchasing public utility may, in addition to pursuing any and all other remedies available at law or in equity, proceed against any security held by the purchasing public utility in whatever form to reduce the amounts that the qualifying facility owes the purchasing public utility arising from such default.

(12) Cumulative Remedies. Except in circumstances in which a remedy provided for in the power purchase agreement is described as a sole or exclusive remedy, the rights and remedies provided to the parties in the standard power purchase agreement are cumulative and not exclusive of any other rights or remedies of the parties.

STATUTORY/OTHER AUTHORITY: ORS 183, ORS 756, ORS 757, ORS 758

STATUTES/OTHER IMPLEMENTED: ORS 756.040, ORS 758.505-758.555

ADOPT: 860-029-0124

RULE TITLE: Coordination between Qualifying Facility and Public Utility under Standard Power Purchase Agreements

NOTICE FILED DATE: 11/23/2022

RULE SUMMARY: This rule sets forth requirements for purchasing utilities and qualifying facilities related to coordinating operations of a public utility and qualifying facility under a standard power purchase agreement.

RULE TEXT:

(1) Coordination with System. The qualifying facility's delivery of electricity to the purchasing public utility under a standard power purchase agreement must be at a voltage, phase, power factor, and frequency as reasonably specified by the purchasing public utility. The qualifying facility will furnish, install, operate, and maintain in good order and repair, and without cost to the purchasing public utility, such switching equipment, relays, locks and seals, breakers, automatic synchronizers, and other control and protective apparatus as required in the interconnection agreement or determined by the purchasing public utility to be reasonably necessary for the safe and reliable operation of the Facility in parallel with the System, or the qualifying facility may contract with the purchasing public utility to do so at the qualifying facility's expense. The purchasing public utility must at all times have access to all switching equipment capable of isolating the Facility from the System.

(2) Planned Outages in standard power purchase agreements:

(a) The qualifying facility must provide the purchasing public utility with an annual forecast of Planned Outages for each year of the purchase period at least one month, but no more than three months, before the first day of that year, and may update such Planned Outage forecast as necessary to comply with Prudent Electrical Practices. Any such update to the Planned Outage forecast must be promptly submitted to the purchasing public utility. Although the Planned Outage schedule should include predetermined outage duration, the outage may be extended when the original scope of work requires more time than originally scheduled, subject to notice of at least five days to the purchasing public utility when feasible.

(b) The purchasing public utility may specify in the power purchase agreement two calendar months in each year in which the qualifying facility may not schedule Planned Outages during times when motive force is available to generate and deliver Net Output from the Facility ("High Demand Months") except to the extent reasonably required to enable a vendor to satisfy a guarantee requirement. Failure to identify the High Demand Months in the power purchase agreement shall constitute waiver of the purchasing public utility's right to require Planned Outages to not occur in such months. The purchasing public utility may change either or both High Demand Months no less than 12 months prior to the first contract year for which the purchasing public utility intends to change the High Demand Month(s). Nothing in the power purchase agreement's provisions limiting Planned Outages during High Demand Months may prohibit a qualifying facility from conducting Planned Outages during High Demand Months at times when motive force is unavailable to generate and deliver energy.

(3) Maintenance Outages in standard power purchase agreements.

(a) If the qualifying facility reasonably determines that it is necessary to schedule a Maintenance Outage, the qualifying facility must notify the purchasing public utility of the proposed Maintenance Outage as soon as practicable but in any event at least five days before the outage begins. The qualifying facility must take all reasonable measures consistent with Prudent Electrical Practices to not schedule any Maintenance Outage during the High Demand Months identified by the purchasing public utility in accordance with subsection (2)(b.).

(b) Notice of a proposed Maintenance Outage by the qualifying facility must include the expected start date and time of the outage, the amount of generation capacity of the Facility that will not be available, and the expected completion date and time of the outage. The purchasing utility will promptly respond to such notice and may request reasonable modifications in the schedule for the outage. The qualifying facility must use all reasonable efforts to comply with any request to modify the schedule for a Maintenance Outage provided that such change has no substantial impact on the qualifying facility.

(c) Once the Maintenance Outage has commenced, the qualifying facility must keep the purchasing public utility

apprised of any changes in the generation capacity available from the Facility during the Maintenance Outage and any changes in the expected Maintenance Outage completion date and time. As soon as practicable, any notifications given orally must be confirmed in writing. Although the Notice of Proposed Maintenance Outage must include an expected completion date and time of the outage, the outage may be extended when the original scope of work requires more time than originally scheduled subject to notice of at least five days where feasible. The qualifying facility must take all reasonable measures consistent with Prudent Electrical Practices to minimize the frequency and duration of Maintenance Outages.

(4) Forced Outages in standard power purchase agreements. The qualifying facility must promptly notify the purchasing public utility orally, via telephone to a number specified by the public utility (or other method approved by the public utility), of any Forced Outage resulting in more than ten percent of the Nameplate Capacity Rating of the Facility being unavailable. This report from qualifying facility must include the amount of the generation capacity of the Facility that will not be available because of the Forced Outage and the expected return date of such generation capacity. The qualifying facility must promptly update the report as necessary to advise the purchasing public utility of changed circumstances. As soon as practicable, any oral report of a Forced Outage must be confirmed in writing to the purchasing public utility.

(5) Notice of Emergency Deratings and Outages in standard power purchase agreements. Notwithstanding the requirements of sections (2)-(4), the qualifying facility will inform the purchasing public utility, via telephone to a number specified by the purchasing public utility (or other method approved by public utility), of any limitations, restrictions, deratings or outages reasonably predicted by the qualifying facility to affect more than five percent of the Nameplate Capacity Rating of the Facility for the following day and will promptly update such notice to the extent of any material changes in this information.

STATUTORY/OTHER AUTHORITY: ORS 183, ORS 756, ORS 757, ORS 758

STATUTES/OTHER IMPLEMENTED: ORS 756.040, ORS 758.505-758.555