### **AMENDMENT**

### to that certain

#### POWER PURCHASE AGREEMENT

#### Between

### **Commercial Energy Management, Inc.**

### And

### **PacifiCorp**

This AMENDMENT (the "Amendment"), dated March 20, 2020, amends that certain POWER PURCHASE AGREEMENT between PacifiCorp, an Oregon corporation ("PacifiCorp"), and Commercial Energy Management, Inc., an Idaho corporation ("Seller"), dated November 21, 1991 (the "PPA"). Capitalized terms used but not defined in this Amendment shall have the meaning set forth in the PPA.

### BACKGROUND

- A. PacifiCorp and Seller entered into the PPA prior to PacifiCorp's separation of its energy supply and transmission functions as required by federal law and regulations. For this reason, the PPA includes provisions that address both energy sales and interconnection requirements.
- B. The PPA is scheduled to expire by its terms on May 31, 2020, and Seller has expressed a desire to continue to make sales from the Facility to PacifiCorp consistent with the requirements of the federal Public Utility Regulatory Policies Act ("PURPA"), as implemented in the State of Idaho.
- C. Seller has demonstrated to PacifiCorp that the Facility remains a "Qualifying Facility" as defined by PURPA and as implemented in the State of Idaho.
- D. Seller and PacifiCorp are in the process of securing a new stand-alone interconnection agreement that, once executed and all distribution system upgrades are constructed and in-service, will replace the interconnection provisions in the PPA.
- E. During the period that the necessary distribution system upgrades are being completed, PacifiCorp and Seller have agreed to a limited extension to the term of the PPA, with updated pricing for energy sales during the extended term of the PPA as described below.

### **AGREEMENT**

PacifiCorp and Seller agree as follows.

1. The last sentence of Section 2.1 of the PPA is amended and restated to read as follows:

"Unless terminated earlier pursuant to the terms of this Agreement, this Agreement shall expire upon the earlier of (i) the effective date of a new power purchase

agreement between PacifiCorp and Seller pertaining to the Facility; or (ii) March 1, 2021."

- 2. Notwithstanding any provision in the PPA to the contrary, for the period beginning June 1, 2020 through the end of the term of the Agreement, PacifiCorp shall pay Seller as provided in <u>Exhibit A</u> to this Amendment for the energy output of the Facility delivered to the Point of Delivery as adjusted for Losses.
- 3. Notwithstanding any provision in the PPA to the contrary, PacifiCorp shall not be responsible to purchase the output of the Facility during periods that the Facility is curtailed due to construction and completion of the distribution system upgrades called for in the final, new stand-alone interconnection agreement between Seller and PacifiCorp's transmission function.
- 4. This Amendment shall be effective once signed and delivered by both PacifiCorp and Seller and approved by the Idaho Public Utilities Commission.
- 5. All other terms and provisions of the PPA shall remain unchanged. Each party hereby ratifies and confirms that except as expressly amended hereby, all of the terms, conditions, covenants, representations, warranties and all other provisions of the Agreement remain in full force and effect.
- 6. This Amendment shall be governed by and construed in accordance with the laws of the State of Idaho (without reference to its choice of law doctrine).
- 7. This Amendment may be executed in multiple counterparts, each of which when so executed and delivered shall be deemed to be an original and all of which taken together shall constitute but one and the same instrument. Delivery of an executed counterpart of this Amendment by electronic transmission (in .pdf form) shall be equally as effective as delivery of a manually executed counterpart.

[signature page follows]

IN WITNESS WHEREOF, the parties below have caused this Amendment to be executed in their respective names.

# **PacifiCorp**

Bruce Griswold

By: 2020.03.20 12:33:49 -07'00'

Name: Bruce Griswold

Title: Director, Short-term Origination

Commercial Energy Management, Inc.

By:

Name: Maher F. Wissa

Title: President

# **EXHIBIT A**

# **Energy Rate**

**Energy Purchase Price** = Energy Annual Rate \* Monthly Peak Multiplier

**Table 1: Energy Annual Rates** 

	<b>Energy Annual Rate</b>
Year	\$/MWh
2020	\$55.66
2021	\$56.35

Table 2: Monthly On-Peak/Off-Peak Multipliers

Month	On-Peak Hours	Off-Peak Hours
January	103%	94%
February	105%	97%
March	95%	80%
April	95%	76%
May	92%	63%
June	94%	65%
July	121%	92%
August	121%	106%
September	109%	99%
October	115%	105%
November	110%	96%
December	129%	120%

# Where:

"Off-Peak Hours" means all hours that are not On-Peak Hours.

"On-Peak Hours" means all hours ending 07:00:00 through 22:00:00 MPT, Monday through Saturday, excluding NERC designated holidays.

### **AMENDMENT**

### to that certain

### NON-FIRM POWER PURCHASE AGREEMENT

### Between

Douglas County, Inc.

#### And

### **PacifiCorp**

This AMENDMENT (the "Amendment"), dated June [8], 2020 (the "Effective Date") amends that certain NON-FIRM POWER PURCHASE AGREEMENT (the "PPA"), dated July 21, 2015, between PacifiCorp, an Oregon corporation ("PacifiCorp"), and Douglas County, Inc., an Oregon Corporation (the "Seller"). Seller and PacifiCorp are referred to individually in this Amendment as a "Party" and collectively as the "Parties."

### **RECITALS**

- A. Seller owns, operates and maintains a biomass fueled steam boiler and cogeneration facility for the generation of electric power, including interconnection facilities, located at 398 Del Rio Road, Roseburg, Douglas County, Oregon, with a facility capacity rating of 6,250 kilowatts (kW);
  - B. the PPA between the Parties expires by its terms on July 31, 2020;
- C. Seller intends to continue to operate the Facility as a Qualifying Facility past July 31, 2020, and has requested to extend the term of the PPA; and
  - D. PacifiCorp has agreed to extend the term of the PPA.

### <u>AGREEMENT</u>

PacifiCorp and Seller agree to the following:

- 1. <u>Section 2.4</u> of the PPA is amended such that the Termination Date is July 31, 2025.
- 2. <u>Section 21.1</u> of the PPA is amended such that PacifiCorp's contact information shall be as follows:

Notices	PacifiCorp
All Notices	PacifiCorp
	825 NE Multnomah, Suite 600
	Portland, Oregon 97232-2315
	Attn: Contract Administration

Notices	PacifiCorp
	E-mail: cntadmin@pacificorp.com
	Duns: 00-790-9013
	Federal Tax ID Number: 93-0246090
All Invoices:	(same as street address above)
	Attn: Back Office, Suite 700
	Email: powerinvoices@pacificorp.com
Scheduling:	(same as street address above)
	Attn: Pre-Scheduling, Suite 600
	Phone: (503) 813-6090
	Email: ctpreschd@pacificorp.com
Payments:	(same as street address above)
	Attn: Central Cashiers Office, Suite 550
	Phone: (503) 813-6826
Wire Transfer:	To be provided in separate letter from
	PacifiCorp to Seller
Credit and	(same as street address above)
Collections:	Attn: Credit Manager, Suite 600
	Phone (503) 813-7280
	Facsimile: (503) 813-5609
With Additional	PacifiCorp Legal Department
Notices of an Event of	825 NE Multnomah, Suite 2000
Default or Potential	Portland, Oregon 97232-2315
Event of Default to:	Attn: Assistant General Counsel

- 3. Exhibit G of the PPA is amended such that it is replaced in its entirety with Oregon Standard Avoided Cost Rates Procedure as in effect on the Effective Date of this Amendment, as attached as Attachment A to this Amendment. The PPA is further amended, as of the Effective Date of this Amendment, such that all references in the PPA to "Schedule 37" (including the defined term in Section 1.27 of the PPA) shall be deleted and replaced with the following: "Oregon Standard Avoided Cost Rates Procedure."
- 4. All other terms and provisions of the PPA shall remain unchanged. Each Party hereby ratifies and confirms that except as expressly amended hereby, all of the terms, conditions, covenants, representations, warranties and all other provisions of the PPA remain in full force and effect.
- 5. Capitalized terms used but not defined in this Amendment shall have the meaning set forth in the PPA.

- This Amendment shall be governed by and construed in accordance with the laws 6. of the State of Oregon (without reference to its choice of law doctrine).
- 7. This Amendment may be executed in any number of counterparts and by different parties hereto in separate counterparts, each of which when so executed and delivered shall be deemed to be an original and all of which taken together shall constitute but one and the same instrument. Delivery of an executed counterpart of this Amendment by electronic transmission (in pdf form) shall be equally as effective as delivery of a manually executed counterpart.

IN WITNESS WHEREOF, the parties below have caused this Amendment to be executed in their respective names.

# **PacifiCorp**

Bruce Griswold Date: 2020.06.29 13:14:45 -07'00'

Name: Bruce Griswold

Title: Short-term Origination

and QF Contracts, Director

Douglas County, I

Name: Richard Mathews Title: General Manager

# ATTACHMENT A

Oregon Standard Avoided Cost Rate Schedule

### **AMENDMENT**

### to that certain

### POWER PURCHASE AGREEMENT

Between

J Bar 9 LLC

And

### **PacifiCorp**

This AMENDMENT (the "Amendment"), dated October 12, 2020 (the "Effective Date"), amends that certain POWER PURCHASE AGREEMENT (the "PPA"), dated November 1, 2018, between PacifiCorp, an Oregon corporation ("PacifiCorp"), and J Bar 9 LLC, a Wyoming corporation "Seller"). Seller and PacifiCorp are referred to individually in this Amendment as a "Party" and collectively as the "Parties."

### **RECITALS**

- A. Seller owns, operates and maintains a wind-powered generating facility for the generation of electric power, including interconnection facilities, located in Park County, Wyoming, with a facility capacity rating of 100 kilowatts (kW);
  - B. the PPA between the Parties currently expires by its terms on October 31, 2020;
- C. Seller intends to continue to operate the Facility as a Qualifying Facility past October 31, 2020, and has requested to extend the term of the PPA; and
- D. PacifiCorp has agreed to extend the term of the PPA at wind QF non-firm energy prices, as provided in PacifiCorp's Wyoming Schedule 37.

### **AGREEMENT**

PacifiCorp and Seller agree to the following:

- 1. <u>Section 2.1</u> of the PPA is amended such that "October 31, 2020" is replaced with "October 31, 2025."
- 2. All other terms and provisions of the PPA shall remain unchanged. Each Party hereby ratifies and confirms that except as expressly amended hereby, all of the terms, conditions, covenants, representations, warranties and all other provisions of the PPA remain in full force and effect.

- 3. Capitalized terms used but not defined in this Amendment shall have the meaning set forth in the PPA.
- 4. This Amendment shall be governed by and construed in accordance with the laws of the State of Wyoming (without reference to its choice of law doctrine).
- 5. This Amendment may be executed in any number of counterparts and by different parties hereto in separate counterparts, each of which when so executed and delivered shall be deemed to be an original and all of which taken together shall constitute but one and the same instrument. Delivery of an executed counterpart of this Amendment by electronic transmission (in .pdf form) shall be equally as effective as delivery of a manually executed counterpart.

[signature page follows]

IN WITNESS WHEREOF, the parties below have caused this Amendment to be executed in their respective names.

**PacifiCorp** 

By: Bruce Griswold Digitally signed by Bruce Griswold Date: 2020.10.12 12:35:25-07'00'

Name: B<sub>ruce</sub> Griswold
Title: Director Short-term Origination

J Bar 9 LLC

### SECOND AMENDMENT

### to that certain

### POWER PURCHASE AGREEMENT

Between

**Loyd Fery** 

And

**PacifiCorp** 

This AMENDMENT (the "Second Amendment"), effective May 26, 2020, amends that certain POWER PURCHASE AGREEMENT (the "PPA") between PacifiCorp, an Oregon corporation ("PacifiCorp"), and Loyd Fery, an individual residing in Aumsville, Oregon (the "Seller"), dated June 7, 2018, and as amended April 24, 2019 (the "First Amendment"). Seller and PacifiCorp are referred to individually in this Second Amendment as a "Party" and collectively as the "Parties."

### RECITALS

- A. Seller owns, operates and maintains a small hydroelectric facility for the generation of electric power, including interconnection facilities, located in Aumsville, Marion County, Oregon with a facility capacity rating of 65 kilowatts (kW);
- B. the PPA, as amended by the First Amendment, expires by its terms on June 30, 2020;
- C. Seller intends to continue to operate the Facility as a Qualifying Facility past June 30, 2020, and has requested to further extend the term of the PPA, and
- D. PacifiCorp has agreed to further extend the term of the PPA at the updated Oregon Standard Offer Schedule.

### **AGREEMENT**

PacifiCorp and Seller agree to the following:

- Section 2.4 of the PPA is amended such that the Termination Date is June 30, 2021.
- 2. For the period beginning July 1, 2020, and ending on the Termination Date, PacifiCorp shall pay Seller the applicable On-Peak and Off-Peak rates specified in **Attachment A** of this Second Amendment which shall, as of July 1, 2020, replace **Exhibit F** to the PPA in its entirety.

- All other terms and provisions of the PPA shall remain unchanged. Each Party hereby ratifies and confirms that except as expressly amended hereby, all of the terms, conditions, covenants, representations, warranties and all other provisions of the PPA remain in full force and effect.
- 4. Capitalized terms used but not defined in this Second Amendment shall have the meaning set forth in the PPA.
- 5. This Second Amendment shall be governed by and construed in accordance with the laws of the State of Oregon (without reference to its choice of law doctrine).
- 6. This Second Amendment may be executed in any number of counterparts and by different parties hereto in separate counterparts, each of which when so executed and delivered shall be deemed to be an original and all of which taken together shall constitute but one and the same instrument. Delivery of an executed counterpart of this Second Amendment by electronic transmission (in pdf form) shall be equally as effective as delivery of a manually executed counterpart.

[signature page follows]

IN WITNESS WHEREOF, the parties below have caused this Second Amendment to be executed in their respective names.

**PacifiCorp** 

Bruce Griswold Digitally signed by Bruce Griswold Date: 2020.05.26 14:14:41 -07'00'

By: Name: Bruce Griswold

Title: Short-term Origination, Director

By: Joyd Fery

3

# ATTACHMENT A

# **EXHIBIT F TO PPA**

# OREGON STANDARD OFFER SCHDULE AND PRICING SUMMARY TABLE

Effective on and following July 1, 2020

Calendar Year	On-Peak Contract Price in ¢/kWh	Off-Peak Contract Price in ¢/kWh
2020	3.15	2.20
2021	3.18	2.41

### POWER PURCHASE AGREEMENT

### **BETWEEN**

# **ORCHARD WINDFARM 1, LLC**

[a new Firm Qualifying Facility with 10,000 kW Facility Capacity Rating, or Less and an Intermittent Resource with Mechanical Availability Guarantee]

### **AND**

# **PACIFICORP**

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ALGORITHM FOR THE MORROW PROJECTS

### POWER PURCHASE AGREEMENT

THIS POWER PURCHASE AGREEMENT, entered into this day of the pacific Power & Light Company), an Oregon corporation acting in its regulated utility capacity, "Pacific Power & Light Company), are referred to individually as a "Party" or collectively as the "Parties").

### **RECITALS**

- A. Seller intends to construct, own, operate and maintain a wind generation facility for the generation of electric power, including interconnection facilities, located in Morrow County and/or Umatilla County, Oregon with a Facility Capacity Rating of 10,000 kilowatts (kW) as further described in **Exhibit A** and **Exhibit B** ("Facility"); and
- B. Seller intends to commence delivery of Net Output under this Agreement, for the purpose of Start-up Testing, on October 1, 2019 ("Scheduled Initial Delivery Date"); and
- C. Seller intends to operate the Facility as a Qualifying Facility, commencing commercial operations on October 1, 2020 ("Scheduled Commercial Operation Date") which shall be established as no later than three years after Effective Date subject to Section 2.3; and
- D. Seller estimates that the average annual Net Energy to be delivered by the Facility to PacifiCorp is 29,210,000 kilowatt-hours (kWh), which amount of energy PacifiCorp will include in its resource planning; and
- E. Seller shall (choose one) ⊠ sell all Net Output to PacifiCorp and purchase its full electric requirements from PacifiCorp □ sell Net Output surplus to its needs at the Facility site to PacifiCorp and purchase partial electric requirements service from PacifiCorp, in accordance with the terms and conditions of this Agreement; and
- F. This Agreement is a "New QF Contract" under the PacifiCorp Inter-Jurisdictional Cost Allocation Protocol in effect on the Effective Date.

### **AGREEMENT**

NOW, THEREFORE, the Parties mutually agree as follows:

# **Section 1: DEFINITIONS**

When used in this Agreement, the following terms shall have the following meanings:

- 1.1 "As-built Supplement" shall be a supplement to Exhibit A and Exhibit B, provided by Seller following completion of construction of the Facility, describing the Facility as actually built.
- 1.2 "Availability" means the percentage of time that the Facility is capable of producing Net Energy during a Contract Year. The percentage of time during a Contract Year that the Facility is available to produce power is calculated as follows:

# % Availability ={ $[(H \times N)-(Sum \text{ of Downtime Hrs for N Turbines})]/(H \times N)} \times 100\%$

where H is the number of hours in the Contract Year and N is the number of turbines comprising the Facility. Downtime Hours (calculated in 10 minute increments), for each individual unit includes minutes in which the unit is not in "run" status, or is in "run" status but faulted (including any delay in resetting a fault). Notwithstanding the previous sentence, Downtime Hours does not include minutes that a unit is unavailable due to (i) an event of Force Majeure; (ii) a default by PacifiCorp under this Agreement; (iii) Lack of Motive Force at times when the Facility would otherwise be available (including the normal amount of time required by the generating equipment to resume operations following a Lack of Motive Force); or (iv) outages scheduled at least 90 days in advance with PacifiCorp's written consent, up to 200 hours per unit per year.

- 1.3 "Average Annual Generation" shall have the meaning set forth in Section 4.2.
- 1.4 "Billing Period" means, unless otherwise agreed to, the time period between PacifiCorp's consecutive readings of its power purchase billing meter at the Facility in the normal course of PacifiCorp's business. Such periods typically range between twenty-seven (27) and thirty-four (34) days and may not coincide with calendar months.
- 1.5 "CAMD" means the Clean Air Markets Division of the Environmental Protection Agency or successor administrator, or any state or federal entity given jurisdiction over a program involving transferability of Green Tags.
- 1.6 "Commercial Operation Date" means the date that the Facility is deemed by PacifiCorp to be fully operational and reliable, which shall require, among other things, that all of the following events have occurred:
  - 1.6.1 PacifiCorp has received a certificate addressed to PacifiCorp from a Licensed Professional Engineer stating (a) the Facility Capacity Rating of the Facility at the anticipated Commercial Operation Date; and (b) that the

Facility is able to generate electric power reliably in amounts required by this Agreement and in accordance with all other terms and conditions of this Agreement;

- 1.6.2 The Facility has completed Start-Up Testing;
- 1.6.3 PacifiCorp has received a certificate addressed to PacifiCorp from a Licensed Professional Engineer stating that, (a), in accordance with the Generation Interconnection Agreement, all required interconnection facilities and metering have been constructed, all required interconnection tests have been completed and the Facility is physically interconnected with PacifiCorp's electric system, and (b) if the Facility consists of multiple wind generation facilities on a common transmission line, the required metering equipment has been completed and tested in conformance with Section 8 of this Agreement (or if the Facility is interconnected with another electric utility that will wheel Net Output to PacifiCorp, all required interconnection facilities and metering equipment have been completed and tested and are in place to allow for such wheeling);
- 1.6.4 PacifiCorp has received a certificate addressed to PacifiCorp from an attorney in good standing in the State of Oregon stating that Seller has obtained all Required Facility Documents and if requested by PacifiCorp, in writing, has provided copies of any or all such requested Required Facility Documents. (Facilities over 200 kW only).
- 1.6.5 Seller has complied with the security requirements of Section 10.
- 1.6.6 PacifiCorp has received an executed copy of **Exhibit F**—Seller's Interconnection Request.
- 1.7 "Commission" means the Oregon Public Utilities Commission.
- 1.8 "Contract Price" means the applicable price for capacity or energy, or both capacity and energy, stated in Sections 5.1, 5.2, and 5.3.
- 1.9 "Contract Year" means a twelve (12)- month period commencing at 00:00 hours Pacific Prevailing Time ("PPT") on January 1 and ending on 24:00 hours PPT on December 31; provided, however, that the first Contract Year shall commence on the Commercial Operation Date and end on the next succeeding December 31, and the last Contract Year shall end on the Termination Date.
- 1.10 "Credit Requirements" means a long-term credit rating (corporate or long-term senior unsecured debt) of (1) "Baa3" or greater by Moody's, or (2) "BBB-" or greater by S&P, or such other indicia of creditworthiness acceptable to PacifiCorp in its reasonable judgment.
- 1.11 "Cut-in Speed" means the wind speed at which a stationary wind turbine begins producing Net Energy, as specified by the turbine manufacturer, and set forth in Exhibit A.

- 1.12 "Default Security", unless otherwise agreed to by the Parties in writing, means the amount of either a Letter of Credit or cash placed in an escrow account sufficient to replace twelve (12) average months of replacement power costs over the term of this Agreement, and shall be calculated by taking the average, over the term of this Agreement, of the positive difference between (a) the monthly forward power prices at Mid-C (as determined by PacifiCorp in good faith using information from a commercially reasonable independent source), multiplied by 110%, minus (b) the average of the Fixed Avoided Cost Prices specified in Schedule 37, and multiplying such difference by (c) 25% of the Average Annual Generation provided, however, the amount of Default Security shall in no event be less than the amount equal to the payments PacifiCorp would make for three (3) average months based on Seller's average monthly volume over the term of this Agreement and utilizing the average Fixed Avoided Cost Prices specified in Schedule 37. Such amount shall be fixed at the Effective Date of this Agreement.
  - 1.13 "Effective Date" shall have the meaning set forth in Section 2.1.
  - 1.14 "Energy Delivery Schedule" shall have the meaning set forth in Section 4.4.
- 1.15 "Environmental Attributes" shall mean any and all claims, credits, benefits, emissions reductions, offsets, and allowances, howsoever entitled, resulting from the avoidance of the emission of any gas, chemical, or other substance to the air, soil or water. Environmental Attributes include but are not limited to: (1) any avoided emissions of pollutants to the air, soil, or water such as (subject to the foregoing) sulfur oxides (SOx), nitrogen oxides (NOx), carbon monoxide (CO), and other pollutants; and (2) any avoided emissions of carbon dioxide (CO2), methane (CH4), and other greenhouse gases (GHGs) that have been determined by the United Nations Intergovernmental Panel on Climate Change to contribute to the actual or potential threat of altering the Earth's climate by trapping heat in the atmosphere.
- 1.16 "Excess Output" shall mean any increment of Net Output delivered at a rate, on an hourly basis, exceeding the Facility Capacity Rating.
  - 1.17 "Facility" shall have the meaning set forth in Recital A.
- 1.18 "Facility Capacity Rating" means the sum of the Nameplate Capacity Ratings for all generators comprising the Facility.
  - 1.19 "FERC" means the Federal Energy Regulatory Commission, or its successor.
- 1.20 "Mechanical Availability Guarantee" shall have the meaning set forth in Section 4.3.1.
- 1.21 "Generation Interconnection Agreement" means the generation interconnection agreement to be entered into separately between Seller and PacifiCorp's transmission or distribution department, as applicable, providing for the construction, operation, and maintenance of PacifiCorp's interconnection facilities required to accommodate deliveries of Seller's Net Output if the Facility is to be interconnected directly with PacifiCorp rather than another electric utility.

- 1.22 "Green Tags" means (1) the Environmental Attributes associated with all Net Output, together with (2) all WREGIS Certificates; and (3) the Green Tag Reporting Rights associated with such energy, Environmental Attributes and WREGIS Certificates, however commercially transferred or traded under any or other product names, such as "Renewable Energy Credits," "Green-e Certified", or otherwise. One (1) Green Tag represents the Environmental Attributes made available by the generation of one (1) MWh of energy from the Facility. Provided however, that "Green Tags" do not include Environmental Attributes that are greenhouse gas offsets from methane capture not associated with the generation of electricity and not needed to ensure that there are zero net emissions associated with the generation of electricity.
- 1.23 "Green Tag Reporting Rights" means the exclusive right of a purchaser of Green Tags to report exclusive ownership of Green Tags in compliance with federal or state law, if applicable, and to federal or state agencies or other parties at such purchaser's discretion, and include reporting under Section 1605(b) of the Energy Policy Act of 1992, or under any present or future domestic, international, or foreign emissions trading program or renewable portfolio standard.
- 1.24 "Lack of Motive Force" means temporary lack, due to natural causes, of: sunlight (for a solar powered facility), water (for a hydropower facility), current or wave amplitude (for a wave energy facility), or Sufficient Wind (for a wind turbine facility). Lack of Motive Force does not include lack of any motive force due to voluntary actions taken by Seller (e.g. lease or sale of water rights).
- 1.25 "Letter of Credit" means an irrevocable standby letter of credit, from an institution that has a long-term senior unsecured debt rating of "A" or greater from S&P or "A2" or greater from Moody's, in a form reasonably acceptable to PacifiCorp, naming PacifiCorp as the party entitled to demand payment and present draw requests thereunder.
- 1.26 "Licensed Professional Engineer" means a person acceptable to PacifiCorp in its reasonable judgment who is licensed to practice engineering in the state of Oregon, who has no economic relationship, association, or nexus with the Seller, and who is not a representative of a consulting engineer, contractor, designer or other individual involved in the development of the Facility, or of a manufacturer or supplier of any equipment installed in the Facility. Such Licensed Professional Engineer shall be licensed in an appropriate engineering discipline for the required certification being made.
- 1.27 "Material Adverse Change" means the occurrence of any event of default under any material agreement to which Seller is a party and of any other development, financial or otherwise, which would have a material adverse effect on Seller, the Facility or Seller's ability to develop, construct, operate, maintain or own the Facility as provided in this Agreement.
- 1.28 "Nameplate Capacity Rating" means the full-load electrical quantities assigned by the designer to a generator and its prime mover or other piece of electrical equipment, such as transformers and circuit breakers, under standardized conditions, expressed in amperes, kilovoltamperes, kilowatts, volts, or other appropriate units. Usually indicated on a nameplate attached to the individual machine or device.

- 1.29 "Net Energy" means the energy component, in kWh, of Net Output.
- 1.30 "Net Output" means all energy and capacity produced by the Facility, less station use and less transformation and transmission losses and other adjustments (e.g., Seller's load other than station use), if any. For purposes of calculating payment under this Agreement, Net Output of energy shall be the amount of energy flowing through the Point of Delivery.
- 1.31 "Net Replacement Power Costs" shall have the meaning set forth in Section 11.4.1.
  - 1.32 "Off-Peak Hours" means all hours of the week that are not On-Peak Hours.
- 1.33 "On-Peak Hours" means the hours between 6 a.m. Pacific Prevailing Time ("PPT") and 10 p.m. PPT, Mondays through Saturdays, excluding all hours occurring on holidays as provided in Schedule 37.
  - 1.34 "Output Shortfall" shall have the meaning set forth in Section 4.3.2
- 1.35 "Point of Delivery" means the high side of the Seller's step-up transformer(s) located at the point of interconnection between the Facility and PacifiCorp's distribution/transmission system, as specified in the Generation Interconnection Agreement, or, if the Facility is not interconnected directly with PacifiCorp, the point at which another utility will deliver the Net Output to PacifiCorp as specified in Exhibit B.
- 1.36 "Prime Rate" means the publicly announced prime rate for commercial loans to large businesses with the highest credit rating in the United States in effect from time to time quoted by Citibank, N.A. If a Citibank, N.A. prime rate is not available, the applicable Prime Rate shall be the announced prime rate for commercial loans in effect from time to time quoted by a bank with \$10 billion or more in assets in New York City, New York, selected by the Party to whom interest based on the Prime Rate is being paid.
- 1.37 "Prudent Electrical Practices" means any of the practices, methods and acts engaged in or approved by a significant portion of the electrical utility industry or any of the practices, methods or acts, which, in the exercise of reasonable judgment in the light of the facts known at the time a decision is made, could have been expected to accomplish the desired result at the lowest reasonable cost consistent with reliability, safety and expedition. Prudent Electrical Practices is not intended to be limited to the optimum practice, method or act to the exclusion of all others, but rather to be a spectrum of possible practices, methods or acts.
- 1.38 "QF" means "Qualifying Facility," as that term is defined in the FERC regulations (codified at 18 CFR Part 292) in effect on the Effective Date.
- 1.39 "Renewable Resource Deficiency Period" means the period from January 1, 2024 through the Termination Date.
- 1.40 "Renewable Resource Sufficiency Period" means the period from Initial Delivery Date through December 31, 2023.

- 1.41 "Replacement Price" means the price at which PacifiCorp, acting in a commercially reasonable manner, purchases for delivery at the Point of Delivery a replacement for any Net Output that Seller is required to deliver under this Agreement plus (i) costs reasonably incurred by PacifiCorp in purchasing such replacement Net Output, and (ii) additional transmission charges, if any, reasonably incurred by PacifiCorp in causing replacement energy to be delivered to the Point of Delivery. If PacifiCorp elects not to make such a purchase, the Replacement Price shall be the market price at the Mid-Columbia trading hub for such energy not delivered, plus any additional cost or expense incurred as a result of Seller's failure to deliver, as determined by PacifiCorp in a commercially reasonable manner (but not including any penalties, ratcheted demand or similar charges).
- 1.42 "Required Facility Documents" means all licenses, permits, authorizations, and agreements, including a Generation Interconnection Agreement or equivalent, necessary for construction, operation, and maintenance of the Facility consistent with the terms of this Agreement, including without limitation those set forth in Exhibit C.
- 1.43 "Schedule 37" means the Schedule 37 of Pacific Power & Light Company's Commission-approved tariffs, providing pricing options for Qualifying Facilities of 10,000 kW or less, which is in effect on the Effective Date of this Agreement. A copy of that Schedule 37 is attached as **Exhibit G**.
- 1.44 "Scheduled Commercial Operation Date" shall have the meaning set forth in Recital C.
  - 1.45 "Scheduled Initial Delivery Date" shall have the meaning set forth in Recital B.
- 1.46 "Start-Up Testing" means the completion of required factory and start-up tests as set forth in Exhibit E hereto.
- 1.47 "Sufficient Wind" means any hour during which the average wind speed is equal to or greater than the manufacturer's rated Cut-in Speed for the wind turbines comprising the Facility.
  - 1.48 "Termination Date" shall have the meaning set forth in Section 2.4.
- 1.49 "WREGIS" means the Western Renewable Energy Generation Information System or successor organization in case WREGIS is ever replaced.
- 1.50 "WREGIS Certificate" means "Certificate" as defined by WREGIS in the WREGIS Operating Rules dated July 15, 2013.
- 1.51 "WREGIS Operating Rules" means the operating rules and requirements adopted by WREGIS, dated July 15, 2013.

# Section 2: TERM; COMMERCIAL OPERATION DATE

- 2.1 This Agreement shall become effective after execution by both Parties ("Effective Date").
- 2.2 **Time is of the essence for this Agreement,** and Seller's ability to meet certain requirements prior to the Commercial Operation Date and to deliver Net Output by the Scheduled Commercial Operation Date is critically important. Therefore,
  - 2.2.1 By September 1, 2016, Seller shall provide PacifiCorp with a copy of an executed Generation Interconnection Agreement, or wheeling agreement, as applicable, which shall be consistent with all material terms and requirements of this Agreement.
  - 2.2.2 Upon completion of construction, Seller, in accordance with Section 6.1, shall provide PacifiCorp with an As-built Supplement acceptable to PacifiCorp;
  - 2.2.3 By the date thirty (30) days after the Effective Date, Seller shall provide Default Security required under Sections 10.1 or 10.2, as applicable.
- 2.3 Seller shall cause the Facility to achieve Commercial Operation on or before the Scheduled Commercial Operation Date. Seller shall have the option to propose a Scheduled Commercial Operation Date beyond three years from the Effective Date. Unless Seller and PacifiCorp agree in writing that a later Scheduled Commercial Operation Date is reasonable and necessary, the Scheduled Commercial Operation Date shall be no more than three years from the date the Effective Date. PacifiCorp will not unreasonably withhold its agreement that a Scheduled Commercial Operation Date beyond the three-year period is reasonable and necessary. If Commercial Operation occurs after the Scheduled Commercial Operation Date, Seller shall be in default, and liable for delay damages specified in Section 11.
- 2.4 Except as otherwise provided herein, this Agreement shall terminate on June 30, 2039 [enter Date that is no later than 20 years after the Scheduled Initial Delivery Date] ("Termination Date").

### **Section 3: REPRESENTATIONS AND WARRANTIES**

- 3.1 PacifiCorp represents, covenants, and warrants to Seller that:
  - 3.1.1 PacifiCorp is duly organized and validly existing under the laws of the State of Oregon.
  - 3.1.2 PacifiCorp has the requisite corporate power and authority to enter into this Agreement and to perform according to the terms of this Agreement.

- 3.1.3 PacifiCorp has taken all corporate actions required to be taken by it to authorize the execution, delivery and performance of this Agreement and the consummation of the transactions contemplated hereby.
- 3.1.4 The execution and delivery of this Agreement does not contravene any provision of, or constitute a default under, any indenture, mortgage, or other material agreement binding on PacifiCorp or any valid order of any court, or any regulatory agency or other body having authority to which PacifiCorp is subject.
- 3.1.5 This Agreement is a valid and legally binding obligation of PacifiCorp, enforceable against PacifiCorp in accordance with its terms (except as the enforceability of this Agreement may be limited by bankruptcy, insolvency, bank moratorium or similar laws affecting creditors' rights generally and laws restricting the availability of equitable remedies and except as the enforceability of this Agreement may be subject to general principles of equity, whether or not such enforceability is considered in a proceeding at equity or in law).
- 3.2 Seller represents, covenants, and warrants to PacifiCorp that:
  - 3.2.1 Seller is a limited liability company duly organized and validly existing under the laws of Oregon.
  - 3.2.2 Seller has the requisite power and authority to enter into this Agreement and to perform according to the terms hereof, including all required regulatory authority to make wholesale sales from the Facility.
  - 3.2.3 Seller has taken all actions required to authorize the execution, delivery and performance of this Agreement and the consummation of the transactions contemplated hereby.
  - 3.2.4 The execution and delivery of this Agreement does not contravene any provision of, or constitute a default under, any indenture, mortgage, or other material agreement binding on Seller or any valid order of any court, or any regulatory agency or other body having authority to which Seller is subject.
  - 3.2.5 This Agreement is a valid and legally binding obligation of Seller, enforceable against Seller in accordance with its terms (except as the enforceability of this Agreement may be limited by bankruptcy, insolvency, bank moratorium or similar laws affecting creditors' rights generally and laws restricting the availability of equitable remedies and except as the enforceability of this Agreement may be subject to general principles of equity, whether or not such enforceability is considered in a proceeding at equity or in law).

- 3.2.6 The Facility is and shall for the term of this Agreement continue to be a OF, and Seller will operate the Facility in a manner consistent with its FERC QF certification. Seller has provided to PacifiCorp the appropriate OF certification (which may include a FERC self-certification) prior to PacifiCorp's execution of this Agreement. At any time during the term of this Agreement, PacifiCorp may require Seller to provide PacifiCorp with evidence satisfactory to PacifiCorp in its reasonable discretion that the Facility continues to qualify as a QF under all applicable requirements and, if PacifiCorp is not satisfied that the Facility qualifies for such status, a written legal opinion from an attorney who is (a) in good standing in the state of Oregon, and (b) who has no economic relationship, association or nexus with the Seller or the Facility, stating that the Facility is a QF and providing sufficient proof (including copies of all documents and data as PacifiCorp may request) demonstrating that Seller has maintained and will continue to maintain the Facility as a OF.
- Compliance with Ownership Requirements in Commission Proceedings 3.2.7 No. UM 1129 and UM 1610. Seller will not make any changes in its ownership, control, or management during the term of this Agreement that would cause it to not be in compliance with the definition of a Small Cogeneration Facility or Small Power Production Facility provided in PacifiCorp's Schedule 37 tariff approved by the Commission at the time this Agreement is executed. Seller will provide, upon request by PacifiCorp not more frequently than every 36 months, such documentation and information as reasonably may be required to establish Seller's continued compliance with such Definition. PacifiCorp agrees to take reasonable steps to maintain the confidentiality of any portion of the above-described documentation and information that the Seller identifies as confidential except PacifiCorp will provide all such confidential information the Public Utility Commission of Oregon upon the Commission's request. These ownership requirements, as well as the dispute resolution provision governing any disputes over a QF's entitlement to the standard rates and standard contract with respect to the requirements, are detailed in Schedule 37.
- 3.2.8 Additional Seller Creditworthiness Warranties. Seller need not post security under Section 10 for PacifiCorp's benefit in the event of Seller default, provided that Seller warrants all of the following:
  - (a) Neither the Seller nor any of its principal equity owners is or has within the past two (2) years been the debtor in any bankruptcy proceeding, is unable to pay its bills in the ordinary course of its business, or is the subject of any legal or regulatory action, the result of which could reasonably be expected to impair Seller's ability to own and operate the Facility in accordance with the terms of this Agreement.

- (b) Seller has not at any time defaulted in any of its payment obligations for electricity purchased from PacifiCorp.
- (c) Seller is not in default under any of its other agreements and is current on all of its financial obligations, including construction related financial obligations.
- (d) Seller owns, and will continue to own for the term of this Agreement, all right, title and interest in and to the Facility, free and clear of all liens and encumbrances other than liens and encumbrances related to third-party financing of the Facility.
- (e) [Applicable only to Seller's with a Facility having a Facility Capacity Rating greater than 3,000 kW] Seller meets the Credit Requirements.

Seller affirms and adopts all warranties of this Section 3.2.8, and therefore is not required to post security under Section 10; or

Seller does not affirm and adopt all warranties of this Section 3.2.8, and therefore Seller elects to post the security specified in Section 10.

3.3 Notice. If at any time during this Agreement, any Party obtains actual knowledge of any event or information which would have caused any of the representations and warranties in this Section 3 to have been materially untrue or misleading when made, such Party shall provide the other Party with written notice of the event or information, the representations and warranties affected, and the action, if any, which such Party intends to take to make the representations and warranties true and correct. The notice required pursuant to this Section shall be given as soon as practicable after the occurrence of each such event.

Seller hereby declares (Seller initial one only):

# Section 4: <u>DELIVERY OF POWER AND PERFORMANCE GUARANTEE</u>

- 4.1 Commencing on the Commercial Operation Date, unless otherwise provided herein, Seller will sell and PacifiCorp will purchase (a) all Net Output from the Facility delivered to the Point of Delivery and (b) all Green Tags associated with the output or otherwise resulting from the generation of energy by the Facility (which shall come from the Facility and from no other source), for the periods during which the Green Tags are required to be transferred to PacifiCorp under the terms of Section 5.5.
- 4.2 Average Annual Generation. Seller estimates that the Facility will generate, on average, 29,210,000 kWh per Contract Year ("Average Annual Generation"). Seller may, upon at least six months prior written notice, modify the Average Annual Generation every other Contract Year.

### 4.3 Performance Guaranty.

- 4.3.1 Mechanical Availability Guarantee. Seller guarantees that the annual Availability of the Facility (the "Mechanical Availability Guarantee") for (i) the first Contract Year shall be no less than 0.80, and (ii) for the second Contract Year shall be no less than 0.85. Beginning with the third Contract Year and for each Contract Year thereafter, the Mechanical Availability Guarantee for each Contract Year shall be 0.90, with such annual Availability to be calculated for purposes of this Section 4.3.1 for each Contract Year. Seller shall pay PacifiCorp liquidated damages under Section 11.4.1 if the Availability in any given Contract Year falls below the Mechanical Availability Guarantee for the Contract Year.
- 4.4 Energy Delivery Schedule. Seller has provided a monthly schedule of Net Energy expected to be delivered by the Facility ("Energy Delivery Schedule"), incorporated into Exhibit D.
- Transfer of Title to Green Tags; Documentation of Green Tags Transfers. Subject 4.5 to the Green Tags ownership as defined in Section 5.5, title to the Green Tags shall pass from Seller to PacifiCorp immediately upon the generation of the Net Output at the Facility that gives rise to such Green Tags. The Parties shall execute all additional documents and instruments reasonably requested by PacifiCorp in order to further document the transfer of the Green Tags to PacifiCorp or its designees. Without limiting the generality of the foregoing, Seller shall, on or before the 10th day of each month, deliver to PacifiCorp a Green Tags Attestation and Bill of Sale in the form attached as Exhibit H for all Green Tags delivered to PacifiCorp hereunder in the preceding month, along with any attestation that is then-current with the Center for Resource Solution's Green-e program or successor organization in case the Center for Resource Solutions is replaced by another party over the life of the contract. Seller, at its own cost and expense. shall register with, pay all fees required by, and comply with, all reporting and other requirements of WREGIS relating to the Facility or Green Tags, except that when Seller is required to transfer Green Tags to PacifiCorp under Section 5.5, PacifiCorp will pay all fees required by WREGIS relating to the Green Tags. Seller shall ensure that the Facility will participate in and comply with, during the Term, all aspects of WREGIS. Seller will use WREGIS as required pursuant to the WREGIS Operating Rules to effectuate the transfer of WREGIS Certificates to PacifiCorp, and transfer such WREGIS Certificates to PacifiCorp, in accordance with WREGIS reporting protocols and WREGIS Operating Rules. Seller may either elect to enter into a Qualified Reporting Entity Services Agreement with PacifiCorp in a form approved by PacifiCorp, enter into a Qualified Reporting Entity Services Agreement with a third-party authorized to act as a Qualified Reporting Entity, or elect to act as its own WREGIS-Seller shall promptly give PacifiCorp copies of all defined Qualified Reporting Entity. documentation it submits to WREGIS. Further, in the event of the promulgation of a scheme involving Green Tags administered by CAMD, upon notification by CAMD that any transfer contemplated by this Agreement will not be recorded, the Parties shall promptly cooperate in taking all reasonable actions necessary so that such transfers can be recorded. Seller shall not report under Section 1605(b) of the Energy Policy Act of 1992 or under any applicable program that any of the Green Tags purchased by PacifiCorp hereunder belong to any person other than Without limiting the generality of PacifiCorp's ownership of the Green Tag

Reporting Rights, PacifiCorp may report under such program that such Green Tags purchased hereunder belong to it. Each Party shall promptly give the other Party copies of all documents it submits to the CAMD to effectuate any transfer. Seller shall reasonably cooperate in any registration by PacifiCorp of the Facility in the renewable portfolio standard or equivalent program in all such further states and programs in which PacifiCorp may wish to register or maintain registration of the Facility by providing copies of all such information as PacifiCorp reasonably required for such registration.

## **Section 5: PURCHASE PRICES**

5.1 Seller shall have the option to select one of three pricing options: Standard Fixed Avoided Cost Prices ("Fixed Price Standard"), Renewable Fixed Avoided Cost Prices ("Fixed Price Renewable"), or Firm Market Indexed Avoided Cost Prices ("Firm Electric Market"), as published in Schedule 37. Once an option is selected the option will remain in effect for the duration of the Facility's contract. Seller has selected the following (Seller to initial one):

	Fixed Price Standard
X	Fixed Price Renewable
	Firm Electric Market

A copy of Schedule 37, and a table summarizing the purchase prices under the pricing option selected by Seller, is attached as **Exhibit G**.

- 5.2 (Fixed Price Standard Seller Only). In the event Seller elects the Fixed Price Standard pricing method, PacifiCorp shall pay Seller the applicable On-Peak and Off-Peak rates specified in **Schedule 37** during the first fifteen (15) years after the Scheduled Initial Delivery Date. Thereafter, PacifiCorp shall pay Seller Firm Electric Market.
- 5.3 (Fixed Price Renewable Seller Only). In the event Seller elects the Fixed Price Renewable pricing method, PacifiCorp shall pay Seller the applicable On-Peak and Off-Peak rates specified in **Schedule 37** during the first fifteen (15) years after the Scheduled Initial Delivery Date. Thereafter, PacifiCorp shall pay Seller Firm Electric Market.
- 5.4 For all Excess Output and for all Net Output delivered prior to the Commercial Operation Date, PacifiCorp shall pay Seller 93 percent of a blended market index price for day-ahead firm energy at Mid-Columbia, California Oregon Border (COB), Four Corners and Palo Verde market indices as reported by the Intercontinental Exchange (ICE), for the On-Peak and Off-Peak periods. PacifiCorp shall document its calculation of the blended rate, upon request, to Seller. Such payment will be accomplished by adjustments pursuant to Section 9.2
  - 5.5 Environmental Attributes
  - 5.5.1 (<u>Fixed Price Standard Seller Only</u>): PacifiCorp waives any claim to Seller's ownership of Environmental Attributes under this Agreement throughout the Term.

5.5.2 (<u>Fixed Price Renewable Seller Only</u>): PacifiCorp waives any claim to Seller's ownership of Environmental Attributes during the Renewable Resource Sufficiency Period, and any period within the Term of this Agreement after completion of the first fifteen (15) years after the Scheduled Initial Delivery Date. Subject to the foregoing, Seller shall transfer the Green Tags to PacifiCorp in accordance with Section 4.5 during the Renewable Resource Deficiency Period.

# Section 6: OPERATION AND CONTROL

- 6.1 As-Built Supplement. Upon completion of initial (and any subsequent) construction of the Facility, Seller shall provide PacifiCorp an As-Built Supplement to specify the actual Facility as built. The As-Built Supplement must be reviewed and approved by PacifiCorp, which approval shall not unreasonably be withheld, conditioned or delayed.
- Incremental Utility Upgrades. At start-up (and at any other time upon at least six months' prior written notice), Seller may increase Net Output, if such increase is due to normal variances in estimated versus actual performance, changed Facility operations, or improvements in Facility efficiency. Seller may not increase Net Output under this Agreement by installing additional generating units. In the case of substantial upgrades, PacifiCorp may require Seller to comply with Section 3.2.8(e) (in the event that the Facility upgrade causes the Facility Capacity Rating to exceed 3,000 kW) and increase its Average Annual Generation in Section 4.2 (if appropriate). PacifiCorp may also update Seller's security obligation (if applicable). So long as the Facility Capacity Rating after the upgrade is 10,000 kW or less, Seller will continue to receive the Contract Price for the Net Output, as set forth in Sections 5.1, 5.2, and 5.3 of this Agreement. If Seller increases the Facility Capacity Rating above 10,000 kW, then (on a going forward basis) PacifiCorp shall pay Seller the Contract Price for the fraction of total Net Output equal to 10,000 kW divided by the Facility Capacity Rating of the upgraded Facility. For the remaining fraction of Net Output, PacifiCorp and Seller shall agree to a new negotiated rate. Seller shall be responsible for ensuring that any planned increase in the Facility Capacity Rating or the maximum instantaneous capacity of the Facility complies with Seller's Generation Interconnection Agreement and any other agreements with PacifiCorp.
- 6.3 Seller shall operate and maintain the Facility in a safe manner in accordance with the Generation Interconnection Agreement (if applicable), Prudent Electrical Practices and in accordance with the requirements of all applicable federal, state and local laws and the National Electric Safety Code as such laws and code may be amended from time to time. PacifiCorp shall have no obligation to purchase Net Output from the Facility to the extent the interconnection between the Facility and PacifiCorp's electric system is disconnected, suspended or interrupted, in whole or in part, pursuant to the Generation Interconnection Agreement, or to the extent generation curtailment is required as a result of Seller's non-compliance with the Generation Interconnection Agreement. PacifiCorp shall have the right to inspect the Facility to confirm that Seller is operating the Facility in accordance with the provisions of this Section 6.3 upon reasonable notice to Seller. Seller is solely responsible for the operation and maintenance of the Facility. PacifiCorp shall not, by reason of its decision to inspect or not to inspect the Facility, or by any action or inaction taken with respect to any such inspection, assume or be held

responsible for any liability or occurrence arising from the operation and maintenance by Seller of the Facility.

- 6.4 <u>Scheduled Outages</u>. Seller may cease operation of the entire Facility or individual units, if applicable, for maintenance or other purposes. Seller shall exercise its best efforts to notify PacifiCorp of planned outages at least ninety (90) days prior, and shall reasonably accommodate PacifiCorp's request, if any, to reschedule such planned outage in order to accommodate PacifiCorp's need for Facility operation.
- 6.5 <u>Unplanned Outages</u>. In the event of an unscheduled outage or curtailment exceeding twenty-five (25) percent of the Facility Capacity Rating (other than curtailments due to lack of motive force), Seller immediately shall notify PacifiCorp of the necessity of such unscheduled outage or curtailment, the time when such has occurred or will occur and the anticipated duration. Seller shall take all reasonable measures and exercise its best efforts to avoid unscheduled outage or curtailment, to limit the duration of such, and to perform unscheduled maintenance during Off-Peak hours.

### **Section 7: FUEL/MOTIVE FORCE**

Prior to the Effective Date of this Agreement, Seller provided to PacifiCorp a fuel or motive force plan acceptable to PacifiCorp in its reasonable discretion and attached hereto as **Exhibit D-1**, together with a certification from a Licensed Professional Engineer to PacifiCorp attached hereto as **Exhibit D-2**, certifying that the implementation of the fuel or motive force plan can reasonably be expected to provide fuel or motive force to the Facility for the duration of this Agreement adequate to generate power and energy in quantities necessary to deliver the Average Annual Generation set forth by Seller in Section 4.

### **Section 8: METERING**

- 8.1 Seller shall pay for, and PacifiCorp shall design, furnish, install, own, inspect, test, maintain and replace all metering equipment required pursuant to the Generation Interconnection Agreement, if applicable.
- 8.2 Seller shall pay for and design, furnish, install, own, inspect, test, maintain and replace all metering equipment required in order to calculate Availability of the Facility. Data required to calculate Availability include, but are not limited to: hourly average wind velocity measured at turbine hub height; and ambient air temperature. Seller shall make available all such data to PacifiCorp in electronic format per Section 8.5.
- 8.3 Metering shall be performed at the location and in a manner consistent with this Agreement and as specified in the Generation Interconnection Agreement, or, if the Facility is one of multiple wind generation facilities sharing a common transmission line, the required metering equipment has been completed and tested and is in place to correctly and accurately measure the amount of Net Output generated by the Facility and flowing into PacifiCorp's system at the Point of Delivery, or, if the Net Output is to be wheeled to PacifiCorp by another utility, metering will be performed in accordance with the terms of PacifiCorp's interconnection

agreement with such other utility. All quantities of energy purchased hereunder shall be adjusted to account for electrical losses, if any between the point of metering and the Point of Delivery, so that the purchased amount reflects the net amount of energy flowing into PacifiCorp's system at the Point of Delivery.

8.4 PacifiCorp shall periodically inspect, test, repair and replace the metering equipment as provided in the Generation Interconnection Agreement, if applicable. If the Net Output is to be wheeled to PacifiCorp by another utility, meter inspection, testing, repair and replacement will be performed in accordance with the terms of PacifiCorp's interconnection agreement with such utility. If any of the inspections or tests discloses an error exceeding two percent (2%), either fast or slow, proper correction, based upon the inaccuracy found, shall be made of previous readings for the actual period during which the metering equipment rendered inaccurate measurements if that period can be ascertained. If the actual period cannot be ascertained, the proper correction shall be made to the measurements taken during the time the metering equipment was in service since last tested, but not exceeding three (3) Billing Periods, in the amount the metering equipment shall have been shown to be in error by such test. Any correction in billings or payments resulting from a correction in the meter records shall be made in the next monthly billing or payment rendered following the repair of the meter.

### Section 9: BILLINGS, COMPUTATIONS, AND PAYMENTS

- 9.1 On or before the thirtieth (30th) day following the end of each Billing Period, PacifiCorp shall send to Seller payment for Seller's deliveries of Net Output to PacifiCorp, together with computations supporting such payment. PacifiCorp may offset any such payment to reflect amounts owing from Seller to PacifiCorp pursuant to this Agreement, the Generation Interconnection Agreement, or any other agreement between the Parties.
- 9.2 Corrections. PacifiCorp shall have up to eighteen months to adjust any payment made pursuant to Section 9.1. In the event PacifiCorp determines it has overpaid Seller (for Excess Output or otherwise), PacifiCorp may adjust Seller's future payment accordingly in order to recapture any overpayment in a reasonable time.
- 9.3 Annual Invoicing for Output Shortfall. Beginning on the first January 31 occurring after the Commercial Operation Date, and continuing on January 31 of each Contract Year thereafter, PacifiCorp shall deliver to Seller an invoice showing PacifiCorp's computation of Net Output and Output Shortfall, if any, for the prior Contract Year and any resulting amount due PacifiCorp as liquidated damages. In preparing such invoices, PacifiCorp shall utilize the meter data provided to PacifiCorp for the Contract Year in question, but may also rely on historical averages and such other information as may be available to PacifiCorp at the time of invoice preparation, if the meter data for such Contract Year is then incomplete or otherwise not available. To the extent required, PacifiCorp shall true up any such invoice as promptly as practicable following its receipt of actual results for the relevant Contract Year. Seller shall pay to PacifiCorp, by wire transfer or by any other means agreed to by the Parties in writing, the amount set forth as due in such invoice.

9.4 Any amounts owing after the due date thereof shall bear interest at the Prime Rate plus two percent (2%) from the date due until paid; *provided*, *however*, that the interest rate shall at no time exceed the maximum rate allowed by applicable law.

# **Section 10: SECURITY**

Unless Seller has adopted the creditworthiness warranties contained in Section 3.2.8, Seller must provide security (if requested by PacifiCorp) in the form of a cash escrow, letter of credit, senior lien, or step-in rights. Seller hereby elects to provide, in accordance with the applicable terms of this Section 10, the following security (Seller to initial one selection only):

	Cash Escrow
	Letter of Credit
	Senior Lien
X	_Step-in Rights
	Seller has adopted the Creditworthiness Warranties of Section 3.2.8.

In the event Seller's obligation to post default security (under Section 10 or Section 11.1.4) arises solely from Seller's delinquent performance of construction-related financial obligations, upon Seller's request, PacifiCorp will excuse Seller from such obligation in the event Seller has negotiated financial arrangements with its construction lenders that mitigate Seller's financial risks to PacifiCorp's reasonable satisfaction.

# [SKIP THIS SECTION 10.1 UNLESS SELLER SELECTED CASH ESCROW ALTERNATIVE]

10.1 Cash Escrow Security. Seller shall deposit in an escrow account established by PacifiCorp in a banking institution acceptable to both Parties, the Default Security. Such sum shall earn interest at the rate applicable to money market deposits at such banking institution from time to time. To the extent PacifiCorp receives payment from the Default Security, Seller shall, within fifteen (15) days, restore the Default Security as if no such deduction had occurred.

# [SKIP THIS SECTION 10.2 UNLESS SELLER SELECTED LETTER OF CREDIT ALTERNATIVE]

10.2 Letter of Credit Security. Seller shall post and maintain in an amount equal to the Default Security: (a) a guaranty from a party that satisfies the Credit Requirements, in a form acceptable to PacifiCorp in its discretion, or (b) a Letter of Credit in favor of PacifiCorp. To the extent PacifiCorp receives payment from the Default Security, Seller shall, within fifteen (15) days, restore the Default Security as if no such deduction had occurred.

# [SKIP THIS SECTION 10.3 UNLESS SELLER SELECTED SENIOR LIEN ALTERNATIVE]

10.3 Senior Lien. Before the Scheduled Commercial Operation Date, Seller shall grant PacifiCorp a senior, unsubordinated lien on the Facility and its assets as security for performance

of this Agreement by executing, acknowledging and delivering a security agreement and a deed of trust or a mortgage, in a recordable form (each in a form satisfactory to PacifiCorp in the reasonable exercise of its discretion). Pending delivery of the senior lien to PacifiCorp, Seller shall not cause or permit the Facility or its assets to be burdened by liens or other encumbrances that would be superior to PacifiCorp's, other than workers', mechanics', suppliers' or similar liens, or tax liens, in each case arising in the ordinary course of business that are either not yet due and payable or that have been released by means of a performance bond posted within eight (8) calendar days of the commencement of any proceeding to foreclose the lien.

# [SKIP THIS SECTION 10.4 UNLESS SELLER SELECTED STEP-IN RIGHTS ALTERNATIVE]

- 10.4 Step-in Rights (Operation by PacifiCorp Following Event of Default of Seller).
  - 10.4.1 Prior to any termination of this Agreement due to an Event of Default of Seller, as identified in Section 11, PacifiCorp shall have the right, but not the obligation, to possess, assume control of, and operate the Facility as agent for Seller (in accordance with Seller's rights, obligations, and interest under this Agreement) during the period provided for herein. Seller shall not grant any person, other than the lending institution providing financing to the Seller for construction of the Facility ("Facility Lender"), a right to possess, assume control of, and operate the Facility that is equal to or superior to PacifiCorp's right under this Section 10.4.
  - 10.4.2 PacifiCorp shall give Seller ten (10) calendar days notice in advance of the contemplated exercise of PacifiCorp's rights under this Section 10.4. Upon such notice, Seller shall collect and have available at a convenient, central location at the Facility all documents, contracts, books, manuals, reports, and records required to construct, operate, and maintain the Facility in accordance with Prudent Electrical Practices. Upon such notice, PacifiCorp, its employees, contractors, or designated third parties shall have the unrestricted right to enter the Facility for the purpose of constructing and/or operating the Facility. Seller hereby irrevocably appoints PacifiCorp as Seller's attorney-in-fact for the exclusive purpose of executing such documents and taking such other actions as PacifiCorp may reasonably deem necessary or appropriate to exercise PacifiCorp's step-in rights under this Section 10.4.
  - 10.4.3 During any period that PacifiCorp is in possession of and constructing and/or operating the Facility, no proceeds or other monies attributed to operation of the Facility shall be remitted to or otherwise provided to the account of Seller until all Events of Default of Seller have been cured.
  - 10.4.4 During any period that PacifiCorp is in possession of and operating the Facility, Seller shall retain legal title to and ownership of the Facility and PacifiCorp shall assume possession, operation, and control solely as agent for Seller.

- (a) In the event PacifiCorp is in possession and control of the Facility for an interim period, Seller shall resume operation and PacifiCorp shall relinquish its right to operate when Seller demonstrates to PacifiCorp's reasonable satisfaction that it will remove those grounds that originally gave rise to PacifiCorp's right to operate the Facility, as provided above, in that Seller (i) will resume operation of the Facility in accordance with the provisions of this Agreement, and (ii) has cured any Events of Default of Seller which allowed PacifiCorp to exercise its rights under this Section 10.4.
- (b) In the event that PacifiCorp is in possession and control of the Facility for an interim period, the Facility Lender, or any nominee or transferee thereof, may foreclose and take possession of and operate the Facility and PacifiCorp shall relinquish its right to operate when the Facility Lender or any nominee or transferee thereof, requests such relinquishment.
- 10.4.5 PacifiCorp's exercise of its rights hereunder to possess and operate the Facility shall not be deemed an assumption by PacifiCorp of any liability attributable to Seller. If at any time after exercising its rights to take possession of and operate the Facility PacifiCorp elects to return such possession and operation to Seller, PacifiCorp shall provide Seller with at least fifteen (15) calendar days advance notice of the date PacifiCorp intends to return such possession and operation, and upon receipt of such notice Seller shall take all measures necessary to resume possession and operation of the Facility on such date.

### **Section 11: DEFAULTS AND REMEDIES**

- 11.1 Events of Default. The following events shall constitute defaults under this Agreement:
  - 11.1.1 <u>Breach of Material Term.</u> Failure of a Party to perform any material obligation imposed upon that Party by this Agreement (including but not limited to failure by Seller to meet any deadline set forth in Section 2) or breach by a Party of a representation or warranty set forth in this Agreement.
  - 11.1.2 <u>Default on Other Agreements</u>. Seller's failure to cure any default under any commercial or financing agreements or instrument (including the Generation Interconnection Agreement) within the time allowed for a cure under such agreement or instrument.
  - 11.1.3 <u>Insolvency</u>. A Party (a) makes an assignment for the benefit of its creditors; (b) files a petition or otherwise commences, authorizes or

acquiesces in the commencement of a proceeding or cause of action under any bankruptcy or similar law for the protection of creditors, or has such a petition filed against it and such petition is not withdrawn or dismissed within sixty (60) days after such filing; (c) becomes insolvent; or (d) is unable to pay its debts when due.

- 11.1.4 <u>Material Adverse Change</u>. A Material Adverse Change has occurred with respect to Seller and Seller fails to provide such performance assurances as are reasonably requested by PacifiCorp, including without limitation the posting of additional Default Security, within thirty (30) days from the date of such request;
- 11.1.5 <u>Failure to Meet Scheduled Commercial Operation Date</u>. Seller's failure to achieve the Commercial Operation Date by the Scheduled Commercial Operation Date.
- 11.1.6 Failure to Meet Mechanical Availability Guarantee. Seller's failure to the Mechanical Availability Guarantee for two (2) consecutive years if such failure is not otherwise excused under this Agreement.
- 11.2 Notice; Opportunity to Cure.
  - 11.2.1 <u>Notice</u>. In the event of any default hereunder, the non-defaulting Party must notify the defaulting Party in writing of the circumstances indicating the default and outlining the requirements to cure the default.
  - 11.2.2 Opportunity to Cure. A Party defaulting under Section 11.1.1 shall have thirty (30) days to cure after receipt of proper notice from the non-defaulting Party. This thirty (30) day period shall be extended by an additional ninety (90) days if (a) the failure cannot reasonably be cured within the thirty (30) day period despite diligent efforts, (b) the default is capable of being cured within the additional ninety (90) day period, and (c) the defaulting Party commences the cure within the original thirty (30) day period and is at all times thereafter diligently and continuously proceeding to cure the failure. If Seller defaults under Section 11.1.5, Seller shall have one (1) year in which to cure the default during which time Seller shall pay PacifiCorp damages as provided for in Section 11.4.2.
  - 11.2.3 <u>Seller Default Under Other Agreements</u>. Seller shall cause any notices of default under any of its commercial or financing agreements or instruments to be sent by the other party to such agreements or instruments, or immediately forwarded, to PacifiCorp as a notice in accordance with Section 23.
  - 11.2.4 <u>Seller Delinquent on Construction-related Financial Obligations</u>. Seller promptly shall notify PacifiCorp (or cause PacifiCorp to be notified) anytime it becomes delinquent under any construction related financing

agreement or instrument related to the Facility. Such delinquency may constitute a Material Adverse Change, subject to Section 11.1.4.

#### 11.3 Termination.

- 11.3.1 Notice of Termination. If a default described herein has not been cured within the prescribed time, above, the non-defaulting Party may terminate this Agreement at its sole discretion by delivering written notice to the other Party and may pursue any and all legal or equitable remedies provided by law or pursuant to this Agreement. Subject to the one (1) year cure period in Section 11.2.2, PacifiCorp may terminate the Agreement for a default under Section 11.1.5 regardless of PacifiCorp's resource sufficiency/deficiency position. The rights provided in Section 10 and this Section 11 are cumulative such that the exercise of one or more rights shall not constitute a waiver of any other rights. Further, the Parties may by mutual written agreement amend this Agreement in lieu of a Party's exercise of its right to terminate.
- 11.3.2 In the event this Agreement is terminated because of Seller's default and Seller wishes to again sell Net Output to PacifiCorp following such termination, PacifiCorp in its sole discretion may require that Seller shall do so subject to the terms of this Agreement, including but not limited to the Contract Price, until the Termination Date (as set forth in Section 2.4). At such time Seller and PacifiCorp agree to execute a written document ratifying the terms of this Agreement.
- 11.3.3 <u>Damages</u>. If this Agreement is terminated as a result of Seller's default, Seller shall pay PacifiCorp the positive difference, if any, obtained by subtracting the Contract Price from the Replacement Price for the Average Annual Generation that Seller was otherwise obligated to provide at the Mechanical Availability Guarantee for a period of twenty-four (24) months from the date of termination, plus any cost incurred for transmission purchased to deliver the replacement power to the Point of Delivery, plus the estimated administrative cost to the utility to acquire replacement power. Amounts owed by Seller pursuant to this paragraph shall be due within five (5) business days after any invoice from PacifiCorp for the same.
- 11.3.4 If this Agreement is terminated because of Seller's default, PacifiCorp may foreclose upon any security provided pursuant to Section 10 to satisfy any amounts that Seller owes PacifiCorp arising from such default.

#### 11.4 Damages.

11.4.1 <u>Failure to Meet Mechanical Availability Guarantee</u>. Liquidated damages for Seller's failure to meet the Mechanical Availability Guarantee shall be calculated as follows: (i) the "**Shortfall**" shall be 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 Mechanical Availability Guarantee for the Contract Year and the actual Net Output provided by the Seller for the Contract Year; (ii) multiply the Shortfall by the positive difference, if any, obtained by subtracting the Contract Price applicable to the period of Shortfall from the Replacement Price at which PacifiCorp purchases replacement power; and (iii) add any reasonable costs incurred by PacifiCorp to purchase replacement power and additional transmission costs to deliver replacement power to the Point of Delivery, if any.

11.4.2 Failure to Deliver Net Output. In the event Seller defaults under Subsection 11.1.5, then Seller shall pay PacifiCorp the positive difference, if any, obtained by subtracting the Contract Price from the Replacement Price during the period of default; *provided, however*, that the positive difference obtained by subtracting the Contract Price from the Replacement Price shall not exceed the Contract Price, and the period of default under this Section 11.4.2 shall not exceed one (1) year.

#### 11.4.3 Recoupment of Damages.

- (a) <u>Default Security Available</u>. If Seller has posted Default Security, PacifiCorp may draw upon that security to satisfy any damages, above.
- (b) <u>Default Security Unavailable</u>. If Seller has not posted Default Security, or if PacifiCorp has exhausted the Default Security, PacifiCorp may collect any remaining amount owing by partially withholding future payments to Seller over a reasonable period of time, which period shall not be less than the period over which the default occurred. PacifiCorp and Seller shall work together in good faith to establish the period, and monthly amounts, of such withholding so as to avoid Seller's default on its commercial or financing agreements necessary for its continued operation of the Facility.

#### Section 12: <u>INDEMNIFICATION AND LIABILITY</u>

#### 12.1 Indemnities.

12.1.1 <u>Indemnity by Seller</u>. Seller shall release, indemnify and hold harmless PacifiCorp, its directors, officers, agents, and representatives against and from any and all loss, fines, penalties, claims, actions or suits, including costs and attorney's fees, both at trial and on appeal, resulting from, or arising out of or in any way connected with (a) the energy delivered by Seller under this Agreement to and at the Point of Delivery, (b) any

facilities on Seller's side of the Point of Delivery, (c) Seller's operation and/or maintenance of the Facility, or (d) arising from this Agreement, including without limitation any loss, claim, action or suit, for or on account of injury, bodily or otherwise, to, or death of, persons, or for damage to, or destruction or economic loss of property belonging to PacifiCorp, Seller or others, excepting only such loss, claim, action or suit as may be caused solely by the fault or gross negligence of PacifiCorp, its directors, officers, employees, agents or representatives.

- 12.1.2 Indemnity by PacifiCorp. PacifiCorp shall release, indemnify and hold harmless Seller, its directors, officers, agents, Lenders and representatives against and from any and all loss, fines, penalties, claims, actions or suits, including costs and attorney's fees, both at trial and on appeal, resulting from, or arising out of or in any way connected with the energy delivered by Seller under this Agreement after the Point of Delivery, including without limitation any loss, claim, action or suit, for or on account of injury, bodily or otherwise, to, or death of, persons, or for damage to, or destruction or economic loss of property, excepting only such loss, claim, action or suit as may be caused solely by the fault or gross negligence of Seller. its directors, officers, employees, agents, Lenders representatives.
- 12.2 No Dedication. Nothing in this Agreement shall be construed to create any duty to, any standard of care with reference to, or any liability to any person not a Party to this Agreement. No undertaking by one Party to the other under any provision of this Agreement shall constitute the dedication of that Party's system or any portion thereof to the other Party or to the public, nor affect the status of PacifiCorp as an independent public utility corporation or Seller as an independent individual or entity.
- 12.3 No Consequential Damages. Except to the extent such damages are included in the liquidated damages, delay damages, cost to cover damages or other specified measure of damages expressly provided for in this Agreement, neither Party shall be liable to the other Party for special, punitive, indirect, exemplary or consequential damages, whether such damages are allowed or provided by contract, tort (including negligence), strict liability, statute or otherwise.

#### Section 13: <u>INSURANCE (FACILITIES OVER 200KW ONLY)</u>

13.1 <u>Certificates</u>. Prior to connection of the Facility to PacifiCorp's electric system, or another utility's electric system if delivery to PacifiCorp is to be accomplished by wheeling, Seller shall secure and continuously carry insurance in compliance with the requirements of this Section. Seller shall provide PacifiCorp insurance certificate(s) (of "ACORD Form" or the equivalent) certifying Seller's compliance with the insurance requirements hereunder. Commercial General Liability coverage written on a "claims-made" basis, if any, shall be specifically identified on the certificate. If requested by PacifiCorp, a copy of each insurance policy, certified as a true copy by an authorized representative of the issuing insurance company, shall be furnished to PacifiCorp.

- 13.2 <u>Required Policies and Coverages</u>. Without limiting any liabilities or any other obligations of Seller under this Agreement, Seller shall secure and continuously carry with an insurance company or companies rated not lower than "B+" by the A.M. Best Company the insurance coverage specified below:
  - 13.2.1 Commercial General Liability insurance, to include contractual liability, with a minimum single limit of \$1,000,000 to protect against and from all loss by reason of injury to persons or damage to property based upon and arising out of the activity under this Agreement.
  - 13.2.2 All Risk Property insurance providing coverage in an amount at least equal to the full replacement value of the Facility against "all risks" of physical loss or damage, including coverage for earth movement, flood, and boiler and machinery. The Risk policy may contain separate sublimits and deductibles subject to insurance company underwriting guidelines. The Risk Policy will be maintained in accordance with terms available in the insurance market for similar facilities.
- 13.3 The Commercial General Liability policy required herein shall include i) provisions or endorsements naming PacifiCorp, its Board of Directors, Officers and employees as additional insureds, and ii) cross liability coverage so that the insurance applies separately to each insured against whom claim is made or suit is brought, even in instances where one insured claims against or sues another insured.
- 13.4 All liability policies required by this Agreement shall include provisions that such insurance is primary insurance with respect to the interests of PacifiCorp and that any other insurance maintained by PacifiCorp is excess and not contributory insurance with the insurance required hereunder, and provisions that such policies shall not be canceled or their limits of liability reduced without 1) ten (10) days prior written notice to PacifiCorp if canceled for nonpayment of premium, or 2) thirty (30) days prior written notice to PacifiCorp if canceled for any other reason.
- 13.5 Insurance coverage provided on a "claims-made" basis shall be maintained by Seller for a minimum period of five (5) years after the completion of this Agreement and for such other length of time necessary to cover liabilities arising out of the activities under this Agreement.

#### **Section 14: FORCE MAJEURE**

14.1 As used in this Agreement, "Force Majeure" or "an event of Force Majeure" means any cause beyond the reasonable control of the Seller or of PacifiCorp which, despite the exercise of due diligence, such Party is unable to prevent or overcome. By way of example, Force Majeure may include but is not limited to acts of God, fire, flood, storms, wars, hostilities, civil strife, strikes, and other labor disturbances, earthquakes, fires, lightning, epidemics, sabotage, restraint by court order or other delay or failure in the performance as a result of any action or inaction on behalf of a public authority which by the exercise of reasonable foresight

such Party could not reasonably have been expected to avoid and by the exercise of due diligence, it shall be unable to overcome, subject, in each case, to the requirements of the first sentence of this paragraph. Force Majeure, however, specifically excludes the cost or availability of fuel or motive force resources to operate the Facility or changes in market conditions that affect the price of energy or transmission. If either Party is rendered wholly or in part unable to perform its obligation under this Agreement because of an event of Force Majeure, that Party shall be excused from whatever performance is affected by the event of Force Majeure to the extent and for the duration of the event of Force Majeure, after which such Party shall recommence performance of such obligation, provided that:

- 14.1.1 the non-performing Party, shall, within two (2) weeks after the occurrence of the Force Majeure, give the other Party written notice describing the particulars of the occurrence; and
- 14.1.2 the suspension of performance shall be of no greater scope and of no longer duration than is required by the event of Force Majeure; and
- 14.1.3 the non-performing Party uses its best efforts to remedy its inability to perform.
- 14.2 No obligations of either Party which arose before the Force Majeure causing the suspension of performance shall be excused as a result of the event of Force Majeure.
- 14.3 Neither Party shall be required to settle any strike, walkout, lockout or other labor dispute on terms which, in the sole judgment of the Party involved in the dispute, are contrary to the Party's best interests.
- 14.4 PacifiCorp may terminate the Agreement if Seller fails to remedy Seller's inability to perform, due to an event of Force Majeure, within six months after the occurrence of the event.

#### **Section 15: SEVERAL OBLIGATIONS**

Nothing contained in this Agreement shall ever be construed to create an association, trust, partnership or joint venture or to impose a trust or partnership duty, obligation or liability between the Parties. If Seller includes two or more parties, each such party shall be jointly and severally liable for Seller's obligations under this Agreement.

#### **Section 16: CHOICE OF LAW**

This Agreement shall be interpreted and enforced in accordance with the laws of the State of Oregon, excluding any choice of law rules which may direct the application of the laws of another jurisdiction.

#### **Section 17: PARTIAL INVALIDITY**

It is not the intention of the Parties to violate any laws governing the subject matter of this Agreement. If any of the terms of the Agreement are finally held or determined to be invalid, illegal or void as being contrary to any applicable law or public policy, all other terms of the Agreement shall remain in effect. If any terms are finally held or determined to be invalid, illegal or void, the Parties shall enter into negotiations concerning the terms affected by such decision for the purpose of achieving conformity with requirements of any applicable law and the intent of the Parties to this Agreement.

#### **Section 18: WAIVER**

Any waiver at any time by either Party of its rights with respect to a default under this Agreement or with respect to any other matters arising in connection with this Agreement must be in writing, and such waiver shall not be deemed a waiver with respect to any subsequent default or other matter.

#### Section 19: GOVERNMENTAL JURISDICTIONS AND AUTHORIZATIONS

This Agreement is subject to the jurisdiction of those governmental agencies having control over either Party or this Agreement. Seller shall at all times maintain in effect all local, state and federal licenses, permits and other approvals as then may be required by law for the construction, operation and maintenance of the Facility, and shall provide upon request copies of the same to PacifiCorp.

#### Section 20: REPEAL OF PURPA

This Agreement shall not terminate upon the repeal of the PURPA, unless such termination is mandated by federal or state law.

#### **Section 21: SUCCESSORS AND ASSIGNS**

This Agreement and all of the terms hereof shall be binding upon and inure to the benefit of the respective successors and assigns of the Parties. No assignment hereof by either Party shall become effective without the written consent of the other Party being first obtained and such consent shall not be unreasonably withheld, conditioned or delayed. Notwithstanding the foregoing, either Party may assign this Agreement without the other Party's consent to a lender as part of a financing transaction or as part of (a) a sale of all or substantially all of the assigning Party's assets, or (b) a merger, consolidation or other reorganization of the assigning Party.

#### **Section 22: ENTIRE AGREEMENT**

- 22.1 This Agreement supersedes all prior agreements, proposals, representations, negotiations, discussions or letters, whether oral or in writing, regarding PacifiCorp's purchase of Net Output from the Facility. No modification of this Agreement shall be effective unless it is in writing and signed by both Parties.
- 22.2 By executing this Agreement, Seller releases PacifiCorp from any claims, known or unknown, that may have arisen prior to the Effective Date.

#### Section 23: NOTICES

23.1 All notices except as otherwise provided in this Agreement shall be in writing, shall be directed as follows and shall be considered delivered if delivered in person or when deposited in the U.S. Mail, postage prepaid by certified or registered mail and return receipt requested.

Notices	PacifiCorp	Seller
All Notices	PacifiCorp 825 NE Multnomah Street Portland, OR 97232 Attn: Contract Administration, Suite 600 Phone: (503) 813 - 5380 Facsimile: (503) 813 - 6291 Duns: 00-790-9013 Federal Tax ID Number: 93-0246090	Mr. John Brown 8030 Companies, Inc. 855 13 <sup>th</sup> Street Boulder, Colorado 8032 Phone: 303.818.2703 Facsimile: 303.818.0077 Email: johnmbrown@8030companies.com Duns: 068695017 Federal Tax ID Number: 27-5004692
	Email: cntadmin@PacifiCorp.com	With copies to: Mauri Miller Oregon Windfarms, LLC 3145 Geary Blvd., #723 San Francisco, CA 94118  Phone: 415-289-0715 Cell: 415-244-6592 cell Email: mauri@envisionwind.com
All Invoices:	(same as street address above) Attn: Back Office, Suite 700 Phone: (503) 813 - 5578 Facsimile: (503) 813 - 5580	(same as above)
Scheduling:	(same as street address above) Attn: Resource Planning, Suite 600 Phone: (503) 813 - 6090 Facsimile: (503) 813 - 6265	(same as above)
Payments:	(same as street address above) Attn: Back Office, Suite 700 Phone: (503) 813 - 5578	(same as above)

Facsimile: (503) 813 - 5580

Wire Transfer:

Bank One N.A.

(same as above)

ABA: ACCT:

NAME: PacifiCorp Wholesale

Credit and

(same as street address above)

(same as above)

Collections

Attn: Credit Manager, Suite 700 Phone: (503) 813 - 5684 Facsimile: (503) 813 - 5609

With Additional

(same as street address above)

(same as above)

Notices of an Event of Default or Potential

PacifiCorp Legal Department, Suite

1800

Event of Default to:

Attn: Assistant General Counsel Facsimile (503) 813-6761

23.2 The Parties may change the person to whom such notices are addressed, or their addresses, by providing written notices thereof in accordance with this Section 23.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed in their respective names as of the date first above written.

**PacifiCorp** 

Name: Brace Griswold

Title: Director, Short-term Origination

and QF Contracts

Date: line Lt. 1010

Name:

Title: Mmager

Date: 6/30 111

#### **EXHIBIT A**

## DESCRIPTION OF SELLER'S FACILITY [Seller to Complete]

Seller's Facility consists of Five (5) generators manufactured by General Electric. More specifically, each generator at the Facility is described as:

Type (synchronous or inductive): Inductive

Model: GE 2.0-116 Number of Phases:

Rated Output (kW): 2000 Rated Output (kVA): 2105

Rated Voltage (line to line): 690

Rated Current (A): Stator: 1900 A; Rotor: 750 A

Maximum kW Output: 2,000 kW Maximum kVA Output: 2105 kVA

Minimum kW Output: 0 kW

Manufacturer's Guaranteed Cut-in Wind Speed [if applicable]:

Facility Capacity Rating: 10,000 kW

Identify the maximum output of the generator(s) and describe any differences between that output and the Nameplate Capacity Rating:

Station service requirements, and other loads served by the Facility, if any, are described as follows: Station service requirements are estimated to be 200,000 kWh annually, depending on conditions at the site of the Facility. Seller has not yet made final arrangements for station service. Seller will discuss options with PacifiCorp, Umatilla Electric Cooperative and Columbia Basin Electric Cooperative

Location of the Facility: The Facility is to be constructed in the vicinity of Hinkle in Umatilla and Morrow Counties, Oregon. The location is more particularly described as follows:

The location of the Facility will be T3N R27E S33. See attached Map in Exhibit A-1.

The Facility will be allowed to relocate to the following alternate locations due to any location constraints:

T1N R26E S2,3,4,8,9,10,11,13,14,15,23,24
T1N R27E S1,2,3,4,8,9,10,11,12,13,16,17,18,20,21,22,29,31,32
T1N R28E S6,7,8,17,18,19,20
T2N R26E S2,3,5,9,10,11,14,15,16,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35
T2N R27E S3,4,5,6,7,8,9,10,15,16,17,18,19,20,21
T3N R26E S33,34,35,36
T3N R27E S31,32

The relocation will be allowed for each project subject to the following conditions:

1. the OF remains eligible under Schedule 37

- 2. the point of delivery does not change
- 3. Project location meets all FERC and Oregon Commission restrictions on distance between QF projects.

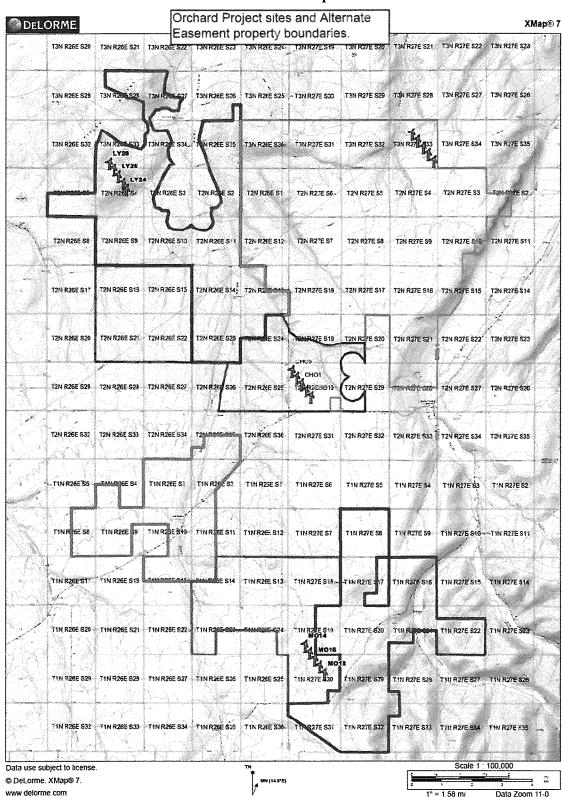
#### Power factor requirements:

Rated Power Factor (PF) or reactive load (kVAR): +/- 0.95

Unit Specification Notes: Seller has elected to install five General Electric 2.0-116 wind turbines and has estimated the Average Annual Generation based on data available as of the Effective Date. Seller may change the Average Annual Generation at any time prior to the Operation Date to reflect data available as of the date of the change. In addition, Seller may request that PacifiCorp allow Seller to substitute different wind turbines. Along with such request, Seller shall promptly deliver to PacifiCorp all relevant information regarding such turbines (including the number of turbines, cut-in wind speed, Facility Capacity Rating, assumed ambient conditions at Facility Capacity Rating, power factor requirements, unit specifications shown in Exhibit A-2, Exhibit D-1, Exhibit D-2, the Average Annual Generation, Seller's estimate of average annual Net Energy as set forth in Recital D, and any other wind turbine specific information in this Agreement).

Upon the written consent of PacifiCorp to such selection (which shall not be unreasonably withheld, delayed or conditioned), this Agreement shall be deemed amended as necessary to account for such new selection including changes to the number of turbines, cut-in wind speed, Facility Capacity Rating, Average Annual Generation and expected delivery volumes, but not changes to the Scheduled Initial Delivery Date of the Scheduled Commercial Operation Date. All necessary changes shall be documented in an amendment within two weeks of such written consent. Seller acknowledges that it may require a separate consent from PacifiCorp Transmission to change its turbine specifications for the Facility.

Exhibit A-1 Site Map



#### **EXHIBIT B**

#### SELLER'S INTERCONNECTION FACILITIES

[Seller to provide its own diagram and description]

### POINT OF DELIVERY / SELLER'S INTERCONNECTION FACILITIES

#### Instructions to Seller:

- 1. Include description of point of metering, and Point of Delivery
  - a. The Point of Delivery is at 69 kV busbar at PacifiCorp's Hinkle substation. The points of metering are described in Addendum L. Meters are installed at both the Facility and the Hinkle substation to account for line losses, transformation losses, and station service as described in Addendum L.
- 2. Provide interconnection single line drawing of Facility including any transmission facilities on Seller's side of the Point of Delivery.
  - a. A one-line diagram of the Facility is attached. On sheet 1 of 4 of the attached one-line diagram there is a line to LOCAL DISTRIBUTION SERVICE. This line shall not be energized unless the transmission path from the Facility wind turbines to the Point of Delivery is not energized.

#### **EXHIBIT C**

### REQUIRED FACILITY DOCUMENTS

#### REQUIRED OF ALL FACILITIES:

**QF** Certification

Interconnection Agreement

Fuel Supply Agreement, if applicable

#### REQUIRED IF SELLER ELECTS TO GRANT SENIOR LIEN OR STEP-IN RIGHTS:

Deed or Lease to Facility Premises

Preliminary Title Report of Premises

Proof of ownership of Facility

Off-take sale agreements, e.g. surplus heat sale contract, if applicable

Depending upon the type of Facility and its specific characteristics, additional Required Facility Documents may be requested.

#### OTHER REQUIRED FACILITY DOCUMENTS

Addendum A

Addendum B

Addendum L

Oregon Financing Statement, if any

**FAA Permits** 

Building Permit, if any

Conditional Use Permit, if any

Land Use Permit, if any

Memorandum of PPA, if any

Subeasement to Facility Premises in lieu of Deed or Lease or other real property rights

documentation

# EXHIBIT D-1 SELLER'S MOTIVE FORCE PLAN

### A. MONTHLY DELIVERY SCHEDULES AND SCHEDULED MAINTENANCE

Month	Average Energy		
	(kWh)		
January	2,182,771		
February	1,525,310		
March	2,792,022		
April	3,289,442		
May	3,000,193		
June	3,270,188		
July	2,812,446		
August	2,871,483		
September	2,058,044		
October	1,861,377		
November	1,691,186		
December	1,855,548		

Seller to provide an estimate of the average monthly Net Output of the Facility, and explain the basis for the estimate.

See Exhibit D-2 Motive Force Plan.

#### **EXHIBIT D-2**

## ENGINEER'S CERTIFICATION OF MOTIVE FORCE PLAN

## RAM Associates

Resource Assessment & Micrositing



### Certification of Orchard Windfarm 1, LLC

By Jack Kline, CCM RAM Associates Brentwood, CA

March 25, 2016

#### **Project Description**

The Orchard Windfarm 1 is comprised of five GE 2.0-116 wind turbines, each having a rated power of 2.0 MW and a hub height of 80 m AGL. The sites are designated as RU1 through RU5 and are located in Section 33 of Twp 3N, Rng 27E in Morrow County, Oregon. Other similar wind farms have been developed on neighboring parcels of land in the same area.

#### Wind Resource

Wind resource data has been collected at a number of anemometer towers across the project site. The data have been correlated to a long term reference MERRA node, located approximately 12 miles southeast of the project site, and long-term mean wind speeds have been estimated at the anemometer tower sites. Terrain modeling of the wind resource has been performed to determine the long-term mean wind speeds at the hub height level of each turbine site.

#### **Turbine Energy Estimates**

The on-site wind data and individual turbine wind speed estimates have been used in conjunction with the power curve for the GE 2.0-116 (appropriate for the air density at the site) to calculate long-term mean gross energy for each turbine site in the project. Loss factors have been applied to produce net energy for each turbine. Losses for high-speed hysteresis stop/restart and array losses (considering all turbines that will be erected at the site) and icing losses were calculated and all other losses were assumed, based on typical values currently used in the wind industry. After applying these loss factors the combined long-term average net energy for the four turbines has been calculated. The uncertainty in project output has been evaluated and the output is certified to be 29,210,000 kWh/year at the P90 level.

1632 Cipriani Place Brentwood, CA 94513

Your Stor

Ph. 925-240-7855

#### **EXHIBIT E**

#### START-UP TESTING

Required factory testing includes such checks and tests necessary to determine that the equipment systems and subsystems have been properly manufactured and installed, function properly, and are in a condition to permit safe and efficient start-up of the Facility, which may include but are not limited to (as applicable): [Seller identify appropriate tests]

- 1. Pressure tests of all steam system equipment;
- 2. Calibration of all pressure, level, flow, temperature and monitoring instruments;
- 3. Operating tests of all valves, operators, motor starters and motor;
- 4. Alarms, signals, and fail-safe or system shutdown control tests;
- 5. Insulation resistance and point-to-point continuity tests;
- 6. Bench tests of all protective devices;
- 7. Tests required by manufacturer of equipment; and
- 8. Complete pre-parallel checks with PacifiCorp.

Required start-up tests are those checks and tests necessary to determine that all features and equipment, systems, and subsystems have been properly designed, manufactured, installed and adjusted, function properly, and are capable of operating simultaneously in such condition that the Facility is capable of continuous delivery into PacifiCorp's electrical system, which may include but are not limited to (as applicable):

- 1. Turbine/generator mechanical runs including shaft, vibration, and bearing temperature measurements;
- 2. Running tests to establish tolerances and inspections for final adjustment of bearings, shaft run-outs;
- 3. Brake tests;
- 4. Energization of transformers;
- 5. Synchronizing tests (manual and auto);
- 6. Stator windings dielectric test;
- 7. Armature and field windings resistance tests;
- 8. Load rejection tests in incremental stages from 5, 25, 50, 75 and 100 percent load;
- 9. Heat runs;
- 10. Tests required by manufacturer of equipment;
- 11. Excitation and voltage regulation operation tests;
- 12. Open circuit and short circuit; saturation tests;
- 13. Governor system steady state stability test;
- 14. Phase angle and magnitude of all PT and CT secondary voltages and currents to protective relays, indicating instruments and metering;
- 15. Auto stop/start sequence;
- 16. Level control system tests; and
- 17. Completion of all state and federal environmental testing requirements.

#### **EXHIBIT F**

#### Oregon Windfarms, LLC

3145 Geary Blvd., #723 San Francisco, CA 94118

#### **Customer Authorization to Release Generation Data**

February 17, 2016

PacifiCorp Transmission Attention: Director, Transmission Services 825 NE Multnomah, Suite 1600 Portland, Oregon 97232

RE: Voluntary Consent Form

Dear PacifiCorp Transmission:

Oregon Windfarms, LLC, on behalf of four to-be-formed or acquired entities as interconnection customers, hereby voluntarily authorizes PacifiCorp Transmission to share generator interconnection information and generator meter data with Marketing Affiliate employees of PacifiCorp Energy Supply Management, including, but not limited to those in the PacifiCorp's Market Affiliate group, with respect to the interconnection applications Q0650 through Q0653.

**Oregon Windfarms, LLC** acknowledges that PacifiCorp did not provide it any preferences, either operational or rate-related, in exchange for this voluntary consent.

Name: Maurice Miller, Manager

Date: February 17, 2016

8030 Companies applied for four 10 MW PPAs on behalf of four to-be-formed or acquired entities on September 18, 2015 with PacifiCorp Energy Supply Management. The entities executing the PPAs will become the interconnection customers under applications Q0650 through Q0653. 8030 Companies agrees to this Voluntary Consent.

Name: John Brown, Manager

Date: February 17, 2016

EXHIBIT G
SCHEDULE 37 AND PRICING SUMMARY TABLE

Year	On-Peak	Off-Peak	
2019	32.60	24.50	
2020	35.30	26.40	
2021	38.10	28.80	
2022	41.00	31.40	
2023	44.10	33.80	
2024	86.70	67.30	
2025	88.30	69.20	
2026	89.30	71.80	
2027	90.90	73.70	
2028	92.40	75.70	
2029	94.00	77.60	
2030	95.50	79.60	
2031	96.70	82.20	
2032	99.00	83.70	
2033	100.10	86.70	
2034	101.30	89.70	
From the day in year 2033 or 2034 that is 15 years after the Scheduled Initial Delivery Date until the Termination Date	Price prescribed by Section 5.3 of this Agreement		

#### Note

Scheduled Initial Delivery Date is October1, 2019 Scheduled Commercial Operation Date is October1, 2020 Schedule 37 prices effective June 25, 2015

## AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

Page 1

#### **Available**

To owners of Qualifying Facilities making sales of electricity to the Company in the State of Oregon.

#### **Applicable**

For power purchased from Qualifying Facilities with a nameplate capacity of 10,000 kW or less or that, together with any other electric generating facility using the same motive force, owned or controlled by the same person(s) or affiliated person(s), and located at the same site, has a nameplate capacity of 10,000 kW or less. Owners of these Qualifying Facilities will be required to enter into a written power sales contract with the Company.

#### **Definitions**

#### **Cogeneration Facility**

A facility which produces electric energy together with steam or other form of useful energy (such as heat) which are used for industrial, commercial, heating or cooling purposes through the sequential use of energy.

#### **Qualifying Facilities**

Qualifying cogeneration facilities or qualifying small power production facilities within the meaning of section 201 and 210 of the Public Utility Regulatory Policies Act of 1978 (PURPA), 16 U.S.C. 796 and 824a-3.

#### **Qualifying Electricity**

Electricity that meets the requirements of "qualifying electricity" set forth in the Oregon Renewable Portfolio Standards: ORS 469A.010, 469A.020, and 469A.025.

#### Renewable Qualifying Facility

A Qualifying Facility that generates Qualifying Electricity.

#### Wind Qualifying Facility

A Renewable Qualifying Facility that generates Qualifying Electricity using wind as its motive force.

#### **Baseload Renewable Qualifying Facility**

A Renewable Qualifying Facility that generates Qualifying Electricity using any qualifying resource other than wind or solar.

#### **Small Power Production Facility**

A facility which produces electric energy using as a primary energy source biomass, waste, renewable resources or any combination thereof and has a power production capacity which, together with other facilities located at the same site, is not greater than 80 megawatts.

#### **On-Peak Hours or Peak Hours**

On-Peak hours are defined as 6:00 a.m. to 10:00 p.m. Pacific Prevailing Time Monday through Saturday, excluding NERC holidays.

Due to the expansions of Daylight Saving Time (DST) as adopted under Section 110 of the U.S. Energy Policy Act of 2005, the time periods shown above will begin and end one hour later for the period between the second Sunday in March and the first Sunday in April and for the period between the last Sunday in October and the first Sunday in November.

## AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

Page 2

#### **Definitions (continued)**

#### **Off-Peak Hours**

All hours other than On-Peak.

#### **Excess Output**

Excess Output shall mean any increment of Net Output delivered at a rate, on an hourly basis, exceeding the Facility Nameplate Capacity. PacifiCorp shall pay Seller the Off-Peak Price as described and calculated under pricing option 4 (Non-Firm Market Index Avoided Cost Price) for all Excess Output.

#### Same Site

Generating facilities are considered to be located at the same site as the QF for which qualification for the standard rates and standard contract is sought if they are located within a five-mile radius of any generating facilities or equipment providing fuel or motive force associated with the QF for which qualification for the standard rates and standard contract is sought.

#### Person(s) or Affiliated Person(s)

A natural person or persons or any legal entity or entities sharing common ownership, management or acting jointly or in concert with or exercising influence over the policies or actions of another person or entity. Two facilities will not be held to be owned or controlled by the same person(s) or affiliated person(s) solely because they are developed by a single entity. Two facilities will not be held to be owned or controlled by the same person(s) or affiliated person(s) if such common person or persons is a "passive investor" whose ownership interest in the QF is primarily related to utilizing production tax credits, green tag values and MACRS depreciation as the primary ownership benefit and the facilities at issue are independent family-owned or community-based projects. A unit of Oregon local government may also be a "passive investor" in a community-based project if the local governmental unit demonstrates that it will not have an equity ownership interest in or exercise any control over the management of the QF and that its only interest is a share of the cash flow from the QF, which share will not exceed 20%. The 20% cash flow share limit may only be exceeded for good cause shown and only with the prior approval of the Commission.

#### **Shared Interconnection and Infrastructure**

QFs otherwise meeting the separate ownership test and thereby qualified for entitlement to the standard rates and standard contract will not be disqualified by utilizing an interconnection or other infrastructure not providing motive force or fuel that is shared with other QFs qualifying for the standard rates and standard contract so long as the use of the shared interconnection complies with the interconnecting utility's safety and reliability standards, interconnection contract requirements and Prudent Electrical Practices as that term is defined in the interconnecting utility's approved standard contract.

#### **Dispute Resolution**

Upon request, the QF will provide the purchasing utility with documentation verifying the ownership, management and financial structure of the QF in reasonably sufficient detail to allow the utility to make an initial determination of whether or not the QF meets the above-described criteria for entitlement to the standard rates and standard contract.

## AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

Page 3

#### **Dispute Resolution (continued)**

Any dispute concerning a QF's entitlement to the standard rates and standard contract shall be presented to the Commission for resolution.

#### **Self Supply Option**

Owner shall elect to sell all Net Output to PacifiCorp and purchase its full electric requirements from PacifiCorp or sell Net Output surplus to its needs at the Facility site to PacifiCorp and purchase partial electric requirements service from PacifiCorp, in accordance with the terms and conditions of the power purchase agreement and the appropriate retail service.

#### **Pricing Options**

#### 1. Standard Fixed Avoided Cost Prices

Prices are fixed at the time that the contract is signed by both the Qualifying Facility and the Company and will not change during the term of the contract. Standard Fixed Avoided Cost Prices are available for a contract term of up to 15 years and prices under a longer term contract (up to 20 years) will thereafter be under the Firm Market Indexed Avoided Cost Price, The Standard Fixed Avoided Cost pricing option is available to all Qualifying Facilities. The Standard Fixed Avoided Cost Price for Wind Qualifying Facilities will reflect integration costs as set forth on page 5.

#### 2. Renewable Fixed Avoided Cost Prices

Prices are fixed at the time that the contract is signed by both the Renewable Qualifying Facility and the Company and will not change during the term of the contract. Renewable Fixed Avoided Cost Prices are available for a contract term of up to 15 years and prices under a longer term contract (up to 20 years) will thereafter be under the Firm Market Indexed Avoided Cost Price. The Renewable Fixed Avoided Cost pricing option is available only to Renewable Qualifying Facilities. A Renewable Qualifying Facility choosing the Renewable Fixed Avoided Cost pricing option must cede all Green Tags generated by the facility, as defined in the standard contract, to the Company during the Renewable Resource Deficiency Period identified on page 6, except that a Renewable Qualifying Facility retains ownership of all Environmental Attributes generated by the facility, as defined in the standard contract, during the Renewable Resource Sufficiency Period identified on page 6 and during any period after the first 15 years of a longer term contract (up to 20 years).

#### 3. Firm Market Indexed Avoided Cost Prices

Firm Market Index Avoided Cost Prices are available to Qualifying Facilities that contract to deliver firm power. Monthly on-peak / off-peak prices paid are a blending of Intercontinental Exchange (ICE) Day Ahead Power Price Report at market hubs for on-peak and off-peak prices. The monthly blending matrix is available upon request.

#### 4. Non-Firm Market Index Avoided Cost Prices

Non-Firm Market Index Avoided Cost Prices are available to Qualifying Facilities that do not elect to provide firm power. Qualifying Facilities taking this option will have contracts that do not include minimum delivery requirements, default damages for construction delay or, for under delivery or early termination, or default security for these purposes. Monthly On-Peak / Off-Peak prices paid are 93 percent of a blending of ICE Day Ahead Power Price Report at market hubs for on-peak and off-peak firm index prices. The monthly blending matrix is available upon request. The Non-Firm Market Index Avoided Cost pricing option is available to all Qualifying Facilities. The Non-Firm Market Index Avoided Cost Price for Wind Qualifying Facilities will reflect integration costs.



## AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

Page 4

#### **Monthly Payments**

A Qualifying Facility shall select the option of payment at the time of signing the contract under one of the Pricing Options specified above. Once an option is selected the option will remain in effect for the duration of the Facility's contract.

#### **Renewable or Standard Fixed Avoided Cost Prices**

In accordance with the terms of a contract with a Qualifying Facility, the Company shall pay for all separately metered kilowatt-hours of On-Peak and Off-Peak generation at the renewable or standard fixed prices as provided in this schedule. On-Peak and Off-Peak are defined in the definitions section of this schedule.

#### Firm Market Indexed and Non-Firm Market Index Avoided Cost Prices

In accordance with the terms of a contract with a Qualifying Facility, the Company shall pay for all separately metered kilowatt-hours of On-Peak and Off-Peak generation at the market prices calculated at the time of delivery. On-Peak and Off-Peak are defined in the definitions section of this schedule.



## AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

Page 5

#### **Avoided Cost Prices**

#### **Standard Fixed Avoided Cost Prices**

Fixed Prices ¢/kWh

Deliveries	Base Load QF (1)		Wind QF (2)		Solar QF	
During	On-Peak	Off-Peak	On-Peak	Off-Peak	On-Peak	Off-Peak
Calendar	Energy	Energy	Energy	Energy	Energy	Energy
Year	Price	Price	Price	Price	Price	Price
	(a)	(b)	(c)	(d)	(e)	(f)
2015	2.77	2.19	2.51	1.93	2.77	2.19
2016	2.87	2.20	2.60	1.93	2.87	2.20
2017	3.13	2.43	2.86	2.16	3.13	2.43
2018	3.38	2.54	3.10	2.26	3.38	2.54
2019	3.55	2.73	3.26	2.45	3.55	2.73
2020	3.82	2.93	3.53	2.64	3.82	2.93
2021	4.11	3.18	3.81	2.88	4.11	3.18
2022	4.41	3.44	4.10	3.14	4.41	3.44
2023	4.72	3.69	4.41	3.38	4.72	3.69
2024	6.16	3.06	2.87	2.74	3.48	3.06
2025	6.35	3.18	2.99	2.86	3.61	3.18
2026	6.41	3.18	2.98	2.84	3.62	3.18
2027	6.61	3.31	3.11	2.97	3.76	3.31
2028	6.98	3.61	3.40	3.26	4.07	3.61
2029	7.15	3.71	3.50	3.36	4.18	3.71
2030	7.30	3.79	3.58	3.43	4.27	3.79
2031	7.62	4.03	3.82	3.67	4.52	4.03
2032	7.80	4.14	3.92	3.76	4.64	4.14
2033	7.93	4.20	3.97	3.81	4.71	4.20
2034	8.15	4.34	4.11	3.95	4.86	4.34
2035	8.40	4.51	4.27	4.11	5.04	4.51
2036	8.59	4.62	4.38	4.21	5.16	4.62
2037	8.82	4.76	4.52	4.35	5.31	4.76
2038	9.05	4.91	4.65	4.48	5.47	4.91
2039	9.25	5.02	4.76	4.58	5.59	5.02
2040	9.51	5.19	4.93	4.74	5.78	5.19
2041	9.71	5.30	5.03	4.85	5.90	5.30

<sup>(1)</sup> Capacity Contribution to Peak for Avoided Proxy Resource and Base Load Qualifying Facility resource are assumed 100%.

<sup>(2)</sup> The standard avoided cost price for wind is reduced by an integration charge of \$2.55/MWh (\$2012). If Wind Qualifying Facility is not in PacifiCorp's balancing authority area, then no reduction is required.



## AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

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#### **Avoided Cost Prices (Continued)**

#### Renewable Fixed Avoided Cost Prices

Fixed Prices ¢/kWh

Deliveries	Renewable Base Load QF (2)		Wind QF (3,4)		1	Solar QF (5)	
During	On-Peak	Off-Peak	On-Peak	Off-Peak		On-Peak	Off-Peak
Calendar	Energy	Energy	Energy	Energy		Energy	Energy
Year (1)	Price	Price	Price	Price		Price	Price
1 car (1)	(a)	(b)	(c)	(d)	j	(e)	(f)
2015					1		
2015	2.77	2.19	2.51	1.93		2.77	2.19
2016	2.87	2.20	2.60	1.93	ļ	2.87	2.20
2017	3.13	2.43	2.86	2.16		3.13	2.43
2018	3.38	2.54	3.10	2.26		3.38	2.54
2019	3.55	2.73	3.26	2.45		3.55	2.73
2020	3.82	2.93	3.53	2.64		3.82	2.93
2021	4.11	3.18	3.81	2.88		4.11	3.18
2022	4.41	3.44	4.10	3.14		4.41	3.44
2023	4.72	3.69	4.41	3.38		4.72	3.69
2024	11.96	7.05	8.67	6.73		9.28	7.05
2025	12.19	7.24	8.83	6.92		9.46	7.24
2026	12.36	7.51	8.93	7.18		9.56	7.51
2027	12.59	7.71	9.09	7.37		9.73	7.71
2028	12.82	7.91	9.24	7.57		9.91	7.91
2029	13.05	8.11	9.40	7.76		10.07	8.11
2030	13.27	8.32	9.55	7.96		10.24	8.32
2031	13.47	8.59	9.67	8.22		10.37	8.59
2032	13.78	8.75	9.90	8.37		10.62	8.75
2033	13.97	9.05	10.01	8.67		10.74	9.05
2034	14.17	9.36	10.13	8.97		10.88	9.36
2035	14.47	9.55	10.34	9.15		11.11	9.55
2036	14.85	9.65	10.63	9.25		11.42	9.65
2037	15.06	9.98	10.76	9.57		11.56	9.98
2038	15.58	9.94	11.19	9.51		12.00	9.94
2039	16.04	10.01	11.55	9.58		12.38	10.01
2040	16.38	10.22	11.80	9.77		12.65	10.22
2041	16.66	10.51	11.98	10.05		12.85	10.51

<sup>(1)</sup> For the purpose of determining: (i) when the Renewable Qualifying Facility is entitled to renewable avoided cost prices; and (ii) the ownership of Environmental Attributes and the transfer of Green Tags to PacifiCorp, the Renewable Resource Sufficiency Period ends December 31, 2023, and the Renewable Resource Deficiency Period begins January 1, 2024.

<sup>(2)</sup> The renewable avoided cost price during the Renewable Resource Deficiency Period (2024-2040) has been increased by an integration charge of \$2.55/MWh (\$2012).

<sup>(3)</sup> During the Renewable Resource Deficiency Period, the renewable avoided cost price for a Wind Qualifying Facility will be adjusted by adding the difference between the avoided integration costs and the Qualifying Facility's integration costs. If the Wind Qualifying Facility is in PacifiCorp's balancing authority area (BAA), the adjustment is zero (integration costs cancel each other out). If the Wind Qualifying Facility is not in PacifiCorp's BAA, \$2.55/MWh (\$2012) will be added for avoided integration charges.

<sup>(4)</sup> During Renewable Resource Sufficiency Period, the renewable avoided cost price for a Wind Qualifying Facility has been reduced by an integration charge of \$2.55/MWh (\$2012) for Wind Qualifying Facilities located in PacifiCorp's BAA (in-system). If a Wind Qualifying Facility is not in PacifiCorp's BAA, \$2.55/MWh (\$2012) will be added for avoided integration charges.

<sup>(5)</sup> The renewable avoided cost payment during the Renewable Resource Deficiency Period (2024-2040) has been increased by an integration charge of \$2.55/MWh (\$2012).



## AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

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#### **Qualifying Facilities Contracting Procedure**

Interconnection and power purchase agreements are handled by different functions within the Company. Interconnection agreements (both transmission and distribution level voltages) are handled by the Company's transmission function (PacifiCorp Transmission Services) while power purchase agreements are handled by the Company's merchant function (PacifiCorp Commercial and Trading).

It is recommended that the owner initiate its request for interconnection 18 months ahead of the anticipated in-service date to allow time for studies, negotiation of agreements, engineering, procurement, and construction of the required interconnection facilities. Early application for interconnection will help ensure that necessary interconnection arrangements proceed in a timely manner on a parallel track with negotiation of the power purchase agreement.

#### 1. Qualifying Facilities up to 10,000 kW

**APPLICATION:** To owners of existing or proposed QFs with a design capacity less than or equal to 10,000 kW who desire to make sales to the Company in the state of Oregon. Such owners will be required to enter into a written power purchase agreement with the Company pursuant to the procedures set forth below.

### I. Process for Completing a Power Purchase Agreement

#### A. Communications

Unless otherwise directed by the Company, all communications to the Company regarding QF power purchase agreements should be directed in writing as follows:

PacifiCorp Manager-QF Contracts 825 NE Multnomah St, Suite 600 Portland, Oregon 97232

The Company will respond to all such communications in a timely manner. If the Company is unable to respond on the basis of incomplete or missing information from the QF owner, the Company shall indicate what additional information is required. Thereafter, the Company will respond in a timely manner following receipt of all required information.



## AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

Page 8

#### B. Procedures

- 1. The Company's approved generic or standard form power purchase agreements may be obtained from the Company's website at <a href="www.pacificorp.com">www.pacificorp.com</a>, or if the owner is unable to obtain it from the website, the Company will send a copy within seven days of a written request.
- 2. In order to obtain a project specific draft power purchase agreement the owner must provide in writing to the Company, general project information required for the completion of a power purchase agreement, including, but not limited to:
  - (a) demonstration of ability to obtain QF status;
  - (b) design capacity (MW), station service requirements, and net amount of power to be delivered to the Company's electric system;
  - (c) generation technology and other related technology applicable to the site;
  - (d) proposed site location;
  - (e) schedule of monthly power deliveries;
  - (f) calculation or determination of minimum and maximum annual deliveries:
  - (g) motive force or fuel plan;
  - (h) proposed on-line date and other significant dates required to complete the milestones:
  - (i) proposed contract term and pricing provisions as defined in this Schedule (i.e., standard fixed price, renewable fixed price);
  - (j) status of interconnection or transmission arrangements;
  - (k) point of delivery or interconnection;
- 3. The Company shall provide a draft power purchase agreement when all information described in Paragraph 2 above has been received in writing from the QF owner. Within 15 business days following receipt of all information required in Paragraph 2, the Company will provide the owner with a draft power purchase agreement including current standard avoided cost prices and/or other optional pricing mechanisms as approved by the Public Utility Commission of Oregon in this Schedule 37.
- 4. If the owner desires to proceed with the power purchase agreement after reviewing the Company's draft power purchase agreement, it may request in writing that the Company prepare a final draft power purchase agreement. In connection with such request, the owner must provide the Company with any additional or clarified project information that the Company reasonably determines to be necessary for the preparation of a final draft power purchase agreement. Within 15 business days following receipt of all information requested by the Company in this paragraph 4, the Company will provide the owner with a final draft power purchase agreement.



## AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

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#### B. Procedures (continued)

- After reviewing the final draft power purchase agreement, the owner may either prepare another set of written comments and proposals or approve the final draft power purchase agreement. If the owner prepares written comments and proposals the Company will respond in 15 business days to those comments and proposals.
- 6. When both parties are in full agreement as to all terms and conditions of the draft power purchase agreement, the Company will prepare and forward to the owner within 15 business days, a final executable version of the agreement. Following the Company's execution a completely executed copy will be returned to the owner. Prices and other terms and conditions in the power purchase agreement will not be final and binding until the power purchase agreement has been executed by both parties.

#### II. Process for Negotiating Interconnection Agreements

[NOTE: Section II applies only to QFs connecting directly to PacifiCorp's electrical system. An off-system QF should contact its local utility or transmission provider to determine the interconnection requirements and wheeling arrangement necessary to move the power to PacifiCorp's system.]

In addition to negotiating a power purchase agreement, QFs intending to make sales to the Company are also required to enter into an interconnection agreement that governs the physical interconnection of the project to the Company's transmission or distribution system. The Company's obligation to make purchases from a QF is conditioned upon the QF completing all necessary interconnection arrangements. It is recommended that the owner initiate its request for interconnection 18 months ahead of the anticipated inservice date to help ensure that necessary interconnection arrangements proceed in a timely manner on a parallel track with negotiation of the power purchase agreement.

Because of functional separation requirements mandated by the Federal Energy Regulatory Commission, interconnection and power purchase agreements are handled by different functions within the Company. Interconnection agreements (both transmission and distribution level voltages) are handled by the Company's transmission function (including but not limited to PacifiCorp Transmission Services) while power purchase agreements are handled by the Company's merchant function (including but not limited to PacifiCorp's Commercial and Trading Group).



## AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

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## II. Process for Negotiating Interconnection Agreements (continued) A. Communications

Initial communications regarding interconnection agreements should be directed to the Company in writing as follows:

PacifiCorp Director – Transmission Services 825 NE Multnomah St, Suite 1600 Portland, Oregon 97232

Based on the project size and other characteristics, the Company will direct the QF owner to the appropriate individual within the Company's transmission function who will be responsible for negotiating the interconnection agreement with the QF owner. Thereafter, the QF owner should direct all communications regarding interconnection agreements to the designated individual, with a copy of any written communications to the address set forth above.

#### B. Procedures

Generally, the interconnection process involves (1) initiating a request for interconnection, (2) undertaking studies to determine the system impacts associated with the interconnection and the design, cost, and schedules for constructing any necessary interconnection facilities, and (3) executing an interconnection agreement to address facility construction, testing, acceptance, ownership, operation and maintenance issues. Consistent with PURPA and Oregon Public Utility Commission regulations, the owner is responsible for all interconnection costs assessed by the Company on a nondiscriminatory basis. For interconnections impacting the Company's Transmission and Distribution System, the Company will process the interconnection application through PacifiCorp Transmission Services.

### **EXHIBIT H**

### GREEN TAG ATTESTATION AND BILL OF SALE

Subject to Green Tags ownership as defined in Section 5.5, from the period commencing on and ending on, ("Seller") hereby sells, transfers and delivers to PacifiCorp the Green Tags (including all Green Tag Reporting Rights) associated with the generation of Net Output under the Power Purchase Agreement (Renewable Energy) between Seller and PacifiCorp dated [] (the "PPA"), as described below, in the amount of one Green Tag for each megawatt hour generated. Defined terms used in this Green Tag Attestation and Bill of Sale (as indicated by initial capitalization) shall have the meaning set forth in the PPA.					
Facility name	and location: Fuel Type:				
Capacity (MV	V): Operational Date:				
Energy Admir	n. ID no.:				
	Dates MWh generated				
Seller further	attests, warrants and represents, under penalty of perjury, as follows:				
i)	to the best of its knowledge, the information provided herein is true and correct;				
ii)	its sale to PacifiCorp is its one and only sale of the Green Tags referenced herein;				
iii)	the Facility generated Output in the amount indicated above; and				
iv)	to the best of Seller's knowledge, each of the Green Tags associated with the generation Output have been generated and sold by the Facility.				
This Green Tag Attestation and Bill of Sale confirms, in accordance with the PPA, the transfer from Seller to PacifiCorp all of Seller's right, title and interest in and to the Green Tags (including Green Tag Reporting Rights), as set forth above.					
Seller's Contac	ct Person: [				

WITNESS MY HAND,					
а					
Ву				1,0	
Its					
Date:					

This Attestation may be disclosed by Seller and PacifiCorp to others, including the Center for Resource Solutions and the public utility commissions having jurisdiction over PacifiCorp, to substantiate and verify the accuracy of PacifiCorp's advertising and public communication claims, as well as in PacifiCorp's advertising and other public communications.

#### ADDENDUM A

### Clarification of Certain Terms in the Power Purchase Agreement

Whereas, during the course of preparing this Power Purchase Agreement ("PPA"), the Parties discussed (1) the requirement for the Project to be designated a Network Resource by PacifiCorp, and (2) the need for line losses to be apportioned to multiple wind projects sharing the common gen-tie transmission line to the point of interconnection.

Whereas, Seller has elected step-in rights under Section 10.4 of the PPA as the form of security for its performance under the PPA.

Whereas, in order to minimize the likelihood of future dispute, the Parties wish to memorialize their intent and agreement with regard to the above issues.

NOW, THEREFORE, the Parties do hereby declare and agree as follows:

- 1. Capitalized Terms. Except as otherwise defined herein, all capitalized terms in this Addendum A shall have the meaning set forth in this PPA.
- 2. Network Resource Designation and Transmission Services. The Parties agree that Network Resource designation and transmission service obligations associated with such designation that are not described in the PPA are described in Addendum B to this PPA.
- 3. Changes in Security. Seller may, during the term of this PPA, substitute one form of credit security for another form of credit security allowed in Section 10 of the PPA, subject to PacifiCorp's consent, which shall not be unreasonably conditioned, delayed or withheld; *provided*, *that* PacifiCorp may review and approve (or disapprove) Seller's proposed substitution based on the criteria no more restrictive than PacifiCorp would have applied at the time of execution of this PPA.
- 4. **Retail Electric Service.** Recital E of the PPA does not provide the option for retail electric service by another utility to reflect the utility franchise rules in Oregon. Seller and PacifiCorp agree that under current Oregon rules, retail electric service shall be provided to Seller by Umatilla Electric Co-op and or Columbia Basin Electric Co-op. Addendum L further describes retail electric service.
- 4. Operation Prior to implementing Addendum L. Line loss and station service allocations are described in Addendum L to this PPA. Seller shall not generate and deliver energy to PacifiCorp prior to the execution of an agreement in the form of Addendum L by all parties (with such modifications reasonably acceptable to Seller and PacifiCorp). PacifiCorp's duty to pay Seller under this PPA is conditioned upon Seller's compliance with this Section.
- 5. Intent. Notwithstanding Section 22.1, or any other provision in the Power Purchase Agreement between Ox think World PacifiCorp (PPA), this Addendum A

## ADDENDUM A--Ctd

is an integral part of Seller's and PacifiCorp's PPA, executed contemporaneously therewith.

IN WITNESS WHEREOF, the Parties hereto acknowledge this Addendum A to be part of the Power Purchase Agreement between PacifiCorp and Seller.

Orchard Windform

PacifiCorp

By: Name: Bruce Griswold

Title: Director, Short-Term Origination

and QF Contracts

Name: John Brown

Title: Manager

# ADDENDUM B Transmission Services

PacifiCorp and Seller are parties to that certain Power Purchase Agreement executed the date last written below (the "PPA"). This Addendum B to the PPA is entered into by and between PacifiCorp and Seller and is intended to be interpreted and applied to the PPA.

Whereas, the Parties for their respective business purposes have an interest in exporting excess generation from the Facility if Seller generation exceeds load in the load area in the vicinity of the Point of Delivery specified in the PPA ("Excess Generation");

Whereas, PacifiCorp may determine it needs to contract with a third-party transmission provider per that party's Open Access Transmission Tariff ("OATT") to purchase firm point-to-point ("PTP") transmission to export Excess Generation out of the load area from the Facility to other PacifiCorp network loads.

NOW, THEREFORE, for independent consideration, the receipt and sufficiency of which is acknowledged by both Parties, the Parties do hereby declare and agree as follows:

Within 7 calendar days of the execution of the PPA, PacifiCorp will submit its request to PacifiCorp Transmission to designate the Facility as a Network Resource under PacifiCorp's Open Access Transmission Tariff.

Within 14 calendar days of PacifiCorp receiving PacifiCorp Transmission's report from the investigation into the designation of the Facility as a Network Resource, PacifiCorp shall notify Seller of the status of Network Resource designation by PacifiCorp Transmission and any conditions that PacifiCorp must meet for Network Resource designation. Upon request by Seller, PacifiCorp will provide a copy of the report prepared by PacifiCorp Transmission.

PacifiCorp agrees to require PacifiCorp Transmission to perform the study in accordance with its OATT and applicable law and regulations. Seller agrees to pay all PacifiCorp's costs, if any, required to purchase firm PTP transmission to export Excess Generation out of the load area from the Facility to other PacifiCorp network loads, as required to meet any conditions that PacifiCorp Transmission identified in the report and as required for Network Resource designation of the Facility. The Parties agree to modify the PPA to the extent necessary to incorporate such costs.

Seller shall be entitled to terminate the PPA subject to the terms and conditions of the PPA if the cost of meeting such conditions is unacceptable to Seller.

### ADDENDUM B--Ctd

This Addendum B to the PPA is made effective this	30 day of June , 2016
PacifiCom	Seller
Ву:	Ву:
Name: Bruce Griswold	Name: John Brown
Title: Director, Short-Term Origination and QF Contracts	Title: Manager
Date: 14/10 27, 10/0	Date: 6/30/10

#### ADDENDUM L

# STATION LOAD, LOSSES, and NET OUTPUT ALLOCATION ALGORITHM for the Morrow Projects

This Addendum L is hereby made a part of, and clarifies certain terms in, the thirteen Oregon Standard Firm Qualifying Facility Power Purchase Agreements for Intermittent Resources 10 MW or Less (the "PPAs") entered into between each of the Morrow Projects and PacifiCorp (d/b/a Pacific Power & Light Company), an Oregon corporation, acting in its regulated utility capacity ("PacifiCorp").

Nine Oregon limited liability companies (Sand Ranch Windfarm, LLC; Oregon Trail Windfarm, LLC; Ward Butte Windfarm, LLC; Pacific Canyon Windfarm, LLC; Four Mile Canyon Windfarm, LLC; Four Corners Windfarm, LLC; Big Top, LLC; Butter Creek Power, LLC; and Wagon Trail, LLC) (collectively "Echo Projects"), each own wind powered electric generation facilities which together comprise a complex of nine separate, Oregon standard wind Qualifying Facilities, that share collector wires, and the Echo Projects 34.5/69 kV substation ("Echo Collection Facilities").

Four Oregon limited liability companies (Orchard Windfarm 1, LLC; Orchard Windfarm 2, LLC; Orchard Windfarm 3, LLC; and Orchard Windfarm 4, LLC) (collectively "Orchard Projects"), each own wind powered electric generation facilities which together comprise a complex of four separate, Oregon standard wind Qualifying Facilities, that share collector wires, and the Orchard Projects 34.5/69 kV substation ("Orchard Collection Facilities").

Together the Echo Projects and the Orchard Projects comprise the "Morrow Projects", which share a 69 kV line, and related equipment ("Shared Interconnection Facilities"), which connect the Echo Projects substation and the Orchard Projects substation to the Point of Delivery. Each of the Morrow Projects and PacifiCorp are referred to herein individually as a "Party" or collectively as the "Parties".

The Echo Projects entered into PPAs with PacifiCorp between December 19, 2008 and June 19, 2009. This Addendum L supersedes and replaces each Addendum L to such Echo Projects' PPAs. The Orchard Projects are entering or have entered into PPAs with PacifiCorp on June 30, 2016. This Addendum L is hereby made a part each of the Orchard Projects' PPA. The Orchard Projects intend to develop new Qualifying Facilities that will own and use a share of the Shared Interconnection Facilities. For purposes of this Addendum L, "the Agreement" means the single PPA to which this Addendum L is attached. Capitalized terms not defined in this Addendum L shall have the meaning set forth in the Agreement.

PacifiCorp has agreed to buy (and Seller has agreed to sell), at the Point of Delivery, Seller's total energy output net of: (1) Seller's station service and collection system losses; (2) energy provided by Seller to other Morrow Project(s) to supply their station service load and collection system losses; (3) Seller's share of the transformation losses (items (1-3) together are Seller's "Station Auxiliary Load and Losses"); and (4) Seller's share of the losses on the Shared Interconnection Facilities. However, Seller and PacifiCorp agree that it is impossible to directly measure Seller's Station Auxiliary Load and Losses separate and apart from the Station Auxiliary Load and Losses of the other Morrow Projects. Therefore, in order to implement an objective, practicable, and equitable process by which PacifiCorp may quantify energy delivered by Seller to the Point of Delivery (net of its Station Auxiliary Load and Losses and its share of losses on the Shared Interconnection Facilities), and quantify the energy supplied to Seller at the Point of Delivery, the Parties do agree as follows:

#### A. Utility Roles and Obligations

The "Utility Supplier(s)" shall be the utility with the right (franchise) to provide retail electric service at the Facility (at the time this Addendum L becomes effective the Utility Supplier(s) are Umatilla Electric Co-op and or Columbia Basin Electric Co-op).

PacifiCorp shall own and maintain the metering at the Echo and Butter Creek substations and at the Point of Delivery and each month during the term of the Agreement, shall perform allocation calculations and electronically provide the results in table form to the Morrow Projects. The results of such calculations shall be used by PacifiCorp (in conjunction with the metered output of each individual Project) to determine Seller's Net Output in kWh and to enable the Utility Supplier(s) to render invoices for the energy supplied to the Morrow Projects to supply Station Auxiliary Load and Losses and line losses.

PacifiCorp shall have no obligation to serve any of the Morrow Projects' retail electric needs absent a separate written agreement with PacifiCorp and then only with the permission of Seller's Utility Supplier(s). Except as provided in this Addendum L, none of the costs associated with provision of retail electric service to Seller shall be borne by PacifiCorp.

Such calculations shall be based on the definitions and formulae below, with the raw data gathered from specified meters set to use a metering integration interval of 5, 10,15, or 60 minutes at PacifiCorp's election, to match the metering equipment installation PacifiCorp specified for the Morrow Projects, and be performed for each 60 minute period in the month ("Allocation Interval"). The Parties acknowledge that with the bi-directional metering at the Echo substation, at the Butter Creek substation, and at the Point of Delivery, it is possible for the Morrow Projects to sell Net Output and purchase retail energy during the same Allocation Interval.

### B. Billing Formulae

#### 1. **Definitions**

PALL<sub>T</sub> = the accumulated energy purchased from Utility Supplier(s), during an Allocation Interval, as determined at the Point of Delivery, to supply the net total Station Auxiliary Load and Losses plus the losses on the Shared Interconnection Facilities for Morrow Projects i = 1 to 13 whenever such total load and losses exceeds total generation output during such Allocation Interval.

OP<sub>i</sub> = the metered output energy of Morrow Project i, during an Allocation Interval, as determined by PacifiCorp's meter at the point where Morrow Project i connects to the Echo Collection Facilities or the Orchard Collection Facilities. For an Allocation Interval during which energy is supplied to a Project, such supplied energy is accumulated in a separate meter register and does not decrement the register used to measure accumulated OP<sub>i</sub>. Therefore OP<sub>i</sub> is by definition always greater than or equal to zero, and in the event the meter records OP<sub>i</sub> less than zero, OP<sub>i</sub> shall be deemed to equal zero.

 $OP_{Echo}$  = the sum of  $OP_i$  for all Echo Projects.

OP<sub>Butter</sub> = the sum of OP<sub>i</sub> for all Orchard Projects.

NO<sub>T</sub> = the total Net Output energy delivered to the Point of Delivery (69 kV Busbar of PacifiCorp's Hinkle substation) during an Allocation Interval. NO<sub>T</sub> shall be as measured at PacifiCorp's meter near the Point of Delivery (kWh), adjusted for any transformation losses between the location of the metering measurement devices and the Point of Delivery. For any Allocation Interval during which Utility Suppliers supply energy to the Morrow Projects at the Point of Delivery, such supplied energy is accumulated in a separate meter register of the PacifiCorp meter at the Point of Delivery and does not decrement the register used to measure accumulated Net Output energy. Therefore NO<sub>T</sub> is by definition always greater than or equal to zero and in the event the meter records NO<sub>T</sub> less than zero, NO<sub>T</sub> shall be deemed to equal zero.

NO<sub>Echo</sub> = the portion of NO<sub>T</sub> attributable to the nine Echo Projects during an Allocation Interval.

NO<sub>Butter</sub> = the portion of NO<sub>T</sub> attributable to the four Orchard Projects during an Allocation Interval.

- NO<sub>i</sub> = the net energy sold to PacifiCorp by Morrow Project i during an Allocation Interval.
- BDM = the total energy output delivered by the Orchard Projects at the Butter Creek substation during an Allocation Interval as measured by the PacifiCorp-owned bi-directional meter equipment located on the 69 kV side of the Butter Creek substation in kWh.
- BPM = the total energy used by the Orchard Projects at the Butter Creek substation during an Allocation Interval as measured by the PacifiCorp-owned bi-directional meter equipment located on the 69 kV side of the Butter Creek substation in kWh.
- EDM = the total energy output delivered by the Echo Projects at the Echo substation during an Allocation Interval as measured by the PacifiCorp-owned bi-directional meter equipment located on the 69 kV side of the Echo substation in kWh.
- EPM = the total energy used by the Echo Projects at the Echo substation during an Allocation Interval as measured by the PacifiCorp-owned bi-directional meter equipment located on the 69 kV side of the Echo substation in kWh.
- ELOSS = the share of the losses on the Shared Interconnection Facilities during an Allocation Interval deemed to be attributed to the Echo Projects generation of OP<sub>Echo</sub> as determined by the formula in Section G of this Addendum L based on the concurrent value of EDM, which formula shall be subject to revision from time to time in accordance with Section G of this Addendum L. In the event OP<sub>Echo</sub> is less than or equal to zero, ELOSS shall be deemed equal to zero in kWh.

#### 2. Calculations

Calculations shall be reconciled and settled monthly. Calculations shall be rounded to the nearest kilowatt-hour in the final step.

# (a). When Total Generation Output at the Point of Delivery <= Total Station Auxiliary Load and Losses

During an Allocation Interval, the contributions to the monthly billing determinants for the Echo Projects and the Orchard Projects purchases of energy from the Utility Supplier(s), to supply Station Auxiliary Load and Losses and any allocated shares of any associated losses on the Shared Interconnection Facilities, shall be determined with the following formulae:

Energy purchase monthly billing determinant contribution for the Echo Projects equals:

Zero, in the event  $PALL_T$  is equal to zero, and otherwise,  $EPM + [EPM / (EPM+BPM) * (PALL_T - EPM - BPM)]$  Energy purchase monthly billing determinant contribution for the Orchard Projects equals:

```
Zero, in the event PALL_T is equal to zero, and otherwise BPM + [BPM / (EPM+BPM) * (PALL_T - EPM - BPM)]
```

# (b). When Total Generation Output at the Point of Delivery > Total Station Auxiliary Load and Losses

During an Allocation Interval, the contributions to the monthly billing determinants for the Echo Projects and the Orchard Projects sale of Net Output to Pacificorp shall be determined with the following formulae:

```
NO_{Echo} = zero when EDM equals zero; and otherwise NO_{Echo} = the lesser of [EDM - ELOSS] and [NO<sub>T</sub>]; and
```

 $NO_{Butter}$  = zero when BDM equals zero; and otherwise  $NO_{Butter}$  = [  $NO_{T}$  -  $NO_{Echo}$  ];

For each Echo Project i:

$$NO_i = NO_{Echo} * [OP_i / OP_{Echo}]$$

For each Butter Creek Project i:

$$NO_i = NO_{Butter} * [OP_i / OP_{Butter}]$$

The Morrow Projects shall reconcile among themselves, as a matter independent of this Addendum L and the Agreement, any Allocation Intervals where EDM is zero and BDM is greater than zero, such that the Orchard Projects supplied the Station Auxiliary Load and Losses of the Echo Projects, EPM, resulting in a lesser NO<sub>Butter</sub> or where where BDM is zero and EDM is greater than zero, such that the Echo Projects supplied the Station Auxiliary Load and Losses of the Orchard Projects, BPM, resulting in a lesser NO<sub>Echo</sub> for such Allocation Intervals.

#### C. Limitation of PacifiCorp Purchase Liability

PacifiCorp's total purchase obligation to the Morrow Projects shall at no time exceed total energy delivered by the Morrow Projects to the Point of Delivery. Therefore, in the event the sum of the Net Output energy (calculated according to the preceding formulae) for all the Morrow Projects is greater than NO<sub>T</sub>, then PacifiCorp shall reduce calculated Net Output energy from each Morrow Project, *pro rata* each Morrow Project's share of the OP<sub>T</sub>, such that the total energy purchased from all the Morrow Projects at the Point of Delivery by PacifiCorp equals NO<sub>T</sub>.

#### D. PacifiCorp Right to Offset

In the event PacifiCorp determines it has underpaid one or more Morrow Projects (due to metering error or otherwise) and, as a result of underpaying one or more Morrow Projects, has overpaid Seller, PacifiCorp may adjust Seller's future payment(s) accordingly in order to recapture any overpayment received by Seller in a reasonable time.

#### E. Effective Date

This Addendum L was negotiated jointly among the Morrow Projects and PacifiCorp, and each of the Morrow Projects' assent to Addendum L is essential to the purposes of this Addendum L. Therefore, this Addendum L shall not become effective until the first day of the first month after (1) all of the Morrow Projects have delivered to PacifiCorp an executed copy of Addendum L and PacifiCorp has executed same; and (2) all meters necessary to perform the calculations in Section 2 are operational ("Addendum L Effective Date").

#### F. Recital E to the Power Purchase Agreement

The Parties' intentionally left blank the elective options in Recital E to their PPAs because neither option describes the Parties' intent. The Parties intend that, when NO<sub>T</sub> is greater than zero, Seller's full electric requirements will be served by its gross output or by the Net Output of other Morrow Projects. When NO<sub>T</sub> is less than or equal to zero, Seller's full electric requirements at the Point of Delivery will be served by Seller's Utility Supplier.

#### G. Echo Projects Shared Interconnection Facilities Loss Formula (ELOSS)

During an Allocation Interval, the amount of the total losses (kWh) on the Shared Interconnection Facilities attributed to the output of the Echo Projects, ELOSS, shall be determined by the following formula:

ELOSS = 
$$(3\text{-phase EDM/69})^2 * 1.1 / 1000$$

Where 3-phase EDM is the total energy delivered (kWh, measured at the Echo substation revenue meter) from the Echo Projects to the Echo substation during an Allocation Interval.

The Morrow Projects may, by unanimous agreement of the Morrow Projects, adjust the assumed loss formula (ELOSS) from time to time in order to more accurately approximate the line losses attributed to the generation from the Echo Projects on the Shared Interconnection Facilities in the absence of generation from the Orchard Projects. Any such adjustment may be communicated to PacifiCorp through the Morrow Project's duly authorized agent. Such adjustment(s) shall be effective for billing periods commencing 30 days after written notice of the adjustment to PacifiCorp. Adjustments to the ELOSS formula are subject to PacifiCorp's consent, which consent shall not be unreasonably withheld or delayed. Each Morrow Project at its request shall be entitled to all electronic records and data from the Morrow Projects at Hinkle and at the high-side meters located at the Echo Substation and the Butter Creek Substation.

H. Additional Meters. The cost to design install, and maintain meters at the 69kV side of the Echo substation and at the 69 kV side of the Butter Creek substation shall be paid by the Orchard Projects.

# I. Disclaimer; Limitation

The Parties acknowledge that the allocation of shared losses provided herein was agreed to by all of the Morrow Projects and PacifiCorp. PacifiCorp makes no warranty that the shared losses allocated among the Echo Projects will be equal to, less than, or greater than the shared line losses allocated among the Echo Projects under their previous Addenda L. This Addendum L shall not make any Morrow Project a party to any of the PPAs other than the PPA that Morrow Project has executed with PacifiCorp.

# I. Counterparts

This Addendum L may be executed in one or more duplicate counterparts, and when executed and delivered by all the Parties listed below, shall constitute a single binding agreement.

### J. Signatures

The individuals executing this Addendum L warrant that they have full authority to execute this Addendum L on behalf of the entity for whom they are acting herein.

IN WITNESS WHEREOF, the Parties by their officers thereunto duly authorized, have duly executed this Addendum L as of the date(s) provided below.

**PACIFICORP:** 

**PacifiCorp** 

By:

Name Bruce Griswold

Title: Director, QFs and

**Short-term Origination** 

Date: June 27, 2016

# **ECHO CO-OWNERS:**

Sand Ranch Windfarm, LLC		Oregon Trail Windfarm, LLC	
By:		Ву:	
	Name:	Name:	
	Title:	Title:	
	Date:	Date:	
Ward	d Butte Windfarm, LLC	Pacific Canyon Windfarm, LLC	ι ,
By:		By:	
	Name:	Name:	·····
	Title:	Title:	
	Date:	Date:	
Four Mile Canyon Windfarm, LLC		Four Corners Windfarm, LLC	
By:		Ву:	
	Name:	Name:	
	Title:	Title:	
	Date:	Date:	
Bit Top, LLC		Butter Creek Power, LLC	
By:		By:	
	Name:	Name:	
	Title:	Title:	
	Date:	Date:	
Wag	on Trail, LLC		
Ву:			
	Name:		
	Title:		
	Date:		

ORCHARD CO-OWNERS:	
Orchard Windfarm 1, LLC	Orchard Windfum 2, LLC
By:	By:
Name: John Brown	Name: John Brown
Title: Manager	Title: Manager
Date: 10/30/16	Date: 6/30/16
Orchard Windfarm 3, LLC  By:  Name: John Brown  Title: Manager	Orchard Windfarm 4, LLC  By:  Name: John Brown  Title Manager
Date: 6/30/16	Date: <u>6/35/16</u>

# POWER PURCHASE AGREEMENT

# **BETWEEN**

# ORCHARD WINDFARM 2, LLC

[a new Firm Qualifying Facility with 10,000 kW Facility Capacity Rating, or Less and an Intermittent Resource with Mechanical Availability Guarantee]

### **AND**

### **PACIFICORP**

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Oregon Standard Power Purchase Agreement (MAG QF), effective \_\_\_\_\_\_, 2014

ADDENDUM A: CLARIFICATION OF CERTAIN TERMS IN THE POWER PURCHASE

**AGREEMENT** 

ADDENDUM B: TRANSMISSION SERVICES

ADDENDUM L: STATION LOAD, LOSSES, AND NET OUTPUT ALLOCATION

ALGORITHM FOR THE MORROW PROJECTS

#### POWER PURCHASE AGREEMENT

#### **RECITALS**

- A. Seller intends to construct, own, operate and maintain a wind generation facility for the generation of electric power, including interconnection facilities, located in Morrow County and/or Umatilla County, Oregon with a Facility Capacity Rating of 10,000 kilowatts (kW) as further described in **Exhibit A** and **Exhibit B** ("Facility"); and
- B. Seller intends to commence delivery of Net Output under this Agreement, for the purpose of Start-up Testing, on October 1, 2019 ("Scheduled Initial Delivery Date"); and
- C. Seller intends to operate the Facility as a Qualifying Facility, commencing commercial operations on October 1, 2020 ("Scheduled Commercial Operation Date") which shall be established as no later than three years after Effective Date subject to Section 2.3; and
- D. Seller estimates that the average annual Net Energy to be delivered by the Facility to PacifiCorp is 28,993,861 kilowatt-hours (kWh), which amount of energy PacifiCorp will include in its resource planning; and
- E. Seller shall (choose one)  $\boxtimes$  sell all Net Output to PacifiCorp and purchase its full electric requirements from PacifiCorp  $\square$  sell Net Output surplus to its needs at the Facility site to PacifiCorp and purchase partial electric requirements service from PacifiCorp, in accordance with the terms and conditions of this Agreement; and
- F. This Agreement is a "New QF Contract" under the PacifiCorp Inter-Jurisdictional Cost Allocation Protocol in effect on the Effective Date.

#### **AGREEMENT**

NOW, THEREFORE, the Parties mutually agree as follows:

# **Section 1: DEFINITIONS**

When used in this Agreement, the following terms shall have the following meanings:

- 1.1 "As-built Supplement" shall be a supplement to Exhibit A and Exhibit B, provided by Seller following completion of construction of the Facility, describing the Facility as actually built.
- 1.2 "Availability" means the percentage of time that the Facility is capable of producing Net Energy during a Contract Year. The percentage of time during a Contract Year that the Facility is available to produce power is calculated as follows:

# % Availability ={[(H x N)-(Sum of Downtime Hrs for N Turbines)]/(H x N)} x 100%

where H is the number of hours in the Contract Year and N is the number of turbines comprising the Facility. Downtime Hours (calculated in 10 minute increments), for each individual unit includes minutes in which the unit is not in "run" status, or is in "run" status but faulted (including any delay in resetting a fault). Notwithstanding the previous sentence, Downtime Hours does not include minutes that a unit is unavailable due to (i) an event of Force Majeure; (ii) a default by PacifiCorp under this Agreement; (iii) Lack of Motive Force at times when the Facility would otherwise be available (including the normal amount of time required by the generating equipment to resume operations following a Lack of Motive Force); or (iv) outages scheduled at least 90 days in advance with PacifiCorp's written consent, up to 200 hours per unit per year.

- 1.3 "Average Annual Generation" shall have the meaning set forth in Section 4.2.
- 1.4 "Billing Period" means, unless otherwise agreed to, the time period between PacifiCorp's consecutive readings of its power purchase billing meter at the Facility in the normal course of PacifiCorp's business. Such periods typically range between twenty-seven (27) and thirty-four (34) days and may not coincide with calendar months.
- 1.5 "CAMD" means the Clean Air Markets Division of the Environmental Protection Agency or successor administrator, or any state or federal entity given jurisdiction over a program involving transferability of Green Tags.
- 1.6 "Commercial Operation Date" means the date that the Facility is deemed by PacifiCorp to be fully operational and reliable, which shall require, among other things, that all of the following events have occurred:
  - 1.6.1 PacifiCorp has received a certificate addressed to PacifiCorp from a Licensed Professional Engineer stating (a) the Facility Capacity Rating of the Facility at the anticipated Commercial Operation Date; and (b) that the

Facility is able to generate electric power reliably in amounts required by this Agreement and in accordance with all other terms and conditions of this Agreement;

- 1.6.2 The Facility has completed Start-Up Testing;
- 1.6.3 PacifiCorp has received a certificate addressed to PacifiCorp from a Licensed Professional Engineer stating that, (a), in accordance with the Generation Interconnection Agreement, all required interconnection facilities and metering have been constructed, all required interconnection tests have been completed and the Facility is physically interconnected with PacifiCorp's electric system, and (b) if the Facility consists of multiple wind generation facilities on a common transmission line, the required metering equipment has been completed and tested in conformance with Section 8 of this Agreement (or if the Facility is interconnected with another electric utility that will wheel Net Output to PacifiCorp, all required interconnection facilities and metering equipment have been completed and tested and are in place to allow for such wheeling);
- 1.6.4 PacifiCorp has received a certificate addressed to PacifiCorp from an attorney in good standing in the State of Oregon stating that Seller has obtained all Required Facility Documents and if requested by PacifiCorp, in writing, has provided copies of any or all such requested Required Facility Documents. (Facilities over 200 kW only).
- 1.6.5 Seller has complied with the security requirements of Section 10.
- 1.6.6 PacifiCorp has received an executed copy of **Exhibit F**—Seller's Interconnection Request.
- 1.7 "Commission" means the Oregon Public Utilities Commission.
- 1.8 "Contract Price" means the applicable price for capacity or energy, or both capacity and energy, stated in Sections 5.1, 5.2, and 5.3.
- 1.9 "Contract Year" means a twelve (12)- month period commencing at 00:00 hours Pacific Prevailing Time ("PPT") on January 1 and ending on 24:00 hours PPT on December 31; provided, however, that the first Contract Year shall commence on the Commercial Operation Date and end on the next succeeding December 31, and the last Contract Year shall end on the Termination Date.
- 1.10 "Credit Requirements" means a long-term credit rating (corporate or long-term senior unsecured debt) of (1) "Baa3" or greater by Moody's, or (2) "BBB-" or greater by S&P, or such other indicia of creditworthiness acceptable to PacifiCorp in its reasonable judgment.
- 1.11 "Cut-in Speed" means the wind speed at which a stationary wind turbine begins producing Net Energy, as specified by the turbine manufacturer, and set forth in Exhibit A.

- 1.12 "Default Security", unless otherwise agreed to by the Parties in writing, means the amount of either a Letter of Credit or cash placed in an escrow account sufficient to replace twelve (12) average months of replacement power costs over the term of this Agreement, and shall be calculated by taking the average, over the term of this Agreement, of the positive difference between (a) the monthly forward power prices at Mid-C (as determined by PacifiCorp in good faith using information from a commercially reasonable independent source), multiplied by 110%, minus (b) the average of the Fixed Avoided Cost Prices specified in Schedule 37, and multiplying such difference by (c) 25% of the Average Annual Generation provided, however, the amount of Default Security shall in no event be less than the amount equal to the payments PacifiCorp would make for three (3) average months based on Seller's average monthly volume over the term of this Agreement and utilizing the average Fixed Avoided Cost Prices specified in Schedule 37. Such amount shall be fixed at the Effective Date of this Agreement.
  - 1.13 "Effective Date" shall have the meaning set forth in Section 2.1.
  - 1.14 "Energy Delivery Schedule" shall have the meaning set forth in Section 4.4.
- 1.15 "Environmental Attributes" shall mean any and all claims, credits, benefits, emissions reductions, offsets, and allowances, howsoever entitled, resulting from the avoidance of the emission of any gas, chemical, or other substance to the air, soil or water. Environmental Attributes include but are not limited to: (1) any avoided emissions of pollutants to the air, soil, or water such as (subject to the foregoing) sulfur oxides (SOx), nitrogen oxides (NOx), carbon monoxide (CO), and other pollutants; and (2) any avoided emissions of carbon dioxide (CO2), methane (CH4), and other greenhouse gases (GHGs) that have been determined by the United Nations Intergovernmental Panel on Climate Change to contribute to the actual or potential threat of altering the Earth's climate by trapping heat in the atmosphere.
- 1.16 "Excess Output" shall mean any increment of Net Output delivered at a rate, on an hourly basis, exceeding the Facility Capacity Rating.
  - 1.17 "Facility" shall have the meaning set forth in Recital A.
- 1.18 "Facility Capacity Rating" means the sum of the Nameplate Capacity Ratings for all generators comprising the Facility.
  - 1.19 "FERC" means the Federal Energy Regulatory Commission, or its successor.
- 1.20 "Mechanical Availability Guarantee" shall have the meaning set forth in Section 4.3.1.
- 1.21 "Generation Interconnection Agreement" means the generation interconnection agreement to be entered into separately between Seller and PacifiCorp's transmission or distribution department, as applicable, providing for the construction, operation, and maintenance of PacifiCorp's interconnection facilities required to accommodate deliveries of Seller's Net Output if the Facility is to be interconnected directly with PacifiCorp rather than another electric utility.

- 1.22 "Green Tags" means (1) the Environmental Attributes associated with all Net Output, together with (2) all WREGIS Certificates; and (3) the Green Tag Reporting Rights associated with such energy, Environmental Attributes and WREGIS Certificates, however commercially transferred or traded under any or other product names, such as "Renewable Energy Credits," "Green-e Certified", or otherwise. One (1) Green Tag represents the Environmental Attributes made available by the generation of one (1) MWh of energy from the Facility. Provided however, that "Green Tags" do not include Environmental Attributes that are greenhouse gas offsets from methane capture not associated with the generation of electricity and not needed to ensure that there are zero net emissions associated with the generation of electricity.
- 1.23 "Green Tag Reporting Rights" means the exclusive right of a purchaser of Green Tags to report exclusive ownership of Green Tags in compliance with federal or state law, if applicable, and to federal or state agencies or other parties at such purchaser's discretion, and include reporting under Section 1605(b) of the Energy Policy Act of 1992, or under any present or future domestic, international, or foreign emissions trading program or renewable portfolio standard.
- 1.24 "Lack of Motive Force" means temporary lack, due to natural causes, of: sunlight (for a solar powered facility), water (for a hydropower facility), current or wave amplitude (for a wave energy facility), or Sufficient Wind (for a wind turbine facility). Lack of Motive Force does not include lack of any motive force due to voluntary actions taken by Seller (e.g. lease or sale of water rights).
- 1.25 "Letter of Credit" means an irrevocable standby letter of credit, from an institution that has a long-term senior unsecured debt rating of "A" or greater from S&P or "A2" or greater from Moody's, in a form reasonably acceptable to PacifiCorp, naming PacifiCorp as the party entitled to demand payment and present draw requests thereunder.
- 1.26 "Licensed Professional Engineer" means a person acceptable to PacifiCorp in its reasonable judgment who is licensed to practice engineering in the state of Oregon, who has no economic relationship, association, or nexus with the Seller, and who is not a representative of a consulting engineer, contractor, designer or other individual involved in the development of the Facility, or of a manufacturer or supplier of any equipment installed in the Facility. Such Licensed Professional Engineer shall be licensed in an appropriate engineering discipline for the required certification being made.
- 1.27 "Material Adverse Change" means the occurrence of any event of default under any material agreement to which Seller is a party and of any other development, financial or otherwise, which would have a material adverse effect on Seller, the Facility or Seller's ability to develop, construct, operate, maintain or own the Facility as provided in this Agreement.
- 1.28 "Nameplate Capacity Rating" means the full-load electrical quantities assigned by the designer to a generator and its prime mover or other piece of electrical equipment, such as transformers and circuit breakers, under standardized conditions, expressed in amperes, kilovoltamperes, kilowatts, volts, or other appropriate units. Usually indicated on a nameplate attached to the individual machine or device.

- 1.29 "Net Energy" means the energy component, in kWh, of Net Output.
- 1.30 "Net Output" means all energy and capacity produced by the Facility, less station use and less transformation and transmission losses and other adjustments (e.g., Seller's load other than station use), if any. For purposes of calculating payment under this Agreement, Net Output of energy shall be the amount of energy flowing through the Point of Delivery.
- 1.31 "Net Replacement Power Costs" shall have the meaning set forth in Section 11.4.1.
  - 1.32 "Off-Peak Hours" means all hours of the week that are not On-Peak Hours.
- 1.33 "On-Peak Hours" means the hours between 6 a.m. Pacific Prevailing Time ("PPT") and 10 p.m. PPT, Mondays through Saturdays, excluding all hours occurring on holidays as provided in Schedule 37.
  - 1.34 "Output Shortfall" shall have the meaning set forth in Section 4.3.2
- 1.35 "Point of Delivery" means the high side of the Seller's step-up transformer(s) located at the point of interconnection between the Facility and PacifiCorp's distribution/ transmission system, as specified in the Generation Interconnection Agreement, or, if the Facility is not interconnected directly with PacifiCorp, the point at which another utility will deliver the Net Output to PacifiCorp as specified in Exhibit B.
- 1.36 "Prime Rate" means the publicly announced prime rate for commercial loans to large businesses with the highest credit rating in the United States in effect from time to time quoted by Citibank, N.A. If a Citibank, N.A. prime rate is not available, the applicable Prime Rate shall be the announced prime rate for commercial loans in effect from time to time quoted by a bank with \$10 billion or more in assets in New York City, New York, selected by the Party to whom interest based on the Prime Rate is being paid.
- 1.37 "Prudent Electrical Practices" means any of the practices, methods and acts engaged in or approved by a significant portion of the electrical utility industry or any of the practices, methods or acts, which, in the exercise of reasonable judgment in the light of the facts known at the time a decision is made, could have been expected to accomplish the desired result at the lowest reasonable cost consistent with reliability, safety and expedition. Prudent Electrical Practices is not intended to be limited to the optimum practice, method or act to the exclusion of all others, but rather to be a spectrum of possible practices, methods or acts.
- 1.38 "QF" means "Qualifying Facility," as that term is defined in the FERC regulations (codified at 18 CFR Part 292) in effect on the Effective Date.
- 1.39 "Renewable Resource Deficiency Period" means the period from January 1, 2024 through the Termination Date.
- 1.40 "Renewable Resource Sufficiency Period" means the period from Initial Delivery Date through December 31, 2023.

- 1.41 "Replacement Price" means the price at which PacifiCorp, acting in a commercially reasonable manner, purchases for delivery at the Point of Delivery a replacement for any Net Output that Seller is required to deliver under this Agreement plus (i) costs reasonably incurred by PacifiCorp in purchasing such replacement Net Output, and (ii) additional transmission charges, if any, reasonably incurred by PacifiCorp in causing replacement energy to be delivered to the Point of Delivery. If PacifiCorp elects not to make such a purchase, the Replacement Price shall be the market price at the Mid-Columbia trading hub for such energy not delivered, plus any additional cost or expense incurred as a result of Seller's failure to deliver, as determined by PacifiCorp in a commercially reasonable manner (but not including any penalties, ratcheted demand or similar charges).
- 1.42 "Required Facility Documents" means all licenses, permits, authorizations, and agreements, including a Generation Interconnection Agreement or equivalent, necessary for construction, operation, and maintenance of the Facility consistent with the terms of this Agreement, including without limitation those set forth in Exhibit C.
- 1.43 "Schedule 37" means the Schedule 37 of Pacific Power & Light Company's Commission-approved tariffs, providing pricing options for Qualifying Facilities of 10,000 kW or less, which is in effect on the Effective Date of this Agreement. A copy of that Schedule 37 is attached as **Exhibit G**.
- 1.44 "Scheduled Commercial Operation Date" shall have the meaning set forth in Recital C.
  - 1.45 "Scheduled Initial Delivery Date" shall have the meaning set forth in Recital B.
- 1.46 "Start-Up Testing" means the completion of required factory and start-up tests as set forth in Exhibit E hereto.
- 1.47 "Sufficient Wind" means any hour during which the average wind speed is equal to or greater than the manufacturer's rated Cut-in Speed for the wind turbines comprising the Facility.
  - 1.48 "Termination Date" shall have the meaning set forth in Section 2.4.
- 1.49 "WREGIS" means the Western Renewable Energy Generation Information System or successor organization in case WREGIS is ever replaced.
- 1.50 "WREGIS Certificate" means "Certificate" as defined by WREGIS in the WREGIS Operating Rules dated July 15, 2013.
- 1.51 "WREGIS Operating Rules" means the operating rules and requirements adopted by WREGIS, dated July 15, 2013.

### Section 2: TERM; COMMERCIAL OPERATION DATE

- 2.1 This Agreement shall become effective after execution by both Parties ("Effective Date").
- 2.2 Time is of the essence for this Agreement, and Seller's ability to meet certain requirements prior to the Commercial Operation Date and to deliver Net Output by the Scheduled Commercial Operation Date is critically important. Therefore,
  - 2.2.1 By September 1, 2016, Seller shall provide PacifiCorp with a copy of an executed Generation Interconnection Agreement, or wheeling agreement, as applicable, which shall be consistent with all material terms and requirements of this Agreement.
  - 2.2.2 Upon completion of construction, Seller, in accordance with Section 6.1, shall provide PacifiCorp with an As-built Supplement acceptable to PacifiCorp;
  - 2.2.3 By the date thirty (30) days after the Effective Date, Seller shall provide Default Security required under Sections 10.1 or 10.2, as applicable.
- 2.3 Seller shall cause the Facility to achieve Commercial Operation on or before the Scheduled Commercial Operation Date. Seller shall have the option to propose a Scheduled Commercial Operation Date beyond three years from the Effective Date. Unless Seller and PacifiCorp agree in writing that a later Scheduled Commercial Operation Date is reasonable and necessary, the Scheduled Commercial Operation Date shall be no more than three years from the date the Effective Date. PacifiCorp will not unreasonably withhold its agreement that a Scheduled Commercial Operation Date beyond the three-year period is reasonable and necessary. If Commercial Operation occurs after the Scheduled Commercial Operation Date, Seller shall be in default, and liable for delay damages specified in Section 11.
- 2.4 Except as otherwise provided herein, this Agreement shall terminate on June 30, 2039 [enter Date that is no later than 20 years after the Scheduled Initial Delivery Date] ("Termination Date").

#### **Section 3: REPRESENTATIONS AND WARRANTIES**

- 3.1 PacifiCorp represents, covenants, and warrants to Seller that:
  - 3.1.1 PacifiCorp is duly organized and validly existing under the laws of the State of Oregon.
  - 3.1.2 PacifiCorp has the requisite corporate power and authority to enter into this Agreement and to perform according to the terms of this Agreement.

- 3.1.3 PacifiCorp has taken all corporate actions required to be taken by it to authorize the execution, delivery and performance of this Agreement and the consummation of the transactions contemplated hereby.
- 3.1.4 The execution and delivery of this Agreement does not contravene any provision of, or constitute a default under, any indenture, mortgage, or other material agreement binding on PacifiCorp or any valid order of any court, or any regulatory agency or other body having authority to which PacifiCorp is subject.
- 3.1.5 This Agreement is a valid and legally binding obligation of PacifiCorp, enforceable against PacifiCorp in accordance with its terms (except as the enforceability of this Agreement may be limited by bankruptcy, insolvency, bank moratorium or similar laws affecting creditors' rights generally and laws restricting the availability of equitable remedies and except as the enforceability of this Agreement may be subject to general principles of equity, whether or not such enforceability is considered in a proceeding at equity or in law).
- 3.2 Seller represents, covenants, and warrants to PacifiCorp that:
  - 3.2.1 Seller is a limited liability company duly organized and validly existing under the laws of Oregon.
  - 3.2.2 Seller has the requisite power and authority to enter into this Agreement and to perform according to the terms hereof, including all required regulatory authority to make wholesale sales from the Facility.
  - 3.2.3 Seller has taken all actions required to authorize the execution, delivery and performance of this Agreement and the consummation of the transactions contemplated hereby.
  - 3.2.4 The execution and delivery of this Agreement does not contravene any provision of, or constitute a default under, any indenture, mortgage, or other material agreement binding on Seller or any valid order of any court, or any regulatory agency or other body having authority to which Seller is subject.
  - 3.2.5 This Agreement is a valid and legally binding obligation of Seller, enforceable against Seller in accordance with its terms (except as the enforceability of this Agreement may be limited by bankruptcy, insolvency, bank moratorium or similar laws affecting creditors' rights generally and laws restricting the availability of equitable remedies and except as the enforceability of this Agreement may be subject to general principles of equity, whether or not such enforceability is considered in a proceeding at equity or in law).

- 3.2.6 The Facility is and shall for the term of this Agreement continue to be a QF, and Seller will operate the Facility in a manner consistent with its FERC QF certification. Seller has provided to PacifiCorp the appropriate QF certification (which may include a FERC self-certification) prior to PacifiCorp's execution of this Agreement. At any time during the term of this Agreement, PacifiCorp may require Seller to provide PacifiCorp with evidence satisfactory to PacifiCorp in its reasonable discretion that the Facility continues to qualify as a QF under all applicable requirements and, if PacifiCorp is not satisfied that the Facility qualifies for such status, a written legal opinion from an attorney who is (a) in good standing in the state of Oregon, and (b) who has no economic relationship, association or nexus with the Seller or the Facility, stating that the Facility is a QF and providing sufficient proof (including copies of all documents and data as PacifiCorp may request) demonstrating that Seller has maintained and will continue to maintain the Facility as a QF.
- 3.2.7 Compliance with Ownership Requirements in Commission Proceedings No. UM 1129 and UM 1610. Seller will not make any changes in its ownership, control, or management during the term of this Agreement that would cause it to not be in compliance with the definition of a Small Cogeneration Facility or Small Power Production Facility provided in PacifiCorp's Schedule 37 tariff approved by the Commission at the time this Agreement is executed. Seller will provide, upon request by PacifiCorp not more frequently than every 36 months, such documentation and information as reasonably may be required to establish Seller's continued compliance with such Definition. PacifiCorp agrees to take reasonable steps to maintain the confidentiality of any portion of the above-described documentation and information that the Seller identifies as confidential except PacifiCorp will provide all such confidential information the Public Utility Commission of Oregon upon the Commission's request. These ownership requirements, as well as the dispute resolution provision governing any disputes over a QF's entitlement to the standard rates and standard contract with respect to the requirements, are detailed in Schedule 37.
- 3.2.8 <u>Additional Seller Creditworthiness Warranties</u>. Seller need not post security under Section 10 for PacifiCorp's benefit in the event of Seller default, provided that Seller warrants all of the following:
  - (a) Neither the Seller nor any of its principal equity owners is or has within the past two (2) years been the debtor in any bankruptcy proceeding, is unable to pay its bills in the ordinary course of its business, or is the subject of any legal or regulatory action, the result of which could reasonably be expected to impair Seller's ability to own and operate the Facility in accordance with the terms of this Agreement.

- (b) Seller has not at any time defaulted in any of its payment obligations for electricity purchased from PacifiCorp.
- (c) Seller is not in default under any of its other agreements and is current on all of its financial obligations, including construction related financial obligations.
- (d) Seller owns, and will continue to own for the term of this Agreement, all right, title and interest in and to the Facility, free and clear of all liens and encumbrances other than liens and encumbrances related to third-party financing of the Facility.
- (e) [Applicable only to Seller's with a Facility having a Facility Capacity Rating greater than 3,000 kW] Seller meets the Credit Requirements.

Seller hereby declares (Seller initial one only):

Seller affirms and adopts all warranties of this Section 3.2.8, and therefore is not required to post security under Section 10; or

Seller does not affirm and adopt all warranties of this Section 3.2.8, and therefore Seller elects to post the security specified in Section 10.

3.3 <u>Notice</u>. If at any time during this Agreement, any Party obtains actual knowledge of any event or information which would have caused any of the representations and warranties in this Section 3 to have been materially untrue or misleading when made, such Party shall provide the other Party with written notice of the event or information, the representations and warranties affected, and the action, if any, which such Party intends to take to make the representations and warranties true and correct. The notice required pursuant to this Section shall be given as soon as practicable after the occurrence of each such event.

#### Section 4: DELIVERY OF POWER AND PERFORMANCE GUARANTEE

- 4.1 Commencing on the Commercial Operation Date, unless otherwise provided herein, Seller will sell and PacifiCorp will purchase (a) all Net Output from the Facility delivered to the Point of Delivery and (b) all Green Tags associated with the output or otherwise resulting from the generation of energy by the Facility (which shall come from the Facility and from no other source), for the periods during which the Green Tags are required to be transferred to PacifiCorp under the terms of Section 5.5.
- 4.2 Average Annual Generation. Seller estimates that the Facility will generate, on average, 28,993,861 kWh per Contract Year ("Average Annual Generation"). Seller may, upon at least six months prior written notice, modify the Average Annual Generation every other Contract Year.

### 4.3 Performance Guaranty.

- 4.3.1 Mechanical Availability Guarantee. Seller guarantees that the annual Availability of the Facility (the "Mechanical Availability Guarantee") for (i) the first Contract Year shall be no less than 0.80, and (ii) for the second Contract Year shall be no less than 0.85. Beginning with the third Contract Year and for each Contract Year thereafter, the Mechanical Availability Guarantee for each Contract Year shall be 0.90, with such annual Availability to be calculated for purposes of this Section 4.3.1 for each Contract Year. Seller shall pay PacifiCorp liquidated damages under Section 11.4.1 if the Availability in any given Contract Year falls below the Mechanical Availability Guarantee for the Contract Year.
- 4.4 Energy Delivery Schedule. Seller has provided a monthly schedule of Net Energy expected to be delivered by the Facility ("Energy Delivery Schedule"), incorporated into Exhibit D.
- Transfer of Title to Green Tags; Documentation of Green Tags Transfers. Subject 4.5 to the Green Tags ownership as defined in Section 5.5, title to the Green Tags shall pass from Seller to PacifiCorp immediately upon the generation of the Net Output at the Facility that gives rise to such Green Tags. The Parties shall execute all additional documents and instruments reasonably requested by PacifiCorp in order to further document the transfer of the Green Tags to PacifiCorp or its designees. Without limiting the generality of the foregoing, Seller shall, on or before the 10th day of each month, deliver to PacifiCorp a Green Tags Attestation and Bill of Sale in the form attached as Exhibit H for all Green Tags delivered to PacifiCorp hereunder in the preceding month, along with any attestation that is then-current with the Center for Resource Solution's Green-e program or successor organization in case the Center for Resource Solutions is replaced by another party over the life of the contract. Seller, at its own cost and expense, shall register with, pay all fees required by, and comply with, all reporting and other requirements of WREGIS relating to the Facility or Green Tags, except that when Seller is required to transfer Green Tags to PacifiCorp under Section 5.5, PacifiCorp will pay all fees required by WREGIS relating to the Green Tags. Seller shall ensure that the Facility will participate in and comply with, during the Term, all aspects of WREGIS. Seller will use WREGIS as required pursuant to the WREGIS Operating Rules to effectuate the transfer of WREGIS Certificates to PacifiCorp, and transfer such WREGIS Certificates to PacifiCorp, in accordance with WREGIS reporting protocols and WREGIS Operating Rules. Seller may either elect to enter into a Qualified Reporting Entity Services Agreement with PacifiCorp in a form approved by PacifiCorp, enter into a Qualified Reporting Entity Services Agreement with a third-party authorized to act as a Qualified Reporting Entity, or elect to act as its own WREGIS-Seller shall promptly give PacifiCorp copies of all defined Oualified Reporting Entity. documentation it submits to WREGIS. Further, in the event of the promulgation of a scheme involving Green Tags administered by CAMD, upon notification by CAMD that any transfer contemplated by this Agreement will not be recorded, the Parties shall promptly cooperate in taking all reasonable actions necessary so that such transfers can be recorded. Seller shall not report under Section 1605(b) of the Energy Policy Act of 1992 or under any applicable program that any of the Green Tags purchased by PacifiCorp hereunder belong to any person other than Without limiting the generality of PacifiCorp's ownership of the Green Tag

Reporting Rights, PacifiCorp may report under such program that such Green Tags purchased hereunder belong to it. Each Party shall promptly give the other Party copies of all documents it submits to the CAMD to effectuate any transfer. Seller shall reasonably cooperate in any registration by PacifiCorp of the Facility in the renewable portfolio standard or equivalent program in all such further states and programs in which PacifiCorp may wish to register or maintain registration of the Facility by providing copies of all such information as PacifiCorp reasonably required for such registration.

#### **Section 5: PURCHASE PRICES**

5.1 Seller shall have the option to select one of three pricing options: Standard Fixed Avoided Cost Prices ("Fixed Price Standard"), Renewable Fixed Avoided Cost Prices ("Fixed Price Renewable"), or Firm Market Indexed Avoided Cost Prices ("Firm Electric Market"), as published in Schedule 37. Once an option is selected the option will remain in effect for the duration of the Facility's contract. Seller has selected the following (Seller to initial one):

	Fixed Price Standard
<u>X</u>	Fixed Price Renewable
	Firm Electric Market

A copy of Schedule 37, and a table summarizing the purchase prices under the pricing option selected by Seller, is attached as **Exhibit G**.

- 5.2 (Fixed Price Standard Seller Only). In the event Seller elects the Fixed Price Standard pricing method, PacifiCorp shall pay Seller the applicable On-Peak and Off-Peak rates specified in **Schedule 37** during the first fifteen (15) years after the Scheduled Initial Delivery Date. Thereafter, PacifiCorp shall pay Seller Firm Electric Market.
- 5.3 (Fixed Price Renewable Seller Only). In the event Seller elects the Fixed Price Renewable pricing method, PacifiCorp shall pay Seller the applicable On-Peak and Off-Peak rates specified in **Schedule 37** during the first fifteen (15) years after the Scheduled Initial Delivery Date. Thereafter, PacifiCorp shall pay Seller Firm Electric Market.
- 5.4 For all Excess Output and for all Net Output delivered prior to the Commercial Operation Date, PacifiCorp shall pay Seller 93 percent of a blended market index price for day-ahead firm energy at Mid-Columbia, California Oregon Border (COB), Four Corners and Palo Verde market indices as reported by the Intercontinental Exchange (ICE), for the On-Peak and Off-Peak periods. PacifiCorp shall document its calculation of the blended rate, upon request, to Seller. Such payment will be accomplished by adjustments pursuant to Section 9.2
  - 5.5 Environmental Attributes
  - 5.5.1 (<u>Fixed Price Standard Seller Only</u>): PacifiCorp waives any claim to Seller's ownership of Environmental Attributes under this Agreement throughout the Term.

5.5.2 (<u>Fixed Price Renewable Seller Only</u>): PacifiCorp waives any claim to Seller's ownership of Environmental Attributes during the Renewable Resource Sufficiency Period, and any period within the Term of this Agreement after completion of the first fifteen (15) years after the Scheduled Initial Delivery Date. Subject to the foregoing, Seller shall transfer the Green Tags to PacifiCorp in accordance with Section 4.5 during the Renewable Resource Deficiency Period.

# Section 6: OPERATION AND CONTROL

- 6.1 As-Built Supplement. Upon completion of initial (and any subsequent) construction of the Facility, Seller shall provide PacifiCorp an As-Built Supplement to specify the actual Facility as built. The As-Built Supplement must be reviewed and approved by PacifiCorp, which approval shall not unreasonably be withheld, conditioned or delayed.
- Incremental Utility Upgrades. At start-up (and at any other time upon at least six months' prior written notice), Seller may increase Net Output, if such increase is due to normal variances in estimated versus actual performance, changed Facility operations, or improvements in Facility efficiency. Seller may not increase Net Output under this Agreement by installing additional generating units. In the case of substantial upgrades, PacifiCorp may require Seller to comply with Section 3.2.8(e) (in the event that the Facility upgrade causes the Facility Capacity Rating to exceed 3,000 kW) and increase its Average Annual Generation in Section 4.2 (if appropriate). PacifiCorp may also update Seller's security obligation (if applicable). So long as the Facility Capacity Rating after the upgrade is 10,000 kW or less, Seller will continue to receive the Contract Price for the Net Output, as set forth in Sections 5.1, 5.2, and 5.3 of this Agreement. If Seller increases the Facility Capacity Rating above 10,000 kW, then (on a going forward basis) PacifiCorp shall pay Seller the Contract Price for the fraction of total Net Output equal to 10,000 kW divided by the Facility Capacity Rating of the upgraded Facility. For the remaining fraction of Net Output, PacifiCorp and Seller shall agree to a new negotiated rate. Seller shall be responsible for ensuring that any planned increase in the Facility Capacity Rating or the maximum instantaneous capacity of the Facility complies with Seller's Generation Interconnection Agreement and any other agreements with PacifiCorp.
- 6.3 Seller shall operate and maintain the Facility in a safe manner in accordance with the Generation Interconnection Agreement (if applicable), Prudent Electrical Practices and in accordance with the requirements of all applicable federal, state and local laws and the National Electric Safety Code as such laws and code may be amended from time to time. PacifiCorp shall have no obligation to purchase Net Output from the Facility to the extent the interconnection between the Facility and PacifiCorp's electric system is disconnected, suspended or interrupted, in whole or in part, pursuant to the Generation Interconnection Agreement, or to the extent generation curtailment is required as a result of Seller's non-compliance with the Generation Interconnection Agreement. PacifiCorp shall have the right to inspect the Facility to confirm that Seller is operating the Facility in accordance with the provisions of this Section 6.3 upon reasonable notice to Seller. Seller is solely responsible for the operation and maintenance of the Facility. PacifiCorp shall not, by reason of its decision to inspect or not to inspect the Facility, or by any action or inaction taken with respect to any such inspection, assume or be held

responsible for any liability or occurrence arising from the operation and maintenance by Seller of the Facility.

- 6.4 <u>Scheduled Outages</u>. Seller may cease operation of the entire Facility or individual units, if applicable, for maintenance or other purposes. Seller shall exercise its best efforts to notify PacifiCorp of planned outages at least ninety (90) days prior, and shall reasonably accommodate PacifiCorp's request, if any, to reschedule such planned outage in order to accommodate PacifiCorp's need for Facility operation.
- 6.5 <u>Unplanned Outages</u>. In the event of an unscheduled outage or curtailment exceeding twenty-five (25) percent of the Facility Capacity Rating (other than curtailments due to lack of motive force), Seller immediately shall notify PacifiCorp of the necessity of such unscheduled outage or curtailment, the time when such has occurred or will occur and the anticipated duration. Seller shall take all reasonable measures and exercise its best efforts to avoid unscheduled outage or curtailment, to limit the duration of such, and to perform unscheduled maintenance during Off-Peak hours.

#### **Section 7: FUEL/MOTIVE FORCE**

Prior to the Effective Date of this Agreement, Seller provided to PacifiCorp a fuel or motive force plan acceptable to PacifiCorp in its reasonable discretion and attached hereto as **Exhibit D-1**, together with a certification from a Licensed Professional Engineer to PacifiCorp attached hereto as **Exhibit D-2**, certifying that the implementation of the fuel or motive force plan can reasonably be expected to provide fuel or motive force to the Facility for the duration of this Agreement adequate to generate power and energy in quantities necessary to deliver the Average Annual Generation set forth by Seller in Section 4.

#### **Section 8: METERING**

- 8.1 Seller shall pay for, and PacifiCorp shall design, furnish, install, own, inspect, test, maintain and replace all metering equipment required pursuant to the Generation Interconnection Agreement, if applicable.
- 8.2 Seller shall pay for and design, furnish, install, own, inspect, test, maintain and replace all metering equipment required in order to calculate Availability of the Facility. Data required to calculate Availability include, but are not limited to: hourly average wind velocity measured at turbine hub height; and ambient air temperature. Seller shall make available all such data to PacifiCorp in electronic format per Section 8.5.
- 8.3 Metering shall be performed at the location and in a manner consistent with this Agreement and as specified in the Generation Interconnection Agreement, or, if the Facility is one of multiple wind generation facilities sharing a common transmission line, the required metering equipment has been completed and tested and is in place to correctly and accurately measure the amount of Net Output generated by the Facility and flowing into PacifiCorp's system at the Point of Delivery, or, if the Net Output is to be wheeled to PacifiCorp by another utility, metering will be performed in accordance with the terms of PacifiCorp's interconnection

agreement with such other utility. All quantities of energy purchased hereunder shall be adjusted to account for electrical losses, if any between the point of metering and the Point of Delivery, so that the purchased amount reflects the net amount of energy flowing into PacifiCorp's system at the Point of Delivery.

8.4 PacifiCorp shall periodically inspect, test, repair and replace the metering equipment as provided in the Generation Interconnection Agreement, if applicable. If the Net Output is to be wheeled to PacifiCorp by another utility, meter inspection, testing, repair and replacement will be performed in accordance with the terms of PacifiCorp's interconnection agreement with such utility. If any of the inspections or tests discloses an error exceeding two percent (2%), either fast or slow, proper correction, based upon the inaccuracy found, shall be made of previous readings for the actual period during which the metering equipment rendered inaccurate measurements if that period can be ascertained. If the actual period cannot be ascertained, the proper correction shall be made to the measurements taken during the time the metering equipment was in service since last tested, but not exceeding three (3) Billing Periods, in the amount the metering equipment shall have been shown to be in error by such test. Any correction in billings or payments resulting from a correction in the meter records shall be made in the next monthly billing or payment rendered following the repair of the meter.

#### Section 9: BILLINGS, COMPUTATIONS, AND PAYMENTS

- 9.1 On or before the thirtieth (30th) day following the end of each Billing Period, PacifiCorp shall send to Seller payment for Seller's deliveries of Net Output to PacifiCorp, together with computations supporting such payment. PacifiCorp may offset any such payment to reflect amounts owing from Seller to PacifiCorp pursuant to this Agreement, the Generation Interconnection Agreement, or any other agreement between the Parties.
- 9.2 Corrections. PacifiCorp shall have up to eighteen months to adjust any payment made pursuant to Section 9.1. In the event PacifiCorp determines it has overpaid Seller (for Excess Output or otherwise), PacifiCorp may adjust Seller's future payment accordingly in order to recapture any overpayment in a reasonable time.
- 9.3 Annual Invoicing for Output Shortfall. Beginning on the first January 31 occurring after the Commercial Operation Date, and continuing on January 31 of each Contract Year thereafter, PacifiCorp shall deliver to Seller an invoice showing PacifiCorp's computation of Net Output and Output Shortfall, if any, for the prior Contract Year and any resulting amount due PacifiCorp as liquidated damages. In preparing such invoices, PacifiCorp shall utilize the meter data provided to PacifiCorp for the Contract Year in question, but may also rely on historical averages and such other information as may be available to PacifiCorp at the time of invoice preparation, if the meter data for such Contract Year is then incomplete or otherwise not available. To the extent required, PacifiCorp shall true up any such invoice as promptly as practicable following its receipt of actual results for the relevant Contract Year. Seller shall pay to PacifiCorp, by wire transfer or by any other means agreed to by the Parties in writing, the amount set forth as due in such invoice.

9.4 Any amounts owing after the due date thereof shall bear interest at the Prime Rate plus two percent (2%) from the date due until paid; *provided*, *however*, that the interest rate shall at no time exceed the maximum rate allowed by applicable law.

# **Section 10: SECURITY**

Unless Seller has adopted the creditworthiness warranties contained in Section 3.2.8, Seller must provide security (if requested by PacifiCorp) in the form of a cash escrow, letter of credit, senior lien, or step-in rights. Seller hereby elects to provide, in accordance with the applicable terms of this Section 10, the following security (Seller to initial one selection only):

	Cash Escrow
	Letter of Credit
	Senior Lien
X	_Step-in Rights
	Seller has adopted the Creditworthiness Warranties of Section 3.2.8.

In the event Seller's obligation to post default security (under Section 10 or Section 11.1.4) arises solely from Seller's delinquent performance of construction-related financial obligations, upon Seller's request, PacifiCorp will excuse Seller from such obligation in the event Seller has negotiated financial arrangements with its construction lenders that mitigate Seller's financial risks to PacifiCorp's reasonable satisfaction.

# [SKIP THIS SECTION 10.1 UNLESS SELLER SELECTED CASH ESCROW ALTERNATIVE]

10.1 Cash Escrow Security. Seller shall deposit in an escrow account established by PacifiCorp in a banking institution acceptable to both Parties, the Default Security. Such sum shall earn interest at the rate applicable to money market deposits at such banking institution from time to time. To the extent PacifiCorp receives payment from the Default Security, Seller shall, within fifteen (15) days, restore the Default Security as if no such deduction had occurred.

# [SKIP THIS SECTION 10.2 UNLESS SELLER SELECTED LETTER OF CREDIT ALTERNATIVE]

10.2 Letter of Credit Security. Seller shall post and maintain in an amount equal to the Default Security: (a) a guaranty from a party that satisfies the Credit Requirements, in a form acceptable to PacifiCorp in its discretion, or (b) a Letter of Credit in favor of PacifiCorp. To the extent PacifiCorp receives payment from the Default Security, Seller shall, within fifteen (15) days, restore the Default Security as if no such deduction had occurred.

# [SKIP THIS SECTION 10.3 UNLESS SELLER SELECTED SENIOR LIEN ALTERNATIVE]

10.3 Senior Lien. Before the Scheduled Commercial Operation Date, Seller shall grant PacifiCorp a senior, unsubordinated lien on the Facility and its assets as security for performance

of this Agreement by executing, acknowledging and delivering a security agreement and a deed of trust or a mortgage, in a recordable form (each in a form satisfactory to PacifiCorp in the reasonable exercise of its discretion). Pending delivery of the senior lien to PacifiCorp, Seller shall not cause or permit the Facility or its assets to be burdened by liens or other encumbrances that would be superior to PacifiCorp's, other than workers', mechanics', suppliers' or similar liens, or tax liens, in each case arising in the ordinary course of business that are either not yet due and payable or that have been released by means of a performance bond posted within eight (8) calendar days of the commencement of any proceeding to foreclose the lien.

# [SKIP THIS SECTION 10.4 UNLESS SELLER SELECTED STEP-IN RIGHTS ALTERNATIVE]

- 10.4 Step-in Rights (Operation by PacifiCorp Following Event of Default of Seller).
  - 10.4.1 Prior to any termination of this Agreement due to an Event of Default of Seller, as identified in Section 11, PacifiCorp shall have the right, but not the obligation, to possess, assume control of, and operate the Facility as agent for Seller (in accordance with Seller's rights, obligations, and interest under this Agreement) during the period provided for herein. Seller shall not grant any person, other than the lending institution providing financing to the Seller for construction of the Facility ("Facility Lender"), a right to possess, assume control of, and operate the Facility that is equal to or superior to PacifiCorp's right under this Section 10.4.
  - 10.4.2 PacifiCorp shall give Seller ten (10) calendar days notice in advance of the contemplated exercise of PacifiCorp's rights under this Section 10.4. Upon such notice, Seller shall collect and have available at a convenient, central location at the Facility all documents, contracts, books, manuals, reports, and records required to construct, operate, and maintain the Facility in accordance with Prudent Electrical Practices. Upon such notice, PacifiCorp, its employees, contractors, or designated third parties shall have the unrestricted right to enter the Facility for the purpose of constructing and/or operating the Facility. Seller hereby irrevocably appoints PacifiCorp as Seller's attorney-in-fact for the exclusive purpose of executing such documents and taking such other actions as PacifiCorp may reasonably deem necessary or appropriate to exercise PacifiCorp's step-in rights under this Section 10.4.
  - 10.4.3 During any period that PacifiCorp is in possession of and constructing and/or operating the Facility, no proceeds or other monies attributed to operation of the Facility shall be remitted to or otherwise provided to the account of Seller until all Events of Default of Seller have been cured.
  - 10.4.4 During any period that PacifiCorp is in possession of and operating the Facility, Seller shall retain legal title to and ownership of the Facility and PacifiCorp shall assume possession, operation, and control solely as agent for Seller.

- (a) In the event PacifiCorp is in possession and control of the Facility for an interim period, Seller shall resume operation and PacifiCorp shall relinquish its right to operate when Seller demonstrates to PacifiCorp's reasonable satisfaction that it will remove those grounds that originally gave rise to PacifiCorp's right to operate the Facility, as provided above, in that Seller (i) will resume operation of the Facility in accordance with the provisions of this Agreement, and (ii) has cured any Events of Default of Seller which allowed PacifiCorp to exercise its rights under this Section 10.4.
- (b) In the event that PacifiCorp is in possession and control of the Facility for an interim period, the Facility Lender, or any nominee or transferee thereof, may foreclose and take possession of and operate the Facility and PacifiCorp shall relinquish its right to operate when the Facility Lender or any nominee or transferee thereof, requests such relinquishment.
- 10.4.5 PacifiCorp's exercise of its rights hereunder to possess and operate the Facility shall not be deemed an assumption by PacifiCorp of any liability attributable to Seller. If at any time after exercising its rights to take possession of and operate the Facility PacifiCorp elects to return such possession and operation to Seller, PacifiCorp shall provide Seller with at least fifteen (15) calendar days advance notice of the date PacifiCorp intends to return such possession and operation, and upon receipt of such notice Seller shall take all measures necessary to resume possession and operation of the Facility on such date.

#### **Section 11: DEFAULTS AND REMEDIES**

- 11.1 Events of Default. The following events shall constitute defaults under this Agreement:
  - 11.1.1 <u>Breach of Material Term.</u> Failure of a Party to perform any material obligation imposed upon that Party by this Agreement (including but not limited to failure by Seller to meet any deadline set forth in Section 2) or breach by a Party of a representation or warranty set forth in this Agreement.
  - 11.1.2 <u>Default on Other Agreements</u>. Seller's failure to cure any default under any commercial or financing agreements or instrument (including the Generation Interconnection Agreement) within the time allowed for a cure under such agreement or instrument.
  - 11.1.3 <u>Insolvency</u>. A Party (a) makes an assignment for the benefit of its creditors; (b) files a petition or otherwise commences, authorizes or

acquiesces in the commencement of a proceeding or cause of action under any bankruptcy or similar law for the protection of creditors, or has such a petition filed against it and such petition is not withdrawn or dismissed within sixty (60) days after such filing; (c) becomes insolvent; or (d) is unable to pay its debts when due.

- 11.1.4 <u>Material Adverse Change</u>. A Material Adverse Change has occurred with respect to Seller and Seller fails to provide such performance assurances as are reasonably requested by PacifiCorp, including without limitation the posting of additional Default Security, within thirty (30) days from the date of such request;
- 11.1.5 <u>Failure to Meet Scheduled Commercial Operation Date</u>. Seller's failure to achieve the Commercial Operation Date by the Scheduled Commercial Operation Date.
- 11.1.6 Failure to Meet Mechanical Availability Guarantee. Seller's failure to the Mechanical Availability Guarantee for two (2) consecutive years if such failure is not otherwise excused under this Agreement.
- 11.2 Notice; Opportunity to Cure.
  - 11.2.1 <u>Notice</u>. In the event of any default hereunder, the non-defaulting Party must notify the defaulting Party in writing of the circumstances indicating the default and outlining the requirements to cure the default.
  - 11.2.2 Opportunity to Cure. A Party defaulting under Section 11.1.1 shall have thirty (30) days to cure after receipt of proper notice from the non-defaulting Party. This thirty (30) day period shall be extended by an additional ninety (90) days if (a) the failure cannot reasonably be cured within the thirty (30) day period despite diligent efforts, (b) the default is capable of being cured within the additional ninety (90) day period, and (c) the defaulting Party commences the cure within the original thirty (30) day period and is at all times thereafter diligently and continuously proceeding to cure the failure. If Seller defaults under Section 11.1.5, Seller shall have one (1) year in which to cure the default during which time Seller shall pay PacifiCorp damages as provided for in Section 11.4.2.
  - 11.2.3 <u>Seller Default Under Other Agreements</u>. Seller shall cause any notices of default under any of its commercial or financing agreements or instruments to be sent by the other party to such agreements or instruments, or immediately forwarded, to PacifiCorp as a notice in accordance with Section 23.
  - 11.2.4 <u>Seller Delinquent on Construction-related Financial Obligations</u>. Seller promptly shall notify PacifiCorp (or cause PacifiCorp to be notified) anytime it becomes delinquent under any construction related financing

agreement or instrument related to the Facility. Such delinquency may constitute a Material Adverse Change, subject to Section 11.1.4.

#### 11.3 Termination.

- 11.3.1 Notice of Termination. If a default described herein has not been cured within the prescribed time, above, the non-defaulting Party may terminate this Agreement at its sole discretion by delivering written notice to the other Party and may pursue any and all legal or equitable remedies provided by law or pursuant to this Agreement. Subject to the one (1) year cure period in Section 11.2.2, PacifiCorp may terminate the Agreement for a default under Section 11.1.5 regardless of PacifiCorp's resource sufficiency/deficiency position. The rights provided in Section 10 and this Section 11 are cumulative such that the exercise of one or more rights shall not constitute a waiver of any other rights. Further, the Parties may by mutual written agreement amend this Agreement in lieu of a Party's exercise of its right to terminate.
- 11.3.2 In the event this Agreement is terminated because of Seller's default and Seller wishes to again sell Net Output to PacifiCorp following such termination, PacifiCorp in its sole discretion may require that Seller shall do so subject to the terms of this Agreement, including but not limited to the Contract Price, until the Termination Date (as set forth in Section 2.4). At such time Seller and PacifiCorp agree to execute a written document ratifying the terms of this Agreement.
- 11.3.3 <u>Damages</u>. If this Agreement is terminated as a result of Seller's default, Seller shall pay PacifiCorp the positive difference, if any, obtained by subtracting the Contract Price from the Replacement Price for the Average Annual Generation that Seller was otherwise obligated to provide at the Mechanical Availability Guarantee for a period of twenty-four (24) months from the date of termination, plus any cost incurred for transmission purchased to deliver the replacement power to the Point of Delivery, plus the estimated administrative cost to the utility to acquire replacement power. Amounts owed by Seller pursuant to this paragraph shall be due within five (5) business days after any invoice from PacifiCorp for the same.
- 11.3.4 If this Agreement is terminated because of Seller's default, PacifiCorp may foreclose upon any security provided pursuant to Section 10 to satisfy any amounts that Seller owes PacifiCorp arising from such default.

#### 11.4 Damages.

11.4.1 <u>Failure to Meet Mechanical Availability Guarantee</u>. Liquidated damages for Seller's failure to meet the Mechanical Availability Guarantee shall be calculated as follows: (i) the "**Shortfall**" shall be 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 Mechanical Availability Guarantee for the Contract Year and the actual Net Output provided by the Seller for the Contract Year; (ii) multiply the Shortfall by the positive difference, if any, obtained by subtracting the Contract Price applicable to the period of Shortfall from the Replacement Price at which PacifiCorp purchases replacement power; and (iii) add any reasonable costs incurred by PacifiCorp to purchase replacement power and additional transmission costs to deliver replacement power to the Point of Delivery, if any.

11.4.2 Failure to Deliver Net Output. In the event Seller defaults under Subsection 11.1.5, then Seller shall pay PacifiCorp the positive difference, if any, obtained by subtracting the Contract Price from the Replacement Price during the period of default; *provided, however*, that the positive difference obtained by subtracting the Contract Price from the Replacement Price shall not exceed the Contract Price, and the period of default under this Section 11.4.2 shall not exceed one (1) year.

#### 11.4.3 Recoupment of Damages.

- (a) <u>Default Security Available</u>. If Seller has posted Default Security, PacifiCorp may draw upon that security to satisfy any damages, above.
- (b) <u>Default Security Unavailable</u>. If Seller has not posted Default Security, or if PacifiCorp has exhausted the Default Security, PacifiCorp may collect any remaining amount owing by partially withholding future payments to Seller over a reasonable period of time, which period shall not be less than the period over which the default occurred. PacifiCorp and Seller shall work together in good faith to establish the period, and monthly amounts, of such withholding so as to avoid Seller's default on its commercial or financing agreements necessary for its continued operation of the Facility.

#### Section 12: INDEMNIFICATION AND LIABILITY

#### 12.1 Indemnities.

12.1.1 <u>Indemnity by Seller</u>. Seller shall release, indemnify and hold harmless PacifiCorp, its directors, officers, agents, and representatives against and from any and all loss, fines, penalties, claims, actions or suits, including costs and attorney's fees, both at trial and on appeal, resulting from, or arising out of or in any way connected with (a) the energy delivered by Seller under this Agreement to and at the Point of Delivery, (b) any

facilities on Seller's side of the Point of Delivery, (c) Seller's operation and/or maintenance of the Facility, or (d) arising from this Agreement, including without limitation any loss, claim, action or suit, for or on account of injury, bodily or otherwise, to, or death of, persons, or for damage to, or destruction or economic loss of property belonging to PacifiCorp, Seller or others, excepting only such loss, claim, action or suit as may be caused solely by the fault or gross negligence of PacifiCorp, its directors, officers, employees, agents or representatives.

- 12.1.2 Indemnity by PacifiCorp. PacifiCorp shall release, indemnify and hold harmless Seller, its directors, officers, agents, Lenders and representatives against and from any and all loss, fines, penalties, claims, actions or suits, including costs and attorney's fees, both at trial and on appeal, resulting from, or arising out of or in any way connected with the energy delivered by Seller under this Agreement after the Point of Delivery, including without limitation any loss, claim, action or suit, for or on account of injury, bodily or otherwise, to, or death of, persons, or for damage to, or destruction or economic loss of property, excepting only such loss, claim, action or suit as may be caused solely by the fault or gross negligence of directors, officers, employees, agents, Lenders representatives.
- 12.2 No Dedication. Nothing in this Agreement shall be construed to create any duty to, any standard of care with reference to, or any liability to any person not a Party to this Agreement. No undertaking by one Party to the other under any provision of this Agreement shall constitute the dedication of that Party's system or any portion thereof to the other Party or to the public, nor affect the status of PacifiCorp as an independent public utility corporation or Seller as an independent individual or entity.
- 12.3 No Consequential Damages. Except to the extent such damages are included in the liquidated damages, delay damages, cost to cover damages or other specified measure of damages expressly provided for in this Agreement, neither Party shall be liable to the other Party for special, punitive, indirect, exemplary or consequential damages, whether such damages are allowed or provided by contract, tort (including negligence), strict liability, statute or otherwise.

### Section 13: INSURANCE (FACILITIES OVER 200KW ONLY)

13.1 <u>Certificates</u>. Prior to connection of the Facility to PacifiCorp's electric system, or another utility's electric system if delivery to PacifiCorp is to be accomplished by wheeling, Seller shall secure and continuously carry insurance in compliance with the requirements of this Section. Seller shall provide PacifiCorp insurance certificate(s) (of "ACORD Form" or the equivalent) certifying Seller's compliance with the insurance requirements hereunder. Commercial General Liability coverage written on a "claims-made" basis, if any, shall be specifically identified on the certificate. If requested by PacifiCorp, a copy of each insurance policy, certified as a true copy by an authorized representative of the issuing insurance company, shall be furnished to PacifiCorp.

- 13.2 <u>Required Policies and Coverages</u>. Without limiting any liabilities or any other obligations of Seller under this Agreement, Seller shall secure and continuously carry with an insurance company or companies rated not lower than "B+" by the A.M. Best Company the insurance coverage specified below:
  - 13.2.1 Commercial General Liability insurance, to include contractual liability, with a minimum single limit of \$1,000,000 to protect against and from all loss by reason of injury to persons or damage to property based upon and arising out of the activity under this Agreement.
  - 13.2.2 All Risk Property insurance providing coverage in an amount at least equal to the full replacement value of the Facility against "all risks" of physical loss or damage, including coverage for earth movement, flood, and boiler and machinery. The Risk policy may contain separate sublimits and deductibles subject to insurance company underwriting guidelines. The Risk Policy will be maintained in accordance with terms available in the insurance market for similar facilities.
- 13.3 The Commercial General Liability policy required herein shall include i) provisions or endorsements naming PacifiCorp, its Board of Directors, Officers and employees as additional insureds, and ii) cross liability coverage so that the insurance applies separately to each insured against whom claim is made or suit is brought, even in instances where one insured claims against or sues another insured.
- 13.4 All liability policies required by this Agreement shall include provisions that such insurance is primary insurance with respect to the interests of PacifiCorp and that any other insurance maintained by PacifiCorp is excess and not contributory insurance with the insurance required hereunder, and provisions that such policies shall not be canceled or their limits of liability reduced without 1) ten (10) days prior written notice to PacifiCorp if canceled for nonpayment of premium, or 2) thirty (30) days prior written notice to PacifiCorp if canceled for any other reason.
- 13.5 Insurance coverage provided on a "claims-made" basis shall be maintained by Seller for a minimum period of five (5) years after the completion of this Agreement and for such other length of time necessary to cover liabilities arising out of the activities under this Agreement.

#### **Section 14: FORCE MAJEURE**

14.1 As used in this Agreement, "Force Majeure" or "an event of Force Majeure" means any cause beyond the reasonable control of the Seller or of PacifiCorp which, despite the exercise of due diligence, such Party is unable to prevent or overcome. By way of example, Force Majeure may include but is not limited to acts of God, fire, flood, storms, wars, hostilities, civil strife, strikes, and other labor disturbances, earthquakes, fires, lightning, epidemics, sabotage, restraint by court order or other delay or failure in the performance as a result of any action or inaction on behalf of a public authority which by the exercise of reasonable foresight

such Party could not reasonably have been expected to avoid and by the exercise of due diligence, it shall be unable to overcome, subject, in each case, to the requirements of the first sentence of this paragraph. Force Majeure, however, specifically excludes the cost or availability of fuel or motive force resources to operate the Facility or changes in market conditions that affect the price of energy or transmission. If either Party is rendered wholly or in part unable to perform its obligation under this Agreement because of an event of Force Majeure, that Party shall be excused from whatever performance is affected by the event of Force Majeure to the extent and for the duration of the event of Force Majeure, after which such Party shall recommence performance of such obligation, provided that:

- 14.1.1 the non-performing Party, shall, within two (2) weeks after the occurrence of the Force Majeure, give the other Party written notice describing the particulars of the occurrence; and
- 14.1.2 the suspension of performance shall be of no greater scope and of no longer duration than is required by the event of Force Majeure; and
- 14.1.3 the non-performing Party uses its best efforts to remedy its inability to perform.
- 14.2 No obligations of either Party which arose before the Force Majeure causing the suspension of performance shall be excused as a result of the event of Force Majeure.
- 14.3 Neither Party shall be required to settle any strike, walkout, lockout or other labor dispute on terms which, in the sole judgment of the Party involved in the dispute, are contrary to the Party's best interests.
- 14.4 PacifiCorp may terminate the Agreement if Seller fails to remedy Seller's inability to perform, due to an event of Force Majeure, within six months after the occurrence of the event.

#### **Section 15: SEVERAL OBLIGATIONS**

Nothing contained in this Agreement shall ever be construed to create an association, trust, partnership or joint venture or to impose a trust or partnership duty, obligation or liability between the Parties. If Seller includes two or more parties, each such party shall be jointly and severally liable for Seller's obligations under this Agreement.

### Section 16: <u>CHOICE OF LAW</u>

This Agreement shall be interpreted and enforced in accordance with the laws of the State of Oregon, excluding any choice of law rules which may direct the application of the laws of another jurisdiction.

#### Section 17: PARTIAL INVALIDITY

It is not the intention of the Parties to violate any laws governing the subject matter of this Agreement. If any of the terms of the Agreement are finally held or determined to be invalid, illegal or void as being contrary to any applicable law or public policy, all other terms of the Agreement shall remain in effect. If any terms are finally held or determined to be invalid, illegal or void, the Parties shall enter into negotiations concerning the terms affected by such decision for the purpose of achieving conformity with requirements of any applicable law and the intent of the Parties to this Agreement.

#### **Section 18: WAIVER**

Any waiver at any time by either Party of its rights with respect to a default under this Agreement or with respect to any other matters arising in connection with this Agreement must be in writing, and such waiver shall not be deemed a waiver with respect to any subsequent default or other matter.

# Section 19: GOVERNMENTAL JURISDICTIONS AND AUTHORIZATIONS

This Agreement is subject to the jurisdiction of those governmental agencies having control over either Party or this Agreement. Seller shall at all times maintain in effect all local, state and federal licenses, permits and other approvals as then may be required by law for the construction, operation and maintenance of the Facility, and shall provide upon request copies of the same to PacifiCorp.

#### Section 20: REPEAL OF PURPA

This Agreement shall not terminate upon the repeal of the PURPA, unless such termination is mandated by federal or state law.

#### Section 21: <u>SUCCESSORS AND ASSIGNS</u>

This Agreement and all of the terms hereof shall be binding upon and inure to the benefit of the respective successors and assigns of the Parties. No assignment hereof by either Party shall become effective without the written consent of the other Party being first obtained and such consent shall not be unreasonably withheld, conditioned or delayed. Notwithstanding the foregoing, either Party may assign this Agreement without the other Party's consent to a lender as part of a financing transaction or as part of (a) a sale of all or substantially all of the assigning Party's assets, or (b) a merger, consolidation or other reorganization of the assigning Party.

### **Section 22: ENTIRE AGREEMENT**

- 22.1 This Agreement supersedes all prior agreements, proposals, representations, negotiations, discussions or letters, whether oral or in writing, regarding PacifiCorp's purchase of Net Output from the Facility. No modification of this Agreement shall be effective unless it is in writing and signed by both Parties.
- 22.2 By executing this Agreement, Seller releases PacifiCorp from any claims, known or unknown, that may have arisen prior to the Effective Date.

### **Section 23: NOTICES**

23.1 All notices except as otherwise provided in this Agreement shall be in writing, shall be directed as follows and shall be considered delivered if delivered in person or when deposited in the U.S. Mail, postage prepaid by certified or registered mail and return receipt requested.

Notices	PacifiCorp	Seller
All Notices	PacifiCorp 825 NE Multnomah Street Portland, OR 97232 Attn: Contract Administration, Suite 600 Phone: (503) 813 - 5380 Facsimile: (503) 813 - 6291 Duns: 00-790-9013 Federal Tax ID Number: 93-0246090	Mr. John Brown 8030 Companies, Inc. 855 13 <sup>th</sup> Street Boulder, Colorado 8032 Phone: 303.818.2703 Facsimile: 303.818.0077 Email: johnmbrown@8030companies.com Duns: 068695017 Federal Tax ID Number: 27-5004692
	Email: <a href="mailto:cntadmin@PacifiCorp.com">cntadmin@PacifiCorp.com</a>	With copies to: Mauri Miller Oregon Windfarms, LLC 3145 Geary Blvd., #723 San Francisco, CA 94118  Phone: 415-289-0715 Cell: 415-244-6592 cell Email: mauri@envisionwind.com
All Invoices:	(same as street address above) Attn: Back Office, Suite 700 Phone: (503) 813 - 5578 Facsimile: (503) 813 - 5580	(same as above)
Scheduling:	(same as street address above) Attn: Resource Planning, Suite 600 Phone: (503) 813 - 6090 Facsimile: (503) 813 - 6265	(same as above)
Payments:	(same as street address above) Attn: Back Office, Suite 700 Phone: (503) 813 - 5578	(same as above)

Facsimile: (503) 813 - 5580

Wire Transfer:

Bank One N.A.

(same as above)

ABA:

ACCT:

NAME: PacifiCorp Wholesale

Credit and

(same as street address above)

(same as above)

Collections

Attn: Credit Manager, Suite 700 Phone: (503) 813 - 5684 Facsimile: (503) 813 - 5609

With Additional

(same as street address above)

(same as above)

Notices of an Event of Default or Potential

PacifiCorp Legal Department, Suite

Event of Default to:

Attn: Assistant General Counsel Facsimile (503) 813-6761

23.2 The Parties may change the person to whom such notices are addressed, or their addresses, by providing written notices thereof in accordance with this Section 23.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed in their respective names as of the date first above written.

**PacifiCorp** 

Name: Brace Griswold

Title: Director, Short-term Origination

and QF Contracts

Name:

### **EXHIBIT A**

# DESCRIPTION OF SELLER'S FACILITY [Seller to Complete]

Seller's Facility consists of Five (5) generators manufactured by General Electric. More specifically, each generator at the Facility is described as:

Type (synchronous or inductive): Inductive

Model: GE 2.0-116 Number of Phases:

Rated Output (kW): 2000 Rated Output (kVA): 2105

Rated Voltage (line to line): 690

Rated Current (A): Stator: 1900 A; Rotor: 750 A

Maximum kW Output: 2,000 kW Maximum kVA Output: 2105 kVA

Minimum kW Output: 0 kW

Manufacturer's Guaranteed Cut-in Wind Speed [if applicable]:

Facility Capacity Rating: 10,000 kW

Identify the maximum output of the generator(s) and describe any differences between that output and the Nameplate Capacity Rating:

Station service requirements, and other loads served by the Facility, if any, are described as follows: Station service requirements are estimated to be 200,000 kWh annually, depending on conditions at the site of the Facility. Seller has not yet made final arrangements for station service. Seller will discuss options with PacifiCorp, Umatilla Electric Cooperative and Columbia Basin Electric Cooperative

**Location of the Facility**: The Facility is to be constructed in the vicinity of Hinkle in Umatilla and Morrow Counties, Oregon. The location is more particularly described as follows:

The location of the Facility will be T2N R26E S4. See attached Map in Exhibit A-1.

The Facility will be allowed to relocate to the following alternate locations due to any location constraints:

T1N R26E S2,3,4,8,9,10,11,13,14,15,23,24

T1N R27E S1,2,3,4,8,9,10,11,12,13,16,17,18,20,21,22,29,31,32

T1N R28E S6,7,8,17,18,19,20

T2N R26E S2,3,5,9,10,11,14,15,16,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35

T2N R27E S3,4,5,6,7,8,9,10,15,16,17,18,19,20,21

T3N R26E S33,34,35,36

T3N R27E S31,32

The relocation will be allowed for each project subject to the following conditions:

1. the OF remains eligible under Schedule 37

- 2. the point of delivery does not change
- 3. Project location meets all FERC and Oregon Commission restrictions on distance between QF projects.

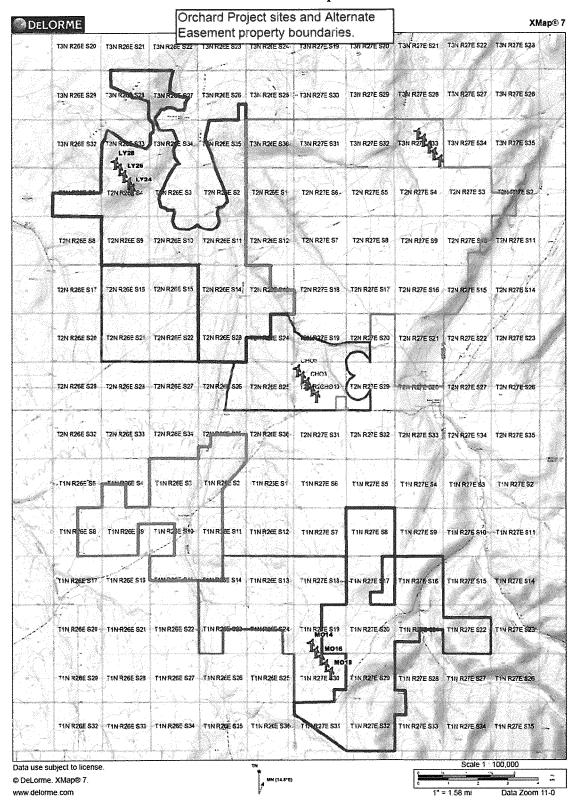
### Power factor requirements:

Rated Power Factor (PF) or reactive load (kVAR): +/- 0.95

Unit Specification Notes: Seller has elected to install five General Electric 2.0-116 wind turbines and has estimated the Average Annual Generation based on data available as of the Effective Date. Seller may change the Average Annual Generation at any time prior to the Operation Date to reflect data available as of the date of the change. In addition, Seller may request that PacifiCorp allow Seller to substitute different wind turbines. Along with such request, Seller shall promptly deliver to PacifiCorp all relevant information regarding such turbines (including the number of turbines, cut-in wind speed, Facility Capacity Rating, assumed ambient conditions at Facility Capacity Rating, power factor requirements, unit specifications shown in Exhibit A-2, Exhibit D-1, Exhibit D-2, the Average Annual Generation, Seller's estimate of average annual Net Energy as set forth in Recital D, and any other wind turbine specific information in this Agreement).

Upon the written consent of PacifiCorp to such selection (which shall not be unreasonably withheld, delayed or conditioned), this Agreement shall be deemed amended as necessary to account for such new selection including changes to the number of turbines, cut-in wind speed, Facility Capacity Rating, Average Annual Generation and expected delivery volumes, but not changes to the Scheduled Initial Delivery Date of the Scheduled Commercial Operation Date. All necessary changes shall be documented in an amendment within two weeks of such written consent. Seller acknowledges that it may require a separate consent from PacifiCorp Transmission to change its turbine specifications for the Facility.

### Exhibit A-1 Site Map



### **EXHIBIT B**

### SELLER'S INTERCONNECTION FACILITIES

[Seller to provide its own diagram and description]

### POINT OF DELIVERY / SELLER'S INTERCONNECTION FACILITIES

### Instructions to Seller:

- 1. Include description of point of metering, and Point of Delivery
  - a. The Point of Delivery is at 69 kV busbar at PacifiCorp's Hinkle substation. The points of metering are described in Addendum L. Meters are installed at both the Facility and the Hinkle substation to account for line losses, transformation losses, and station service as described in Addendum L.
- 2. Provide interconnection single line drawing of Facility including any transmission facilities on Seller's side of the Point of Delivery.
  - a. A one-line diagram of the Facility is attached. On sheet 1 of 4 of the attached one-line diagram there is a line to LOCAL DISTRIBUTION SERVICE. This line shall not be energized unless the transmission path from the Facility wind turbines to the Point of Delivery is not energized.

### **EXHIBIT C**

### REQUIRED FACILITY DOCUMENTS

### REQUIRED OF ALL FACILITIES:

QF Certification

Interconnection Agreement

Fuel Supply Agreement, if applicable

### REQUIRED IF SELLER ELECTS TO GRANT SENIOR LIEN OR STEP-IN RIGHTS:

Deed or Lease to Facility Premises

Preliminary Title Report of Premises

Proof of ownership of Facility

Off-take sale agreements, e.g. surplus heat sale contract, if applicable

Depending upon the type of Facility and its specific characteristics, additional Required Facility Documents may be requested.

### OTHER REQUIRED FACILITY DOCUMENTS

Addendum A

Addendum B

Addendum L

Oregon Financing Statement, if any

**FAA Permits** 

Building Permit, if any

Conditional Use Permit, if any

Land Use Permit, if any

Memorandum of PPA, if any

Subeasement to Facility Premises in lieu of Deed or Lease or other real property rights

documentation

# EXHIBIT D-1 SELLER'S MOTIVE FORCE PLAN

# A. MONTHLY DELIVERY SCHEDULES AND SCHEDULED MAINTENANCE

Month	Average Energy (kWh)
January	2,166,619
February	1,514,023
March	2,771,362
April	3,265,101
May	2,977,992
June	3,245,989
July	2,791,634
August	2,850,234
September	2,042,815
October	1,847,603
November	1,678,672
December	1,841,817

Seller to provide an estimate of the average monthly Net Output of the Facility, and explain the basis for the estimate.

See Exhibit D-2 Motive Force Plan.

### **EXHIBIT D-2**

# ENGINEER'S CERTIFICATION OF MOTIVE FORCE PLAN



Resource Assessment & Micrositing



### Certification of Orchard Windfarm 2, LLC

By Jack Kline, CCM RAM Associates Brentwood, CA

March 25, 2016

### **Project Description**

The Orchard Windfarm 2 is comprised of five GE 2.0-116 wind turbines, each having a rated power of 2.0 MW and a hub height of 80 m AGL. The sites are designated as CH01 through CH05 and are located in Section 30 of Twp 2N, Rng 27E in Morrow County, Oregon. Other similar wind farms have been developed on neighboring parcels of land in the same area.

#### Wind Resource

Wind resource data has been collected at a number of anemometer towers across the project site. The data have been correlated to a long term reference MERRA node, located approximately 12 miles southeast of the project site, and long-term mean wind speeds have been estimated at the anemometer tower sites. Terrain modeling of the wind resource has been performed to determine the long-term mean wind speeds at the hub height level of each turbine site.

### **Turbine Energy Estimates**

The on-site wind data and individual turbine wind speed estimates have been used in conjunction with the power curve for the GE 2.0-116 (appropriate for the air density at the site) to calculate long-term mean gross energy for each turbine site in the project. Loss factors have been applied to produce net energy for each turbine. Losses for high-speed hysteresis stop/restart and array losses (considering all turbines that will be erected at the site) and icing losses were calculated and all other losses were assumed, based on typical values currently used in the wind industry. After applying these loss factors the combined long-term average net energy for the four turbines has been calculated. The uncertainty in project output has been evaluated and the output is certified to be 28,994,000 kWh/year at the P90 level.

1632 Cipriani Place Brentwood, CA 94513 Ph. 925-240-7855

### **EXHIBIT E**

### START-UP TESTING

Required factory testing includes such checks and tests necessary to determine that the equipment systems and subsystems have been properly manufactured and installed, function properly, and are in a condition to permit safe and efficient start-up of the Facility, which may include but are not limited to (as applicable): [Seller identify appropriate tests]

- 1. Pressure tests of all steam system equipment;
- 2. Calibration of all pressure, level, flow, temperature and monitoring instruments;
- 3. Operating tests of all valves, operators, motor starters and motor;
- 4. Alarms, signals, and fail-safe or system shutdown control tests;
- 5. Insulation resistance and point-to-point continuity tests;
- 6. Bench tests of all protective devices;
- 7. Tests required by manufacturer of equipment; and
- 8. Complete pre-parallel checks with PacifiCorp.

Required start-up tests are those checks and tests necessary to determine that all features and equipment, systems, and subsystems have been properly designed, manufactured, installed and adjusted, function properly, and are capable of operating simultaneously in such condition that the Facility is capable of continuous delivery into PacifiCorp's electrical system, which may include but are not limited to (as applicable):

- 1. Turbine/generator mechanical runs including shaft, vibration, and bearing temperature measurements;
- 2. Running tests to establish tolerances and inspections for final adjustment of bearings, shaft run-outs;
- 3. Brake tests;
- 4. Energization of transformers;
- 5. Synchronizing tests (manual and auto);
- 6. Stator windings dielectric test;
- 7. Armature and field windings resistance tests;
- 8. Load rejection tests in incremental stages from 5, 25, 50, 75 and 100 percent load;
- 9. Heat runs;
- 10. Tests required by manufacturer of equipment;
- 11. Excitation and voltage regulation operation tests;
- 12. Open circuit and short circuit; saturation tests;
- 13. Governor system steady state stability test;
- 14. Phase angle and magnitude of all PT and CT secondary voltages and currents to protective relays, indicating instruments and metering;
- 15. Auto stop/start sequence;
- 16. Level control system tests; and
- 17. Completion of all state and federal environmental testing requirements.

### **EXHIBIT F**

### Oregon Windfarms, LLC

3145 Geary Blvd., #723 San Francisco, CA 94118

#### **Customer Authorization to Release Generation Data**

February 17, 2016

PacifiCorp Transmission Attention: Director, Transmission Services 825 NE Multnomah, Suite 1600 Portland, Oregon 97232

RE: Voluntary Consent Form

Dear PacifiCorp Transmission:

Oregon Windfarms, LLC, on behalf of four to-be-formed or acquired entities as interconnection customers, hereby voluntarily authorizes PacifiCorp Transmission to share generator interconnection information and generator meter data with Marketing Affiliate employees of PacifiCorp Energy Supply Management, including, but not limited to those in the PacifiCorp's Market Affiliate group, with respect to the interconnection applications Q0650 through Q0653.

Oregon Windfarms, LLC acknowledges that PacifiCorp did not provide it any preferences, either operational or rate-related, in exchange for this voluntary consent.

Name: Maurice Miller. Manager

MariE Mill

Date: February 17, 2016

8030 Companies applied for four 10 MW PPAs on behalf of four to-be-formed or acquired entities on September 18, 2015 with PacifiCorp Energy Supply Management. The entities executing the PPAs will become the interconnection customers under applications Q0650 through Q0653. 8030 Companies agrees to this Voluntary Consent.

Name: John Brown, Manager

Date: February 17, 2016

EXHIBIT G
SCHEDULE 37 AND PRICING SUMMARY TABLE
Shown in \$ per megawatt-hour

Year	On-Peak	Off-Peak
2019	32.60	24.50
2020	35.30	26.40
2021	38.10	28.80
2022	41.00	31.40
2023	44.10	33.80
2024	86.70	67.30
2025	88.30	69.20
2026	89.30	71.80
2027	90.90	73.70
2028	92.40	75.70
2029	94.00	77.60
2030	95.50	79.60
2031	96.70	82.20
2032	99.00	83.70
2033	100.10	86.70
2034	101.30	89.70
From the day in year 2033 or 2034 that is 15 years after the Scheduled Initial Delivery Date until the Termination Date	Price prescribed by Section Agreement	n 5.3 of this

Note

Scheduled Initial Delivery Date is October 1, 2019 Scheduled Commercial Operation Date is October 1, 2020

Schedule 37 prices effective June 25, 2015

# AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

Page 1

#### **Available**

To owners of Qualifying Facilities making sales of electricity to the Company in the State of Oregon.

### **Applicable**

For power purchased from Qualifying Facilities with a nameplate capacity of 10,000 kW or less or that, together with any other electric generating facility using the same motive force, owned or controlled by the same person(s) or affiliated person(s), and located at the same site, has a nameplate capacity of 10,000 kW or less. Owners of these Qualifying Facilities will be required to enter into a written power sales contract with the Company.

#### **Definitions**

### **Cogeneration Facility**

A facility which produces electric energy together with steam or other form of useful energy (such as heat) which are used for industrial, commercial, heating or cooling purposes through the sequential use of energy.

### **Qualifying Facilities**

Qualifying cogeneration facilities or qualifying small power production facilities within the meaning of section 201 and 210 of the Public Utility Regulatory Policies Act of 1978 (PURPA), 16 U.S.C. 796 and 824a-3.

#### **Qualifying Electricity**

Electricity that meets the requirements of "qualifying electricity" set forth in the Oregon Renewable Portfolio Standards: ORS 469A.010, 469A.020, and 469A.025.

#### Renewable Qualifying Facility

A Qualifying Facility that generates Qualifying Electricity.

### Wind Qualifying Facility

A Renewable Qualifying Facility that generates Qualifying Electricity using wind as its motive force.

### **Baseload Renewable Qualifying Facility**

A Renewable Qualifying Facility that generates Qualifying Electricity using any qualifying resource other than wind or solar.

### **Small Power Production Facility**

A facility which produces electric energy using as a primary energy source biomass, waste, renewable resources or any combination thereof and has a power production capacity which, together with other facilities located at the same site, is not greater than 80 megawatts.

### **On-Peak Hours or Peak Hours**

On-Peak hours are defined as 6:00 a.m. to 10:00 p.m. Pacific Prevailing Time Monday through Saturday, excluding NERC holidays.

Due to the expansions of Daylight Saving Time (DST) as adopted under Section 110 of the U.S. Energy Policy Act of 2005, the time periods shown above will begin and end one hour later for the period between the second Sunday in March and the first Sunday in April and for the period between the last Sunday in October and the first Sunday in November.



# AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

Page 2

### **Definitions (continued)**

#### **Off-Peak Hours**

All hours other than On-Peak.

#### **Excess Output**

Excess Output shall mean any increment of Net Output delivered at a rate, on an hourly basis, exceeding the Facility Nameplate Capacity. PacifiCorp shall pay Seller the Off-Peak Price as described and calculated under pricing option 4 (Non-Firm Market Index Avoided Cost Price) for all Excess Output.

#### Same Site

Generating facilities are considered to be located at the same site as the QF for which qualification for the standard rates and standard contract is sought if they are located within a five-mile radius of any generating facilities or equipment providing fuel or motive force associated with the QF for which qualification for the standard rates and standard contract is sought.

### Person(s) or Affiliated Person(s)

A natural person or persons or any legal entity or entities sharing common ownership, management or acting jointly or in concert with or exercising influence over the policies or actions of another person or entity. Two facilities will not be held to be owned or controlled by the same person(s) or affiliated person(s) solely because they are developed by a single entity. Two facilities will not be held to be owned or controlled by the same person(s) or affiliated person(s) if such common person or persons is a "passive investor" whose ownership interest in the QF is primarily related to utilizing production tax credits, green tag values and MACRS depreciation as the primary ownership benefit and the facilities at issue are independent family-owned or community-based projects. A unit of Oregon local government may also be a "passive investor" in a community-based project if the local governmental unit demonstrates that it will not have an equity ownership interest in or exercise any control over the management of the QF and that its only interest is a share of the cash flow from the QF, which share will not exceed 20%. The 20% cash flow share limit may only be exceeded for good cause shown and only with the prior approval of the Commission.

### **Shared Interconnection and Infrastructure**

QFs otherwise meeting the separate ownership test and thereby qualified for entitlement to the standard rates and standard contract will not be disqualified by utilizing an interconnection or other infrastructure not providing motive force or fuel that is shared with other QFs qualifying for the standard rates and standard contract so long as the use of the shared interconnection complies with the interconnecting utility's safety and reliability standards, interconnection contract requirements and Prudent Electrical Practices as that term is defined in the interconnecting utility's approved standard contract.

### **Dispute Resolution**

Upon request, the QF will provide the purchasing utility with documentation verifying the ownership, management and financial structure of the QF in reasonably sufficient detail to allow the utility to make an initial determination of whether or not the QF meets the above-described criteria for entitlement to the standard rates and standard contract.

# AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

Page 3

#### **Dispute Resolution (continued)**

Any dispute concerning a QF's entitlement to the standard rates and standard contract shall be presented to the Commission for resolution.

### **Self Supply Option**

Owner shall elect to sell all Net Output to PacifiCorp and purchase its full electric requirements from PacifiCorp or sell Net Output surplus to its needs at the Facility site to PacifiCorp and purchase partial electric requirements service from PacifiCorp, in accordance with the terms and conditions of the power purchase agreement and the appropriate retail service.

### **Pricing Options**

### 1. Standard Fixed Avoided Cost Prices

Prices are fixed at the time that the contract is signed by both the Qualifying Facility and the Company and will not change during the term of the contract. Standard Fixed Avoided Cost Prices are available for a contract term of up to 15 years and prices under a longer term contract (up to 20 years) will thereafter be under the Firm Market Indexed Avoided Cost Price, The Standard Fixed Avoided Cost pricing option is available to all Qualifying Facilities. The Standard Fixed Avoided Cost Price for Wind Qualifying Facilities will reflect integration costs as set forth on page 5.

#### 2. Renewable Fixed Avoided Cost Prices

Prices are fixed at the time that the contract is signed by both the Renewable Qualifying Facility and the Company and will not change during the term of the contract. Renewable Fixed Avoided Cost Prices are available for a contract term of up to 15 years and prices under a longer term contract (up to 20 years) will thereafter be under the Firm Market Indexed Avoided Cost Price. The Renewable Fixed Avoided Cost pricing option is available only to Renewable Qualifying Facilities. A Renewable Qualifying Facility choosing the Renewable Fixed Avoided Cost pricing option must cede all Green Tags generated by the facility, as defined in the standard contract, to the Company during the Renewable Resource Deficiency Period identified on page 6, except that a Renewable Qualifying Facility retains ownership of all Environmental Attributes generated by the facility, as defined in the standard contract, during the Renewable Resource Sufficiency Period identified on page 6 and during any period after the first 15 years of a longer term contract (up to 20 years).

#### 3. Firm Market Indexed Avoided Cost Prices

Firm Market Index Avoided Cost Prices are available to Qualifying Facilities that contract to deliver firm power. Monthly on-peak / off-peak prices paid are a blending of Intercontinental Exchange (ICE) Day Ahead Power Price Report at market hubs for on-peak and off-peak prices. The monthly blending matrix is available upon request.

### 4. Non-Firm Market Index Avoided Cost Prices

Non-Firm Market Index Avoided Cost Prices are available to Qualifying Facilities that do not elect to provide firm power. Qualifying Facilities taking this option will have contracts that do not include minimum delivery requirements, default damages for construction delay or, for under delivery or early termination, or default security for these purposes. Monthly On-Peak / Off-Peak prices paid are 93 percent of a blending of ICE Day Ahead Power Price Report at market hubs for on-peak and off-peak firm index prices. The monthly blending matrix is available upon request. The Non-Firm Market Index Avoided Cost pricing option is available to all Qualifying Facilities. The Non-Firm Market Index Avoided Cost Price for Wind Qualifying Facilities will reflect integration costs.



# AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

Page 4

### **Monthly Payments**

A Qualifying Facility shall select the option of payment at the time of signing the contract under one of the Pricing Options specified above. Once an option is selected the option will remain in effect for the duration of the Facility's contract.

### **Renewable or Standard Fixed Avoided Cost Prices**

In accordance with the terms of a contract with a Qualifying Facility, the Company shall pay for all separately metered kilowatt-hours of On-Peak and Off-Peak generation at the renewable or standard fixed prices as provided in this schedule. On-Peak and Off-Peak are defined in the definitions section of this schedule.

### Firm Market Indexed and Non-Firm Market Index Avoided Cost Prices

In accordance with the terms of a contract with a Qualifying Facility, the Company shall pay for all separately metered kilowatt-hours of On-Peak and Off-Peak generation at the market prices calculated at the time of delivery. On-Peak and Off-Peak are defined in the definitions section of this schedule.



AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

Page 5

### **Avoided Cost Prices**

### **Standard Fixed Avoided Cost Prices**

Fixed Prices ¢/kWh

Deliveries		oad QF (1)		Wind	ind QF (2)		Wind QF (2)		Solar QF	
During	On-Peak	Off-Peak		On-Peak	Off-Peak		On-Peak	Off-Peak		
Calendar	Energy	Energy		Energy	Energy		Energy	Energy		
Year	Price	Price		Price	Price		Price	Price		
<u> </u>	(a)	(b)	•	(c)	(d)	•	(e)	(f)		
2015	2.77	2.19		2.51	1.93		2.77	2.19		
2016	2.87	2.20		2.60	1.93		2.87	2.20		
2017	3.13	2.43		2.86	2.16		3.13	2.43		
2018	3.38	2.54		3.10	2.26		3.38	2.54		
2019	3.55	2.73		3.26	2.45		3.55	2.73		
2020	3.82	2.93		3.53	2.64		3.82	2.93		
2021	4.11	3.18		3.81	2.88		4.11	3.18		
2022	4.41	3.44		4.10	3.14		4.41	3.44		
2023	4.72	3.69		4.41	3.38		4.72	3.69		
2024	6.16	3.06		2.87	2.74		3.48	3.06		
2025	6.35	3.18		2.99	2.86		3.61	3.18		
2026	6.41	3.18		2.98	2.84		3.62	3.18		
2027	6.61	3.31		3.11	2.97		3.76	3.31		
2028	6.98	3.61		3.40	3.26		4.07	3.61		
2029	7.15	3.71		3.50	3.36		4.18	3.71		
2030	7.30	3.79		3.58	3.43		4.27	3.79		
2031	7.62	4.03		3.82	3.67		4.52	4.03		
2032	7.80	4.14		3.92	3.76		4.64	4.14		
2033	7.93	4.20		3.97	3.81		4.71	4.20		
2034	8.15	4.34		4.11	3.95		4.86	4.34		
2035	8.40	4.51		4.27	4.11		5.04	4.51		
2036	8.59	4.62		4.38	4.21		5.16	4.62		
2037	8.82	4.76		4.52	4.35		5.31	4.76		
2038	9.05	4.91		4.65	4.48		5.47	4.91		
2039	9.25	5.02		4.76	4.58		5.59	5.02		
2040	9.51	5.19		4.93	4.74		5.78	5.19		
2041	9.71	5.30		5.03	4.85		5.90	5.30		

<sup>(1)</sup> Capacity Contribution to Peak for Avoided Proxy Resource and Base Load Qualifying Facility resource are assumed 100%.

<sup>(2)</sup> The standard avoided cost price for wind is reduced by an integration charge of \$2.55/MWh (\$2012). If Wind Qualifying Facility is not in PacifiCorp's balancing authority area, then no reduction is required.



# AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

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### **Avoided Cost Prices (Continued)**

#### **Renewable Fixed Avoided Cost Prices**

Fixed Prices ¢/kWh

Deliveries	Renewable Bas	e Load QF (2)	Wind (	QF (3,4)	Solar	QF (5)
During	On-Peak	Off-Peak	On-Peak	Off-Peak	On-Peak	Off-Peak
Calendar	Energy	Energy	Energy	Energy	Energy	Energy
Year (1)	Price	Price	Price	Price	Price	Price
	(a)	(b)	(c)	(d)	(e)	(f)
2015	2.77	2.19	2.51	1.93	2.77	2.19
2016	2.87	2.20	2.60	1.93	2.87	2.20
2017	3.13	2.43	2.86	2.16	3.13	2.43
2018	3.38	2.54	3.10	2.26	3.38	2.54
2019	3.55	2.73	3.26	2.45	3.55	2.73
2020	3.82	2.93	3.53	2.64	3.82	2.93
2021	4.11	3.18	3.81	2.88	4.11	3.18
2022	4.41	3.44	4.10	3.14	4.41	3.44
2023	4.72	3.69	4.41	3.38	4.72	3.69
2024	11.96	7.05	8.67	6.73	9.28	7.05
2025	12.19	7.24	8.83	6.92	9.46	7.24
2026	12.36	7.51	8.93	7.18	9.56	7.51
2027	12.59	7.71	9.09	7.37	9.73	7.71
2028	12.82	7.91	9.24	7.57	9.91	7.91
2029	13.05	8.11	9.40	7.76	10.07	8.11
2030	13.27	8.32	9.55	7.96	10.24	8.32
2031	13.47	8.59	9.67	8.22	10.37	8.59
2032	13.78	8.75	9.90	8.37	10.62	8.75
2033	13.97	9.05	10.01	8.67	10.74	9.05
2034	14.17	9.36	10.13	8.97	10.88	9.36
2035	14.47	9.55	10.34	9.15	11.11	9.55
2036	14.85	9.65	10.63	9.25	11.42	9.65
2037	15.06	9.98	10.76	9.57	11.56	9.98
2038	15.58	9.94	11.19	9.51	12.00	9.94
2039	16.04	10.01	11.55	9.58	12.38	10.01
2040	16.38	10.22	11.80	9.77	12.65	10.22
2041	16.66	10.51	11.98	10.05	12.85	10.51

<sup>(1)</sup> For the purpose of determining: (i) when the Renewable Qualifying Facility is entitled to renewable avoided cost prices; and (ii) the ownership of Environmental Attributes and the transfer of Green Tags to PacifiCorp, the Renewable Resource Sufficiency Period ends December 31, 2023, and the Renewable Resource Deficiency Period begins January 1, 2024.

<sup>(2)</sup> The renewable avoided cost price during the Renewable Resource Deficiency Period (2024-2040) has been increased by an integration charge of \$2.55/MWh (\$2012).

<sup>(3)</sup> During the Renewable Resource Deficiency Period, the renewable avoided cost price for a Wind Qualifying Facility will be adjusted by adding the difference between the avoided integration costs and the Qualifying Facility's integration costs. If the Wind Qualifying Facility is in PacifiCorp's balancing authority area (BAA), the adjustment is zero (integration costs cancel each other out). If the Wind Qualifying Facility is not in PacifiCorp's BAA, \$2.55/MWh (\$2012) will be added for avoided integration charges.

<sup>(4)</sup> During Renewable Resource Sufficiency Period, the renewable avoided cost price for a Wind Qualifying Facility has been reduced by an integration charge of \$2.55/MWh (\$2012) for Wind Qualifying Facilities located in PacifiCorp's BAA (in-system). If a Wind Qualifying Facility is not in PacifiCorp's BAA, \$2.55/MWh (\$2012) will be added for avoided integration charges.

<sup>(5)</sup> The renewable avoided cost payment during the Renewable Resource Deficiency Period (2024-2040) has been increased by an integration charge of \$2.55/MWh (\$2012).



# AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

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### **Qualifying Facilities Contracting Procedure**

Interconnection and power purchase agreements are handled by different functions within the Company. Interconnection agreements (both transmission and distribution level voltages) are handled by the Company's transmission function (PacifiCorp Transmission Services) while power purchase agreements are handled by the Company's merchant function (PacifiCorp Commercial and Trading).

It is recommended that the owner initiate its request for interconnection 18 months ahead of the anticipated in-service date to allow time for studies, negotiation of agreements, engineering, procurement, and construction of the required interconnection facilities. Early application for interconnection will help ensure that necessary interconnection arrangements proceed in a timely manner on a parallel track with negotiation of the power purchase agreement.

### 1. Qualifying Facilities up to 10,000 kW

**APPLICATION:** To owners of existing or proposed QFs with a design capacity less than or equal to 10,000 kW who desire to make sales to the Company in the state of Oregon. Such owners will be required to enter into a written power purchase agreement with the Company pursuant to the procedures set forth below.

### I. Process for Completing a Power Purchase Agreement

### A. Communications

Unless otherwise directed by the Company, all communications to the Company regarding QF power purchase agreements should be directed in writing as follows:

PacifiCorp Manager-QF Contracts 825 NE Multnomah St, Suite 600 Portland, Oregon 97232

The Company will respond to all such communications in a timely manner. If the Company is unable to respond on the basis of incomplete or missing information from the QF owner, the Company shall indicate what additional information is required. Thereafter, the Company will respond in a timely manner following receipt of all required information.



# AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

Page 8

### B. Procedures

- 1. The Company's approved generic or standard form power purchase agreements may be obtained from the Company's website at <a href="www.pacificorp.com">www.pacificorp.com</a>, or if the owner is unable to obtain it from the website, the Company will send a copy within seven days of a written request.
- 2. In order to obtain a project specific draft power purchase agreement the owner must provide in writing to the Company, general project information required for the completion of a power purchase agreement, including, but not limited to:
  - (a) demonstration of ability to obtain QF status;
  - (b) design capacity (MW), station service requirements, and net amount of power to be delivered to the Company's electric system;
  - (c) generation technology and other related technology applicable to the site:
  - (d) proposed site location;
  - (e) schedule of monthly power deliveries;
  - (f) calculation or determination of minimum and maximum annual deliveries;
  - (g) motive force or fuel plan;
  - (h) proposed on-line date and other significant dates required to complete the milestones;
  - proposed contract term and pricing provisions as defined in this Schedule (i.e., standard fixed price, renewable fixed price);
  - (i) status of interconnection or transmission arrangements;
  - (k) point of delivery or interconnection;
- 3. The Company shall provide a draft power purchase agreement when all information described in Paragraph 2 above has been received in writing from the QF owner. Within 15 business days following receipt of all information required in Paragraph 2, the Company will provide the owner with a draft power purchase agreement including current standard avoided cost prices and/or other optional pricing mechanisms as approved by the Public Utility Commission of Oregon in this Schedule 37.
- 4. If the owner desires to proceed with the power purchase agreement after reviewing the Company's draft power purchase agreement, it may request in writing that the Company prepare a final draft power purchase agreement. In connection with such request, the owner must provide the Company with any additional or clarified project information that the Company reasonably determines to be necessary for the preparation of a final draft power purchase agreement. Within 15 business days following receipt of all information requested by the Company in this paragraph 4, the Company will provide the owner with a final draft power purchase agreement.



# AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10.000 KW OR LESS

Page 9

### B. Procedures (continued)

- After reviewing the final draft power purchase agreement, the owner may either prepare another set of written comments and proposals or approve the final draft power purchase agreement. If the owner prepares written comments and proposals the Company will respond in 15 business days to those comments and proposals.
- 6. When both parties are in full agreement as to all terms and conditions of the draft power purchase agreement, the Company will prepare and forward to the owner within 15 business days, a final executable version of the agreement. Following the Company's execution a completely executed copy will be returned to the owner. Prices and other terms and conditions in the power purchase agreement will not be final and binding until the power purchase agreement has been executed by both parties.

### II. Process for Negotiating Interconnection Agreements

[NOTE: Section II applies only to QFs connecting directly to PacifiCorp's electrical system. An off-system QF should contact its local utility or transmission provider to determine the interconnection requirements and wheeling arrangement necessary to move the power to PacifiCorp's system.]

In addition to negotiating a power purchase agreement, QFs intending to make sales to the Company are also required to enter into an interconnection agreement that governs the physical interconnection of the project to the Company's transmission or distribution system. The Company's obligation to make purchases from a QF is conditioned upon the QF completing all necessary interconnection arrangements. It is recommended that the owner initiate its request for interconnection 18 months ahead of the anticipated inservice date to help ensure that necessary interconnection arrangements proceed in a timely manner on a parallel track with negotiation of the power purchase agreement.

Because of functional separation requirements mandated by the Federal Energy Regulatory Commission, interconnection and power purchase agreements are handled by different functions within the Company. Interconnection agreements (both transmission and distribution level voltages) are handled by the Company's transmission function (including but not limited to PacifiCorp Transmission Services) while power purchase agreements are handled by the Company's merchant function (including but not limited to PacifiCorp's Commercial and Trading Group).



# AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

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# II. Process for Negotiating Interconnection Agreements (continued) A. Communications

Initial communications regarding interconnection agreements should be directed to the Company in writing as follows:

PacifiCorp Director – Transmission Services 825 NE Multnomah St, Suite 1600 Portland, Oregon 97232

Based on the project size and other characteristics, the Company will direct the QF owner to the appropriate individual within the Company's transmission function who will be responsible for negotiating the interconnection agreement with the QF owner. Thereafter, the QF owner should direct all communications regarding interconnection agreements to the designated individual, with a copy of any written communications to the address set forth above.

#### B. Procedures

Generally, the interconnection process involves (1) initiating a request for interconnection, (2) undertaking studies to determine the system impacts associated with the interconnection and the design, cost, and schedules for constructing any necessary interconnection facilities, and (3) executing an interconnection agreement to address facility construction, testing, acceptance, ownership, operation and maintenance issues. Consistent with PURPA and Oregon Public Utility Commission regulations, the owner is responsible for all interconnection costs assessed by the Company on a nondiscriminatory basis. For interconnections impacting the Company's Transmission and Distribution System, the Company will process the interconnection application through PacifiCorp Transmission Services.

## **EXHIBIT H**

## GREEN TAG ATTESTATION AND BILL OF SALE

Subject to Green Tags ownership as defined in Section 5.5, from the period commencing on and ending on, ("Seller") hereby sells, transfers and delivers to PacifiCorp the Green Tags (including all Green Tag Reporting Rights) associated with the generation of Net Output under the Power Purchase Agreement (Renewable Energy) between Seller and PacifiCorp dated [] (the "PPA"), as described below, in the amount of one Green Tag for each megawatt hour generated. Defined terms used in this Green Tag Attestation and Bill of Sale (as indicated by initial capitalization) shall have the meaning set forth in the PPA.					
Facility name	e and location:	Fuel Type:			
Capacity (MW	W): Operational Date:				
Energy Admir	in. ID no.:				
	Dates MWh generated				
Seller further	attests, warrants and represents, under penalty of p	perjury, as follows:			
i)	to the best of its knowledge, the information prov	vided herein is true and correct;			
ii)	its sale to PacifiCorp is its one and only sale of the	ne Green Tags referenced herein;			
iii)	the Facility generated Output in the amount indic	ated above; and			
iv)	to the best of Seller's knowledge, each of the Gregeneration Output have been generated and sold				
This Green Tag Attestation and Bill of Sale confirms, in accordance with the PPA, the transfer from Seller to PacifiCorp all of Seller's right, title and interest in and to the Green Tags (including Green Tag Reporting Rights), as set forth above.					
Seller's Contac	act Person: [	J			

WITN	ESS MY HAND,
a	
Ву	
Its	
Date:	

This Attestation may be disclosed by Seller and PacifiCorp to others, including the Center for Resource Solutions and the public utility commissions having jurisdiction over PacifiCorp, to substantiate and verify the accuracy of PacifiCorp's advertising and public communication claims, as well as in PacifiCorp's advertising and other public communications.

### ADDENDUM A

## Clarification of Certain Terms in the Power Purchase Agreement

Whereas, during the course of preparing this Power Purchase Agreement ("PPA"), the Parties discussed (1) the requirement for the Project to be designated a Network Resource by PacifiCorp, and (2) the need for line losses to be apportioned to multiple wind projects sharing the common gen-tie transmission line to the point of interconnection.

Whereas, Seller has elected step-in rights under Section 10.4 of the PPA as the form of security for its performance under the PPA.

Whereas, in order to minimize the likelihood of future dispute, the Parties wish to memorialize their intent and agreement with regard to the above issues.

NOW, THEREFORE, the Parties do hereby declare and agree as follows:

- 1. Capitalized Terms. Except as otherwise defined herein, all capitalized terms in this Addendum A shall have the meaning set forth in this PPA.
- 2. Network Resource Designation and Transmission Services. The Parties agree that Network Resource designation and transmission service obligations associated with such designation that are not described in the PPA are described in Addendum B to this PPA.
- 3. Changes in Security. Seller may, during the term of this PPA, substitute one form of credit security for another form of credit security allowed in Section 10 of the PPA, subject to PacifiCorp's consent, which shall not be unreasonably conditioned, delayed or withheld; *provided*, *that* PacifiCorp may review and approve (or disapprove) Seller's proposed substitution based on the criteria no more restrictive than PacifiCorp would have applied at the time of execution of this PPA.
- 4. **Retail Electric Service.** Recital E of the PPA does not provide the option for retail electric service by another utility to reflect the utility franchise rules in Oregon. Seller and PacifiCorp agree that under current Oregon rules, retail electric service shall be provided to Seller by Umatilla Electric Co-op and or Columbia Basin Electric Co-op. Addendum L further describes retail electric service.
- 4. Operation Prior to implementing Addendum L. Line loss and station service allocations are described in Addendum L to this PPA. Seller shall not generate and deliver energy to PacifiCorp prior to the execution of an agreement in the form of Addendum L by all parties (with such modifications reasonably acceptable to Seller and PacifiCorp). PacifiCorp's duty to pay Seller under this PPA is conditioned upon Seller's compliance with this Section.
- 5. Intent. Notwithstanding Section 22.1, or any other provision in the Power Purchase Agreement between Window Windform Land PacifiCorp (PPA), this Addendum A

# ADDENDUM A--Ctd

is an integral part of Seller's and PacifiCorp's PPA, executed contemporaneously therewith.

IN WITNESS WHEREOF, the Parties hereto acknowledge this Addendum A to be part of the Power Purchase Agreement between PacifiCorp and Seller.

PacifiCon

By: Spuce Griswold

Title: Director, Short-Term Origination

and QF Contracts

By/ Name: John Brown

Orchard Windform & LLC

Title: Manager

2

# ADDENDUM B Transmission Services

PacifiCorp and Seller are parties to that certain Power Purchase Agreement executed the date last written below (the "PPA"). This Addendum B to the PPA is entered into by and between PacifiCorp and Seller and is intended to be interpreted and applied to the PPA.

Whereas, the Parties for their respective business purposes have an interest in exporting excess generation from the Facility if Seller generation exceeds load in the load area in the vicinity of the Point of Delivery specified in the PPA ("Excess Generation");

Whereas, PacifiCorp may determine it needs to contract with a third-party transmission provider per that party's Open Access Transmission Tariff ("OATT") to purchase firm point-to-point ("PTP") transmission to export Excess Generation out of the load area from the Facility to other PacifiCorp network loads.

NOW, THEREFORE, for independent consideration, the receipt and sufficiency of which is acknowledged by both Parties, the Parties do hereby declare and agree as follows:

Within 7 calendar days of the execution of the PPA, PacifiCorp will submit its request to PacifiCorp Transmission to designate the Facility as a Network Resource under PacifiCorp's Open Access Transmission Tariff.

Within 14 calendar days of PacifiCorp receiving PacifiCorp Transmission's report from the investigation into the designation of the Facility as a Network Resource, PacifiCorp shall notify Seller of the status of Network Resource designation by PacifiCorp Transmission and any conditions that PacifiCorp must meet for Network Resource designation. Upon request by Seller, PacifiCorp will provide a copy of the report prepared by PacifiCorp Transmission.

PacifiCorp agrees to require PacifiCorp Transmission to perform the study in accordance with its OATT and applicable law and regulations. Seller agrees to pay all PacifiCorp's costs, if any, required to purchase firm PTP transmission to export Excess Generation out of the load area from the Facility to other PacifiCorp network loads, as required to meet any conditions that PacifiCorp Transmission identified in the report and as required for Network Resource designation of the Facility. The Parties agree to modify the PPA to the extent necessary to incorporate such costs.

Seller shall be entitled to terminate the PPA subject to the terms and conditions of the PPA if the cost of meeting such conditions is unacceptable to Seller.

# ADDENDUM B--Ctd

This Addendum B to the PPA is made effective thi	s 30 day of <u>fune</u> , 2016.
PacifiCom	Seller
Ву:	Ву:
Name: Bruce Griswold	Name: John Brown
Title: Director, Short-Term Origination and QF Contracts	Title: Manager
Date: 1400 27, 2016	Date: 6/30/10

### ADDENDUM L

### STATION LOAD, LOSSES, and NET OUTPUT ALLOCATION ALGORITHM for the Morrow Projects

This Addendum L is hereby made a part of, and clarifies certain terms in, the thirteen Oregon Standard Firm Qualifying Facility Power Purchase Agreements for Intermittent Resources 10 MW or Less (the "PPAs") entered into between each of the Morrow Projects and PacifiCorp (d/b/a Pacific Power & Light Company), an Oregon corporation, acting in its regulated utility capacity ("PacifiCorp").

Nine Oregon limited liability companies (Sand Ranch Windfarm, LLC; Oregon Trail Windfarm, LLC; Ward Butte Windfarm, LLC; Pacific Canyon Windfarm, LLC; Four Mile Canyon Windfarm, LLC; Four Corners Windfarm, LLC; Big Top, LLC; Butter Creek Power, LLC; and Wagon Trail, LLC) (collectively "Echo Projects"), each own wind powered electric generation facilities which together comprise a complex of nine separate, Oregon standard wind Qualifying Facilities, that share collector wires, and the Echo Projects 34.5/69 kV substation ("Echo Collection Facilities").

Four Oregon limited liability companies (Orchard Windfarm 1, LLC; Orchard Windfarm 2, LLC; Orchard Windfarm 3, LLC; and Orchard Windfarm 4, LLC) (collectively "Orchard Projects"), each own wind powered electric generation facilities which together comprise a complex of four separate, Oregon standard wind Qualifying Facilities, that share collector wires, and the Orchard Projects 34.5/69 kV substation ("Orchard Collection Facilities").

Together the Echo Projects and the Orchard Projects comprise the "Morrow Projects", which share a 69 kV line, and related equipment ("Shared Interconnection Facilities"), which connect the Echo Projects substation and the Orchard Projects substation to the Point of Delivery. Each of the Morrow Projects and PacifiCorp are referred to herein individually as a "Party" or collectively as the "Parties".

PacifiCorp has agreed to buy (and Seller has agreed to sell), at the Point of Delivery, Seller's total energy output net of: (1) Seller's station service and collection system losses; (2) energy provided by Seller to other Morrow Project(s) to supply their station service load and collection system losses; (3) Seller's share of the transformation losses (items (1-3) together are Seller's "Station Auxiliary Load and Losses"); and (4) Seller's share of the losses on the Shared Interconnection Facilities. However, Seller and PacifiCorp agree that it is impossible to directly measure Seller's Station Auxiliary Load and Losses separate and apart from the Station Auxiliary Load and Losses of the other Morrow Projects. Therefore, in order to implement an objective, practicable, and equitable process by which PacifiCorp may quantify energy delivered by Seller to the Point of Delivery (net of its Station Auxiliary Load and Losses and its share of losses on the Shared Interconnection Facilities), and quantify the energy supplied to Seller at the Point of Delivery, the Parties do agree as follows:

### A. Utility Roles and Obligations

The "Utility Supplier(s)" shall be the utility with the right (franchise) to provide retail electric service at the Facility (at the time this Addendum L becomes effective the Utility Supplier(s) are Umatilla Electric Co-op and or Columbia Basin Electric Co-op).

PacifiCorp shall own and maintain the metering at the Echo and Butter Creek substations and at the Point of Delivery and each month during the term of the Agreement, shall perform allocation calculations and electronically provide the results in table form to the Morrow Projects. The results of such calculations shall be used by PacifiCorp (in conjunction with the metered output of each individual Project) to determine Seller's Net Output in kWh and to enable the Utility Supplier(s) to render invoices for the energy supplied to the Morrow Projects to supply Station Auxiliary Load and Losses and line losses.

PacifiCorp shall have no obligation to serve any of the Morrow Projects' retail electric needs absent a separate written agreement with PacifiCorp and then only with the permission of Seller's Utility Supplier(s). Except as provided in this Addendum L, none of the costs associated with provision of retail electric service to Seller shall be borne by PacifiCorp.

Such calculations shall be based on the definitions and formulae below, with the raw data gathered from specified meters set to use a metering integration interval of 5, 10,15, or 60 minutes at PacifiCorp's election, to match the metering equipment installation PacifiCorp specified for the Morrow Projects, and be performed for each 60 minute period in the month ("Allocation Interval"). The Parties acknowledge that with the bi-directional metering at the Echo substation, at the Butter Creek substation, and at the Point of Delivery, it is possible for the Morrow Projects to sell Net Output and purchase retail energy during the same Allocation Interval.

### B. Billing Formulae

### 1. Definitions

PALL<sub>T</sub> = the accumulated energy purchased from Utility Supplier(s), during an Allocation Interval, as determined at the Point of Delivery, to supply the net total Station Auxiliary Load and Losses plus the losses on the Shared Interconnection Facilities for Morrow Projects i = 1 to 13 whenever such total load and losses exceeds total generation output during such Allocation Interval.

OP<sub>i</sub> = the metered output energy of Morrow Project i, during an Allocation Interval, as determined by PacifiCorp's meter at the point where Morrow Project i connects to the Echo Collection Facilities or the Orchard Collection Facilities. For an Allocation Interval during which energy is supplied to a Project, such supplied energy is accumulated in a separate meter register and does not decrement the register used to measure accumulated OP<sub>i</sub>. Therefore OP<sub>i</sub> is by definition always greater than or equal to zero, and in the event the meter records OP<sub>i</sub> less than zero, OP<sub>i</sub> shall be deemed to equal zero.

 $OP_{Echo}$  = the sum of  $OP_i$  for all Echo Projects.

 $OP_{Butter}$  = the sum of  $OP_i$  for all Orchard Projects.

NO<sub>T</sub> = the total Net Output energy delivered to the Point of Delivery (69 kV Busbar of PacifiCorp's Hinkle substation) during an Allocation Interval. NO<sub>T</sub> shall be as measured at PacifiCorp's meter near the Point of Delivery (kWh), adjusted for any transformation losses between the location of the metering measurement devices and the Point of Delivery. For any Allocation Interval during which Utility Suppliers supply energy to the Morrow Projects at the Point of Delivery, such supplied energy is accumulated in a separate meter register of the PacifiCorp meter at the Point of Delivery and does not decrement the register used to measure accumulated Net Output energy. Therefore NO<sub>T</sub> is by definition always greater than or equal to zero and in the event the meter records NO<sub>T</sub> less than zero, NO<sub>T</sub> shall be deemed to equal zero.

NO<sub>Echo</sub> = the portion of NO<sub>T</sub> attributable to the nine Echo Projects during an Allocation Interval.

NO<sub>Butter</sub> = the portion of NO<sub>T</sub> attributable to the four Orchard Projects during an Allocation Interval.

- NO<sub>i</sub> = the net energy sold to PacifiCorp by Morrow Project i during an Allocation Interval.
- BDM = the total energy output delivered by the Orchard Projects at the Butter Creek substation during an Allocation Interval as measured by the PacifiCorp-owned bi-directional meter equipment located on the 69 kV side of the Butter Creek substation in kWh.
- BPM = the total energy used by the Orchard Projects at the Butter Creek substation during an Allocation Interval as measured by the PacifiCorp-owned bi-directional meter equipment located on the 69 kV side of the Butter Creek substation in kWh.
- EDM = the total energy output delivered by the Echo Projects at the Echo substation during an Allocation Interval as measured by the PacifiCorp-owned bi-directional meter equipment located on the 69 kV side of the Echo substation in kWh.
- EPM = the total energy used by the Echo Projects at the Echo substation during an Allocation Interval as measured by the PacifiCorp-owned bi-directional meter equipment located on the 69 kV side of the Echo substation in kWh.
- ELOSS = the share of the losses on the Shared Interconnection Facilities during an Allocation Interval deemed to be attributed to the Echo Projects generation of OP<sub>Echo</sub> as determined by the formula in Section G of this Addendum L based on the concurrent value of EDM, which formula shall be subject to revision from time to time in accordance with Section G of this Addendum L. In the event OP<sub>Echo</sub> is less than or equal to zero, ELOSS shall be deemed equal to zero in kWh.

### 2. Calculations

Calculations shall be reconciled and settled monthly. Calculations shall be rounded to the nearest kilowatt-hour in the final step.

# (a). When Total Generation Output at the Point of Delivery <= Total Station Auxiliary Load and Losses

During an Allocation Interval, the contributions to the monthly billing determinants for the Echo Projects and the Orchard Projects purchases of energy from the Utility Supplier(s), to supply Station Auxiliary Load and Losses and any allocated shares of any associated losses on the Shared Interconnection Facilities, shall be determined with the following formulae:

Energy purchase monthly billing determinant contribution for the Echo Projects equals:

Zero, in the event  $PALL_T$  is equal to zero, and otherwise,  $EPM + [EPM / (EPM+BPM) * (PALL_T - EPM - BPM)]$  Energy purchase monthly billing determinant contribution for the Orchard Projects equals:

```
Zero, in the event PALL_T is equal to zero, and otherwise BPM + [BPM / (EPM+BPM) * (PALL_T - EPM - BPM)]
```

# (b). When Total Generation Output at the Point of Delivery > Total Station Auxiliary Load and Losses

During an Allocation Interval, the contributions to the monthly billing determinants for the Echo Projects and the Orchard Projects sale of Net Output to Pacificorp shall be determined with the following formulae:

```
NO_{Echo} = zero when EDM equals zero; and otherwise NO_{Echo} = the lesser of [EDM - ELOSS] and [NO<sub>T</sub>]; and
```

 $NO_{Butter}$  = zero when BDM equals zero; and otherwise  $NO_{Butter}$  = [  $NO_{T}$  -  $NO_{Echo}$  ];

For each Echo Project i:

$$NO_i = NO_{Echo} * [OP_i / OP_{Echo}]$$

For each Butter Creek Project i:

$$NO_i = NO_{Butter} * [OP_i / OP_{Butter}]$$

The Morrow Projects shall reconcile among themselves, as a matter independent of this Addendum L and the Agreement, any Allocation Intervals where EDM is zero and BDM is greater than zero, such that the Orchard Projects supplied the Station Auxiliary Load and Losses of the Echo Projects, EPM, resulting in a lesser NO<sub>Butter</sub> or where where BDM is zero and EDM is greater than zero, such that the Echo Projects supplied the Station Auxiliary Load and Losses of the Orchard Projects, BPM, resulting in a lesser NO<sub>Echo</sub> for such Allocation Intervals.

### C. Limitation of PacifiCorp Purchase Liability

PacifiCorp's total purchase obligation to the Morrow Projects shall at no time exceed total energy delivered by the Morrow Projects to the Point of Delivery. Therefore, in the event the sum of the Net Output energy (calculated according to the preceding formulae) for all the Morrow Projects is greater than NO<sub>T</sub>, then PacifiCorp shall reduce calculated Net Output energy from each Morrow Project, *pro rata* each Morrow Project's share of the OP<sub>T</sub>, such that the total energy purchased from all the Morrow Projects at the Point of Delivery by PacifiCorp equals NO<sub>T</sub>.

### D. PacifiCorp Right to Offset

In the event PacifiCorp determines it has underpaid one or more Morrow Projects (due to metering error or otherwise) and, as a result of underpaying one or more Morrow Projects, has overpaid Seller, PacifiCorp may adjust Seller's future payment(s) accordingly in order to recapture any overpayment received by Seller in a reasonable time.

### E. Effective Date

This Addendum L was negotiated jointly among the Morrow Projects and PacifiCorp, and each of the Morrow Projects' assent to Addendum L is essential to the purposes of this Addendum L. Therefore, this Addendum L shall not become effective until the first day of the first month after (1) all of the Morrow Projects have delivered to PacifiCorp an executed copy of Addendum L and PacifiCorp has executed same; and (2) all meters necessary to perform the calculations in Section 2 are operational ("Addendum L Effective Date").

### F. Recital E to the Power Purchase Agreement

The Parties' intentionally left blank the elective options in Recital E to their PPAs because neither option describes the Parties' intent. The Parties intend that, when NO<sub>T</sub> is greater than zero, Seller's full electric requirements will be served by its gross output or by the Net Output of other Morrow Projects. When NO<sub>T</sub> is less than or equal to zero, Seller's full electric requirements at the Point of Delivery will be served by Seller's Utility Supplier.

### G. Echo Projects Shared Interconnection Facilities Loss Formula (ELOSS)

During an Allocation Interval, the amount of the total losses (kWh) on the Shared Interconnection Facilities attributed to the output of the Echo Projects, ELOSS, shall be determined by the following formula:

ELOSS = 
$$(3-\text{phase EDM}/69)^2 * 1.1 / 1000$$

Where 3-phase EDM is the total energy delivered (kWh, measured at the Echo substation revenue meter) from the Echo Projects to the Echo substation during an Allocation Interval.

The Morrow Projects may, by unanimous agreement of the Morrow Projects, adjust the assumed loss formula (ELOSS) from time to time in order to more accurately approximate the line losses attributed to the generation from the Echo Projects on the Shared Interconnection Facilities in the absence of generation from the Orchard Projects. Any such adjustment may be communicated to PacifiCorp through the Morrow Project's duly authorized agent. Such adjustment(s) shall be effective for billing periods commencing 30 days after written notice of the adjustment to PacifiCorp. Adjustments to the ELOSS formula are subject to PacifiCorp's consent, which consent shall not be unreasonably withheld or delayed. Each Morrow Project at its request shall be entitled to all electronic records and data from the Morrow Projects at Hinkle and at the high-side meters located at the Echo Substation and the Butter Creek Substation.

**H.** Additional Meters. The cost to design install, and maintain meters at the 69kV side of the Echo substation and at the 69 kV side of the Butter Creek substation shall be paid by the Orchard Projects.

### I. Disclaimer; Limitation

The Parties acknowledge that the allocation of shared losses provided herein was agreed to by all of the Morrow Projects and PacifiCorp. PacifiCorp makes no warranty that the shared losses allocated among the Echo Projects will be equal to, less than, or greater than the shared line losses allocated among the Echo Projects under their previous Addenda L. This Addendum L shall not make any Morrow Project a party to any of the PPAs other than the PPA that Morrow Project has executed with PacifiCorp.

### I. Counterparts

This Addendum L may be executed in one or more duplicate counterparts, and when executed and delivered by all the Parties listed below, shall constitute a single binding agreement.

### J. Signatures

The individuals executing this Addendum L warrant that they have full authority to execute this Addendum L on behalf of the entity for whom they are acting herein.

IN WITNESS WHEREOF, the Parties by their officers thereunto duly authorized, have duly executed this Addendum L as of the date(s) provided below.

**PACIFICORP:** 

**PacifiCorp** 

By:

Name: Bruce Griswold

Title: Director, QFs and

**Short-term Origination** 

Date: \U

# **ECHO CO-OWNERS:**

Sand	l Ranch Windfarm, LLC	Oregon Trail Windfarm, LLC	
By:		By:	
	Name:	Name:	
	Title:	Title:	
	Date:	Date:	
Ward	d Butte Windfarm, LLC	Pacific Canyon Windfarm, LL	.C
Ву:		By:	
	Name:	Name:	
	Title:	Title:	
	Date:	Date:	
Four	Mile Canyon Windfarm, LLC	Four Corners Windfarm, LLC	
By:		By:	
	Name:	Name:	
	Title:	Title:	
	Date:	Date:	
Bit T	Top, LLC	Butter Creek Power, LLC	
By:		By:	
	Name:	Name:	
	Title:	Title:	
	Date:	Date:	
Wag	on Trail, LLC		
Ву:		_	
	Name:	_	
	Title:	_	
	Date:	_	

ORCHARD CO-OWNERS:	
Orchard Windfarm 1, LLC	Orchard Windfalm 2, LLC
Name: John Brown	By: Name: John Brown
Title: Manager	Title: Manager
Date: 10/30/16	Date: 6/30/16
Orchard Windfarm 3, LLC	Orchard Windfarm 4, LLC
By:	Ву:
Name: John Brown	Name: John Brown
Tifle: Manager	Title Manager
Date: (a/30/14	Date: 6/30/16

# POWER PURCHASE AGREEMENT

# **BETWEEN**

# **ORCHARD WINDFARM 3, LLC**

[a new Firm Qualifying Facility with 10,000 kW Facility Capacity Rating, or Less and an Intermittent Resource with Mechanical Availability Guarantee]

# **AND**

# **PACIFICORP**

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Oregon Standard Power Purchase Agreement (MAG QF), effective \_\_\_\_\_\_, 2014

ADDENDUM A: CLARIFICATION OF CERTAIN TERMS IN THE POWER PURCHASE AGREEMENT

ADDENDUM B: TRANSMISSION SERVICES

ADDENDUM L: STATION LOAD, LOSSES, AND NET OUTPUT ALLOCATION

ALGORITHM FOR THE MORROW PROJECTS

#### POWER PURCHASE AGREEMENT

THIS POWER PURCHASE AGREEMENT, entered into this 30 day of \_\_\_\_\_\_\_, 2016, is between Orchard Windfarm 3, LLC, "Seller" and PacifiCorp (d/b/a Pacific Power & Light Company), an Oregon corporation acting in its regulated utility capacity, "PacifiCorp." (Seller and PacifiCorp are referred to individually as a "Party" or collectively as the "Parties").

### **RECITALS**

- A. Seller intends to construct, own, operate and maintain a wind generation facility for the generation of electric power, including interconnection facilities, located in Morrow County and/or Umatilla County, Oregon with a Facility Capacity Rating of 10,000 kilowatts (kW) as further described in Exhibit A and Exhibit B ("Facility"); and
- B. Seller intends to commence delivery of Net Output under this Agreement, for the purpose of Start-up Testing, on October 1, 2019 ("Scheduled Initial Delivery Date"); and
- C. Seller intends to operate the Facility as a Qualifying Facility, commencing commercial operations on October 1, 2020 ("Scheduled Commercial Operation Date") which shall be established as no later than three years after Effective Date subject to Section 2.3; and
- D. Seller estimates that the average annual Net Energy to be delivered by the Facility to PacifiCorp is 30,207,163 kilowatt-hours (kWh), which amount of energy PacifiCorp will include in its resource planning; and
- E. Seller shall (choose one) ⊠ sell all Net Output to PacifiCorp and purchase its full electric requirements from PacifiCorp □ sell Net Output surplus to its needs at the Facility site to PacifiCorp and purchase partial electric requirements service from PacifiCorp, in accordance with the terms and conditions of this Agreement; and
- F. This Agreement is a "New QF Contract" under the PacifiCorp Inter-Jurisdictional Cost Allocation Protocol in effect on the Effective Date.

### **AGREEMENT**

NOW, THEREFORE, the Parties mutually agree as follows:

# **Section 1: DEFINITIONS**

When used in this Agreement, the following terms shall have the following meanings:

- 1.1 "As-built Supplement" shall be a supplement to Exhibit A and Exhibit B, provided by Seller following completion of construction of the Facility, describing the Facility as actually built.
- 1.2 "Availability" means the percentage of time that the Facility is capable of producing Net Energy during a Contract Year. The percentage of time during a Contract Year that the Facility is available to produce power is calculated as follows:

# % Availability ={ $[(H \times N)-(Sum \text{ of Downtime Hrs for N Turbines})]/(H \times N)} \times 100\%$

where H is the number of hours in the Contract Year and N is the number of turbines comprising the Facility. Downtime Hours (calculated in 10 minute increments), for each individual unit includes minutes in which the unit is not in "run" status, or is in "run" status but faulted (including any delay in resetting a fault). Notwithstanding the previous sentence, Downtime Hours does not include minutes that a unit is unavailable due to (i) an event of Force Majeure; (ii) a default by PacifiCorp under this Agreement; (iii) Lack of Motive Force at times when the Facility would otherwise be available (including the normal amount of time required by the generating equipment to resume operations following a Lack of Motive Force); or (iv) outages scheduled at least 90 days in advance with PacifiCorp's written consent, up to 200 hours per unit per year.

- 1.3 "Average Annual Generation" shall have the meaning set forth in Section 4.2.
- 1.4 "Billing Period" means, unless otherwise agreed to, the time period between PacifiCorp's consecutive readings of its power purchase billing meter at the Facility in the normal course of PacifiCorp's business. Such periods typically range between twenty-seven (27) and thirty-four (34) days and may not coincide with calendar months.
- 1.5 "CAMD" means the Clean Air Markets Division of the Environmental Protection Agency or successor administrator, or any state or federal entity given jurisdiction over a program involving transferability of Green Tags.
- 1.6 "Commercial Operation Date" means the date that the Facility is deemed by PacifiCorp to be fully operational and reliable, which shall require, among other things, that all of the following events have occurred:
  - 1.6.1 PacifiCorp has received a certificate addressed to PacifiCorp from a Licensed Professional Engineer stating (a) the Facility Capacity Rating of the Facility at the anticipated Commercial Operation Date; and (b) that the

Facility is able to generate electric power reliably in amounts required by this Agreement and in accordance with all other terms and conditions of this Agreement;

- 1.6.2 The Facility has completed Start-Up Testing;
- 1.6.3 PacifiCorp has received a certificate addressed to PacifiCorp from a Licensed Professional Engineer stating that, (a), in accordance with the Generation Interconnection Agreement, all required interconnection facilities and metering have been constructed, all required interconnection tests have been completed and the Facility is physically interconnected with PacifiCorp's electric system, and (b) if the Facility consists of multiple wind generation facilities on a common transmission line, the required metering equipment has been completed and tested in conformance with Section 8 of this Agreement (or if the Facility is interconnected with another electric utility that will wheel Net Output to PacifiCorp, all required interconnection facilities and metering equipment have been completed and tested and are in place to allow for such wheeling);
- 1.6.4 PacifiCorp has received a certificate addressed to PacifiCorp from an attorney in good standing in the State of Oregon stating that Seller has obtained all Required Facility Documents and if requested by PacifiCorp, in writing, has provided copies of any or all such requested Required Facility Documents. (Facilities over 200 kW only).
- 1.6.5 Seller has complied with the security requirements of Section 10.
- 1.6.6 PacifiCorp has received an executed copy of **Exhibit F**—Seller's Interconnection Request.
- 1.7 "Commission" means the Oregon Public Utilities Commission.
- 1.8 "Contract Price" means the applicable price for capacity or energy, or both capacity and energy, stated in Sections 5.1, 5.2, and 5.3.
- 1.9 "Contract Year" means a twelve (12)- month period commencing at 00:00 hours Pacific Prevailing Time ("PPT") on January 1 and ending on 24:00 hours PPT on December 31; provided, however, that the first Contract Year shall commence on the Commercial Operation Date and end on the next succeeding December 31, and the last Contract Year shall end on the Termination Date.
- 1.10 "Credit Requirements" means a long-term credit rating (corporate or long-term senior unsecured debt) of (1) "Baa3" or greater by Moody's, or (2) "BBB-" or greater by S&P, or such other indicia of creditworthiness acceptable to PacifiCorp in its reasonable judgment.
- 1.11 "Cut-in Speed" means the wind speed at which a stationary wind turbine begins producing Net Energy, as specified by the turbine manufacturer, and set forth in Exhibit A.

- 1.12 "Default Security", unless otherwise agreed to by the Parties in writing, means the amount of either a Letter of Credit or cash placed in an escrow account sufficient to replace twelve (12) average months of replacement power costs over the term of this Agreement, and shall be calculated by taking the average, over the term of this Agreement, of the positive difference between (a) the monthly forward power prices at Mid-C (as determined by PacifiCorp in good faith using information from a commercially reasonable independent source), multiplied by 110%, minus (b) the average of the Fixed Avoided Cost Prices specified in Schedule 37, and multiplying such difference by (c) 25% of the Average Annual Generation provided, however, the amount of Default Security shall in no event be less than the amount equal to the payments PacifiCorp would make for three (3) average months based on Seller's average monthly volume over the term of this Agreement and utilizing the average Fixed Avoided Cost Prices specified in Schedule 37. Such amount shall be fixed at the Effective Date of this Agreement.
  - 1.13 "Effective Date" shall have the meaning set forth in Section 2.1.
  - 1.14 "Energy Delivery Schedule" shall have the meaning set forth in Section 4.4.
- 1.15 "Environmental Attributes" shall mean any and all claims, credits, benefits, emissions reductions, offsets, and allowances, howsoever entitled, resulting from the avoidance of the emission of any gas, chemical, or other substance to the air, soil or water. Environmental Attributes include but are not limited to: (1) any avoided emissions of pollutants to the air, soil, or water such as (subject to the foregoing) sulfur oxides (SOx), nitrogen oxides (NOx), carbon monoxide (CO), and other pollutants; and (2) any avoided emissions of carbon dioxide (CO2), methane (CH4), and other greenhouse gases (GHGs) that have been determined by the United Nations Intergovernmental Panel on Climate Change to contribute to the actual or potential threat of altering the Earth's climate by trapping heat in the atmosphere.
- 1.16 "Excess Output" shall mean any increment of Net Output delivered at a rate, on an hourly basis, exceeding the Facility Capacity Rating.
  - 1.17 "Facility" shall have the meaning set forth in Recital A.
- 1.18 "Facility Capacity Rating" means the sum of the Nameplate Capacity Ratings for all generators comprising the Facility.
  - 1.19 "FERC" means the Federal Energy Regulatory Commission, or its successor.
- 1.20 "Mechanical Availability Guarantee" shall have the meaning set forth in Section 4.3.1.
- 1.21 "Generation Interconnection Agreement" means the generation interconnection agreement to be entered into separately between Seller and PacifiCorp's transmission or distribution department, as applicable, providing for the construction, operation, and maintenance of PacifiCorp's interconnection facilities required to accommodate deliveries of Seller's Net Output if the Facility is to be interconnected directly with PacifiCorp rather than another electric utility.

- 1.22 "Green Tags" means (1) the Environmental Attributes associated with all Net Output, together with (2) all WREGIS Certificates; and (3) the Green Tag Reporting Rights associated with such energy, Environmental Attributes and WREGIS Certificates, however commercially transferred or traded under any or other product names, such as "Renewable Energy Credits," "Green-e Certified", or otherwise. One (1) Green Tag represents the Environmental Attributes made available by the generation of one (1) MWh of energy from the Facility. Provided however, that "Green Tags" do not include Environmental Attributes that are greenhouse gas offsets from methane capture not associated with the generation of electricity and not needed to ensure that there are zero net emissions associated with the generation of electricity.
- 1.23 "Green Tag Reporting Rights" means the exclusive right of a purchaser of Green Tags to report exclusive ownership of Green Tags in compliance with federal or state law, if applicable, and to federal or state agencies or other parties at such purchaser's discretion, and include reporting under Section 1605(b) of the Energy Policy Act of 1992, or under any present or future domestic, international, or foreign emissions trading program or renewable portfolio standard.
- 1.24 "Lack of Motive Force" means temporary lack, due to natural causes, of: sunlight (for a solar powered facility), water (for a hydropower facility), current or wave amplitude (for a wave energy facility), or Sufficient Wind (for a wind turbine facility). Lack of Motive Force does not include lack of any motive force due to voluntary actions taken by Seller (e.g. lease or sale of water rights).
- 1.25 "Letter of Credit" means an irrevocable standby letter of credit, from an institution that has a long-term senior unsecured debt rating of "A" or greater from S&P or "A2" or greater from Moody's, in a form reasonably acceptable to PacifiCorp, naming PacifiCorp as the party entitled to demand payment and present draw requests thereunder.
- 1.26 "Licensed Professional Engineer" means a person acceptable to PacifiCorp in its reasonable judgment who is licensed to practice engineering in the state of Oregon, who has no economic relationship, association, or nexus with the Seller, and who is not a representative of a consulting engineer, contractor, designer or other individual involved in the development of the Facility, or of a manufacturer or supplier of any equipment installed in the Facility. Such Licensed Professional Engineer shall be licensed in an appropriate engineering discipline for the required certification being made.
- 1.27 "Material Adverse Change" means the occurrence of any event of default under any material agreement to which Seller is a party and of any other development, financial or otherwise, which would have a material adverse effect on Seller, the Facility or Seller's ability to develop, construct, operate, maintain or own the Facility as provided in this Agreement.
- 1.28 "Nameplate Capacity Rating" means the full-load electrical quantities assigned by the designer to a generator and its prime mover or other piece of electrical equipment, such as transformers and circuit breakers, under standardized conditions, expressed in amperes, kilovoltamperes, kilowatts, volts, or other appropriate units. Usually indicated on a nameplate attached to the individual machine or device.

- 1.29 "Net Energy" means the energy component, in kWh, of Net Output.
- 1.30 "Net Output" means all energy and capacity produced by the Facility, less station use and less transformation and transmission losses and other adjustments (e.g., Seller's load other than station use), if any. For purposes of calculating payment under this Agreement, Net Output of energy shall be the amount of energy flowing through the Point of Delivery.
- 1.31 "Net Replacement Power Costs" shall have the meaning set forth in Section 11.4.1.
  - 1.32 "Off-Peak Hours" means all hours of the week that are not On-Peak Hours.
- 1.33 "On-Peak Hours" means the hours between 6 a.m. Pacific Prevailing Time ("PPT") and 10 p.m. PPT, Mondays through Saturdays, excluding all hours occurring on holidays as provided in Schedule 37.
  - 1.34 "Output Shortfall" shall have the meaning set forth in Section 4.3.2
- 1.35 "Point of Delivery" means the high side of the Seller's step-up transformer(s) located at the point of interconnection between the Facility and PacifiCorp's distribution/ transmission system, as specified in the Generation Interconnection Agreement, or, if the Facility is not interconnected directly with PacifiCorp, the point at which another utility will deliver the Net Output to PacifiCorp as specified in Exhibit B.
- 1.36 "Prime Rate" means the publicly announced prime rate for commercial loans to large businesses with the highest credit rating in the United States in effect from time to time quoted by Citibank, N.A. If a Citibank, N.A. prime rate is not available, the applicable Prime Rate shall be the announced prime rate for commercial loans in effect from time to time quoted by a bank with \$10 billion or more in assets in New York City, New York, selected by the Party to whom interest based on the Prime Rate is being paid.
- 1.37 "Prudent Electrical Practices" means any of the practices, methods and acts engaged in or approved by a significant portion of the electrical utility industry or any of the practices, methods or acts, which, in the exercise of reasonable judgment in the light of the facts known at the time a decision is made, could have been expected to accomplish the desired result at the lowest reasonable cost consistent with reliability, safety and expedition. Prudent Electrical Practices is not intended to be limited to the optimum practice, method or act to the exclusion of all others, but rather to be a spectrum of possible practices, methods or acts.
- 1.38 "QF" means "Qualifying Facility," as that term is defined in the FERC regulations (codified at 18 CFR Part 292) in effect on the Effective Date.
- 1.39 "Renewable Resource Deficiency Period" means the period from January 1, 2024 through the Termination Date.
- 1.40 "Renewable Resource Sufficiency Period" means the period from Initial Delivery Date through December 31, 2023.

- 1.41 "Replacement Price" means the price at which PacifiCorp, acting in a commercially reasonable manner, purchases for delivery at the Point of Delivery a replacement for any Net Output that Seller is required to deliver under this Agreement plus (i) costs reasonably incurred by PacifiCorp in purchasing such replacement Net Output, and (ii) additional transmission charges, if any, reasonably incurred by PacifiCorp in causing replacement energy to be delivered to the Point of Delivery. If PacifiCorp elects not to make such a purchase, the Replacement Price shall be the market price at the Mid-Columbia trading hub for such energy not delivered, plus any additional cost or expense incurred as a result of Seller's failure to deliver, as determined by PacifiCorp in a commercially reasonable manner (but not including any penalties, ratcheted demand or similar charges).
- 1.42 "Required Facility Documents" means all licenses, permits, authorizations, and agreements, including a Generation Interconnection Agreement or equivalent, necessary for construction, operation, and maintenance of the Facility consistent with the terms of this Agreement, including without limitation those set forth in Exhibit C.
- 1.43 "Schedule 37" means the Schedule 37 of Pacific Power & Light Company's Commission-approved tariffs, providing pricing options for Qualifying Facilities of 10,000 kW or less, which is in effect on the Effective Date of this Agreement. A copy of that Schedule 37 is attached as **Exhibit G**.
- 1.44 "Scheduled Commercial Operation Date" shall have the meaning set forth in Recital C.
  - 1.45 "Scheduled Initial Delivery Date" shall have the meaning set forth in Recital B.
- 1.46 "Start-Up Testing" means the completion of required factory and start-up tests as set forth in Exhibit E hereto.
- 1.47 "Sufficient Wind" means any hour during which the average wind speed is equal to or greater than the manufacturer's rated Cut-in Speed for the wind turbines comprising the Facility.
  - 1.48 "Termination Date" shall have the meaning set forth in Section 2.4.
- 1.49 "WREGIS" means the Western Renewable Energy Generation Information System or successor organization in case WREGIS is ever replaced.
- 1.50 "WREGIS Certificate" means "Certificate" as defined by WREGIS in the WREGIS Operating Rules dated July 15, 2013.
- 1.51 "WREGIS Operating Rules" means the operating rules and requirements adopted by WREGIS, dated July 15, 2013.

# Section 2: TERM; COMMERCIAL OPERATION DATE

- 2.1 This Agreement shall become effective after execution by both Parties ("Effective Date").
- 2.2 **Time is of the essence for this Agreement,** and Seller's ability to meet certain requirements prior to the Commercial Operation Date and to deliver Net Output by the Scheduled Commercial Operation Date is critically important. Therefore,
  - 2.2.1 By September 1, 2016, Seller shall provide PacifiCorp with a copy of an executed Generation Interconnection Agreement, or wheeling agreement, as applicable, which shall be consistent with all material terms and requirements of this Agreement.
  - 2.2.2 Upon completion of construction, Seller, in accordance with Section 6.1, shall provide PacifiCorp with an As-built Supplement acceptable to PacifiCorp;
  - 2.2.3 By the date thirty (30) days after the Effective Date, Seller shall provide Default Security required under Sections 10.1 or 10.2, as applicable.
- 2.3 Seller shall cause the Facility to achieve Commercial Operation on or before the Scheduled Commercial Operation Date. Seller shall have the option to propose a Scheduled Commercial Operation Date beyond three years from the Effective Date. Unless Seller and PacifiCorp agree in writing that a later Scheduled Commercial Operation Date is reasonable and necessary, the Scheduled Commercial Operation Date shall be no more than three years from the date the Effective Date. PacifiCorp will not unreasonably withhold its agreement that a Scheduled Commercial Operation Date beyond the three-year period is reasonable and necessary. If Commercial Operation occurs after the Scheduled Commercial Operation Date, Seller shall be in default, and liable for delay damages specified in Section 11.
- 2.4 Except as otherwise provided herein, this Agreement shall terminate on June 30, 2039 [enter Date that is no later than 20 years after the Scheduled Initial Delivery Date] ("Termination Date").

#### **Section 3: REPRESENTATIONS AND WARRANTIES**

- 3.1 PacifiCorp represents, covenants, and warrants to Seller that:
  - 3.1.1 PacifiCorp is duly organized and validly existing under the laws of the State of Oregon.
  - 3.1.2 PacifiCorp has the requisite corporate power and authority to enter into this Agreement and to perform according to the terms of this Agreement.

- 3.1.3 PacifiCorp has taken all corporate actions required to be taken by it to authorize the execution, delivery and performance of this Agreement and the consummation of the transactions contemplated hereby.
- 3.1.4 The execution and delivery of this Agreement does not contravene any provision of, or constitute a default under, any indenture, mortgage, or other material agreement binding on PacifiCorp or any valid order of any court, or any regulatory agency or other body having authority to which PacifiCorp is subject.
- 3.1.5 This Agreement is a valid and legally binding obligation of PacifiCorp, enforceable against PacifiCorp in accordance with its terms (except as the enforceability of this Agreement may be limited by bankruptcy, insolvency, bank moratorium or similar laws affecting creditors' rights generally and laws restricting the availability of equitable remedies and except as the enforceability of this Agreement may be subject to general principles of equity, whether or not such enforceability is considered in a proceeding at equity or in law).
- 3.2 Seller represents, covenants, and warrants to PacifiCorp that:
  - 3.2.1 Seller is a limited liability company duly organized and validly existing under the laws of Oregon.
  - 3.2.2 Seller has the requisite power and authority to enter into this Agreement and to perform according to the terms hereof, including all required regulatory authority to make wholesale sales from the Facility.
  - 3.2.3 Seller has taken all actions required to authorize the execution, delivery and performance of this Agreement and the consummation of the transactions contemplated hereby.
  - 3.2.4 The execution and delivery of this Agreement does not contravene any provision of, or constitute a default under, any indenture, mortgage, or other material agreement binding on Seller or any valid order of any court, or any regulatory agency or other body having authority to which Seller is subject.
  - 3.2.5 This Agreement is a valid and legally binding obligation of Seller, enforceable against Seller in accordance with its terms (except as the enforceability of this Agreement may be limited by bankruptcy, insolvency, bank moratorium or similar laws affecting creditors' rights generally and laws restricting the availability of equitable remedies and except as the enforceability of this Agreement may be subject to general principles of equity, whether or not such enforceability is considered in a proceeding at equity or in law).

- 3.2.6 The Facility is and shall for the term of this Agreement continue to be a QF, and Seller will operate the Facility in a manner consistent with its FERC QF certification. Seller has provided to PacifiCorp the appropriate OF certification (which may include a FERC self-certification) prior to PacifiCorp's execution of this Agreement. At any time during the term of this Agreement, PacifiCorp may require Seller to provide PacifiCorp with evidence satisfactory to PacifiCorp in its reasonable discretion that the Facility continues to qualify as a QF under all applicable requirements and, if PacifiCorp is not satisfied that the Facility qualifies for such status, a written legal opinion from an attorney who is (a) in good standing in the state of Oregon, and (b) who has no economic relationship, association or nexus with the Seller or the Facility, stating that the Facility is a QF and providing sufficient proof (including copies of all documents and data as PacifiCorp may request) demonstrating that Seller has maintained and will continue to maintain the Facility as a QF.
- 3.2.7 Compliance with Ownership Requirements in Commission Proceedings No. UM 1129 and UM 1610. Seller will not make any changes in its ownership, control, or management during the term of this Agreement that would cause it to not be in compliance with the definition of a Small Cogeneration Facility or Small Power Production Facility provided in PacifiCorp's Schedule 37 tariff approved by the Commission at the time this Agreement is executed. Seller will provide, upon request by PacifiCorp not more frequently than every 36 months, such documentation and information as reasonably may be required to establish Seller's continued compliance with such Definition. PacifiCorp agrees to take reasonable steps to maintain the confidentiality of any portion of the above-described documentation and information that the Seller identifies as confidential except PacifiCorp will provide all such confidential information the Public Utility Commission of Oregon upon the Commission's request. These ownership requirements, as well as the dispute resolution provision governing any disputes over a QF's entitlement to the standard rates and standard contract with respect to the requirements, are detailed in Schedule 37.
- 3.2.8 <u>Additional Seller Creditworthiness Warranties</u>. Seller need not post security under Section 10 for PacifiCorp's benefit in the event of Seller default, provided that Seller warrants all of the following:
  - (a) Neither the Seller nor any of its principal equity owners is or has within the past two (2) years been the debtor in any bankruptcy proceeding, is unable to pay its bills in the ordinary course of its business, or is the subject of any legal or regulatory action, the result of which could reasonably be expected to impair Seller's ability to own and operate the Facility in accordance with the terms of this Agreement.

- (b) Seller has not at any time defaulted in any of its payment obligations for electricity purchased from PacifiCorp.
- (c) Seller is not in default under any of its other agreements and is current on all of its financial obligations, including construction related financial obligations.
- (d) Seller owns, and will continue to own for the term of this Agreement, all right, title and interest in and to the Facility, free and clear of all liens and encumbrances other than liens and encumbrances related to third-party financing of the Facility.
- (e) [Applicable only to Seller's with a Facility having a Facility Capacity Rating greater than 3,000 kW] Seller meets the Credit Requirements.

Seller affirms and adopts all warranties of this Section 3.2.8, and therefore is not required to post security under Section 10; or

X Seller does not affirm and adopt all warranties of this Section 3.2.8, and therefore Seller elects to post the security specified in Section 10.

3.3 Notice. If at any time during this Agreement, any Party obtains actual knowledge of any event or information which would have caused any of the representations and warranties in this Section 3 to have been materially untrue or misleading when made, such Party shall provide the other Party with written notice of the event or information, the representations and warranties affected, and the action, if any, which such Party intends to take to make the representations and warranties true and correct. The notice required pursuant to this Section shall be given as soon as practicable after the occurrence of each such event.

Seller hereby declares (Seller initial one only):

## Section 4: <u>DELIVERY OF POWER AND PERFORMANCE GUARANTEE</u>

- 4.1 Commencing on the Commercial Operation Date, unless otherwise provided herein, Seller will sell and PacifiCorp will purchase (a) all Net Output from the Facility delivered to the Point of Delivery and (b) all Green Tags associated with the output or otherwise resulting from the generation of energy by the Facility (which shall come from the Facility and from no other source), for the periods during which the Green Tags are required to be transferred to PacifiCorp under the terms of Section 5.5.
- 4.2 Average Annual Generation. Seller estimates that the Facility will generate, on average, 30,207,163 kWh per Contract Year ("Average Annual Generation"). Seller may, upon at least six months prior written notice, modify the Average Annual Generation every other Contract Year.

### 4.3 Performance Guaranty.

- 4.3.1 Mechanical Availability Guarantee. Seller guarantees that the annual Availability of the Facility (the "Mechanical Availability Guarantee") for (i) the first Contract Year shall be no less than 0.80, and (ii) for the second Contract Year shall be no less than 0.85. Beginning with the third Contract Year and for each Contract Year thereafter, the Mechanical Availability Guarantee for each Contract Year shall be 0.90, with such annual Availability to be calculated for purposes of this Section 4.3.1 for each Contract Year. Seller shall pay PacifiCorp liquidated damages under Section 11.4.1 if the Availability in any given Contract Year falls below the Mechanical Availability Guarantee for the Contract Year.
- 4.4 Energy Delivery Schedule. Seller has provided a monthly schedule of Net Energy expected to be delivered by the Facility ("Energy Delivery Schedule"), incorporated into Exhibit D.
- 4.5 Transfer of Title to Green Tags; Documentation of Green Tags Transfers. Subject to the Green Tags ownership as defined in Section 5.5, title to the Green Tags shall pass from Seller to PacifiCorp immediately upon the generation of the Net Output at the Facility that gives rise to such Green Tags. The Parties shall execute all additional documents and instruments reasonably requested by PacifiCorp in order to further document the transfer of the Green Tags to PacifiCorp or its designees. Without limiting the generality of the foregoing, Seller shall, on or before the 10th day of each month, deliver to PacifiCorp a Green Tags Attestation and Bill of Sale in the form attached as Exhibit H for all Green Tags delivered to PacifiCorp hereunder in the preceding month, along with any attestation that is then-current with the Center for Resource Solution's Green-e program or successor organization in case the Center for Resource Solutions is replaced by another party over the life of the contract. Seller, at its own cost and expense, shall register with, pay all fees required by, and comply with, all reporting and other requirements of WREGIS relating to the Facility or Green Tags, except that when Seller is required to transfer Green Tags to PacifiCorp under Section 5.5, PacifiCorp will pay all fees required by WREGIS relating to the Green Tags. Seller shall ensure that the Facility will participate in and comply with, during the Term, all aspects of WREGIS. Seller will use WREGIS as required pursuant to the WREGIS Operating Rules to effectuate the transfer of WREGIS Certificates to PacifiCorp, and transfer such WREGIS Certificates to PacifiCorp, in accordance with WREGIS reporting protocols and WREGIS Operating Rules. Seller may either elect to enter into a Qualified Reporting Entity Services Agreement with PacifiCorp in a form approved by PacifiCorp, enter into a Qualified Reporting Entity Services Agreement with a third-party authorized to act as a Qualified Reporting Entity, or elect to act as its own WREGISdefined Qualified Reporting Entity. Seller shall promptly give PacifiCorp copies of all documentation it submits to WREGIS. Further, in the event of the promulgation of a scheme involving Green Tags administered by CAMD, upon notification by CAMD that any transfer contemplated by this Agreement will not be recorded, the Parties shall promptly cooperate in taking all reasonable actions necessary so that such transfers can be recorded. Seller shall not report under Section 1605(b) of the Energy Policy Act of 1992 or under any applicable program that any of the Green Tags purchased by PacifiCorp hereunder belong to any person other than PacifiCorp. Without limiting the generality of PacifiCorp's ownership of the Green Tag

Reporting Rights, PacifiCorp may report under such program that such Green Tags purchased hereunder belong to it. Each Party shall promptly give the other Party copies of all documents it submits to the CAMD to effectuate any transfer. Seller shall reasonably cooperate in any registration by PacifiCorp of the Facility in the renewable portfolio standard or equivalent program in all such further states and programs in which PacifiCorp may wish to register or maintain registration of the Facility by providing copies of all such information as PacifiCorp reasonably required for such registration.

# **Section 5: PURCHASE PRICES**

5.1 Seller shall have the option to select one of three pricing options: Standard Fixed Avoided Cost Prices ("Fixed Price Standard"), Renewable Fixed Avoided Cost Prices ("Fixed Price Renewable"), or Firm Market Indexed Avoided Cost Prices ("Firm Electric Market"), as published in Schedule 37. Once an option is selected the option will remain in effect for the duration of the Facility's contract. Seller has selected the following (Seller to initial one):

	Fixed Price Standard
X	Fixed Price Renewable
	Firm Electric Market

A copy of Schedule 37, and a table summarizing the purchase prices under the pricing option selected by Seller, is attached as **Exhibit G.** 

- 5.2 (Fixed Price Standard Seller Only). In the event Seller elects the Fixed Price Standard pricing method, PacifiCorp shall pay Seller the applicable On-Peak and Off-Peak rates specified in **Schedule 37** during the first fifteen (15) years after the Scheduled Initial Delivery Date. Thereafter, PacifiCorp shall pay Seller Firm Electric Market.
- 5.3 (Fixed Price Renewable Seller Only). In the event Seller elects the Fixed Price Renewable pricing method, PacifiCorp shall pay Seller the applicable On-Peak and Off-Peak rates specified in **Schedule 37** during the first fifteen (15) years after the Scheduled Initial Delivery Date. Thereafter, PacifiCorp shall pay Seller Firm Electric Market.
- 5.4 For all Excess Output and for all Net Output delivered prior to the Commercial Operation Date, PacifiCorp shall pay Seller 93 percent of a blended market index price for day-ahead firm energy at Mid-Columbia, California Oregon Border (COB), Four Corners and Palo Verde market indices as reported by the Intercontinental Exchange (ICE), for the On-Peak and Off-Peak periods. PacifiCorp shall document its calculation of the blended rate, upon request, to Seller. Such payment will be accomplished by adjustments pursuant to Section 9.2
  - 5.5 Environmental Attributes
  - 5.5.1 (<u>Fixed Price Standard Seller Only</u>): PacifiCorp waives any claim to Seller's ownership of Environmental Attributes under this Agreement throughout the Term.

5.5.2 (<u>Fixed Price Renewable Seller Only</u>): PacifiCorp waives any claim to Seller's ownership of Environmental Attributes during the Renewable Resource Sufficiency Period, and any period within the Term of this Agreement after completion of the first fifteen (15) years after the Scheduled Initial Delivery Date. Subject to the foregoing, Seller shall transfer the Green Tags to PacifiCorp in accordance with Section 4.5 during the Renewable Resource Deficiency Period.

# Section 6: OPERATION AND CONTROL

- 6.1 As-Built Supplement. Upon completion of initial (and any subsequent) construction of the Facility, Seller shall provide PacifiCorp an As-Built Supplement to specify the actual Facility as built. The As-Built Supplement must be reviewed and approved by PacifiCorp, which approval shall not unreasonably be withheld, conditioned or delayed.
- 6.2 Incremental Utility Upgrades. At start-up (and at any other time upon at least six months' prior written notice), Seller may increase Net Output, if such increase is due to normal variances in estimated versus actual performance, changed Facility operations, or improvements in Facility efficiency. Seller may not increase Net Output under this Agreement by installing additional generating units. In the case of substantial upgrades, PacifiCorp may require Seller to comply with Section 3.2.8(e) (in the event that the Facility upgrade causes the Facility Capacity Rating to exceed 3,000 kW) and increase its Average Annual Generation in Section 4.2 (if appropriate). PacifiCorp may also update Seller's security obligation (if applicable). So long as the Facility Capacity Rating after the upgrade is 10,000 kW or less, Seller will continue to receive the Contract Price for the Net Output, as set forth in Sections 5.1, 5.2, and 5.3 of this Agreement. If Seller increases the Facility Capacity Rating above 10,000 kW, then (on a going forward basis) PacifiCorp shall pay Seller the Contract Price for the fraction of total Net Output equal to 10,000 kW divided by the Facility Capacity Rating of the upgraded Facility. For the remaining fraction of Net Output, PacifiCorp and Seller shall agree to a new negotiated rate. Seller shall be responsible for ensuring that any planned increase in the Facility Capacity Rating or the maximum instantaneous capacity of the Facility complies with Seller's Generation Interconnection Agreement and any other agreements with PacifiCorp.
- 6.3 Seller shall operate and maintain the Facility in a safe manner in accordance with the Generation Interconnection Agreement (if applicable), Prudent Electrical Practices and in accordance with the requirements of all applicable federal, state and local laws and the National Electric Safety Code as such laws and code may be amended from time to time. PacifiCorp shall have no obligation to purchase Net Output from the Facility to the extent the interconnection between the Facility and PacifiCorp's electric system is disconnected, suspended or interrupted, in whole or in part, pursuant to the Generation Interconnection Agreement, or to the extent generation curtailment is required as a result of Seller's non-compliance with the Generation Interconnection Agreement. PacifiCorp shall have the right to inspect the Facility to confirm that Seller is operating the Facility in accordance with the provisions of this Section 6.3 upon reasonable notice to Seller. Seller is solely responsible for the operation and maintenance of the Facility. PacifiCorp shall not, by reason of its decision to inspect or not to inspect the Facility, or by any action or inaction taken with respect to any such inspection, assume or be held

responsible for any liability or occurrence arising from the operation and maintenance by Seller of the Facility.

- 6.4 <u>Scheduled Outages</u>. Seller may cease operation of the entire Facility or individual units, if applicable, for maintenance or other purposes. Seller shall exercise its best efforts to notify PacifiCorp of planned outages at least ninety (90) days prior, and shall reasonably accommodate PacifiCorp's request, if any, to reschedule such planned outage in order to accommodate PacifiCorp's need for Facility operation.
- 6.5 <u>Unplanned Outages</u>. In the event of an unscheduled outage or curtailment exceeding twenty-five (25) percent of the Facility Capacity Rating (other than curtailments due to lack of motive force), Seller immediately shall notify PacifiCorp of the necessity of such unscheduled outage or curtailment, the time when such has occurred or will occur and the anticipated duration. Seller shall take all reasonable measures and exercise its best efforts to avoid unscheduled outage or curtailment, to limit the duration of such, and to perform unscheduled maintenance during Off-Peak hours.

# **Section 7: FUEL/MOTIVE FORCE**

Prior to the Effective Date of this Agreement, Seller provided to PacifiCorp a fuel or motive force plan acceptable to PacifiCorp in its reasonable discretion and attached hereto as **Exhibit D-1**, together with a certification from a Licensed Professional Engineer to PacifiCorp attached hereto as **Exhibit D-2**, certifying that the implementation of the fuel or motive force plan can reasonably be expected to provide fuel or motive force to the Facility for the duration of this Agreement adequate to generate power and energy in quantities necessary to deliver the Average Annual Generation set forth by Seller in Section 4.

# **Section 8: METERING**

- 8.1 Seller shall pay for, and PacifiCorp shall design, furnish, install, own, inspect, test, maintain and replace all metering equipment required pursuant to the Generation Interconnection Agreement, if applicable.
- 8.2 Seller shall pay for and design, furnish, install, own, inspect, test, maintain and replace all metering equipment required in order to calculate Availability of the Facility. Data required to calculate Availability include, but are not limited to: hourly average wind velocity measured at turbine hub height; and ambient air temperature. Seller shall make available all such data to PacifiCorp in electronic format per Section 8.5.
- 8.3 Metering shall be performed at the location and in a manner consistent with this Agreement and as specified in the Generation Interconnection Agreement, or, if the Facility is one of multiple wind generation facilities sharing a common transmission line, the required metering equipment has been completed and tested and is in place to correctly and accurately measure the amount of Net Output generated by the Facility and flowing into PacifiCorp's system at the Point of Delivery, or, if the Net Output is to be wheeled to PacifiCorp by another utility, metering will be performed in accordance with the terms of PacifiCorp's interconnection

agreement with such other utility. All quantities of energy purchased hereunder shall be adjusted to account for electrical losses, if any between the point of metering and the Point of Delivery, so that the purchased amount reflects the net amount of energy flowing into PacifiCorp's system at the Point of Delivery.

8.4 PacifiCorp shall periodically inspect, test, repair and replace the metering equipment as provided in the Generation Interconnection Agreement, if applicable. If the Net Output is to be wheeled to PacifiCorp by another utility, meter inspection, testing, repair and replacement will be performed in accordance with the terms of PacifiCorp's interconnection agreement with such utility. If any of the inspections or tests discloses an error exceeding two percent (2%), either fast or slow, proper correction, based upon the inaccuracy found, shall be made of previous readings for the actual period during which the metering equipment rendered inaccurate measurements if that period can be ascertained. If the actual period cannot be ascertained, the proper correction shall be made to the measurements taken during the time the metering equipment was in service since last tested, but not exceeding three (3) Billing Periods, in the amount the metering equipment shall have been shown to be in error by such test. Any correction in billings or payments resulting from a correction in the meter records shall be made in the next monthly billing or payment rendered following the repair of the meter.

# Section 9: <u>BILLINGS, COMPUTATIONS, AND PAYMENTS</u>

- 9.1 On or before the thirtieth (30th) day following the end of each Billing Period, PacifiCorp shall send to Seller payment for Seller's deliveries of Net Output to PacifiCorp, together with computations supporting such payment. PacifiCorp may offset any such payment to reflect amounts owing from Seller to PacifiCorp pursuant to this Agreement, the Generation Interconnection Agreement, or any other agreement between the Parties.
- 9.2 Corrections. PacifiCorp shall have up to eighteen months to adjust any payment made pursuant to Section 9.1. In the event PacifiCorp determines it has overpaid Seller (for Excess Output or otherwise), PacifiCorp may adjust Seller's future payment accordingly in order to recapture any overpayment in a reasonable time.
- 9.3 Annual Invoicing for Output Shortfall. Beginning on the first January 31 occurring after the Commercial Operation Date, and continuing on January 31 of each Contract Year thereafter, PacifiCorp shall deliver to Seller an invoice showing PacifiCorp's computation of Net Output and Output Shortfall, if any, for the prior Contract Year and any resulting amount due PacifiCorp as liquidated damages. In preparing such invoices, PacifiCorp shall utilize the meter data provided to PacifiCorp for the Contract Year in question, but may also rely on historical averages and such other information as may be available to PacifiCorp at the time of invoice preparation, if the meter data for such Contract Year is then incomplete or otherwise not available. To the extent required, PacifiCorp shall true up any such invoice as promptly as practicable following its receipt of actual results for the relevant Contract Year. Seller shall pay to PacifiCorp, by wire transfer or by any other means agreed to by the Parties in writing, the amount set forth as due in such invoice.

9.4 Any amounts owing after the due date thereof shall bear interest at the Prime Rate plus two percent (2%) from the date due until paid; *provided*, *however*, that the interest rate shall at no time exceed the maximum rate allowed by applicable law.

# **Section 10: SECURITY**

Unless Seller has adopted the creditworthiness warranties contained in Section 3.2.8, Seller must provide security (if requested by PacifiCorp) in the form of a cash escrow, letter of credit, senior lien, or step-in rights. Seller hereby elects to provide, in accordance with the applicable terms of this Section 10, the following security (Seller to initial one selection only):

	Cash Escrow
	Letter of Credit
	Senior Lien
X	_Step-in Rights
	Seller has adopted the Creditworthiness Warranties of Section 3.2.8.

In the event Seller's obligation to post default security (under Section 10 or Section 11.1.4) arises solely from Seller's delinquent performance of construction-related financial obligations, upon Seller's request, PacifiCorp will excuse Seller from such obligation in the event Seller has negotiated financial arrangements with its construction lenders that mitigate Seller's financial risks to PacifiCorp's reasonable satisfaction.

# [SKIP THIS SECTION 10.1 UNLESS SELLER SELECTED CASH ESCROW ALTERNATIVE]

10.1 Cash Escrow Security. Seller shall deposit in an escrow account established by PacifiCorp in a banking institution acceptable to both Parties, the Default Security. Such sum shall earn interest at the rate applicable to money market deposits at such banking institution from time to time. To the extent PacifiCorp receives payment from the Default Security, Seller shall, within fifteen (15) days, restore the Default Security as if no such deduction had occurred.

# [SKIP THIS SECTION 10.2 UNLESS SELLER SELECTED LETTER OF CREDIT ALTERNATIVE]

10.2 Letter of Credit Security. Seller shall post and maintain in an amount equal to the Default Security: (a) a guaranty from a party that satisfies the Credit Requirements, in a form acceptable to PacifiCorp in its discretion, or (b) a Letter of Credit in favor of PacifiCorp. To the extent PacifiCorp receives payment from the Default Security, Seller shall, within fifteen (15) days, restore the Default Security as if no such deduction had occurred.

# [SKIP THIS SECTION 10.3 UNLESS SELLER SELECTED SENIOR LIEN ALTERNATIVE]

10.3 Senior Lien. Before the Scheduled Commercial Operation Date, Seller shall grant PacifiCorp a senior, unsubordinated lien on the Facility and its assets as security for performance

of this Agreement by executing, acknowledging and delivering a security agreement and a deed of trust or a mortgage, in a recordable form (each in a form satisfactory to PacifiCorp in the reasonable exercise of its discretion). Pending delivery of the senior lien to PacifiCorp, Seller shall not cause or permit the Facility or its assets to be burdened by liens or other encumbrances that would be superior to PacifiCorp's, other than workers', mechanics', suppliers' or similar liens, or tax liens, in each case arising in the ordinary course of business that are either not yet due and payable or that have been released by means of a performance bond posted within eight (8) calendar days of the commencement of any proceeding to foreclose the lien.

# [SKIP THIS SECTION 10.4 UNLESS SELLER SELECTED STEP-IN RIGHTS ALTERNATIVE]

- 10.4 Step-in Rights (Operation by PacifiCorp Following Event of Default of Seller).
  - 10.4.1 Prior to any termination of this Agreement due to an Event of Default of Seller, as identified in Section 11, PacifiCorp shall have the right, but not the obligation, to possess, assume control of, and operate the Facility as agent for Seller (in accordance with Seller's rights, obligations, and interest under this Agreement) during the period provided for herein. Seller shall not grant any person, other than the lending institution providing financing to the Seller for construction of the Facility ("Facility Lender"), a right to possess, assume control of, and operate the Facility that is equal to or superior to PacifiCorp's right under this Section 10.4.
  - 10.4.2 PacifiCorp shall give Seller ten (10) calendar days notice in advance of the contemplated exercise of PacifiCorp's rights under this Section 10.4. Upon such notice, Seller shall collect and have available at a convenient, central location at the Facility all documents, contracts, books, manuals, reports, and records required to construct, operate, and maintain the Facility in accordance with Prudent Electrical Practices. Upon such notice, PacifiCorp, its employees, contractors, or designated third parties shall have the unrestricted right to enter the Facility for the purpose of constructing and/or operating the Facility. Seller hereby irrevocably appoints PacifiCorp as Seller's attorney-in-fact for the exclusive purpose of executing such documents and taking such other actions as PacifiCorp may reasonably deem necessary or appropriate to exercise PacifiCorp's step-in rights under this Section 10.4.
  - 10.4.3 During any period that PacifiCorp is in possession of and constructing and/or operating the Facility, no proceeds or other monies attributed to operation of the Facility shall be remitted to or otherwise provided to the account of Seller until all Events of Default of Seller have been cured.
  - 10.4.4 During any period that PacifiCorp is in possession of and operating the Facility, Seller shall retain legal title to and ownership of the Facility and PacifiCorp shall assume possession, operation, and control solely as agent for Seller.

- (a) In the event PacifiCorp is in possession and control of the Facility for an interim period, Seller shall resume operation and PacifiCorp shall relinquish its right to operate when Seller demonstrates to PacifiCorp's reasonable satisfaction that it will remove those grounds that originally gave rise to PacifiCorp's right to operate the Facility, as provided above, in that Seller (i) will resume operation of the Facility in accordance with the provisions of this Agreement, and (ii) has cured any Events of Default of Seller which allowed PacifiCorp to exercise its rights under this Section 10.4.
- (b) In the event that PacifiCorp is in possession and control of the Facility for an interim period, the Facility Lender, or any nominee or transferee thereof, may foreclose and take possession of and operate the Facility and PacifiCorp shall relinquish its right to operate when the Facility Lender or any nominee or transferee thereof, requests such relinquishment.
- 10.4.5 PacifiCorp's exercise of its rights hereunder to possess and operate the Facility shall not be deemed an assumption by PacifiCorp of any liability attributable to Seller. If at any time after exercising its rights to take possession of and operate the Facility PacifiCorp elects to return such possession and operation to Seller, PacifiCorp shall provide Seller with at least fifteen (15) calendar days advance notice of the date PacifiCorp intends to return such possession and operation, and upon receipt of such notice Seller shall take all measures necessary to resume possession and operation of the Facility on such date.

## **Section 11: DEFAULTS AND REMEDIES**

- 11.1 Events of Default. The following events shall constitute defaults under this Agreement:
  - 11.1.1 <u>Breach of Material Term.</u> Failure of a Party to perform any material obligation imposed upon that Party by this Agreement (including but not limited to failure by Seller to meet any deadline set forth in Section 2) or breach by a Party of a representation or warranty set forth in this Agreement.
  - 11.1.2 <u>Default on Other Agreements</u>. Seller's failure to cure any default under any commercial or financing agreements or instrument (including the Generation Interconnection Agreement) within the time allowed for a cure under such agreement or instrument.
  - 11.1.3 <u>Insolvency</u>. A Party (a) makes an assignment for the benefit of its creditors; (b) files a petition or otherwise commences, authorizes or

acquiesces in the commencement of a proceeding or cause of action under any bankruptcy or similar law for the protection of creditors, or has such a petition filed against it and such petition is not withdrawn or dismissed within sixty (60) days after such filing; (c) becomes insolvent; or (d) is unable to pay its debts when due.

- 11.1.4 <u>Material Adverse Change</u>. A Material Adverse Change has occurred with respect to Seller and Seller fails to provide such performance assurances as are reasonably requested by PacifiCorp, including without limitation the posting of additional Default Security, within thirty (30) days from the date of such request;
- 11.1.5 <u>Failure to Meet Scheduled Commercial Operation Date</u>. Seller's failure to achieve the Commercial Operation Date by the Scheduled Commercial Operation Date.
- 11.1.6 Failure to Meet Mechanical Availability Guarantee. Seller's failure to the Mechanical Availability Guarantee for two (2) consecutive years if such failure is not otherwise excused under this Agreement.
- 11.2 Notice; Opportunity to Cure.
  - 11.2.1 <u>Notice</u>. In the event of any default hereunder, the non-defaulting Party must notify the defaulting Party in writing of the circumstances indicating the default and outlining the requirements to cure the default.
  - 11.2.2 Opportunity to Cure. A Party defaulting under Section 11.1.1 shall have thirty (30) days to cure after receipt of proper notice from the non-defaulting Party. This thirty (30) day period shall be extended by an additional ninety (90) days if (a) the failure cannot reasonably be cured within the thirty (30) day period despite diligent efforts, (b) the default is capable of being cured within the additional ninety (90) day period, and (c) the defaulting Party commences the cure within the original thirty (30) day period and is at all times thereafter diligently and continuously proceeding to cure the failure. If Seller defaults under Section 11.1.5, Seller shall have one (1) year in which to cure the default during which time Seller shall pay PacifiCorp damages as provided for in Section 11.4.2.
  - 11.2.3 <u>Seller Default Under Other Agreements</u>. Seller shall cause any notices of default under any of its commercial or financing agreements or instruments to be sent by the other party to such agreements or instruments, or immediately forwarded, to PacifiCorp as a notice in accordance with Section 23.
  - 11.2.4 <u>Seller Delinquent on Construction-related Financial Obligations</u>. Seller promptly shall notify PacifiCorp (or cause PacifiCorp to be notified) anytime it becomes delinquent under any construction related financing

agreement or instrument related to the Facility. Such delinquency may constitute a Material Adverse Change, subject to Section 11.1.4.

#### 11.3 Termination.

- 11.3.1 Notice of Termination. If a default described herein has not been cured within the prescribed time, above, the non-defaulting Party may terminate this Agreement at its sole discretion by delivering written notice to the other Party and may pursue any and all legal or equitable remedies provided by law or pursuant to this Agreement. Subject to the one (1) year cure period in Section 11.2.2, PacifiCorp may terminate the Agreement for a default under Section 11.1.5 regardless of PacifiCorp's resource sufficiency/deficiency position. The rights provided in Section 10 and this Section 11 are cumulative such that the exercise of one or more rights shall not constitute a waiver of any other rights. Further, the Parties may by mutual written agreement amend this Agreement in lieu of a Party's exercise of its right to terminate.
- 11.3.2 In the event this Agreement is terminated because of Seller's default and Seller wishes to again sell Net Output to PacifiCorp following such termination, PacifiCorp in its sole discretion may require that Seller shall do so subject to the terms of this Agreement, including but not limited to the Contract Price, until the Termination Date (as set forth in Section 2.4). At such time Seller and PacifiCorp agree to execute a written document ratifying the terms of this Agreement.
- 11.3.3 <u>Damages</u>. If this Agreement is terminated as a result of Seller's default, Seller shall pay PacifiCorp the positive difference, if any, obtained by subtracting the Contract Price from the Replacement Price for the Average Annual Generation that Seller was otherwise obligated to provide at the Mechanical Availability Guarantee for a period of twenty-four (24) months from the date of termination, plus any cost incurred for transmission purchased to deliver the replacement power to the Point of Delivery, plus the estimated administrative cost to the utility to acquire replacement power. Amounts owed by Seller pursuant to this paragraph shall be due within five (5) business days after any invoice from PacifiCorp for the same.
- 11.3.4 If this Agreement is terminated because of Seller's default, PacifiCorp may foreclose upon any security provided pursuant to Section 10 to satisfy any amounts that Seller owes PacifiCorp arising from such default.

## 11.4 Damages.

11.4.1 <u>Failure to Meet Mechanical Availability Guarantee</u>. Liquidated damages for Seller's failure to meet the Mechanical Availability Guarantee shall be calculated as follows: (i) the "**Shortfall**" shall be 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 Mechanical Availability Guarantee for the Contract Year and the actual Net Output provided by the Seller for the Contract Year; (ii) multiply the Shortfall by the positive difference, if any, obtained by subtracting the Contract Price applicable to the period of Shortfall from the Replacement Price at which PacifiCorp purchases replacement power; and (iii) add any reasonable costs incurred by PacifiCorp to purchase replacement power and additional transmission costs to deliver replacement power to the Point of Delivery, if any.

11.4.2 Failure to Deliver Net Output. In the event Seller defaults under Subsection 11.1.5, then Seller shall pay PacifiCorp the positive difference, if any, obtained by subtracting the Contract Price from the Replacement Price during the period of default; *provided, however*, that the positive difference obtained by subtracting the Contract Price from the Replacement Price shall not exceed the Contract Price, and the period of default under this Section 11.4.2 shall not exceed one (1) year.

# 11.4.3 Recoupment of Damages.

- (a) <u>Default Security Available</u>. If Seller has posted Default Security, PacifiCorp may draw upon that security to satisfy any damages, above.
- (b) <u>Default Security Unavailable</u>. If Seller has not posted Default Security, or if PacifiCorp has exhausted the Default Security, PacifiCorp may collect any remaining amount owing by partially withholding future payments to Seller over a reasonable period of time, which period shall not be less than the period over which the default occurred. PacifiCorp and Seller shall work together in good faith to establish the period, and monthly amounts, of such withholding so as to avoid Seller's default on its commercial or financing agreements necessary for its continued operation of the Facility.

# Section 12: INDEMNIFICATION AND LIABILITY

#### 12.1 Indemnities.

12.1.1 <u>Indemnity by Seller</u>. Seller shall release, indemnify and hold harmless PacifiCorp, its directors, officers, agents, and representatives against and from any and all loss, fines, penalties, claims, actions or suits, including costs and attorney's fees, both at trial and on appeal, resulting from, or arising out of or in any way connected with (a) the energy delivered by Seller under this Agreement to and at the Point of Delivery, (b) any

facilities on Seller's side of the Point of Delivery, (c) Seller's operation and/or maintenance of the Facility, or (d) arising from this Agreement, including without limitation any loss, claim, action or suit, for or on account of injury, bodily or otherwise, to, or death of, persons, or for damage to, or destruction or economic loss of property belonging to PacifiCorp, Seller or others, excepting only such loss, claim, action or suit as may be caused solely by the fault or gross negligence of PacifiCorp, its directors, officers, employees, agents or representatives.

- 12.1.2 Indemnity by PacifiCorp. PacifiCorp shall release, indemnify and hold harmless Seller, its directors, officers, agents, Lenders and representatives against and from any and all loss, fines, penalties, claims, actions or suits, including costs and attorney's fees, both at trial and on appeal, resulting from, or arising out of or in any way connected with the energy delivered by Seller under this Agreement after the Point of Delivery, including without limitation any loss, claim, action or suit, for or on account of injury, bodily or otherwise, to, or death of, persons, or for damage to, or destruction or economic loss of property, excepting only such loss, claim, action or suit as may be caused solely by the fault or gross negligence of directors. employees, agents. Seller. its officers. Lenders representatives.
- 12.2 No Dedication. Nothing in this Agreement shall be construed to create any duty to, any standard of care with reference to, or any liability to any person not a Party to this Agreement. No undertaking by one Party to the other under any provision of this Agreement shall constitute the dedication of that Party's system or any portion thereof to the other Party or to the public, nor affect the status of PacifiCorp as an independent public utility corporation or Seller as an independent individual or entity.
- 12.3 No Consequential Damages. Except to the extent such damages are included in the liquidated damages, delay damages, cost to cover damages or other specified measure of damages expressly provided for in this Agreement, neither Party shall be liable to the other Party for special, punitive, indirect, exemplary or consequential damages, whether such damages are allowed or provided by contract, tort (including negligence), strict liability, statute or otherwise.

# Section 13: INSURANCE (FACILITIES OVER 200KW ONLY)

13.1 <u>Certificates</u>. Prior to connection of the Facility to PacifiCorp's electric system, or another utility's electric system if delivery to PacifiCorp is to be accomplished by wheeling, Seller shall secure and continuously carry insurance in compliance with the requirements of this Section. Seller shall provide PacifiCorp insurance certificate(s) (of "ACORD Form" or the equivalent) certifying Seller's compliance with the insurance requirements hereunder. Commercial General Liability coverage written on a "claims-made" basis, if any, shall be specifically identified on the certificate. If requested by PacifiCorp, a copy of each insurance policy, certified as a true copy by an authorized representative of the issuing insurance company, shall be furnished to PacifiCorp.

- 13.2 <u>Required Policies and Coverages</u>. Without limiting any liabilities or any other obligations of Seller under this Agreement, Seller shall secure and continuously carry with an insurance company or companies rated not lower than "B+" by the A.M. Best Company the insurance coverage specified below:
  - 13.2.1 Commercial General Liability insurance, to include contractual liability, with a minimum single limit of \$1,000,000 to protect against and from all loss by reason of injury to persons or damage to property based upon and arising out of the activity under this Agreement.
  - 13.2.2 All Risk Property insurance providing coverage in an amount at least equal to the full replacement value of the Facility against "all risks" of physical loss or damage, including coverage for earth movement, flood, and boiler and machinery. The Risk policy may contain separate sublimits and deductibles subject to insurance company underwriting guidelines. The Risk Policy will be maintained in accordance with terms available in the insurance market for similar facilities.
- 13.3 The Commercial General Liability policy required herein shall include i) provisions or endorsements naming PacifiCorp, its Board of Directors, Officers and employees as additional insureds, and ii) cross liability coverage so that the insurance applies separately to each insured against whom claim is made or suit is brought, even in instances where one insured claims against or sues another insured.
- 13.4 All liability policies required by this Agreement shall include provisions that such insurance is primary insurance with respect to the interests of PacifiCorp and that any other insurance maintained by PacifiCorp is excess and not contributory insurance with the insurance required hereunder, and provisions that such policies shall not be canceled or their limits of liability reduced without 1) ten (10) days prior written notice to PacifiCorp if canceled for nonpayment of premium, or 2) thirty (30) days prior written notice to PacifiCorp if canceled for any other reason.
- 13.5 Insurance coverage provided on a "claims-made" basis shall be maintained by Seller for a minimum period of five (5) years after the completion of this Agreement and for such other length of time necessary to cover liabilities arising out of the activities under this Agreement.

### **Section 14: FORCE MAJEURE**

14.1 As used in this Agreement, "Force Majeure" or "an event of Force Majeure" means any cause beyond the reasonable control of the Seller or of PacifiCorp which, despite the exercise of due diligence, such Party is unable to prevent or overcome. By way of example, Force Majeure may include but is not limited to acts of God, fire, flood, storms, wars, hostilities, civil strife, strikes, and other labor disturbances, earthquakes, fires, lightning, epidemics, sabotage, restraint by court order or other delay or failure in the performance as a result of any action or inaction on behalf of a public authority which by the exercise of reasonable foresight

such Party could not reasonably have been expected to avoid and by the exercise of due diligence, it shall be unable to overcome, subject, in each case, to the requirements of the first sentence of this paragraph. Force Majeure, however, specifically excludes the cost or availability of fuel or motive force resources to operate the Facility or changes in market conditions that affect the price of energy or transmission. If either Party is rendered wholly or in part unable to perform its obligation under this Agreement because of an event of Force Majeure, that Party shall be excused from whatever performance is affected by the event of Force Majeure to the extent and for the duration of the event of Force Majeure, after which such Party shall recommence performance of such obligation, provided that:

- 14.1.1 the non-performing Party, shall, within two (2) weeks after the occurrence of the Force Majeure, give the other Party written notice describing the particulars of the occurrence; and
- 14.1.2 the suspension of performance shall be of no greater scope and of no longer duration than is required by the event of Force Majeure; and
- 14.1.3 the non-performing Party uses its best efforts to remedy its inability to perform.
- 14.2 No obligations of either Party which arose before the Force Majeure causing the suspension of performance shall be excused as a result of the event of Force Majeure.
- 14.3 Neither Party shall be required to settle any strike, walkout, lockout or other labor dispute on terms which, in the sole judgment of the Party involved in the dispute, are contrary to the Party's best interests.
- 14.4 PacifiCorp may terminate the Agreement if Seller fails to remedy Seller's inability to perform, due to an event of Force Majeure, within six months after the occurrence of the event.

# **Section 15: SEVERAL OBLIGATIONS**

Nothing contained in this Agreement shall ever be construed to create an association, trust, partnership or joint venture or to impose a trust or partnership duty, obligation or liability between the Parties. If Seller includes two or more parties, each such party shall be jointly and severally liable for Seller's obligations under this Agreement.

# **Section 16: CHOICE OF LAW**

This Agreement shall be interpreted and enforced in accordance with the laws of the State of Oregon, excluding any choice of law rules which may direct the application of the laws of another jurisdiction.

## **Section 17: PARTIAL INVALIDITY**

It is not the intention of the Parties to violate any laws governing the subject matter of this Agreement. If any of the terms of the Agreement are finally held or determined to be invalid, illegal or void as being contrary to any applicable law or public policy, all other terms of the Agreement shall remain in effect. If any terms are finally held or determined to be invalid, illegal or void, the Parties shall enter into negotiations concerning the terms affected by such decision for the purpose of achieving conformity with requirements of any applicable law and the intent of the Parties to this Agreement.

## **Section 18: WAIVER**

Any waiver at any time by either Party of its rights with respect to a default under this Agreement or with respect to any other matters arising in connection with this Agreement must be in writing, and such waiver shall not be deemed a waiver with respect to any subsequent default or other matter.

#### Section 19: GOVERNMENTAL JURISDICTIONS AND AUTHORIZATIONS

This Agreement is subject to the jurisdiction of those governmental agencies having control over either Party or this Agreement. Seller shall at all times maintain in effect all local, state and federal licenses, permits and other approvals as then may be required by law for the construction, operation and maintenance of the Facility, and shall provide upon request copies of the same to PacifiCorp.

#### **Section 20: REPEAL OF PURPA**

This Agreement shall not terminate upon the repeal of the PURPA, unless such termination is mandated by federal or state law.

#### Section 21: SUCCESSORS AND ASSIGNS

This Agreement and all of the terms hereof shall be binding upon and inure to the benefit of the respective successors and assigns of the Parties. No assignment hereof by either Party shall become effective without the written consent of the other Party being first obtained and such consent shall not be unreasonably withheld, conditioned or delayed. Notwithstanding the foregoing, either Party may assign this Agreement without the other Party's consent to a lender as part of a financing transaction or as part of (a) a sale of all or substantially all of the assigning Party's assets, or (b) a merger, consolidation or other reorganization of the assigning Party.

# **Section 22: ENTIRE AGREEMENT**

- 22.1 This Agreement supersedes all prior agreements, proposals, representations, negotiations, discussions or letters, whether oral or in writing, regarding PacifiCorp's purchase of Net Output from the Facility. No modification of this Agreement shall be effective unless it is in writing and signed by both Parties.
- 22.2 By executing this Agreement, Seller releases PacifiCorp from any claims, known or unknown, that may have arisen prior to the Effective Date.

# Section 23: NOTICES

23.1 All notices except as otherwise provided in this Agreement shall be in writing, shall be directed as follows and shall be considered delivered if delivered in person or when deposited in the U.S. Mail, postage prepaid by certified or registered mail and return receipt requested.

Notices	PacifiCorp	Seller
All Notices	PacifiCorp 825 NE Multnomah Street Portland, OR 97232 Attn: Contract Administration, Suite 600 Phone: (503) 813 - 5380 Facsimile: (503) 813 - 6291 Duns: 00-790-9013 Federal Tax ID Number: 93-0246090	Mr. John Brown 8030 Companies, Inc. 855 13 <sup>th</sup> Street Boulder, Colorado 8032 Phone: 303.818.2703 Facsimile: 303.818.0077 Email: johnmbrown@8030companies.com Duns: 068695017 Federal Tax ID Number: 27-5004692
	Email: cntadmin@PacifiCorp.com	With copies to: Mauri Miller Oregon Windfarms, LLC 3145 Geary Blvd., #723 San Francisco, CA 94118  Phone: 415-289-0715 Cell: 415-244-6592 cell Email: mauri@envisionwind.com
All Invoices:	(same as street address above) Attn: Back Office, Suite 700 Phone: (503) 813 - 5578 Facsimile: (503) 813 - 5580	(same as above)
Scheduling:	(same as street address above) Attn: Resource Planning, Suite 600 Phone: (503) 813 - 6090 Facsimile: (503) 813 - 6265	(same as above)
Payments:	(same as street address above) Attn: Back Office, Suite 700 Phone: (503) 813 - 5578	(same as above)

Facsimile: (503) 813 - 5580

Wire Transfer:

Bank One N.A.

(same as above)

ABA: ACCT:

NAME: PacifiCorp Wholesale

Credit and

(same as street address above)

(same as above)

Collections

Attn: Credit Manager, Suite 700 Phone: (503) 813 - 5684

Facsimile: (503) 813 - 5609

With Additional

(same as street address above)

(same as above)

Notices of an Event of Default or Potential Event of Default to:

PacifiCorp Legal Department, Suite

Attn: Assistant General Counsel Facsimile (503) 813-6761

23.2 The Parties may change the person to whom such notices are addressed, or their addresses, by providing written notices thereof in accordance with this Section 23.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed in their respective names as of the date first above written.

Name: Brace Griswold

Title: Director, Short-term Origination

and QF Contracts

Name:

#### **EXHIBIT A**

# DESCRIPTION OF SELLER'S FACILITY [Seller to Complete]

Seller's Facility consists of Five (5) generators manufactured by General Electric. More specifically, each generator at the Facility is described as:

Type (synchronous or inductive): Inductive

Model: GE 2.0-116 Number of Phases:

Rated Output (kW): 2000 Rated Output (kVA): 2105

Rated Voltage (line to line): 690

Rated Current (A): Stator: 1900 A; Rotor: 750 A

Maximum kW Output: 2,000 kW Maximum kVA Output: 2105 kVA

Minimum kW Output: 0 kW

Manufacturer's Guaranteed Cut-in Wind Speed [if applicable]:

Facility Capacity Rating: 10,000 kW

Identify the maximum output of the generator(s) and describe any differences between that output and the Nameplate Capacity Rating:

Station service requirements, and other loads served by the Facility, if any, are described as follows: Station service requirements are estimated to be 200,000 kWh annually, depending on conditions at the site of the Facility. Seller has not yet made final arrangements for station service. Seller will discuss options with PacifiCorp, Umatilla Electric Cooperative and Columbia Basin Electric Cooperative

**Location of the Facility**: The Facility is to be constructed in the vicinity of Hinkle in Umatilla and Morrow Counties, Oregon. The location is more particularly described as follows:

The location of the Facility will be T2N R27E S30. See attached Map in Exhibit A-1.

The Facility will be allowed to relocate to the following alternate locations due to any location constraints:

T1N R26E S2,3,4,8,9,10,11,13,14,15,23,24

T1N R27E S1,2,3,4,8,9,10,11,12,13,16,17,18,20,21,22,29,31,32

T1N R28E S6,7,8,17,18,19,20

T2N R26E S2,3,5,9,10,11,14,15,16,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35

T2N R27E S3,4,5,6,7,8,9,10,15,16,17,18,19,20,21

T3N R26E S33,34,35,36

T3N R27E S31,32

The relocation will be allowed for each project subject to the following conditions:

1. the OF remains eligible under Schedule 37

- 2. the point of delivery does not change
- 3. Project location meets all FERC and Oregon Commission restrictions on distance between QF projects.

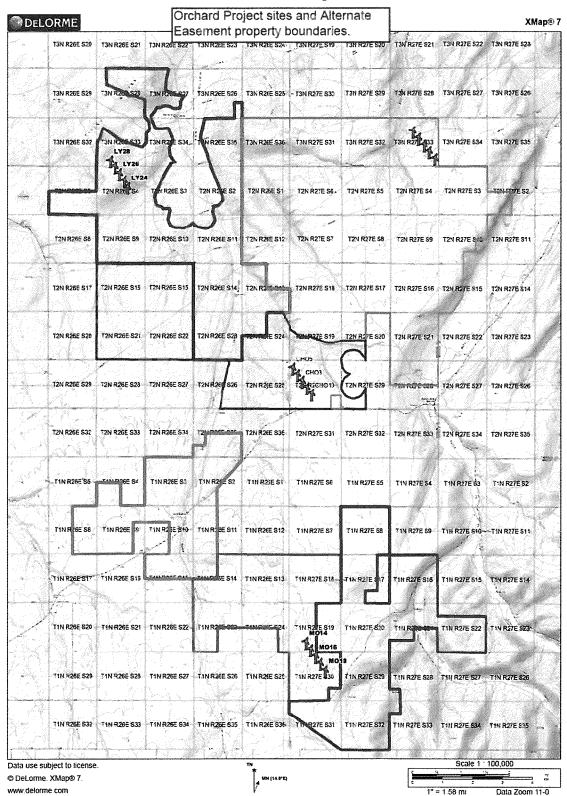
# Power factor requirements:

Rated Power Factor (PF) or reactive load (kVAR): +/- 0.95

Unit Specification Notes: Seller has elected to install five General Electric 2.0-116 wind turbines and has estimated the Average Annual Generation based on data available as of the Effective Date. Seller may change the Average Annual Generation at any time prior to the Operation Date to reflect data available as of the date of the change. In addition, Seller may request that PacifiCorp allow Seller to substitute different wind turbines. Along with such request, Seller shall promptly deliver to PacifiCorp all relevant information regarding such turbines (including the number of turbines, cut-in wind speed, Facility Capacity Rating, assumed ambient conditions at Facility Capacity Rating, power factor requirements, unit specifications shown in Exhibit A-2, Exhibit D-1, Exhibit D-2, the Average Annual Generation, Seller's estimate of average annual Net Energy as set forth in Recital D, and any other wind turbine specific information in this Agreement).

Upon the written consent of PacifiCorp to such selection (which shall not be unreasonably withheld, delayed or conditioned), this Agreement shall be deemed amended as necessary to account for such new selection including changes to the number of turbines, cut-in wind speed, Facility Capacity Rating, Average Annual Generation and expected delivery volumes, but not changes to the Scheduled Initial Delivery Date or the Scheduled Commercial Operation Date. All necessary changes shall be documented in an amendment within two weeks of such written consent. Seller acknowledges that it may require a separate consent from PacifiCorp Transmission to change its turbine specifications for the Facility.

# Exhibit A-1 Site Map



## **EXHIBIT B**

#### SELLER'S INTERCONNECTION FACILITIES

[Seller to provide its own diagram and description]

# POINT OF DELIVERY / SELLER'S INTERCONNECTION FACILITIES

#### Instructions to Seller:

- 1. Include description of point of metering, and Point of Delivery
  - a. The Point of Delivery is at 69 kV busbar at PacifiCorp's Hinkle substation. The points of metering are described in Addendum L. Meters are installed at both the Facility and the Hinkle substation to account for line losses, transformation losses, and station service as described in Addendum L.
- 2. Provide interconnection single line drawing of Facility including any transmission facilities on Seller's side of the Point of Delivery.
  - a. A one-line diagram of the Facility is attached. On sheet 1 of 4 of the attached one-line diagram there is a line to LOCAL DISTRIBUTION SERVICE. This line shall not be energized unless the transmission path from the Facility wind turbines to the Point of Delivery is not energized.

#### **EXHIBIT C**

# REQUIRED FACILITY DOCUMENTS

# REQUIRED OF ALL FACILITIES:

QF Certification

Interconnection Agreement

Fuel Supply Agreement, if applicable

# REQUIRED IF SELLER ELECTS TO GRANT SENIOR LIEN OR STEP-IN RIGHTS:

Deed or Lease to Facility Premises

Preliminary Title Report of Premises

Proof of ownership of Facility

Off-take sale agreements, e.g. surplus heat sale contract, if applicable

Depending upon the type of Facility and its specific characteristics, additional Required Facility Documents may be requested.

# OTHER REQUIRED FACILITY DOCUMENTS

Addendum A

Addendum B

Addendum L

Oregon Financing Statement, if any

**FAA Permits** 

Building Permit, if any

Conditional Use Permit, if any

Land Use Permit, if any

Memorandum of PPA, if any

Subeasement to Facility Premises in lieu of Deed or Lease or other real property rights documentation

# EXHIBIT D-1 SELLER'S MOTIVE FORCE PLAN

# A. MONTHLY DELIVERY SCHEDULES AND SCHEDULED MAINTENANCE

Month	Average Energy
	(kWh)
January	2,257,285
February	1,577,380
March	2,887,335
April	3,401,735
May	3,102,612
June	3,381,823
July	2,908,455
August	2,969,508
September	2,128,301
October	1,924,919
November	1,748,919
December	1,918,891

Seller to provide an estimate of the average monthly Net Output of the Facility, and explain the basis for the estimate.

See Exhibit D-2 Motive Force Plan.

#### **EXHIBIT D-2**

# ENGINEER'S CERTIFICATION OF MOTIVE FORCE PLAN



Resource Assessment & Micrositing



## Certification of Orchard Windfarm 3, LLC

By Jack Kline, CCM RAM Associates Brentwood, CA

March 25, 2016

#### **Project Description**

The Orchard Windfarm 3 is comprised of five GE 2.0-116 wind turbines, each having a rated power of 2.0 MW and a hub height of 80 m AGL. The sites are designated as MO14 through MO18 and are located in Sections 19 and 30 of Twp 1N, Rng 27E in Morrow County, Oregon. Other similar wind farms have been developed on neighboring parcels of land in the same area.

#### **Wind Resource**

Wind resource data has been collected at a number of anemometer towers across the project site. The data have been correlated to a long term reference MERRA node, located approximately 12 miles southeast of the project site, and long-term mean wind speeds have been estimated at the anemometer tower sites. Terrain modeling of the wind resource has been performed to determine the long-term mean wind speeds at the hub height level of each turbine site.

### **Turbine Energy Estimates**

The on-site wind data and individual turbine wind speed estimates have been used in conjunction with the power curve for the GE 2.0-116 (appropriate for the air density at the site) to calculate long-term mean gross energy for each turbine site in the project. Loss factors have been applied to produce net energy for each turbine. Losses for high-speed hysteresis stop/restart and array losses (considering all turbines that will be erected at the site) and icing losses were calculated and all other losses were assumed, based on typical values currently used in the wind industry. After applying these loss factors the combined long-term average net energy for the four turbines has been calculated. The uncertainty in project output has been evaluated and the output is certified to be 30,207,000 kWh/year at the P90 level.

1632 Cipriani Place Brentwood, CA 94513

Your Stor

Ph. 925-240-7855

#### **EXHIBIT E**

### START-UP TESTING

Required factory testing includes such checks and tests necessary to determine that the equipment systems and subsystems have been properly manufactured and installed, function properly, and are in a condition to permit safe and efficient start-up of the Facility, which may include but are not limited to (as applicable): [Seller identify appropriate tests]

- 1. Pressure tests of all steam system equipment;
- 2. Calibration of all pressure, level, flow, temperature and monitoring instruments;
- 3. Operating tests of all valves, operators, motor starters and motor;
- 4. Alarms, signals, and fail-safe or system shutdown control tests;
- 5. Insulation resistance and point-to-point continuity tests;
- 6. Bench tests of all protective devices;
- 7. Tests required by manufacturer of equipment; and
- 8. Complete pre-parallel checks with PacifiCorp.

Required start-up tests are those checks and tests necessary to determine that all features and equipment, systems, and subsystems have been properly designed, manufactured, installed and adjusted, function properly, and are capable of operating simultaneously in such condition that the Facility is capable of continuous delivery into PacifiCorp's electrical system, which may include but are not limited to (as applicable):

- 1. Turbine/generator mechanical runs including shaft, vibration, and bearing temperature measurements;
- 2. Running tests to establish tolerances and inspections for final adjustment of bearings, shaft run-outs;
- 3. Brake tests;
- 4. Energization of transformers:
- 5. Synchronizing tests (manual and auto);
- 6. Stator windings dielectric test;
- 7. Armature and field windings resistance tests;
- 8. Load rejection tests in incremental stages from 5, 25, 50, 75 and 100 percent load;
- 9. Heat runs;
- 10. Tests required by manufacturer of equipment;
- 11. Excitation and voltage regulation operation tests;
- 12. Open circuit and short circuit; saturation tests;
- 13. Governor system steady state stability test;
- 14. Phase angle and magnitude of all PT and CT secondary voltages and currents to protective relays, indicating instruments and metering;
- 15. Auto stop/start sequence;
- 16. Level control system tests; and
- 17. Completion of all state and federal environmental testing requirements.

#### **EXHIBIT F**

## Oregon Windfarms, LLC

3145 Geary Blvd., #723 San Francisco, CA 94118

### **Customer Authorization to Release Generation Data**

February 17, 2016

PacifiCorp Transmission Attention: Director, Transmission Services 825 NE Multnomah, Suite 1600 Portland, Oregon 97232

RE: Voluntary Consent Form

Dear PacifiCorp Transmission:

Oregon Windfarms, LLC, on behalf of four to-be-formed or acquired entities as interconnection customers, hereby voluntarily authorizes PacifiCorp Transmission to share generator interconnection information and generator meter data with Marketing Affiliate employees of PacifiCorp Energy Supply Management, including, but not limited to those in the PacifiCorp's Market Affiliate group, with respect to the interconnection applications Q0650 through Q0653.

**Oregon Windfarms, LLC** acknowledges that PacifiCorp did not provide it any preferences, either operational or rate-related, in exchange for this voluntary consent.

Name: Maurice Miller, Manager

Date: February 17, 2016

8030 Companies applied for four 10 MW PPAs on behalf of four to-be-formed or acquired entities on September 18, 2015 with PacifiCorp Energy Supply Management. The entities executing the PPAs will become the interconnection customers under applications Q0650 through Q0653. 8030 Companies agrees to this Voluntary Consent.

Name: John Brown, Manager

Date: February 17, 2016

EXHIBIT G
SCHEDULE 37 AND PRICING SUMMARY TABLE
Shown in \$ per megawatt-hour

Year	On-Peak	Off-Peak
2019	32.60	24.50
2020	35.30	26.40
2021	38.10	28.80
2022	41.00	31.40
2023	44.10	33.80
2024	86.70	67.30
2025	88.30	69.20
2026	89.30	71.80
2027	90.90	73.70
2028	92.40	75.70
2029	94.00	77.60
2030	95.50	79.60
2031	96.70	82.20
2032	99.00	83.70
2033	100.10	86.70
2034	101.30	89.70
From the day in year 2033 or 2034 that is 15 years after the Scheduled Initial Delivery Date until the Termination Date	Price prescribed by Section Agreement	n 5.3 of this

Note

Scheduled Initial Delivery Date is October 1, 2019 Scheduled Commercial Operation Date is October 1, 2020

Schedule 37 prices effective June 25, 2015

# AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

Page 1

#### **Available**

To owners of Qualifying Facilities making sales of electricity to the Company in the State of Oregon.

## **Applicable**

For power purchased from Qualifying Facilities with a nameplate capacity of 10,000 kW or less or that, together with any other electric generating facility using the same motive force, owned or controlled by the same person(s) or affiliated person(s), and located at the same site, has a nameplate capacity of 10,000 kW or less. Owners of these Qualifying Facilities will be required to enter into a written power sales contract with the Company.

#### **Definitions**

#### **Cogeneration Facility**

A facility which produces electric energy together with steam or other form of useful energy (such as heat) which are used for industrial, commercial, heating or cooling purposes through the sequential use of energy.

### **Qualifying Facilities**

Qualifying cogeneration facilities or qualifying small power production facilities within the meaning of section 201 and 210 of the Public Utility Regulatory Policies Act of 1978 (PURPA), 16 U.S.C. 796 and 824a-3.

#### **Qualifying Electricity**

Electricity that meets the requirements of "qualifying electricity" set forth in the Oregon Renewable Portfolio Standards: ORS 469A.010, 469A.020, and 469A.025.

### Renewable Qualifying Facility

A Qualifying Facility that generates Qualifying Electricity.

#### Wind Qualifying Facility

A Renewable Qualifying Facility that generates Qualifying Electricity using wind as its motive force.

#### **Baseload Renewable Qualifying Facility**

A Renewable Qualifying Facility that generates Qualifying Electricity using any qualifying resource other than wind or solar.

#### **Small Power Production Facility**

A facility which produces electric energy using as a primary energy source biomass, waste, renewable resources or any combination thereof and has a power production capacity which, together with other facilities located at the same site, is not greater than 80 megawatts.

#### **On-Peak Hours or Peak Hours**

On-Peak hours are defined as 6:00 a.m. to 10:00 p.m. Pacific Prevailing Time Monday through Saturday, excluding NERC holidays.

Due to the expansions of Daylight Saving Time (DST) as adopted under Section 110 of the U.S. Energy Policy Act of 2005, the time periods shown above will begin and end one hour later for the period between the second Sunday in March and the first Sunday in April and for the period between the last Sunday in October and the first Sunday in November.

# AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

Page 2

#### **Definitions (continued)**

### **Off-Peak Hours**

All hours other than On-Peak.

#### **Excess Output**

Excess Output shall mean any increment of Net Output delivered at a rate, on an hourly basis, exceeding the Facility Nameplate Capacity. PacifiCorp shall pay Seller the Off-Peak Price as described and calculated under pricing option 4 (Non-Firm Market Index Avoided Cost Price) for all Excess Output.

#### Same Site

Generating facilities are considered to be located at the same site as the QF for which qualification for the standard rates and standard contract is sought if they are located within a five-mile radius of any generating facilities or equipment providing fuel or motive force associated with the QF for which qualification for the standard rates and standard contract is sought.

#### Person(s) or Affiliated Person(s)

A natural person or persons or any legal entity or entities sharing common ownership, management or acting jointly or in concert with or exercising influence over the policies or actions of another person or entity. Two facilities will not be held to be owned or controlled by the same person(s) or affiliated person(s) solely because they are developed by a single entity. Two facilities will not be held to be owned or controlled by the same person(s) or affiliated person(s) if such common person or persons is a "passive investor" whose ownership interest in the QF is primarily related to utilizing production tax credits, green tag values and MACRS depreciation as the primary ownership benefit and the facilities at issue are independent family-owned or community-based projects. A unit of Oregon local government may also be a "passive investor" in a community-based project if the local governmental unit demonstrates that it will not have an equity ownership interest in or exercise any control over the management of the QF and that its only interest is a share of the cash flow from the QF, which share will not exceed 20%. The 20% cash flow share limit may only be exceeded for good cause shown and only with the prior approval of the Commission.

#### **Shared Interconnection and Infrastructure**

QFs otherwise meeting the separate ownership test and thereby qualified for entitlement to the standard rates and standard contract will not be disqualified by utilizing an interconnection or other infrastructure not providing motive force or fuel that is shared with other QFs qualifying for the standard rates and standard contract so long as the use of the shared interconnection complies with the interconnecting utility's safety and reliability standards, interconnection contract requirements and Prudent Electrical Practices as that term is defined in the interconnecting utility's approved standard contract.

#### **Dispute Resolution**

Upon request, the QF will provide the purchasing utility with documentation verifying the ownership, management and financial structure of the QF in reasonably sufficient detail to allow the utility to make an initial determination of whether or not the QF meets the above-described criteria for entitlement to the standard rates and standard contract.

# AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

Page 3

#### **Dispute Resolution (continued)**

Any dispute concerning a QF's entitlement to the standard rates and standard contract shall be presented to the Commission for resolution.

### **Self Supply Option**

Owner shall elect to sell all Net Output to PacifiCorp and purchase its full electric requirements from PacifiCorp or sell Net Output surplus to its needs at the Facility site to PacifiCorp and purchase partial electric requirements service from PacifiCorp, in accordance with the terms and conditions of the power purchase agreement and the appropriate retail service.

### **Pricing Options**

#### 1. Standard Fixed Avoided Cost Prices

Prices are fixed at the time that the contract is signed by both the Qualifying Facility and the Company and will not change during the term of the contract. Standard Fixed Avoided Cost Prices are available for a contract term of up to 15 years and prices under a longer term contract (up to 20 years) will thereafter be under the Firm Market Indexed Avoided Cost Price, The Standard Fixed Avoided Cost pricing option is available to all Qualifying Facilities. The Standard Fixed Avoided Cost Price for Wind Qualifying Facilities will reflect integration costs as set forth on page 5.

#### 2. Renewable Fixed Avoided Cost Prices

Prices are fixed at the time that the contract is signed by both the Renewable Qualifying Facility and the Company and will not change during the term of the contract. Renewable Fixed Avoided Cost Prices are available for a contract term of up to 15 years and prices under a longer term contract (up to 20 years) will thereafter be under the Firm Market Indexed Avoided Cost Price. The Renewable Fixed Avoided Cost pricing option is available only to Renewable Qualifying Facilities. A Renewable Qualifying Facility choosing the Renewable Fixed Avoided Cost pricing option must cede all Green Tags generated by the facility, as defined in the standard contract, to the Company during the Renewable Resource Deficiency Period identified on page 6, except that a Renewable Qualifying Facility retains ownership of all Environmental Attributes generated by the facility, as defined in the standard contract, during the Renewable Resource Sufficiency Period identified on page 6 and during any period after the first 15 years of a longer term contract (up to 20 years).

#### 3. Firm Market Indexed Avoided Cost Prices

Firm Market Index Avoided Cost Prices are available to Qualifying Facilities that contract to deliver firm power. Monthly on-peak / off-peak prices paid are a blending of Intercontinental Exchange (ICE) Day Ahead Power Price Report at market hubs for on-peak and off-peak prices. The monthly blending matrix is available upon request.

#### 4. Non-Firm Market Index Avoided Cost Prices

Non-Firm Market Index Avoided Cost Prices are available to Qualifying Facilities that do not elect to provide firm power. Qualifying Facilities taking this option will have contracts that do not include minimum delivery requirements, default damages for construction delay or, for under delivery or early termination, or default security for these purposes. Monthly On-Peak / Off-Peak prices paid are 93 percent of a blending of ICE Day Ahead Power Price Report at market hubs for on-peak and off-peak firm index prices. The monthly blending matrix is available upon request. The Non-Firm Market Index Avoided Cost pricing option is available to all Qualifying Facilities. The Non-Firm Market Index Avoided Cost Price for Wind Qualifying Facilities will reflect integration costs.



# AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

Page 4

#### **Monthly Payments**

A Qualifying Facility shall select the option of payment at the time of signing the contract under one of the Pricing Options specified above. Once an option is selected the option will remain in effect for the duration of the Facility's contract.

#### **Renewable or Standard Fixed Avoided Cost Prices**

In accordance with the terms of a contract with a Qualifying Facility, the Company shall pay for all separately metered kilowatt-hours of On-Peak and Off-Peak generation at the renewable or standard fixed prices as provided in this schedule. On-Peak and Off-Peak are defined in the definitions section of this schedule.

#### Firm Market Indexed and Non-Firm Market Index Avoided Cost Prices

In accordance with the terms of a contract with a Qualifying Facility, the Company shall pay for all separately metered kilowatt-hours of On-Peak and Off-Peak generation at the market prices calculated at the time of delivery. On-Peak and Off-Peak are defined in the definitions section of this schedule.

# AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

Page 5

### **Avoided Cost Prices**

## **Standard Fixed Avoided Cost Prices**

Fixed Prices ¢/kWh

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Deliveries		Base Load QF (1)		Wind QF (2)		-		r QF
During	On-Peak	Off-Peak		On-Peak	Off-Peak		On-Peak	Off-Peak
Calendar	Energy	Energy		Energy	Energy		Energy	Energy
Year	Price	Price	]	Price	Price		Price	Price
	(a)	(b)		(c)	(d)		(e)	(f)
2015	2.77	2.19		2.51	1.93		2.77	2.19
2016	2.87	2.20		2.60	1.93		2.87	2.20
2017	3.13	2.43		2.86	2.16		3.13	2.43
2018	3.38	2.54		3.10	2.26		3.38	2.54
2019	3.55	2.73		3.26	2.45		3.55	2.73
2020	3.82	2.93		3.53	2.64		3.82	2.93
2021	4.11	3.18		3.81	2.88		4.11	3.18
2022	4.41	3.44		4.10	3.14		4.41	3.44
2023	4.72	3.69		4.41	3.38		4.72	3.69
2024	6.16	3.06		2.87	2.74		3.48	3.06
2025	6.35	3.18		2.99	2.86		3.61	3.18
2026	6.41	3.18		2.98	2.84		3.62	3.18
2027	6.61	3.31		3.11	2.97		3.76	3.31
2028	6.98	3.61		3.40	3.26		4.07	3.61
2029	7.15	3.71		3.50	3.36		4.18	3.71
2030	7.30	3.79		3.58	3.43		4.27	3.79
2031	7.62	4.03		3.82	3.67		4.52	4.03
2032	7.80	4.14		3.92	3.76		4.64	4.14
2033	7.93	4.20		3.97	3.81		4.71	4.20
2034	8.15	4.34		4.11	3.95		4.86	4.34
2035	8.40	4.51		4.27	4.11		5.04	4.51
2036	8.59	4.62		4.38	4.21		5.16	4.62
2037	8.82	4.76		4.52	4.35		5.31	4.76
2038	9.05	4.91		4.65	4.48		5.47	4.91
2039	9.25	5.02		4.76	4.58		5.59	5.02
2040	9.51	5.19		4.93	4.74		5.78	5.19
2041	9.71	5.30		5.03	4.85		5.90	5.30

<sup>(1)</sup> Capacity Contribution to Peak for Avoided Proxy Resource and Base Load Qualifying Facility resource are assumed 100%.

<sup>(2)</sup> The standard avoided cost price for wind is reduced by an integration charge of \$2.55/MWh (\$2012). If Wind Qualifying Facility is not in PacifiCorp's balancing authority area, then no reduction is required.



# AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

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#### **Avoided Cost Prices (Continued)**

#### Renewable Fixed Avoided Cost Prices

Fixed	Prices	¢/kWh
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Deliveries	Renewable Base Load QF (2)		Wind QF (3,4)			Solar	QF (5)	
During	On-Peak	Off-Peak		On-Peak	Off-Peak		On-Peak	Off-Peak
Calendar	Energy	Energy		Energy	Energy		Energy	Energy
Year (1)	Price	Price		Price	Price		Price	Price
	(a)	(b)		(c)	(d)		(e)	(f)
2015	2.77	2.19		2.51	1.93		2.77	2.19
2016	2.87	2.20		2.60	1.93		2.87	2.20
2017	3.13	2.43		2.86	2.16		3.13	2.43
2018	3.38	2.54		3.10	2.26		3.38	2.54
2019	3.55	2.73		3.26	2.45		3.55	2.73
2020	3.82	2.93		3.53	2.64		3.82	2.93
2021	4.11	3.18		3.81	2.88		4.11	3.18
2022	4.41	3.44		4.10	3.14		4.41	3.44
2023	4.72	3.69		4.41	3.38		4.72	3.69
2024	11.96	7.05		8.67	6.73		9.28	7.05
2025	12.19	7.24		8.83	6.92		9.46	7.24
2026	12.36	7.51		8.93	7.18		9.56	7.51
2027	12.59	7.71		9.09	7.37		9.73	7.71
2028	12.82	7.91		9.24	7.57		9.91	7.91
2029	13.05	8.11		9.40	7.76		10.07	8.11
2030	13.27	8.32		9.55	7.96		10.24	8.32
2031	13.47	8.59		9.67	8.22		10.37	8.59
2032	13.78	8.75		9.90	8.37		10.62	8.75
2033	13.97	9.05		10.01	8.67		10.74	9.05
2034	14.17	9.36		10.13	8.97	l	10.88	9.36
2035	14.47	9.55		10.34	9.15		11.11	9.55
2036	14.85	9.65		10.63	9.25		11.42	9.65
2037	15.06	9.98		10.76	9.57	l	11.56	9.98
2038	15.58	9.94		11.19	9.51	İ	12.00	9.94
2039	16.04	10.01		11.55	9.58	l	12.38	10.01
2040	16.38	10.22		11.80	9.77		12.65	10.22
2041	16.66	10.51		11.98	10.05		12.85	10.51

<sup>(1)</sup> For the purpose of determining: (i) when the Renewable Qualifying Facility is entitled to renewable avoided cost prices; and (ii) the ownership of Environmental Attributes and the transfer of Green Tags to PacifiCorp, the Renewable Resource Sufficiency Period ends December 31, 2023, and the Renewable Resource Deficiency Period begins January 1, 2024.

<sup>(2)</sup> The renewable avoided cost price during the Renewable Resource Deficiency Period (2024-2040) has been increased by an integration charge of \$2.55/MWh (\$2012).

<sup>(3)</sup> During the Renewable Resource Deficiency Period, the renewable avoided cost price for a Wind Qualifying Facility will be adjusted by adding the difference between the avoided integration costs and the Qualifying Facility's integration costs. If the Wind Qualifying Facility is in PacifiCorp's balancing authority area (BAA), the adjustment is zero (integration costs cancel each other out). If the Wind Qualifying Facility is not in PacifiCorp's BAA, \$2.55/MWh (\$2012) will be added for avoided integration charges.

<sup>(4)</sup> During Renewable Resource Sufficiency Period, the renewable avoided cost price for a Wind Qualifying Facility has been reduced by an integration charge of \$2.55/MWh (\$2012) for Wind Qualifying Facilities located in PacifiCorp's BAA (in-system). If a Wind Qualifying Facility is not in PacifiCorp's BAA, \$2.55/MWh (\$2012) will be added for avoided integration charges.

<sup>(5)</sup> The renewable avoided cost payment during the Renewable Resource Deficiency Period (2024-2040) has been increased by an integration charge of \$2.55/MWh (\$2012).



# AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

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### **Qualifying Facilities Contracting Procedure**

Interconnection and power purchase agreements are handled by different functions within the Company. Interconnection agreements (both transmission and distribution level voltages) are handled by the Company's transmission function (PacifiCorp Transmission Services) while power purchase agreements are handled by the Company's merchant function (PacifiCorp Commercial and Trading).

It is recommended that the owner initiate its request for interconnection 18 months ahead of the anticipated in-service date to allow time for studies, negotiation of agreements, engineering, procurement, and construction of the required interconnection facilities. Early application for interconnection will help ensure that necessary interconnection arrangements proceed in a timely manner on a parallel track with negotiation of the power purchase agreement.

#### 1. Qualifying Facilities up to 10,000 kW

**APPLICATION:** To owners of existing or proposed QFs with a design capacity less than or equal to 10,000 kW who desire to make sales to the Company in the state of Oregon. Such owners will be required to enter into a written power purchase agreement with the Company pursuant to the procedures set forth below.

#### I. Process for Completing a Power Purchase Agreement

#### A. Communications

Unless otherwise directed by the Company, all communications to the Company regarding QF power purchase agreements should be directed in writing as follows:

PacifiCorp Manager-QF Contracts 825 NE Multnomah St, Suite 600 Portland, Oregon 97232

The Company will respond to all such communications in a timely manner. If the Company is unable to respond on the basis of incomplete or missing information from the QF owner, the Company shall indicate what additional information is required. Thereafter, the Company will respond in a timely manner following receipt of all required information.



# AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

Page 8

#### B. Procedures

- 1. The Company's approved generic or standard form power purchase agreements may be obtained from the Company's website at <a href="www.pacificorp.com">www.pacificorp.com</a>, or if the owner is unable to obtain it from the website, the Company will send a copy within seven days of a written request.
- 2. In order to obtain a project specific draft power purchase agreement the owner must provide in writing to the Company, general project information required for the completion of a power purchase agreement, including, but not limited to:
  - (a) demonstration of ability to obtain QF status;
  - (b) design capacity (MW), station service requirements, and net amount of power to be delivered to the Company's electric system;
  - (c) generation technology and other related technology applicable to the site:
  - (d) proposed site location;
  - (e) schedule of monthly power deliveries;
  - (f) calculation or determination of minimum and maximum annual deliveries;
  - (g) motive force or fuel plan;
  - (h) proposed on-line date and other significant dates required to complete the milestones:
  - proposed contract term and pricing provisions as defined in this Schedule (i.e., standard fixed price, renewable fixed price);
  - (j) status of interconnection or transmission arrangements;
  - (k) point of delivery or interconnection;
- 3. The Company shall provide a draft power purchase agreement when all information described in Paragraph 2 above has been received in writing from the QF owner. Within 15 business days following receipt of all information required in Paragraph 2, the Company will provide the owner with a draft power purchase agreement including current standard avoided cost prices and/or other optional pricing mechanisms as approved by the Public Utility Commission of Oregon in this Schedule 37.
- 4. If the owner desires to proceed with the power purchase agreement after reviewing the Company's draft power purchase agreement, it may request in writing that the Company prepare a final draft power purchase agreement. In connection with such request, the owner must provide the Company with any additional or clarified project information that the Company reasonably determines to be necessary for the preparation of a final draft power purchase agreement. Within 15 business days following receipt of all information requested by the Company in this paragraph 4, the Company will provide the owner with a final draft power purchase agreement.



# AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

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#### B. Procedures (continued)

- After reviewing the final draft power purchase agreement, the owner may either prepare another set of written comments and proposals or approve the final draft power purchase agreement. If the owner prepares written comments and proposals the Company will respond in 15 business days to those comments and proposals.
- 6. When both parties are in full agreement as to all terms and conditions of the draft power purchase agreement, the Company will prepare and forward to the owner within 15 business days, a final executable version of the agreement. Following the Company's execution a completely executed copy will be returned to the owner. Prices and other terms and conditions in the power purchase agreement will not be final and binding until the power purchase agreement has been executed by both parties.

### II. Process for Negotiating Interconnection Agreements

[NOTE: Section II applies only to QFs connecting directly to PacifiCorp's electrical system. An off-system QF should contact its local utility or transmission provider to determine the interconnection requirements and wheeling arrangement necessary to move the power to PacifiCorp's system.]

In addition to negotiating a power purchase agreement, QFs intending to make sales to the Company are also required to enter into an interconnection agreement that governs the physical interconnection of the project to the Company's transmission or distribution system. The Company's obligation to make purchases from a QF is conditioned upon the QF completing all necessary interconnection arrangements. It is recommended that the owner initiate its request for interconnection 18 months ahead of the anticipated inservice date to help ensure that necessary interconnection arrangements proceed in a timely manner on a parallel track with negotiation of the power purchase agreement.

Because of functional separation requirements mandated by the Federal Energy Regulatory Commission, interconnection and power purchase agreements are handled by different functions within the Company. Interconnection agreements (both transmission and distribution level voltages) are handled by the Company's transmission function (including but not limited to PacifiCorp Transmission Services) while power purchase agreements are handled by the Company's merchant function (including but not limited to PacifiCorp's Commercial and Trading Group).



# AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

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# II. Process for Negotiating Interconnection Agreements (continued) A. Communications

Initial communications regarding interconnection agreements should be directed to the Company in writing as follows:

PacifiCorp Director – Transmission Services 825 NE Multnomah St, Suite 1600 Portland, Oregon 97232

Based on the project size and other characteristics, the Company will direct the QF owner to the appropriate individual within the Company's transmission function who will be responsible for negotiating the interconnection agreement with the QF owner. Thereafter, the QF owner should direct all communications regarding interconnection agreements to the designated individual, with a copy of any written communications to the address set forth above.

#### B. Procedures

Generally, the interconnection process involves (1) initiating a request for interconnection, (2) undertaking studies to determine the system impacts associated with the interconnection and the design, cost, and schedules for constructing any necessary interconnection facilities, and (3) executing an interconnection agreement to address facility construction, testing, acceptance, ownership, operation and maintenance issues. Consistent with PURPA and Oregon Public Utility Commission regulations, the owner is responsible for all interconnection costs assessed by the Company on a nondiscriminatory basis. For interconnections impacting the Company's Transmission and Distribution System, the Company will process the interconnection application through PacifiCorp Transmission Services.

# **EXHIBIT H**

# GREEN TAG ATTESTATION AND BILL OF SALE

associated with Energy) betwee the amount of Green Tag At	on and endelivers to Pacifith the generation een Seller and Fone Green Tag	ding on, fiCorp the Green T n of Net Output un PacifiCorp dated [_ g for each megawat ill of Sale (as indic	Tags (including the Power of th	"Section 5.5, from the period ("Seller") hereby sells, ag all Green Tag Reporting Rights) or Purchase Agreement (Renewable the "PPA"), as described below, in sted. Defined terms used in this capitalization) shall have the
Facility name	and location:			Fuel Type:
Capacity (MV	V):	Operation	onal Date:	
Energy Admir	n. ID no.:			
	Dates	M	Wh generated	1
Seller further	attests, warrants	s and represents, u	nder penalty	of perjury, as follows:
i)	to the best of i	ts knowledge, the	information p	provided herein is true and correct;
ii)	its sale to Paci	fiCorp is its one ar	nd only sale o	of the Green Tags referenced herein;
iii)	the Facility ge	nerated Output in	the amount in	ndicated above; and
iv)		Seller's knowledge tput have been gen	•	Green Tags associated with the old by the Facility.
	sfer from Seller		of Seller's righ	onfirms, in accordance with the nt, title and interest in and to the orth above.
Seller's Conta	ct Person: [			1

WITN	ESS MY HA	AND,	
a			
Ву			
Its			
Date			

This Attestation may be disclosed by Seller and PacifiCorp to others, including the Center for Resource Solutions and the public utility commissions having jurisdiction over PacifiCorp, to substantiate and verify the accuracy of PacifiCorp's advertising and public communication claims, as well as in PacifiCorp's advertising and other public communications.

### ADDENDUM A

# Clarification of Certain Terms in the Power Purchase Agreement

Whereas, during the course of preparing this Power Purchase Agreement ("PPA"), the Parties discussed (1) the requirement for the Project to be designated a Network Resource by PacifiCorp, and (2) the need for line losses to be apportioned to multiple wind projects sharing the common gen-tie transmission line to the point of interconnection.

Whereas, Seller has elected step-in rights under Section 10.4 of the PPA as the form of security for its performance under the PPA.

Whereas, in order to minimize the likelihood of future dispute, the Parties wish to memorialize their intent and agreement with regard to the above issues.

NOW, THEREFORE, the Parties do hereby declare and agree as follows:

- 1. Capitalized Terms. Except as otherwise defined herein, all capitalized terms in this Addendum A shall have the meaning set forth in this PPA.
- 2. Network Resource Designation and Transmission Services. The Parties agree that Network Resource designation and transmission service obligations associated with such designation that are not described in the PPA are described in Addendum B to this PPA.
- 3. Changes in Security. Seller may, during the term of this PPA, substitute one form of credit security for another form of credit security allowed in Section 10 of the PPA, subject to PacifiCorp's consent, which shall not be unreasonably conditioned, delayed or withheld; *provided*, *that* PacifiCorp may review and approve (or disapprove) Seller's proposed substitution based on the criteria no more restrictive than PacifiCorp would have applied at the time of execution of this PPA.
- 4. **Retail Electric Service.** Recital E of the PPA does not provide the option for retail electric service by another utility to reflect the utility franchise rules in Oregon. Seller and PacifiCorp agree that under current Oregon rules, retail electric service shall be provided to Seller by Umatilla Electric Co-op and or Columbia Basin Electric Co-op. Addendum L further describes retail electric service.
- 4. Operation Prior to implementing Addendum L. Line loss and station service allocations are described in Addendum L to this PPA. Seller shall not generate and deliver energy to PacifiCorp prior to the execution of an agreement in the form of Addendum L by all parties (with such modifications reasonably acceptable to Seller and PacifiCorp). PacifiCorp's duty to pay Seller under this PPA is conditioned upon Seller's compliance with this Section.
- 5. Intent. Notwithstanding Section 22.1, or any other provision in the Power Purchase Agreement between Michael Manham 3 and PacifiCorp (PPA), this Addendum A

# ADDENDUM A--Ctd

is an integral part of Seller's and PacifiCorp's PPA, executed contemporaneously therewith.

IN WITNESS WHEREOF, the Parties hereto acknowledge this Addendum A to be part of the Power Purchase Agreement between PacifiCorp and Seller.

Orchard Windform &

**PacifiCorp** 

By: Name: Bruce Griswold

Title: Director, Short-Term Origination

and QF Contracts

By/

Name: John Brown Title: Manager

2

# ADDENDUM B Transmission Services

PacifiCorp and Seller are parties to that certain Power Purchase Agreement executed the date last written below (the "PPA"). This Addendum B to the PPA is entered into by and between PacifiCorp and Seller and is intended to be interpreted and applied to the PPA.

Whereas, the Parties for their respective business purposes have an interest in exporting excess generation from the Facility if Seller generation exceeds load in the load area in the vicinity of the Point of Delivery specified in the PPA ("Excess Generation");

Whereas, PacifiCorp may determine it needs to contract with a third-party transmission provider per that party's Open Access Transmission Tariff ("OATT") to purchase firm point-to-point ("PTP") transmission to export Excess Generation out of the load area from the Facility to other PacifiCorp network loads.

NOW, THEREFORE, for independent consideration, the receipt and sufficiency of which is acknowledged by both Parties, the Parties do hereby declare and agree as follows:

Within 7 calendar days of the execution of the PPA, PacifiCorp will submit its request to PacifiCorp Transmission to designate the Facility as a Network Resource under PacifiCorp's Open Access Transmission Tariff.

Within 14 calendar days of PacifiCorp receiving PacifiCorp Transmission's report from the investigation into the designation of the Facility as a Network Resource, PacifiCorp shall notify Seller of the status of Network Resource designation by PacifiCorp Transmission and any conditions that PacifiCorp must meet for Network Resource designation. Upon request by Seller, PacifiCorp will provide a copy of the report prepared by PacifiCorp Transmission.

PacifiCorp agrees to require PacifiCorp Transmission to perform the study in accordance with its OATT and applicable law and regulations. Seller agrees to pay all PacifiCorp's costs, if any, required to purchase firm PTP transmission to export Excess Generation out of the load area from the Facility to other PacifiCorp network loads, as required to meet any conditions that PacifiCorp Transmission identified in the report and as required for Network Resource designation of the Facility. The Parties agree to modify the PPA to the extent necessary to incorporate such costs.

Seller shall be entitled to terminate the PPA subject to the terms and conditions of the PPA if the cost of meeting such conditions is unacceptable to Seller.

# ADDENDUM B--Ctd

This Addendum B to the PPA is made effective this	30 day of June, 2014
PacifiCorp	Seller
Ву:	Ву:
Name: Bruce Griswold	Name: John Brown
Title: Director, Short-Term Origination and QF Contracts	Title: Manager
Date: 14/10 27, 100	Date: 6/30/10

## ADDENDUM L

# STATION LOAD, LOSSES, and NET OUTPUT ALLOCATION ALGORITHM for the Morrow Projects

This Addendum L is hereby made a part of, and clarifies certain terms in, the thirteen Oregon Standard Firm Qualifying Facility Power Purchase Agreements for Intermittent Resources 10 MW or Less (the "PPAs") entered into between each of the Morrow Projects and PacifiCorp (d/b/a Pacific Power & Light Company), an Oregon corporation, acting in its regulated utility capacity ("PacifiCorp").

Nine Oregon limited liability companies (Sand Ranch Windfarm, LLC; Oregon Trail Windfarm, LLC; Ward Butte Windfarm, LLC; Pacific Canyon Windfarm, LLC; Four Mile Canyon Windfarm, LLC; Four Corners Windfarm, LLC; Big Top, LLC; Butter Creek Power, LLC; and Wagon Trail, LLC) (collectively "Echo Projects"), each own wind powered electric generation facilities which together comprise a complex of nine separate, Oregon standard wind Qualifying Facilities, that share collector wires, and the Echo Projects 34.5/69 kV substation ("Echo Collection Facilities").

Four Oregon limited liability companies (Orchard Windfarm 1, LLC; Orchard Windfarm 2, LLC; Orchard Windfarm 3, LLC; and Orchard Windfarm 4, LLC) (collectively "Orchard Projects"), each own wind powered electric generation facilities which together comprise a complex of four separate, Oregon standard wind Qualifying Facilities, that share collector wires, and the Orchard Projects 34.5/69 kV substation ("Orchard Collection Facilities").

Together the Echo Projects and the Orchard Projects comprise the "Morrow Projects", which share a 69 kV line, and related equipment ("Shared Interconnection Facilities"), which connect the Echo Projects substation and the Orchard Projects substation to the Point of Delivery. Each of the Morrow Projects and PacifiCorp are referred to herein individually as a "Party" or collectively as the "Parties".

The Echo Projects entered into PPAs with PacifiCorp between December 19, 2008 and June 19, 2009. This Addendum L supersedes and replaces each Addendum L to such Echo Projects' PPAs. The Orchard Projects are entering or have entered into PPAs with PacifiCorp on 1010 0, 2016. This Addendum L is hereby made a part each of the Orchard Projects' PPA. The Orchard Projects intend to develop new Qualifying Facilities that will own and use a share of the Shared Interconnection Facilities. For purposes of this Addendum L, "the Agreement" means the single PPA to which this Addendum L is attached. Capitalized terms not defined in this Addendum L shall have the meaning set forth in the Agreement.

PacifiCorp has agreed to buy (and Seller has agreed to sell), at the Point of Delivery, Seller's total energy output net of: (1) Seller's station service and collection system losses; (2) energy provided by Seller to other Morrow Project(s) to supply their station service load and collection system losses; (3) Seller's share of the transformation losses (items (1-3) together are Seller's "Station Auxiliary Load and Losses"); and (4) Seller's share of the losses on the Shared Interconnection Facilities. However, Seller and PacifiCorp agree that it is impossible to directly measure Seller's Station Auxiliary Load and Losses separate and apart from the Station Auxiliary Load and Losses of the other Morrow Projects. Therefore, in order to implement an objective, practicable, and equitable process by which PacifiCorp may quantify energy delivered by Seller to the Point of Delivery (net of its Station Auxiliary Load and Losses and its share of losses on the Shared Interconnection Facilities), and quantify the energy supplied to Seller at the Point of Delivery, the Parties do agree as follows:

## A. Utility Roles and Obligations

The "Utility Supplier(s)" shall be the utility with the right (franchise) to provide retail electric service at the Facility (at the time this Addendum L becomes effective the Utility Supplier(s) are Umatilla Electric Co-op and or Columbia Basin Electric Co-op).

PacifiCorp shall own and maintain the metering at the Echo and Butter Creek substations and at the Point of Delivery and each month during the term of the Agreement, shall perform allocation calculations and electronically provide the results in table form to the Morrow Projects. The results of such calculations shall be used by PacifiCorp (in conjunction with the metered output of each individual Project) to determine Seller's Net Output in kWh and to enable the Utility Supplier(s) to render invoices for the energy supplied to the Morrow Projects to supply Station Auxiliary Load and Losses and line losses.

PacifiCorp shall have no obligation to serve any of the Morrow Projects' retail electric needs absent a separate written agreement with PacifiCorp and then only with the permission of Seller's Utility Supplier(s). Except as provided in this Addendum L, none of the costs associated with provision of retail electric service to Seller shall be borne by PacifiCorp.

Such calculations shall be based on the definitions and formulae below, with the raw data gathered from specified meters set to use a metering integration interval of 5, 10,15, or 60 minutes at PacifiCorp's election, to match the metering equipment installation PacifiCorp specified for the Morrow Projects, and be performed for each 60 minute period in the month ("Allocation Interval"). The Parties acknowledge that with the bi-directional metering at the Echo substation, at the Butter Creek substation, and at the Point of Delivery, it is possible for the Morrow Projects to sell Net Output and purchase retail energy during the same Allocation Interval.

### B. Billing Formulae

### 1. **Definitions**

PALL<sub>T</sub> = the accumulated energy purchased from Utility Supplier(s), during an Allocation Interval, as determined at the Point of Delivery, to supply the net total Station Auxiliary Load and Losses plus the losses on the Shared Interconnection Facilities for Morrow Projects i = 1 to 13 whenever such total load and losses exceeds total generation output during such Allocation Interval.

OP<sub>i</sub> = the metered output energy of Morrow Project i, during an Allocation Interval, as determined by PacifiCorp's meter at the point where Morrow Project i connects to the Echo Collection Facilities or the Orchard Collection Facilities. For an Allocation Interval during which energy is supplied to a Project, such supplied energy is accumulated in a separate meter register and does not decrement the register used to measure accumulated OP<sub>i</sub>. Therefore OP<sub>i</sub> is by definition always greater than or equal to zero, and in the event the meter records OP<sub>i</sub> less than zero, OP<sub>i</sub> shall be deemed to equal zero.

 $OP_{Echo}$  = the sum of  $OP_i$  for all Echo Projects.

 $OP_{Butter}$  = the sum of  $OP_i$  for all Orchard Projects.

NO<sub>T</sub> = the total Net Output energy delivered to the Point of Delivery (69 kV Busbar of PacifiCorp's Hinkle substation) during an Allocation Interval. NO<sub>T</sub> shall be as measured at PacifiCorp's meter near the Point of Delivery (kWh), adjusted for any transformation losses between the location of the metering measurement devices and the Point of Delivery. For any Allocation Interval during which Utility Suppliers supply energy to the Morrow Projects at the Point of Delivery, such supplied energy is accumulated in a separate meter register of the PacifiCorp meter at the Point of Delivery and does not decrement the register used to measure accumulated Net Output energy. Therefore NO<sub>T</sub> is by definition always greater than or equal to zero and in the event the meter records NO<sub>T</sub> less than zero, NO<sub>T</sub> shall be deemed to equal zero.

NO<sub>Echo</sub> = the portion of NO<sub>T</sub> attributable to the nine Echo Projects during an Allocation Interval.

 $NO_{Butter}$  = the portion of  $NO_{T}$  attributable to the four Orchard Projects during an Allocation Interval.

- NO<sub>i</sub> = the net energy sold to PacifiCorp by Morrow Project i during an Allocation Interval.
- BDM = the total energy output delivered by the Orchard Projects at the Butter Creek substation during an Allocation Interval as measured by the PacifiCorp-owned bi-directional meter equipment located on the 69 kV side of the Butter Creek substation in kWh.
- BPM = the total energy used by the Orchard Projects at the Butter Creek substation during an Allocation Interval as measured by the PacifiCorp-owned bi-directional meter equipment located on the 69 kV side of the Butter Creek substation in kWh.
- EDM = the total energy output delivered by the Echo Projects at the Echo substation during an Allocation Interval as measured by the PacifiCorp-owned bi-directional meter equipment located on the 69 kV side of the Echo substation in kWh.
- EPM = the total energy used by the Echo Projects at the Echo substation during an Allocation Interval as measured by the PacifiCorp-owned bi-directional meter equipment located on the 69 kV side of the Echo substation in kWh.
- ELOSS = the share of the losses on the Shared Interconnection Facilities during an Allocation Interval deemed to be attributed to the Echo Projects generation of OP<sub>Echo</sub> as determined by the formula in Section G of this Addendum L based on the concurrent value of EDM, which formula shall be subject to revision from time to time in accordance with Section G of this Addendum L. In the event OP<sub>Echo</sub> is less than or equal to zero, ELOSS shall be deemed equal to zero in kWh.

### 2. Calculations

Calculations shall be reconciled and settled monthly. Calculations shall be rounded to the nearest kilowatt-hour in the final step.

# (a). When Total Generation Output at the Point of Delivery <= Total Station Auxiliary Load and Losses

During an Allocation Interval, the contributions to the monthly billing determinants for the Echo Projects and the Orchard Projects purchases of energy from the Utility Supplier(s), to supply Station Auxiliary Load and Losses and any allocated shares of any associated losses on the Shared Interconnection Facilities, shall be determined with the following formulae:

Energy purchase monthly billing determinant contribution for the Echo Projects equals:

Zero, in the event  $PALL_T$  is equal to zero, and otherwise,  $EPM + [EPM / (EPM+BPM) * (PALL_T - EPM - BPM)]$  Energy purchase monthly billing determinant contribution for the Orchard Projects equals:

```
Zero, in the event PALL_T is equal to zero, and otherwise BPM + [BPM / (EPM+BPM) * (PALL_T - EPM - BPM)]
```

# (b). When Total Generation Output at the Point of Delivery > Total Station Auxiliary Load and Losses

During an Allocation Interval, the contributions to the monthly billing determinants for the Echo Projects and the Orchard Projects sale of Net Output to Pacificorp shall be determined with the following formulae:

```
NO_{Echo} = zero when EDM equals zero; and otherwise NO_{Echo} = the lesser of [EDM - ELOSS] and [NO<sub>T</sub>]; and
```

 $NO_{Butter}$  = zero when BDM equals zero; and otherwise  $NO_{Butter}$  = [  $NO_{T}$  -  $NO_{Echo}$  ];

For each Echo Project i:

$$NO_i = NO_{Echo} * [OP_i / OP_{Echo}]$$

For each Butter Creek Project i:

$$NO_i = NO_{Butter} * [OP_i / OP_{Butter}]$$

The Morrow Projects shall reconcile among themselves, as a matter independent of this Addendum L and the Agreement, any Allocation Intervals where EDM is zero and BDM is greater than zero, such that the Orchard Projects supplied the Station Auxiliary Load and Losses of the Echo Projects, EPM, resulting in a lesser NO<sub>Butter</sub> or where where BDM is zero and EDM is greater than zero, such that the Echo Projects supplied the Station Auxiliary Load and Losses of the Orchard Projects, BPM, resulting in a lesser NO<sub>Echo</sub> for such Allocation Intervals.

## C. Limitation of PacifiCorp Purchase Liability

PacifiCorp's total purchase obligation to the Morrow Projects shall at no time exceed total energy delivered by the Morrow Projects to the Point of Delivery. Therefore, in the event the sum of the Net Output energy (calculated according to the preceding formulae) for all the Morrow Projects is greater than NO<sub>T</sub>, then PacifiCorp shall reduce calculated Net Output energy from each Morrow Project, *pro rata* each Morrow Project's share of the OP<sub>T</sub>, such that the total energy purchased from all the Morrow Projects at the Point of Delivery by PacifiCorp equals NO<sub>T</sub>.

## D. PacifiCorp Right to Offset

In the event PacifiCorp determines it has underpaid one or more Morrow Projects (due to metering error or otherwise) and, as a result of underpaying one or more Morrow Projects, has overpaid Seller, PacifiCorp may adjust Seller's future payment(s) accordingly in order to recapture any overpayment received by Seller in a reasonable time.

#### E. Effective Date

This Addendum L was negotiated jointly among the Morrow Projects and PacifiCorp, and each of the Morrow Projects' assent to Addendum L is essential to the purposes of this Addendum L. Therefore, this Addendum L shall not become effective until the first day of the first month after (1) all of the Morrow Projects have delivered to PacifiCorp an executed copy of Addendum L and PacifiCorp has executed same; and (2) all meters necessary to perform the calculations in Section 2 are operational ("Addendum L Effective Date").

## F. Recital E to the Power Purchase Agreement

The Parties' intentionally left blank the elective options in Recital E to their PPAs because neither option describes the Parties' intent. The Parties intend that, when NO<sub>T</sub> is greater than zero, Seller's full electric requirements will be served by its gross output or by the Net Output of other Morrow Projects. When NO<sub>T</sub> is less than or equal to zero, Seller's full electric requirements at the Point of Delivery will be served by Seller's Utility Supplier.

## G. Echo Projects Shared Interconnection Facilities Loss Formula (ELOSS)

During an Allocation Interval, the amount of the total losses (kWh) on the Shared Interconnection Facilities attributed to the output of the Echo Projects, ELOSS, shall be determined by the following formula:

ELOSS = 
$$(3-\text{phase EDM/69})^2 * 1.1 / 1000$$

Where 3-phase EDM is the total energy delivered (kWh, measured at the Echo substation revenue meter) from the Echo Projects to the Echo substation during an Allocation Interval.

The Morrow Projects may, by unanimous agreement of the Morrow Projects, adjust the assumed loss formula (ELOSS) from time to time in order to more accurately approximate the line losses attributed to the generation from the Echo Projects on the Shared Interconnection Facilities in the absence of generation from the Orchard Projects. Any such adjustment may be communicated to PacifiCorp through the Morrow Project's duly authorized agent. Such adjustment(s) shall be effective for billing periods commencing 30 days after written notice of the adjustment to PacifiCorp. Adjustments to the ELOSS formula are subject to PacifiCorp's consent, which consent shall not be unreasonably withheld or delayed. Each Morrow Project at its request shall be entitled to all electronic records and data from the Morrow Projects at Hinkle and at the high-side meters located at the Echo Substation and the Butter Creek Substation.

**H.** Additional Meters. The cost to design install, and maintain meters at the 69kV side of the Echo substation and at the 69 kV side of the Butter Creek substation shall be paid by the Orchard Projects.

## I. Disclaimer; Limitation

The Parties acknowledge that the allocation of shared losses provided herein was agreed to by all of the Morrow Projects and PacifiCorp. PacifiCorp makes no warranty that the shared losses allocated among the Echo Projects will be equal to, less than, or greater than the shared line losses allocated among the Echo Projects under their previous Addenda L. This Addendum L shall not make any Morrow Project a party to any of the PPAs other than the PPA that Morrow Project has executed with PacifiCorp.

## I. Counterparts

This Addendum L may be executed in one or more duplicate counterparts, and when executed and delivered by all the Parties listed below, shall constitute a single binding agreement.

## J. Signatures

The individuals executing this Addendum L warrant that they have full authority to execute this Addendum L on behalf of the entity for whom they are acting herein.

IN WITNESS WHEREOF, the Parties by their officers thereunto duly authorized, have duly executed this Addendum L as of the date(s) provided below.

**PACIFICORP:** 

PacifiCorp

By:

Name: Bruce Griswold

Title: Director, QFs and

Short-term Origination

Date:

# **ECHO CO-OWNERS:**

Sand	Ranch Windfarm, LLC	Oregon Trail Windfarm, LLC	
By:		By:	
	Name:	Name:	
	Title:	Title:	
	Date:	Date:	
Ward	d Butte Windfarm, LLC	Pacific Canyon Windfarm, LI	.C
By:		By:	
	Name:	Name:	
	Title:	Title:	
	Date:	Date:	
Four	Mile Canyon Windfarm, LLC	Four Corners Windfarm, LLC	
By:		By:	
	Name:	Name:	
	Title:	Title:	
	Date:	Date:	
Bit T	op, LLC	Butter Creek Power, LLC	
By:		By:	
	Name:	Name:	
	Title:	Title:	
	Date:	Date:	W. C.
Wag	on Trail, LLC		
By:			
	Name:		
	Title:		
	Date:		

ORCHARD CO-OWNERS:	
Orchard Windfarm 1, LLC	Orchard Windform 2, LLC
By:	By:
Name: John Brown	Name: John Brown
Title: Manager	Title: Manager
Date: 1/30/16	Date: 6/30/16
Orchard Windfarm 3, LLC	Orchard Wind are 4, LLC
By:	Ву:
Name: John Brown	Name:/John Brown
Tifle: Manager	Title: Manager
Date: ( ) / 30/10	Date: 6/30/16

# POWER PURCHASE AGREEMENT

## BETWEEN

## **ORCHARD WINDFARM 4, LLC**

[a new Firm Qualifying Facility with 10,000 kW Facility Capacity Rating, or Less and an Intermittent Resource with Mechanical Availability Guarantee]

## **AND**

## **PACIFICORP**

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**AGREEMENT** 

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ADDENDUM L: STATION LOAD, LOSSES, AND NET OUTPUT ALLOCATION

ALGORITHM FOR THE MORROW PROJECTS

#### POWER PURCHASE AGREEMENT

THIS POWER PURCHASE AGREEMENT, entered into this day of day of pacific Power & Light Company), an Oregon corporation acting in its regulated utility capacity, "PacifiCorp." (Seller and PacifiCorp are referred to individually as a "Party" or collectively as the "Parties").

## **RECITALS**

- A. Seller intends to construct, own, operate and maintain a wind generation facility for the generation of electric power, including interconnection facilities, located in Morrow County and/or Umatilla County, Oregon with a Facility Capacity Rating of 10,000 kilowatts (kW) as further described in **Exhibit A** and **Exhibit B** ("Facility"); and
- B. Seller intends to commence delivery of Net Output under this Agreement, for the purpose of Start-up Testing, on October 1, 2019 ("Scheduled Initial Delivery Date"); and
- C. Seller intends to operate the Facility as a Qualifying Facility, commencing commercial operations on October 1, 2020 ("Scheduled Commercial Operation Date") which shall be established as no later than three years after Effective Date subject to Section 2.3; and
- D. Seller estimates that the average annual Net Energy to be delivered by the Facility to PacifiCorp is 28,843,502 kilowatt-hours (kWh), which amount of energy PacifiCorp will include in its resource planning; and
- E. Seller shall (choose one)  $\boxtimes$  sell all Net Output to PacifiCorp and purchase its full electric requirements from PacifiCorp  $\square$  sell Net Output surplus to its needs at the Facility site to PacifiCorp and purchase partial electric requirements service from PacifiCorp, in accordance with the terms and conditions of this Agreement; and
- F. This Agreement is a "New QF Contract" under the PacifiCorp Inter-Jurisdictional Cost Allocation Protocol in effect on the Effective Date.

#### **AGREEMENT**

NOW, THEREFORE, the Parties mutually agree as follows:

### **Section 1: DEFINITIONS**

When used in this Agreement, the following terms shall have the following meanings:

- 1.1 "As-built Supplement" shall be a supplement to Exhibit A and Exhibit B, provided by Seller following completion of construction of the Facility, describing the Facility as actually built.
- 1.2 "Availability" means the percentage of time that the Facility is capable of producing Net Energy during a Contract Year. The percentage of time during a Contract Year that the Facility is available to produce power is calculated as follows:

## % Availability ={ $[(H \times N)-(Sum \text{ of Downtime Hrs for N Turbines})]/(H \times N)} \times 100\%$

where H is the number of hours in the Contract Year and N is the number of turbines comprising the Facility. Downtime Hours (calculated in 10 minute increments), for each individual unit includes minutes in which the unit is not in "run" status, or is in "run" status but faulted (including any delay in resetting a fault). Notwithstanding the previous sentence, Downtime Hours does not include minutes that a unit is unavailable due to (i) an event of Force Majeure; (ii) a default by PacifiCorp under this Agreement; (iii) Lack of Motive Force at times when the Facility would otherwise be available (including the normal amount of time required by the generating equipment to resume operations following a Lack of Motive Force); or (iv) outages scheduled at least 90 days in advance with PacifiCorp's written consent, up to 200 hours per unit per year.

- 1.3 "Average Annual Generation" shall have the meaning set forth in Section 4.2.
- 1.4 "Billing Period" means, unless otherwise agreed to, the time period between PacifiCorp's consecutive readings of its power purchase billing meter at the Facility in the normal course of PacifiCorp's business. Such periods typically range between twenty-seven (27) and thirty-four (34) days and may not coincide with calendar months.
- 1.5 "CAMD" means the Clean Air Markets Division of the Environmental Protection Agency or successor administrator, or any state or federal entity given jurisdiction over a program involving transferability of Green Tags.
- 1.6 "Commercial Operation Date" means the date that the Facility is deemed by PacifiCorp to be fully operational and reliable, which shall require, among other things, that all of the following events have occurred:
  - 1.6.1 PacifiCorp has received a certificate addressed to PacifiCorp from a Licensed Professional Engineer stating (a) the Facility Capacity Rating of the Facility at the anticipated Commercial Operation Date; and (b) that the

Facility is able to generate electric power reliably in amounts required by this Agreement and in accordance with all other terms and conditions of this Agreement;

- 1.6.2 The Facility has completed Start-Up Testing;
- 1.6.3 PacifiCorp has received a certificate addressed to PacifiCorp from a Licensed Professional Engineer stating that, (a), in accordance with the Generation Interconnection Agreement, all required interconnection facilities and metering have been constructed, all required interconnection tests have been completed and the Facility is physically interconnected with PacifiCorp's electric system, and (b) if the Facility consists of multiple wind generation facilities on a common transmission line, the required metering equipment has been completed and tested in conformance with Section 8 of this Agreement (or if the Facility is interconnected with another electric utility that will wheel Net Output to PacifiCorp, all required interconnection facilities and metering equipment have been completed and tested and are in place to allow for such wheeling);
- 1.6.4 PacifiCorp has received a certificate addressed to PacifiCorp from an attorney in good standing in the State of Oregon stating that Seller has obtained all Required Facility Documents and if requested by PacifiCorp, in writing, has provided copies of any or all such requested Required Facility Documents. (Facilities over 200 kW only).
- 1.6.5 Seller has complied with the security requirements of Section 10.
- 1.6.6 PacifiCorp has received an executed copy of **Exhibit F**—Seller's Interconnection Request.
- 1.7 "Commission" means the Oregon Public Utilities Commission.
- 1.8 "Contract Price" means the applicable price for capacity or energy, or both capacity and energy, stated in Sections 5.1, 5.2, and 5.3.
- 1.9 "Contract Year" means a twelve (12)- month period commencing at 00:00 hours Pacific Prevailing Time ("PPT") on January 1 and ending on 24:00 hours PPT on December 31; provided, however, that the first Contract Year shall commence on the Commercial Operation Date and end on the next succeeding December 31, and the last Contract Year shall end on the Termination Date.
- 1.10 "Credit Requirements" means a long-term credit rating (corporate or long-term senior unsecured debt) of (1) "Baa3" or greater by Moody's, or (2) "BBB-" or greater by S&P, or such other indicia of creditworthiness acceptable to PacifiCorp in its reasonable judgment.
- 1.11 "Cut-in Speed" means the wind speed at which a stationary wind turbine begins producing Net Energy, as specified by the turbine manufacturer, and set forth in Exhibit A.

- 1.12 "Default Security", unless otherwise agreed to by the Parties in writing, means the amount of either a Letter of Credit or cash placed in an escrow account sufficient to replace twelve (12) average months of replacement power costs over the term of this Agreement, and shall be calculated by taking the average, over the term of this Agreement, of the positive difference between (a) the monthly forward power prices at Mid-C (as determined by PacifiCorp in good faith using information from a commercially reasonable independent source), multiplied by 110%, minus (b) the average of the Fixed Avoided Cost Prices specified in Schedule 37, and multiplying such difference by (c) 25% of the Average Annual Generation provided, however, the amount of Default Security shall in no event be less than the amount equal to the payments PacifiCorp would make for three (3) average months based on Seller's average monthly volume over the term of this Agreement and utilizing the average Fixed Avoided Cost Prices specified in Schedule 37. Such amount shall be fixed at the Effective Date of this Agreement.
  - 1.13 "Effective Date" shall have the meaning set forth in Section 2.1.
  - 1.14 "Energy Delivery Schedule" shall have the meaning set forth in Section 4.4.
- 1.15 "Environmental Attributes" shall mean any and all claims, credits, benefits, emissions reductions, offsets, and allowances, howsoever entitled, resulting from the avoidance of the emission of any gas, chemical, or other substance to the air, soil or water. Environmental Attributes include but are not limited to: (1) any avoided emissions of pollutants to the air, soil, or water such as (subject to the foregoing) sulfur oxides (SOx), nitrogen oxides (NOx), carbon monoxide (CO), and other pollutants; and (2) any avoided emissions of carbon dioxide (CO2), methane (CH4), and other greenhouse gases (GHGs) that have been determined by the United Nations Intergovernmental Panel on Climate Change to contribute to the actual or potential threat of altering the Earth's climate by trapping heat in the atmosphere.
- 1.16 "Excess Output" shall mean any increment of Net Output delivered at a rate, on an hourly basis, exceeding the Facility Capacity Rating.
  - 1.17 "Facility" shall have the meaning set forth in Recital A.
- 1.18 "Facility Capacity Rating" means the sum of the Nameplate Capacity Ratings for all generators comprising the Facility.
  - 1.19 "FERC" means the Federal Energy Regulatory Commission, or its successor.
- 1.20 "Mechanical Availability Guarantee" shall have the meaning set forth in Section 4.3.1.
- 1.21 "Generation Interconnection Agreement" means the generation interconnection agreement to be entered into separately between Seller and PacifiCorp's transmission or distribution department, as applicable, providing for the construction, operation, and maintenance of PacifiCorp's interconnection facilities required to accommodate deliveries of Seller's Net Output if the Facility is to be interconnected directly with PacifiCorp rather than another electric utility.

- 1.22 "Green Tags" means (1) the Environmental Attributes associated with all Net Output, together with (2) all WREGIS Certificates; and (3) the Green Tag Reporting Rights associated with such energy, Environmental Attributes and WREGIS Certificates, however commercially transferred or traded under any or other product names, such as "Renewable Energy Credits," "Green-e Certified", or otherwise. One (1) Green Tag represents the Environmental Attributes made available by the generation of one (1) MWh of energy from the Facility. Provided however, that "Green Tags" do not include Environmental Attributes that are greenhouse gas offsets from methane capture not associated with the generation of electricity and not needed to ensure that there are zero net emissions associated with the generation of electricity.
- 1.23 "Green Tag Reporting Rights" means the exclusive right of a purchaser of Green Tags to report exclusive ownership of Green Tags in compliance with federal or state law, if applicable, and to federal or state agencies or other parties at such purchaser's discretion, and include reporting under Section 1605(b) of the Energy Policy Act of 1992, or under any present or future domestic, international, or foreign emissions trading program or renewable portfolio standard.
- 1.24 "Lack of Motive Force" means temporary lack, due to natural causes, of: sunlight (for a solar powered facility), water (for a hydropower facility), current or wave amplitude (for a wave energy facility), or Sufficient Wind (for a wind turbine facility). Lack of Motive Force does not include lack of any motive force due to voluntary actions taken by Seller (e.g. lease or sale of water rights).
- 1.25 "Letter of Credit" means an irrevocable standby letter of credit, from an institution that has a long-term senior unsecured debt rating of "A" or greater from S&P or "A2" or greater from Moody's, in a form reasonably acceptable to PacifiCorp, naming PacifiCorp as the party entitled to demand payment and present draw requests thereunder.
- 1.26 "Licensed Professional Engineer" means a person acceptable to PacifiCorp in its reasonable judgment who is licensed to practice engineering in the state of Oregon, who has no economic relationship, association, or nexus with the Seller, and who is not a representative of a consulting engineer, contractor, designer or other individual involved in the development of the Facility, or of a manufacturer or supplier of any equipment installed in the Facility. Such Licensed Professional Engineer shall be licensed in an appropriate engineering discipline for the required certification being made.
- 1.27 "Material Adverse Change" means the occurrence of any event of default under any material agreement to which Seller is a party and of any other development, financial or otherwise, which would have a material adverse effect on Seller, the Facility or Seller's ability to develop, construct, operate, maintain or own the Facility as provided in this Agreement.
- 1.28 "Nameplate Capacity Rating" means the full-load electrical quantities assigned by the designer to a generator and its prime mover or other piece of electrical equipment, such as transformers and circuit breakers, under standardized conditions, expressed in amperes, kilovoltamperes, kilowatts, volts, or other appropriate units. Usually indicated on a nameplate attached to the individual machine or device.

- 1.29 "Net Energy" means the energy component, in kWh, of Net Output.
- 1.30 "Net Output" means all energy and capacity produced by the Facility, less station use and less transformation and transmission losses and other adjustments (e.g., Seller's load other than station use), if any. For purposes of calculating payment under this Agreement, Net Output of energy shall be the amount of energy flowing through the Point of Delivery.
- 1.31 "Net Replacement Power Costs" shall have the meaning set forth in Section 11.4.1.
  - 1.32 "Off-Peak Hours" means all hours of the week that are not On-Peak Hours.
- 1.33 "On-Peak Hours" means the hours between 6 a.m. Pacific Prevailing Time ("PPT") and 10 p.m. PPT, Mondays through Saturdays, excluding all hours occurring on holidays as provided in Schedule 37.
  - 1.34 "Output Shortfall" shall have the meaning set forth in Section 4.3.2
- 1.35 "Point of Delivery" means the high side of the Seller's step-up transformer(s) located at the point of interconnection between the Facility and PacifiCorp's distribution/ transmission system, as specified in the Generation Interconnection Agreement, or, if the Facility is not interconnected directly with PacifiCorp, the point at which another utility will deliver the Net Output to PacifiCorp as specified in Exhibit B.
- 1.36 "Prime Rate" means the publicly announced prime rate for commercial loans to large businesses with the highest credit rating in the United States in effect from time to time quoted by Citibank, N.A. If a Citibank, N.A. prime rate is not available, the applicable Prime Rate shall be the announced prime rate for commercial loans in effect from time to time quoted by a bank with \$10 billion or more in assets in New York City, New York, selected by the Party to whom interest based on the Prime Rate is being paid.
- 1.37 "Prudent Electrical Practices" means any of the practices, methods and acts engaged in or approved by a significant portion of the electrical utility industry or any of the practices, methods or acts, which, in the exercise of reasonable judgment in the light of the facts known at the time a decision is made, could have been expected to accomplish the desired result at the lowest reasonable cost consistent with reliability, safety and expedition. Prudent Electrical Practices is not intended to be limited to the optimum practice, method or act to the exclusion of all others, but rather to be a spectrum of possible practices, methods or acts.
- 1.38 "QF" means "Qualifying Facility," as that term is defined in the FERC regulations (codified at 18 CFR Part 292) in effect on the Effective Date.
- 1.39 "Renewable Resource Deficiency Period" means the period from January 1, 2024 through the Termination Date.
- 1.40 "Renewable Resource Sufficiency Period" means the period from Initial Delivery Date through December 31, 2023.

- 1.41 "Replacement Price" means the price at which PacifiCorp, acting in a commercially reasonable manner, purchases for delivery at the Point of Delivery a replacement for any Net Output that Seller is required to deliver under this Agreement plus (i) costs reasonably incurred by PacifiCorp in purchasing such replacement Net Output, and (ii) additional transmission charges, if any, reasonably incurred by PacifiCorp in causing replacement energy to be delivered to the Point of Delivery. If PacifiCorp elects not to make such a purchase, the Replacement Price shall be the market price at the Mid-Columbia trading hub for such energy not delivered, plus any additional cost or expense incurred as a result of Seller's failure to deliver, as determined by PacifiCorp in a commercially reasonable manner (but not including any penalties, ratcheted demand or similar charges).
- 1.42 "Required Facility Documents" means all licenses, permits, authorizations, and agreements, including a Generation Interconnection Agreement or equivalent, necessary for construction, operation, and maintenance of the Facility consistent with the terms of this Agreement, including without limitation those set forth in Exhibit C.
- 1.43 "Schedule 37" means the Schedule 37 of Pacific Power & Light Company's Commission-approved tariffs, providing pricing options for Qualifying Facilities of 10,000 kW or less, which is in effect on the Effective Date of this Agreement. A copy of that Schedule 37 is attached as **Exhibit G**.
- 1.44 "Scheduled Commercial Operation Date" shall have the meaning set forth in Recital C.
  - 1.45 "Scheduled Initial Delivery Date" shall have the meaning set forth in Recital B.
- 1.46 "Start-Up Testing" means the completion of required factory and start-up tests as set forth in Exhibit E hereto.
- 1.47 "Sufficient Wind" means any hour during which the average wind speed is equal to or greater than the manufacturer's rated Cut-in Speed for the wind turbines comprising the Facility.
  - 1.48 "Termination Date" shall have the meaning set forth in Section 2.4.
- 1.49 "WREGIS" means the Western Renewable Energy Generation Information System or successor organization in case WREGIS is ever replaced.
- 1.50 "WREGIS Certificate" means "Certificate" as defined by WREGIS in the WREGIS Operating Rules dated July 15, 2013.
- 1.51 "WREGIS Operating Rules" means the operating rules and requirements adopted by WREGIS, dated July 15, 2013.

# Section 2: TERM; COMMERCIAL OPERATION DATE

- 2.1 This Agreement shall become effective after execution by both Parties ("Effective Date").
- 2.2 **Time is of the essence for this Agreement,** and Seller's ability to meet certain requirements prior to the Commercial Operation Date and to deliver Net Output by the Scheduled Commercial Operation Date is critically important. Therefore,
  - 2.2.1 By September 1, 2016, Seller shall provide PacifiCorp with a copy of an executed Generation Interconnection Agreement, or wheeling agreement, as applicable, which shall be consistent with all material terms and requirements of this Agreement.
  - 2.2.2 Upon completion of construction, Seller, in accordance with Section 6.1, shall provide PacifiCorp with an As-built Supplement acceptable to PacifiCorp;
  - 2.2.3 By the date thirty (30) days after the Effective Date, Seller shall provide Default Security required under Sections 10.1 or 10.2, as applicable.
- 2.3 Seller shall cause the Facility to achieve Commercial Operation on or before the Scheduled Commercial Operation Date. Seller shall have the option to propose a Scheduled Commercial Operation Date beyond three years from the Effective Date. Unless Seller and PacifiCorp agree in writing that a later Scheduled Commercial Operation Date is reasonable and necessary, the Scheduled Commercial Operation Date shall be no more than three years from the date the Effective Date. PacifiCorp will not unreasonably withhold its agreement that a Scheduled Commercial Operation Date beyond the three-year period is reasonable and necessary. If Commercial Operation occurs after the Scheduled Commercial Operation Date, Seller shall be in default, and liable for delay damages specified in Section 11.
- 2.4 Except as otherwise provided herein, this Agreement shall terminate on June 30, 2039 [enter Date that is no later than 20 years after the Scheduled Initial Delivery Date] ("Termination Date").

### **Section 3: REPRESENTATIONS AND WARRANTIES**

- 3.1 PacifiCorp represents, covenants, and warrants to Seller that:
  - 3.1.1 PacifiCorp is duly organized and validly existing under the laws of the State of Oregon.
  - 3.1.2 PacifiCorp has the requisite corporate power and authority to enter into this Agreement and to perform according to the terms of this Agreement.

- 3.1.3 PacifiCorp has taken all corporate actions required to be taken by it to authorize the execution, delivery and performance of this Agreement and the consummation of the transactions contemplated hereby.
- 3.1.4 The execution and delivery of this Agreement does not contravene any provision of, or constitute a default under, any indenture, mortgage, or other material agreement binding on PacifiCorp or any valid order of any court, or any regulatory agency or other body having authority to which PacifiCorp is subject.
- 3.1.5 This Agreement is a valid and legally binding obligation of PacifiCorp, enforceable against PacifiCorp in accordance with its terms (except as the enforceability of this Agreement may be limited by bankruptcy, insolvency, bank moratorium or similar laws affecting creditors' rights generally and laws restricting the availability of equitable remedies and except as the enforceability of this Agreement may be subject to general principles of equity, whether or not such enforceability is considered in a proceeding at equity or in law).
- 3.2 Seller represents, covenants, and warrants to PacifiCorp that:
  - 3.2.1 Seller is a limited liability company duly organized and validly existing under the laws of Oregon.
  - 3.2.2 Seller has the requisite power and authority to enter into this Agreement and to perform according to the terms hereof, including all required regulatory authority to make wholesale sales from the Facility.
  - 3.2.3 Seller has taken all actions required to authorize the execution, delivery and performance of this Agreement and the consummation of the transactions contemplated hereby.
  - 3.2.4 The execution and delivery of this Agreement does not contravene any provision of, or constitute a default under, any indenture, mortgage, or other material agreement binding on Seller or any valid order of any court, or any regulatory agency or other body having authority to which Seller is subject.
  - 3.2.5 This Agreement is a valid and legally binding obligation of Seller, enforceable against Seller in accordance with its terms (except as the enforceability of this Agreement may be limited by bankruptcy, insolvency, bank moratorium or similar laws affecting creditors' rights generally and laws restricting the availability of equitable remedies and except as the enforceability of this Agreement may be subject to general principles of equity, whether or not such enforceability is considered in a proceeding at equity or in law).

- The Facility is and shall for the term of this Agreement continue to be a 3.2.6 OF, and Seller will operate the Facility in a manner consistent with its FERC QF certification. Seller has provided to PacifiCorp the appropriate OF certification (which may include a FERC self-certification) prior to PacifiCorp's execution of this Agreement. At any time during the term of this Agreement, PacifiCorp may require Seller to provide PacifiCorp with evidence satisfactory to PacifiCorp in its reasonable discretion that the Facility continues to qualify as a QF under all applicable requirements and, if PacifiCorp is not satisfied that the Facility qualifies for such status, a written legal opinion from an attorney who is (a) in good standing in the state of Oregon, and (b) who has no economic relationship, association or nexus with the Seller or the Facility, stating that the Facility is a QF and providing sufficient proof (including copies of all documents and data as PacifiCorp may request) demonstrating that Seller has maintained and will continue to maintain the Facility as a OF.
- Compliance with Ownership Requirements in Commission Proceedings 3.2.7 No. UM 1129 and UM 1610. Seller will not make any changes in its ownership, control, or management during the term of this Agreement that would cause it to not be in compliance with the definition of a Small Cogeneration Facility or Small Power Production Facility provided in PacifiCorp's Schedule 37 tariff approved by the Commission at the time this Agreement is executed. Seller will provide, upon request by PacifiCorp not more frequently than every 36 months, such documentation and information as reasonably may be required to establish Seller's continued compliance with such Definition. PacifiCorp agrees to take reasonable steps to maintain the confidentiality of any portion of the above-described documentation and information that the Seller identifies as confidential except PacifiCorp will provide all such confidential information the Public Utility Commission of Oregon upon the Commission's request. These ownership requirements, as well as the dispute resolution provision governing any disputes over a QF's entitlement to the standard rates and standard contract with respect to the requirements, are detailed in Schedule 37.
- 3.2.8 <u>Additional Seller Creditworthiness Warranties</u>. Seller need not post security under Section 10 for PacifiCorp's benefit in the event of Seller default, provided that Seller warrants all of the following:
  - (a) Neither the Seller nor any of its principal equity owners is or has within the past two (2) years been the debtor in any bankruptcy proceeding, is unable to pay its bills in the ordinary course of its business, or is the subject of any legal or regulatory action, the result of which could reasonably be expected to impair Seller's ability to own and operate the Facility in accordance with the terms of this Agreement.

- (b) Seller has not at any time defaulted in any of its payment obligations for electricity purchased from PacifiCorp.
- (c) Seller is not in default under any of its other agreements and is current on all of its financial obligations, including construction related financial obligations.
- (d) Seller owns, and will continue to own for the term of this Agreement, all right, title and interest in and to the Facility, free and clear of all liens and encumbrances other than liens and encumbrances related to third-party financing of the Facility.
- (e) [Applicable only to Seller's with a Facility having a Facility Capacity Rating greater than 3,000 kW] Seller meets the Credit Requirements.

Seller hereby declares (Seller initial one only):

Seller affirms and adopts all warranties of this Section 3.2.8, and therefore is not required to post security under Section 10; or

X Seller does not affirm and adopt all warranties of this Section 3.2.8, and therefore Seller elects to post the security specified in Section 10.

3.3 Notice. If at any time during this Agreement, any Party obtains actual knowledge of any event or information which would have caused any of the representations and warranties in this Section 3 to have been materially untrue or misleading when made, such Party shall provide the other Party with written notice of the event or information, the representations and warranties affected, and the action, if any, which such Party intends to take to make the representations and warranties true and correct. The notice required pursuant to this Section shall be given as soon as practicable after the occurrence of each such event.

### Section 4: DELIVERY OF POWER AND PERFORMANCE GUARANTEE

- 4.1 Commencing on the Commercial Operation Date, unless otherwise provided herein, Seller will sell and PacifiCorp will purchase (a) all Net Output from the Facility delivered to the Point of Delivery and (b) all Green Tags associated with the output or otherwise resulting from the generation of energy by the Facility (which shall come from the Facility and from no other source), for the periods during which the Green Tags are required to be transferred to PacifiCorp under the terms of Section 5.5.
- 4.2 Average Annual Generation. Seller estimates that the Facility will generate, on average, 28,843,502 kWh per Contract Year ("Average Annual Generation"). Seller may, upon at least six months prior written notice, modify the Average Annual Generation every other Contract Year.

## 4.3 Performance Guaranty.

- 4.3.1 Mechanical Availability Guarantee. Seller guarantees that the annual Availability of the Facility (the "Mechanical Availability Guarantee") for (i) the first Contract Year shall be no less than 0.80, and (ii) for the second Contract Year shall be no less than 0.85. Beginning with the third Contract Year and for each Contract Year thereafter, the Mechanical Availability Guarantee for each Contract Year shall be 0.90, with such annual Availability to be calculated for purposes of this Section 4.3.1 for each Contract Year. Seller shall pay PacifiCorp liquidated damages under Section 11.4.1 if the Availability in any given Contract Year falls below the Mechanical Availability Guarantee for the Contract Year.
- 4.4 Energy Delivery Schedule. Seller has provided a monthly schedule of Net Energy expected to be delivered by the Facility ("Energy Delivery Schedule"), incorporated into Exhibit D.
- Transfer of Title to Green Tags; Documentation of Green Tags Transfers. Subject 4.5 to the Green Tags ownership as defined in Section 5.5, title to the Green Tags shall pass from Seller to PacifiCorp immediately upon the generation of the Net Output at the Facility that gives rise to such Green Tags. The Parties shall execute all additional documents and instruments reasonably requested by PacifiCorp in order to further document the transfer of the Green Tags to PacifiCorp or its designees. Without limiting the generality of the foregoing, Seller shall, on or before the 10th day of each month, deliver to PacifiCorp a Green Tags Attestation and Bill of Sale in the form attached as Exhibit H for all Green Tags delivered to PacifiCorp hereunder in the preceding month, along with any attestation that is then-current with the Center for Resource Solution's Green-e program or successor organization in case the Center for Resource Solutions is replaced by another party over the life of the contract. Seller, at its own cost and expense, shall register with, pay all fees required by, and comply with, all reporting and other requirements of WREGIS relating to the Facility or Green Tags, except that when Seller is required to transfer Green Tags to PacifiCorp under Section 5.5, PacifiCorp will pay all fees required by WREGIS relating to the Green Tags. Seller shall ensure that the Facility will participate in and comply with, during the Term, all aspects of WREGIS. Seller will use WREGIS as required pursuant to the WREGIS Operating Rules to effectuate the transfer of WREGIS Certificates to PacifiCorp, and transfer such WREGIS Certificates to PacifiCorp, in accordance with WREGIS reporting protocols and WREGIS Operating Rules. Seller may either elect to enter into a Qualified Reporting Entity Services Agreement with PacifiCorp in a form approved by PacifiCorp, enter into a Qualified Reporting Entity Services Agreement with a third-party authorized to act as a Qualified Reporting Entity, or elect to act as its own WREGISdefined Qualified Reporting Entity. Seller shall promptly give PacifiCorp copies of all documentation it submits to WREGIS. Further, in the event of the promulgation of a scheme involving Green Tags administered by CAMD, upon notification by CAMD that any transfer contemplated by this Agreement will not be recorded, the Parties shall promptly cooperate in taking all reasonable actions necessary so that such transfers can be recorded. Seller shall not report under Section 1605(b) of the Energy Policy Act of 1992 or under any applicable program that any of the Green Tags purchased by PacifiCorp hereunder belong to any person other than Without limiting the generality of PacifiCorp's ownership of the Green Tag PacifiCorp.

Reporting Rights, PacifiCorp may report under such program that such Green Tags purchased hereunder belong to it. Each Party shall promptly give the other Party copies of all documents it submits to the CAMD to effectuate any transfer. Seller shall reasonably cooperate in any registration by PacifiCorp of the Facility in the renewable portfolio standard or equivalent program in all such further states and programs in which PacifiCorp may wish to register or maintain registration of the Facility by providing copies of all such information as PacifiCorp reasonably required for such registration.

## **Section 5: PURCHASE PRICES**

5.1 Seller shall have the option to select one of three pricing options: Standard Fixed Avoided Cost Prices ("Fixed Price Standard"), Renewable Fixed Avoided Cost Prices ("Fixed Price Renewable"), or Firm Market Indexed Avoided Cost Prices ("Firm Electric Market"), as published in Schedule 37. Once an option is selected the option will remain in effect for the duration of the Facility's contract. Seller has selected the following (Seller to initial one):

	Fixed Price Standard		
X	Fixed Price Renewable		
	Firm Electric Market		

A copy of Schedule 37, and a table summarizing the purchase prices under the pricing option selected by Seller, is attached as **Exhibit G.** 

- 5.2 (Fixed Price Standard Seller Only). In the event Seller elects the Fixed Price Standard pricing method, PacifiCorp shall pay Seller the applicable On-Peak and Off-Peak rates specified in **Schedule 37** during the first fifteen (15) years after the Scheduled Initial Delivery Date. Thereafter, PacifiCorp shall pay Seller Firm Electric Market.
- 5.3 (Fixed Price Renewable Seller Only). In the event Seller elects the Fixed Price Renewable pricing method, PacifiCorp shall pay Seller the applicable On-Peak and Off-Peak rates specified in **Schedule 37** during the first fifteen (15) years after the Scheduled Initial Delivery Date. Thereafter, PacifiCorp shall pay Seller Firm Electric Market.
- 5.4 For all Excess Output and for all Net Output delivered prior to the Commercial Operation Date, PacifiCorp shall pay Seller 93 percent of a blended market index price for day-ahead firm energy at Mid-Columbia, California Oregon Border (COB), Four Corners and Palo Verde market indices as reported by the Intercontinental Exchange (ICE), for the On-Peak and Off-Peak periods. PacifiCorp shall document its calculation of the blended rate, upon request, to Seller. Such payment will be accomplished by adjustments pursuant to Section 9.2
  - 5.5 Environmental Attributes
  - 5.5.1 (<u>Fixed Price Standard Seller Only</u>): PacifiCorp waives any claim to Seller's ownership of Environmental Attributes under this Agreement throughout the Term.

5.5.2 (Fixed Price Renewable Seller Only): PacifiCorp waives any claim to Seller's ownership of Environmental Attributes during the Renewable Resource Sufficiency Period, and any period within the Term of this Agreement after completion of the first fifteen (15) years after the Scheduled Initial Delivery Date. Subject to the foregoing, Seller shall transfer the Green Tags to PacifiCorp in accordance with Section 4.5 during the Renewable Resource Deficiency Period.

# Section 6: OPERATION AND CONTROL

- 6.1 As-Built Supplement. Upon completion of initial (and any subsequent) construction of the Facility, Seller shall provide PacifiCorp an As-Built Supplement to specify the actual Facility as built. The As-Built Supplement must be reviewed and approved by PacifiCorp, which approval shall not unreasonably be withheld, conditioned or delayed.
- Incremental Utility Upgrades. At start-up (and at any other time upon at least six months' prior written notice), Seller may increase Net Output, if such increase is due to normal variances in estimated versus actual performance, changed Facility operations, or improvements in Facility efficiency. Seller may not increase Net Output under this Agreement by installing additional generating units. In the case of substantial upgrades, PacifiCorp may require Seller to comply with Section 3.2.8(e) (in the event that the Facility upgrade causes the Facility Capacity Rating to exceed 3,000 kW) and increase its Average Annual Generation in Section 4.2 (if appropriate). PacifiCorp may also update Seller's security obligation (if applicable). So long as the Facility Capacity Rating after the upgrade is 10,000 kW or less, Seller will continue to receive the Contract Price for the Net Output, as set forth in Sections 5.1, 5.2, and 5.3 of this Agreement. If Seller increases the Facility Capacity Rating above 10,000 kW, then (on a going forward basis) PacifiCorp shall pay Seller the Contract Price for the fraction of total Net Output equal to 10,000 kW divided by the Facility Capacity Rating of the upgraded Facility. For the remaining fraction of Net Output, PacifiCorp and Seller shall agree to a new negotiated rate. Seller shall be responsible for ensuring that any planned increase in the Facility Capacity Rating or the maximum instantaneous capacity of the Facility complies with Seller's Generation Interconnection Agreement and any other agreements with PacifiCorp.
- 6.3 Seller shall operate and maintain the Facility in a safe manner in accordance with the Generation Interconnection Agreement (if applicable), Prudent Electrical Practices and in accordance with the requirements of all applicable federal, state and local laws and the National Electric Safety Code as such laws and code may be amended from time to time. PacifiCorp shall have no obligation to purchase Net Output from the Facility to the extent the interconnection between the Facility and PacifiCorp's electric system is disconnected, suspended or interrupted, in whole or in part, pursuant to the Generation Interconnection Agreement, or to the extent generation curtailment is required as a result of Seller's non-compliance with the Generation Interconnection Agreement. PacifiCorp shall have the right to inspect the Facility to confirm that Seller is operating the Facility in accordance with the provisions of this Section 6.3 upon reasonable notice to Seller. Seller is solely responsible for the operation and maintenance of the Facility. PacifiCorp shall not, by reason of its decision to inspect or not to inspect the Facility, or by any action or inaction taken with respect to any such inspection, assume or be held

responsible for any liability or occurrence arising from the operation and maintenance by Seller of the Facility.

- 6.4 <u>Scheduled Outages</u>. Seller may cease operation of the entire Facility or individual units, if applicable, for maintenance or other purposes. Seller shall exercise its best efforts to notify PacifiCorp of planned outages at least ninety (90) days prior, and shall reasonably accommodate PacifiCorp's request, if any, to reschedule such planned outage in order to accommodate PacifiCorp's need for Facility operation.
- 6.5 <u>Unplanned Outages</u>. In the event of an unscheduled outage or curtailment exceeding twenty-five (25) percent of the Facility Capacity Rating (other than curtailments due to lack of motive force), Seller immediately shall notify PacifiCorp of the necessity of such unscheduled outage or curtailment, the time when such has occurred or will occur and the anticipated duration. Seller shall take all reasonable measures and exercise its best efforts to avoid unscheduled outage or curtailment, to limit the duration of such, and to perform unscheduled maintenance during Off-Peak hours.

# Section 7: FUEL/MOTIVE FORCE

Prior to the Effective Date of this Agreement, Seller provided to PacifiCorp a fuel or motive force plan acceptable to PacifiCorp in its reasonable discretion and attached hereto as **Exhibit D-1**, together with a certification from a Licensed Professional Engineer to PacifiCorp attached hereto as **Exhibit D-2**, certifying that the implementation of the fuel or motive force plan can reasonably be expected to provide fuel or motive force to the Facility for the duration of this Agreement adequate to generate power and energy in quantities necessary to deliver the Average Annual Generation set forth by Seller in Section 4.

### **Section 8: METERING**

- 8.1 Seller shall pay for, and PacifiCorp shall design, furnish, install, own, inspect, test, maintain and replace all metering equipment required pursuant to the Generation Interconnection Agreement, if applicable.
- 8.2 Seller shall pay for and design, furnish, install, own, inspect, test, maintain and replace all metering equipment required in order to calculate Availability of the Facility. Data required to calculate Availability include, but are not limited to: hourly average wind velocity measured at turbine hub height; and ambient air temperature. Seller shall make available all such data to PacifiCorp in electronic format per Section 8.5.
- 8.3 Metering shall be performed at the location and in a manner consistent with this Agreement and as specified in the Generation Interconnection Agreement, or, if the Facility is one of multiple wind generation facilities sharing a common transmission line, the required metering equipment has been completed and tested and is in place to correctly and accurately measure the amount of Net Output generated by the Facility and flowing into PacifiCorp's system at the Point of Delivery, or, if the Net Output is to be wheeled to PacifiCorp by another utility, metering will be performed in accordance with the terms of PacifiCorp's interconnection

agreement with such other utility. All quantities of energy purchased hereunder shall be adjusted to account for electrical losses, if any between the point of metering and the Point of Delivery, so that the purchased amount reflects the net amount of energy flowing into PacifiCorp's system at the Point of Delivery.

8.4 PacifiCorp shall periodically inspect, test, repair and replace the metering equipment as provided in the Generation Interconnection Agreement, if applicable. If the Net Output is to be wheeled to PacifiCorp by another utility, meter inspection, testing, repair and replacement will be performed in accordance with the terms of PacifiCorp's interconnection agreement with such utility. If any of the inspections or tests discloses an error exceeding two percent (2%), either fast or slow, proper correction, based upon the inaccuracy found, shall be made of previous readings for the actual period during which the metering equipment rendered inaccurate measurements if that period can be ascertained. If the actual period cannot be ascertained, the proper correction shall be made to the measurements taken during the time the metering equipment was in service since last tested, but not exceeding three (3) Billing Periods, in the amount the metering equipment shall have been shown to be in error by such test. Any correction in billings or payments resulting from a correction in the meter records shall be made in the next monthly billing or payment rendered following the repair of the meter.

# Section 9: BILLINGS, COMPUTATIONS, AND PAYMENTS

- 9.1 On or before the thirtieth (30th) day following the end of each Billing Period, PacifiCorp shall send to Seller payment for Seller's deliveries of Net Output to PacifiCorp, together with computations supporting such payment. PacifiCorp may offset any such payment to reflect amounts owing from Seller to PacifiCorp pursuant to this Agreement, the Generation Interconnection Agreement, or any other agreement between the Parties.
- 9.2 Corrections. PacifiCorp shall have up to eighteen months to adjust any payment made pursuant to Section 9.1. In the event PacifiCorp determines it has overpaid Seller (for Excess Output or otherwise), PacifiCorp may adjust Seller's future payment accordingly in order to recapture any overpayment in a reasonable time.
- 9.3 Annual Invoicing for Output Shortfall. Beginning on the first January 31 occurring after the Commercial Operation Date, and continuing on January 31 of each Contract Year thereafter, PacifiCorp shall deliver to Seller an invoice showing PacifiCorp's computation of Net Output and Output Shortfall, if any, for the prior Contract Year and any resulting amount due PacifiCorp as liquidated damages. In preparing such invoices, PacifiCorp shall utilize the meter data provided to PacifiCorp for the Contract Year in question, but may also rely on historical averages and such other information as may be available to PacifiCorp at the time of invoice preparation, if the meter data for such Contract Year is then incomplete or otherwise not available. To the extent required, PacifiCorp shall true up any such invoice as promptly as practicable following its receipt of actual results for the relevant Contract Year. Seller shall pay to PacifiCorp, by wire transfer or by any other means agreed to by the Parties in writing, the amount set forth as due in such invoice.

9.4 Any amounts owing after the due date thereof shall bear interest at the Prime Rate plus two percent (2%) from the date due until paid; *provided*, *however*, that the interest rate shall at no time exceed the maximum rate allowed by applicable law.

## **Section 10: SECURITY**

Unless Seller has adopted the creditworthiness warranties contained in Section 3.2.8, Seller must provide security (if requested by PacifiCorp) in the form of a cash escrow, letter of credit, senior lien, or step-in rights. Seller hereby elects to provide, in accordance with the applicable terms of this Section 10, the following security (Seller to initial one selection only):

	Cash Escrow
	Letter of Credit
	Senior Lien
X	_Step-in Rights
	Seller has adopted the Creditworthiness Warranties of Section 3.2.8

In the event Seller's obligation to post default security (under Section 10 or Section 11.1.4) arises solely from Seller's delinquent performance of construction-related financial obligations, upon Seller's request, PacifiCorp will excuse Seller from such obligation in the event Seller has negotiated financial arrangements with its construction lenders that mitigate Seller's financial risks to PacifiCorp's reasonable satisfaction.

# [SKIP THIS SECTION 10.1 UNLESS SELLER SELECTED CASH ESCROW ALTERNATIVE]

10.1 Cash Escrow Security. Seller shall deposit in an escrow account established by PacifiCorp in a banking institution acceptable to both Parties, the Default Security. Such sum shall earn interest at the rate applicable to money market deposits at such banking institution from time to time. To the extent PacifiCorp receives payment from the Default Security, Seller shall, within fifteen (15) days, restore the Default Security as if no such deduction had occurred.

# [SKIP THIS SECTION 10.2 UNLESS SELLER SELECTED LETTER OF CREDIT ALTERNATIVE]

10.2 Letter of Credit Security. Seller shall post and maintain in an amount equal to the Default Security: (a) a guaranty from a party that satisfies the Credit Requirements, in a form acceptable to PacifiCorp in its discretion, or (b) a Letter of Credit in favor of PacifiCorp. To the extent PacifiCorp receives payment from the Default Security, Seller shall, within fifteen (15) days, restore the Default Security as if no such deduction had occurred.

# [SKIP THIS SECTION 10.3 UNLESS SELLER SELECTED SENIOR LIEN ALTERNATIVE]

10.3 Senior Lien. Before the Scheduled Commercial Operation Date, Seller shall grant PacifiCorp a senior, unsubordinated lien on the Facility and its assets as security for performance

of this Agreement by executing, acknowledging and delivering a security agreement and a deed of trust or a mortgage, in a recordable form (each in a form satisfactory to PacifiCorp in the reasonable exercise of its discretion). Pending delivery of the senior lien to PacifiCorp, Seller shall not cause or permit the Facility or its assets to be burdened by liens or other encumbrances that would be superior to PacifiCorp's, other than workers', mechanics', suppliers' or similar liens, or tax liens, in each case arising in the ordinary course of business that are either not yet due and payable or that have been released by means of a performance bond posted within eight (8) calendar days of the commencement of any proceeding to foreclose the lien.

# [SKIP THIS SECTION 10.4 UNLESS SELLER SELECTED STEP-IN RIGHTS ALTERNATIVE]

- 10.4 Step-in Rights (Operation by PacifiCorp Following Event of Default of Seller).
  - 10.4.1 Prior to any termination of this Agreement due to an Event of Default of Seller, as identified in Section 11, PacifiCorp shall have the right, but not the obligation, to possess, assume control of, and operate the Facility as agent for Seller (in accordance with Seller's rights, obligations, and interest under this Agreement) during the period provided for herein. Seller shall not grant any person, other than the lending institution providing financing to the Seller for construction of the Facility ("Facility Lender"), a right to possess, assume control of, and operate the Facility that is equal to or superior to PacifiCorp's right under this Section 10.4.
  - 10.4.2 PacifiCorp shall give Seller ten (10) calendar days notice in advance of the contemplated exercise of PacifiCorp's rights under this Section 10.4. Upon such notice, Seller shall collect and have available at a convenient, central location at the Facility all documents, contracts, books, manuals, reports, and records required to construct, operate, and maintain the Facility in accordance with Prudent Electrical Practices. Upon such notice, PacifiCorp, its employees, contractors, or designated third parties shall have the unrestricted right to enter the Facility for the purpose of constructing and/or operating the Facility. Seller hereby irrevocably appoints PacifiCorp as Seller's attorney-in-fact for the exclusive purpose of executing such documents and taking such other actions as PacifiCorp may reasonably deem necessary or appropriate to exercise PacifiCorp's step-in rights under this Section 10.4.
  - 10.4.3 During any period that PacifiCorp is in possession of and constructing and/or operating the Facility, no proceeds or other monies attributed to operation of the Facility shall be remitted to or otherwise provided to the account of Seller until all Events of Default of Seller have been cured.
  - 10.4.4 During any period that PacifiCorp is in possession of and operating the Facility, Seller shall retain legal title to and ownership of the Facility and PacifiCorp shall assume possession, operation, and control solely as agent for Seller.

- (a) In the event PacifiCorp is in possession and control of the Facility for an interim period, Seller shall resume operation and PacifiCorp shall relinquish its right to operate when Seller demonstrates to PacifiCorp's reasonable satisfaction that it will remove those grounds that originally gave rise to PacifiCorp's right to operate the Facility, as provided above, in that Seller (i) will resume operation of the Facility in accordance with the provisions of this Agreement, and (ii) has cured any Events of Default of Seller which allowed PacifiCorp to exercise its rights under this Section 10.4.
- (b) In the event that PacifiCorp is in possession and control of the Facility for an interim period, the Facility Lender, or any nominee or transferee thereof, may foreclose and take possession of and operate the Facility and PacifiCorp shall relinquish its right to operate when the Facility Lender or any nominee or transferee thereof, requests such relinquishment.
- 10.4.5 PacifiCorp's exercise of its rights hereunder to possess and operate the Facility shall not be deemed an assumption by PacifiCorp of any liability attributable to Seller. If at any time after exercising its rights to take possession of and operate the Facility PacifiCorp elects to return such possession and operation to Seller, PacifiCorp shall provide Seller with at least fifteen (15) calendar days advance notice of the date PacifiCorp intends to return such possession and operation, and upon receipt of such notice Seller shall take all measures necessary to resume possession and operation of the Facility on such date.

## **Section 11: DEFAULTS AND REMEDIES**

- 11.1 Events of Default. The following events shall constitute defaults under this Agreement:
  - 11.1.1 <u>Breach of Material Term.</u> Failure of a Party to perform any material obligation imposed upon that Party by this Agreement (including but not limited to failure by Seller to meet any deadline set forth in Section 2) or breach by a Party of a representation or warranty set forth in this Agreement.
  - 11.1.2 <u>Default on Other Agreements</u>. Seller's failure to cure any default under any commercial or financing agreements or instrument (including the Generation Interconnection Agreement) within the time allowed for a cure under such agreement or instrument.
  - 11.1.3 <u>Insolvency</u>. A Party (a) makes an assignment for the benefit of its creditors; (b) files a petition or otherwise commences, authorizes or

acquiesces in the commencement of a proceeding or cause of action under any bankruptcy or similar law for the protection of creditors, or has such a petition filed against it and such petition is not withdrawn or dismissed within sixty (60) days after such filing; (c) becomes insolvent; or (d) is unable to pay its debts when due.

- 11.1.4 <u>Material Adverse Change</u>. A Material Adverse Change has occurred with respect to Seller and Seller fails to provide such performance assurances as are reasonably requested by PacifiCorp, including without limitation the posting of additional Default Security, within thirty (30) days from the date of such request;
- 11.1.5 <u>Failure to Meet Scheduled Commercial Operation Date</u>. Seller's failure to achieve the Commercial Operation Date by the Scheduled Commercial Operation Date.
- 11.1.6 Failure to Meet Mechanical Availability Guarantee. Seller's failure to the Mechanical Availability Guarantee for two (2) consecutive years if such failure is not otherwise excused under this Agreement.
- 11.2 Notice; Opportunity to Cure.
  - 11.2.1 <u>Notice</u>. In the event of any default hereunder, the non-defaulting Party must notify the defaulting Party in writing of the circumstances indicating the default and outlining the requirements to cure the default.
  - 11.2.2 Opportunity to Cure. A Party defaulting under Section 11.1.1 shall have thirty (30) days to cure after receipt of proper notice from the non-defaulting Party. This thirty (30) day period shall be extended by an additional ninety (90) days if (a) the failure cannot reasonably be cured within the thirty (30) day period despite diligent efforts, (b) the default is capable of being cured within the additional ninety (90) day period, and (c) the defaulting Party commences the cure within the original thirty (30) day period and is at all times thereafter diligently and continuously proceeding to cure the failure. If Seller defaults under Section 11.1.5, Seller shall have one (1) year in which to cure the default during which time Seller shall pay PacifiCorp damages as provided for in Section 11.4.2.
  - 11.2.3 <u>Seller Default Under Other Agreements</u>. Seller shall cause any notices of default under any of its commercial or financing agreements or instruments to be sent by the other party to such agreements or instruments, or immediately forwarded, to PacifiCorp as a notice in accordance with Section 23.
  - 11.2.4 <u>Seller Delinquent on Construction-related Financial Obligations</u>. Seller promptly shall notify PacifiCorp (or cause PacifiCorp to be notified) anytime it becomes delinquent under any construction related financing

agreement or instrument related to the Facility. Such delinquency may constitute a Material Adverse Change, subject to Section 11.1.4.

### 11.3 Termination.

- 11.3.1 Notice of Termination. If a default described herein has not been cured within the prescribed time, above, the non-defaulting Party may terminate this Agreement at its sole discretion by delivering written notice to the other Party and may pursue any and all legal or equitable remedies provided by law or pursuant to this Agreement. Subject to the one (1) year cure period in Section 11.2.2, PacifiCorp may terminate the Agreement for a default under Section 11.1.5 regardless of PacifiCorp's resource sufficiency/deficiency position. The rights provided in Section 10 and this Section 11 are cumulative such that the exercise of one or more rights shall not constitute a waiver of any other rights. Further, the Parties may by mutual written agreement amend this Agreement in lieu of a Party's exercise of its right to terminate.
- 11.3.2 In the event this Agreement is terminated because of Seller's default and Seller wishes to again sell Net Output to PacifiCorp following such termination, PacifiCorp in its sole discretion may require that Seller shall do so subject to the terms of this Agreement, including but not limited to the Contract Price, until the Termination Date (as set forth in Section 2.4). At such time Seller and PacifiCorp agree to execute a written document ratifying the terms of this Agreement.
- 11.3.3 <u>Damages</u>. If this Agreement is terminated as a result of Seller's default, Seller shall pay PacifiCorp the positive difference, if any, obtained by subtracting the Contract Price from the Replacement Price for the Average Annual Generation that Seller was otherwise obligated to provide at the Mechanical Availability Guarantee for a period of twenty-four (24) months from the date of termination, plus any cost incurred for transmission purchased to deliver the replacement power to the Point of Delivery, plus the estimated administrative cost to the utility to acquire replacement power. Amounts owed by Seller pursuant to this paragraph shall be due within five (5) business days after any invoice from PacifiCorp for the same.
- 11.3.4 If this Agreement is terminated because of Seller's default, PacifiCorp may foreclose upon any security provided pursuant to Section 10 to satisfy any amounts that Seller owes PacifiCorp arising from such default.

### 11.4 Damages.

11.4.1 <u>Failure to Meet Mechanical Availability Guarantee</u>. Liquidated damages for Seller's failure to meet the Mechanical Availability Guarantee shall be calculated as follows: (i) the "**Shortfall**" shall be 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 Mechanical Availability Guarantee for the Contract Year and the actual Net Output provided by the Seller for the Contract Year; (ii) multiply the Shortfall by the positive difference, if any, obtained by subtracting the Contract Price applicable to the period of Shortfall from the Replacement Price at which PacifiCorp purchases replacement power; and (iii) add any reasonable costs incurred by PacifiCorp to purchase replacement power and additional transmission costs to deliver replacement power to the Point of Delivery, if any.

11.4.2 <u>Failure to Deliver Net Output</u>. In the event Seller defaults under Subsection 11.1.5, then Seller shall pay PacifiCorp the positive difference, if any, obtained by subtracting the Contract Price from the Replacement Price during the period of default; *provided, however*, that the positive difference obtained by subtracting the Contract Price from the Replacement Price shall not exceed the Contract Price, and the period of default under this Section 11.4.2 shall not exceed one (1) year.

## 11.4.3 Recoupment of Damages.

- (a) <u>Default Security Available</u>. If Seller has posted Default Security, PacifiCorp may draw upon that security to satisfy any damages, above.
- (b) <u>Default Security Unavailable</u>. If Seller has not posted Default Security, or if PacifiCorp has exhausted the Default Security, PacifiCorp may collect any remaining amount owing by partially withholding future payments to Seller over a reasonable period of time, which period shall not be less than the period over which the default occurred. PacifiCorp and Seller shall work together in good faith to establish the period, and monthly amounts, of such withholding so as to avoid Seller's default on its commercial or financing agreements necessary for its continued operation of the Facility.

## Section 12: INDEMNIFICATION AND LIABILITY

### 12.1 Indemnities.

12.1.1 <u>Indemnity by Seller</u>. Seller shall release, indemnify and hold harmless PacifiCorp, its directors, officers, agents, and representatives against and from any and all loss, fines, penalties, claims, actions or suits, including costs and attorney's fees, both at trial and on appeal, resulting from, or arising out of or in any way connected with (a) the energy delivered by Seller under this Agreement to and at the Point of Delivery, (b) any

facilities on Seller's side of the Point of Delivery, (c) Seller's operation and/or maintenance of the Facility, or (d) arising from this Agreement, including without limitation any loss, claim, action or suit, for or on account of injury, bodily or otherwise, to, or death of, persons, or for damage to, or destruction or economic loss of property belonging to PacifiCorp, Seller or others, excepting only such loss, claim, action or suit as may be caused solely by the fault or gross negligence of PacifiCorp, its directors, officers, employees, agents or representatives.

- 12.1.2 Indemnity by PacifiCorp. PacifiCorp shall release, indemnify and hold harmless Seller, its directors, officers, agents, Lenders and representatives against and from any and all loss, fines, penalties, claims, actions or suits, including costs and attorney's fees, both at trial and on appeal, resulting from, or arising out of or in any way connected with the energy delivered by Seller under this Agreement after the Point of Delivery, including without limitation any loss, claim, action or suit, for or on account of injury, bodily or otherwise, to, or death of, persons, or for damage to, or destruction or economic loss of property, excepting only such loss, claim, action or suit as may be caused solely by the fault or gross negligence of directors, officers, employees, its agents, Lenders representatives.
- 12.2 No Dedication. Nothing in this Agreement shall be construed to create any duty to, any standard of care with reference to, or any liability to any person not a Party to this Agreement. No undertaking by one Party to the other under any provision of this Agreement shall constitute the dedication of that Party's system or any portion thereof to the other Party or to the public, nor affect the status of PacifiCorp as an independent public utility corporation or Seller as an independent individual or entity.
- 12.3 No Consequential Damages. Except to the extent such damages are included in the liquidated damages, delay damages, cost to cover damages or other specified measure of damages expressly provided for in this Agreement, neither Party shall be liable to the other Party for special, punitive, indirect, exemplary or consequential damages, whether such damages are allowed or provided by contract, tort (including negligence), strict liability, statute or otherwise.

### Section 13: INSURANCE (FACILITIES OVER 200KW ONLY)

13.1 <u>Certificates</u>. Prior to connection of the Facility to PacifiCorp's electric system, or another utility's electric system if delivery to PacifiCorp is to be accomplished by wheeling, Seller shall secure and continuously carry insurance in compliance with the requirements of this Section. Seller shall provide PacifiCorp insurance certificate(s) (of "ACORD Form" or the equivalent) certifying Seller's compliance with the insurance requirements hereunder. Commercial General Liability coverage written on a "claims-made" basis, if any, shall be specifically identified on the certificate. If requested by PacifiCorp, a copy of each insurance policy, certified as a true copy by an authorized representative of the issuing insurance company, shall be furnished to PacifiCorp.

- 13.2 <u>Required Policies and Coverages</u>. Without limiting any liabilities or any other obligations of Seller under this Agreement, Seller shall secure and continuously carry with an insurance company or companies rated not lower than "B+" by the A.M. Best Company the insurance coverage specified below:
  - 13.2.1 Commercial General Liability insurance, to include contractual liability, with a minimum single limit of \$1,000,000 to protect against and from all loss by reason of injury to persons or damage to property based upon and arising out of the activity under this Agreement.
  - 13.2.2 All Risk Property insurance providing coverage in an amount at least equal to the full replacement value of the Facility against "all risks" of physical loss or damage, including coverage for earth movement, flood, and boiler and machinery. The Risk policy may contain separate sublimits and deductibles subject to insurance company underwriting guidelines. The Risk Policy will be maintained in accordance with terms available in the insurance market for similar facilities.
- 13.3 The Commercial General Liability policy required herein shall include i) provisions or endorsements naming PacifiCorp, its Board of Directors, Officers and employees as additional insureds, and ii) cross liability coverage so that the insurance applies separately to each insured against whom claim is made or suit is brought, even in instances where one insured claims against or sues another insured.
- 13.4 All liability policies required by this Agreement shall include provisions that such insurance is primary insurance with respect to the interests of PacifiCorp and that any other insurance maintained by PacifiCorp is excess and not contributory insurance with the insurance required hereunder, and provisions that such policies shall not be canceled or their limits of liability reduced without 1) ten (10) days prior written notice to PacifiCorp if canceled for nonpayment of premium, or 2) thirty (30) days prior written notice to PacifiCorp if canceled for any other reason.
- 13.5 Insurance coverage provided on a "claims-made" basis shall be maintained by Seller for a minimum period of five (5) years after the completion of this Agreement and for such other length of time necessary to cover liabilities arising out of the activities under this Agreement.

# **Section 14: FORCE MAJEURE**

14.1 As used in this Agreement, "Force Majeure" or "an event of Force Majeure" means any cause beyond the reasonable control of the Seller or of PacifiCorp which, despite the exercise of due diligence, such Party is unable to prevent or overcome. By way of example, Force Majeure may include but is not limited to acts of God, fire, flood, storms, wars, hostilities, civil strife, strikes, and other labor disturbances, earthquakes, fires, lightning, epidemics, sabotage, restraint by court order or other delay or failure in the performance as a result of any action or inaction on behalf of a public authority which by the exercise of reasonable foresight

such Party could not reasonably have been expected to avoid and by the exercise of due diligence, it shall be unable to overcome, subject, in each case, to the requirements of the first sentence of this paragraph. Force Majeure, however, specifically excludes the cost or availability of fuel or motive force resources to operate the Facility or changes in market conditions that affect the price of energy or transmission. If either Party is rendered wholly or in part unable to perform its obligation under this Agreement because of an event of Force Majeure, that Party shall be excused from whatever performance is affected by the event of Force Majeure to the extent and for the duration of the event of Force Majeure, after which such Party shall recommence performance of such obligation, provided that:

- 14.1.1 the non-performing Party, shall, within two (2) weeks after the occurrence of the Force Majeure, give the other Party written notice describing the particulars of the occurrence; and
- 14.1.2 the suspension of performance shall be of no greater scope and of no longer duration than is required by the event of Force Majeure; and
- 14.1.3 the non-performing Party uses its best efforts to remedy its inability to perform.
- 14.2 No obligations of either Party which arose before the Force Majeure causing the suspension of performance shall be excused as a result of the event of Force Majeure.
- 14.3 Neither Party shall be required to settle any strike, walkout, lockout or other labor dispute on terms which, in the sole judgment of the Party involved in the dispute, are contrary to the Party's best interests.
- 14.4 PacifiCorp may terminate the Agreement if Seller fails to remedy Seller's inability to perform, due to an event of Force Majeure, within six months after the occurrence of the event.

# **Section 15: SEVERAL OBLIGATIONS**

Nothing contained in this Agreement shall ever be construed to create an association, trust, partnership or joint venture or to impose a trust or partnership duty, obligation or liability between the Parties. If Seller includes two or more parties, each such party shall be jointly and severally liable for Seller's obligations under this Agreement.

# Section 16: CHOICE OF LAW

This Agreement shall be interpreted and enforced in accordance with the laws of the State of Oregon, excluding any choice of law rules which may direct the application of the laws of another jurisdiction.

# Section 17: PARTIAL INVALIDITY

It is not the intention of the Parties to violate any laws governing the subject matter of this Agreement. If any of the terms of the Agreement are finally held or determined to be invalid, illegal or void as being contrary to any applicable law or public policy, all other terms of the Agreement shall remain in effect. If any terms are finally held or determined to be invalid, illegal or void, the Parties shall enter into negotiations concerning the terms affected by such decision for the purpose of achieving conformity with requirements of any applicable law and the intent of the Parties to this Agreement.

# **Section 18: WAIVER**

Any waiver at any time by either Party of its rights with respect to a default under this Agreement or with respect to any other matters arising in connection with this Agreement must be in writing, and such waiver shall not be deemed a waiver with respect to any subsequent default or other matter.

# Section 19: GOVERNMENTAL JURISDICTIONS AND AUTHORIZATIONS

This Agreement is subject to the jurisdiction of those governmental agencies having control over either Party or this Agreement. Seller shall at all times maintain in effect all local, state and federal licenses, permits and other approvals as then may be required by law for the construction, operation and maintenance of the Facility, and shall provide upon request copies of the same to PacifiCorp.

# Section 20: REPEAL OF PURPA

This Agreement shall not terminate upon the repeal of the PURPA, unless such termination is mandated by federal or state law.

### Section 21: <u>SUCCESSORS AND ASSIGNS</u>

This Agreement and all of the terms hereof shall be binding upon and inure to the benefit of the respective successors and assigns of the Parties. No assignment hereof by either Party shall become effective without the written consent of the other Party being first obtained and such consent shall not be unreasonably withheld, conditioned or delayed. Notwithstanding the foregoing, either Party may assign this Agreement without the other Party's consent to a lender as part of a financing transaction or as part of (a) a sale of all or substantially all of the assigning Party's assets, or (b) a merger, consolidation or other reorganization of the assigning Party.

# Section 22: ENTIRE AGREEMENT

- 22.1 This Agreement supersedes all prior agreements, proposals, representations, negotiations, discussions or letters, whether oral or in writing, regarding PacifiCorp's purchase of Net Output from the Facility. No modification of this Agreement shall be effective unless it is in writing and signed by both Parties.
- 22.2 By executing this Agreement, Seller releases PacifiCorp from any claims, known or unknown, that may have arisen prior to the Effective Date.

# **Section 23: NOTICES**

23.1 All notices except as otherwise provided in this Agreement shall be in writing, shall be directed as follows and shall be considered delivered if delivered in person or when deposited in the U.S. Mail, postage prepaid by certified or registered mail and return receipt requested.

Notices	PacifiCorp	Seller
All Notices	PacifiCorp 825 NE Multnomah Street Portland, OR 97232 Attn: Contract Administration, Suite 600 Phone: (503) 813 - 5380 Facsimile: (503) 813 - 6291 Duns: 00-790-9013 Federal Tax ID Number: 93-0246090	Mr. John Brown 8030 Companies, Inc. 855 13 <sup>th</sup> Street Boulder, Colorado 8032 Phone: 303.818.2703 Facsimile: 303.818.0077 Email: johnmbrown@8030companies.com Duns: 068695017 Federal Tax ID Number: 27-5004692
	Email: cntadmin@PacifiCorp.com	With copies to: Mauri Miller Oregon Windfarms, LLC 3145 Geary Blvd., #723 San Francisco, CA 94118  Phone: 415-289-0715 Cell: 415-244-6592 cell Email: mauri@envisionwind.com
All Invoices:	(same as street address above) Attn: Back Office, Suite 700 Phone: (503) 813 - 5578 Facsimile: (503) 813 - 5580	(same as above)
Scheduling:	(same as street address above) Attn: Resource Planning, Suite 600 Phone: (503) 813 - 6090 Facsimile: (503) 813 - 6265	(same as above)
Payments:	(same as street address above) Attn: Back Office, Suite 700 Phone: (503) 813 - 5578	(same as above)

Facsimile: (503) 813 - 5580

Wire Transfer:

Bank One N.A.

(same as above)

ABA:

ACCT:

NAME: PacifiCorp Wholesale

Credit and

(same as street address above)

(same as above)

Collections

Atm: Credit Manager, Suite 700 Phone: (503) 813 - 5684

Facsimile: (503) 813 - 5609

With Additional

(same as street address above)

(same as above)

Notices of an Event of Default or Potential

PacifiCorp Legal Department, Suite 1800

Event of Default to:

Attn: Assistant General Counsel Facsimile (503) 813-6761

23.2 The Parties may change the person to whom such notices are addressed, or their addresses, by providing written notices thereof in accordance with this Section 23.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed in their respective names as of the date first above written.

**PacifiCorp** 

Name: Brace Griswold

Title: Director, Short-term Origination

and OF Contracts

Name:

Date: 6/30 16

### **EXHIBIT A**

# DESCRIPTION OF SELLER'S FACILITY [Seller to Complete]

Seller's Facility consists of Five (5) generators manufactured by General Electric. More specifically, each generator at the Facility is described as:

Type (synchronous or inductive): Inductive

Model: GE 2.0-116 Number of Phases:

Rated Output (kW): 2000 Rated Output (kVA): 2105

Rated Voltage (line to line): 690

Rated Current (A): Stator: 1900 A; Rotor: 750 A

Maximum kW Output: 2,000 kW Maximum kVA Output: 2105 kVA

Minimum kW Output: 0 kW

Manufacturer's Guaranteed Cut-in Wind Speed [if applicable]:

Facility Capacity Rating: 10,000 kW

Identify the maximum output of the generator(s) and describe any differences between that output and the Nameplate Capacity Rating:

Station service requirements, and other loads served by the Facility, if any, are described as follows: Station service requirements are estimated to be 200,000 kWh annually, depending on conditions at the site of the Facility. Seller has not yet made final arrangements for station service. Seller will discuss options with PacifiCorp, Umatilla Electric Cooperative and Columbia Basin Electric Cooperative

**Location of the Facility**: The Facility is to be constructed in the vicinity of Hinkle in Umatilla and Morrow Counties, Oregon. The location is more particularly described as follows:

The location of the Facility will be T1N R27E S19 and S30. See attached Map in Exhibit A-1.

The Facility will be allowed to relocate to the following alternate locations due to any location constraints:

T1N R26E S2,3,4,8,9,10,11,13,14,15,23,24
T1N P27E S1 2 3 4 8 0 10 11 12 13 16 17 18

T1N R27E S1,2,3,4,8,9,10,11,12,13,16,17,18,20,21,22,29,31,32

T1N R28E S6,7,8,17,18,19,20

T2N R26E S2,3,5,9,10,11,14,15,16,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35

T2N R27E S3,4,5,6,7,8,9,10,15,16,17,18,19,20,21

T3N R26E S33,34,35,36

T3N R27E S31.32

The relocation will be allowed for each project subject to the following conditions:

1. the QF remains eligible under Schedule 37

- 2. the point of delivery does not change
- 3. Project location meets all FERC and Oregon Commission restrictions on distance between QF projects.

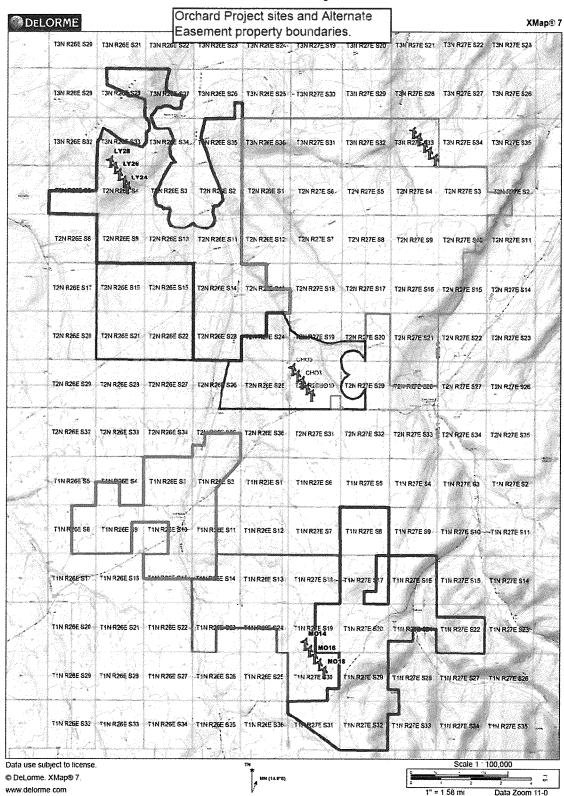
# Power factor requirements:

Rated Power Factor (PF) or reactive load (kVAR): +/- 0.95

Unit Specification Notes: Seller has elected to install five General Electric 2.0-116 wind turbines and has estimated the Average Annual Generation based on data available as of the Effective Date. Seller may change the Average Annual Generation at any time prior to the Operation Date to reflect data available as of the date of the change. In addition, Seller may request that PacifiCorp allow Seller to substitute different wind turbines. Along with such request, Seller shall promptly deliver to PacifiCorp all relevant information regarding such turbines (including the number of turbines, cut-in wind speed, Facility Capacity Rating, assumed ambient conditions at Facility Capacity Rating, power factor requirements, unit specifications shown in Exhibit A-2, Exhibit D-1, Exhibit D-2, the Average Annual Generation, Seller's estimate of average annual Net Energy as set forth in Recital D, and any other wind turbine specific information in this Agreement).

Upon the written consent of PacifiCorp to such selection (which shall not be unreasonably withheld, delayed or conditioned), this Agreement shall be deemed amended as necessary to account for such new selection including changes to the number of turbines, cut-in wind speed, Facility Capacity Rating, Average Annual Generation and expected delivery volumes, but not changes to the Scheduled Initial Delivery Date or the Scheduled Commercial Operation Date. All necessary changes shall be documented in an amendment within two weeks of such written consent. Seller acknowledges that it may require a separate consent from PacifiCorp Transmission to change its turbine specifications for the Facility.

Exhibit A-1 Site Map



# EXHIBIT B SELLER'S INTERCONNECTION FACILITIES

[Seller to provide its own diagram and description]

# POINT OF DELIVERY / SELLER'S INTERCONNECTION FACILITIES

# Instructions to Seller:

- 1. Include description of point of metering, and Point of Delivery
  - a. The Point of Delivery is at 69 kV busbar at PacifiCorp's Hinkle substation. The points of metering are described in Addendum L. Meters are installed at both the Facility and the Hinkle substation to account for line losses, transformation losses, and station service as described in Addendum L.
- 2. Provide interconnection single line drawing of Facility including any transmission facilities on Seller's side of the Point of Delivery.
  - a. A one-line diagram of the Facility follows this page. On sheet 1 of 4 of the attached one-line diagram there is a line to LOCAL DISTRIBUTION SERVICE. This line shall not be energized unless the transmission path from the Facility wind turbines to the Point of Delivery is not energized.

### **EXHIBIT C**

# REQUIRED FACILITY DOCUMENTS

# REQUIRED OF ALL FACILITIES:

QF Certification

Interconnection Agreement

Fuel Supply Agreement, if applicable

# REQUIRED IF SELLER ELECTS TO GRANT SENIOR LIEN OR STEP-IN RIGHTS:

Deed or Lease to Facility Premises

Preliminary Title Report of Premises

Proof of ownership of Facility

Off-take sale agreements, e.g. surplus heat sale contract, if applicable

Depending upon the type of Facility and its specific characteristics, additional Required Facility Documents may be requested.

# OTHER REQUIRED FACILITY DOCUMENTS

Addendum A

Addendum B

Addendum L

Oregon Financing Statement, if any

**FAA Permits** 

Building Permit, if any

Conditional Use Permit, if any

Land Use Permit, if any

Memorandum of PPA, if any

Subeasement to Facility Premises in lieu of Deed or Lease or other real property rights

documentation

# EXHIBIT D-1 SELLER'S MOTIVE FORCE PLAN

# A. MONTHLY DELIVERY SCHEDULES AND SCHEDULED MAINTENANCE

Month	Average Energy (kWh)	
January	2,155,383	
February	1,506,171	
March	2,756,990	
April	3,248,168	
May	2,962,549	
June	3,229,156	
July	2,777,157	
August	2,835,453	
September	2,032,221	
October	1,838,022	
November	1,669,966	
December	1,832,266	

Seller to provide an estimate of the average monthly Net Output of the Facility, and explain the basis for the estimate.

See Exhibit D-2 Motive Force Plan.

### **EXHIBIT D-2**

# ENGINEER'S CERTIFICATION OF MOTIVE FORCE PLAN

# RAM Associates

Resource Assessment & Micrositina



### Certification of Orchard Windfarm 4, LLC

By Jack Kline, CCM RAM Associates Brentwood, CA

March 25, 2016

### **Project Description**

The Orchard Windfarm 4 is comprised of five GE 2.0-116 wind turbines, each having a rated power of 2.0 MW and a hub height of 80 m AGL. The sites are designated as LY24 through LY28 and are located in Section 4 of Twp 2N, Rng 26E in Morrow County, Oregon. Other similar wind farms have been developed on neighboring parcels of land in the same area.

### **Wind Resource**

Wind resource data has been collected at a number of anemometer towers across the project site. The data have been correlated to a long term reference MERRA node, located approximately 12 miles southeast of the project site, and long-term mean wind speeds have been estimated at the anemometer tower sites. Terrain modeling of the wind resource has been performed to determine the long-term mean wind speeds at the hub height level of each turbine site.

### **Turbine Energy Estimates**

The on-site wind data and individual turbine wind speed estimates have been used in conjunction with the power curve for the GE 2.0-116 (appropriate for the air density at the site) to calculate long-term mean gross energy for each turbine site in the project. Loss factors have been applied to produce net energy for each turbine. Losses for high-speed hysteresis stop/restart and array losses (considering all turbines that will be erected at the site) and icing losses were calculated and all other losses were assumed, based on typical values currently used in the wind industry. After applying these loss factors the combined long-term average net energy for the four turbines has been calculated. The uncertainty in project output has been evaluated and the output is certified to be 28,844,000 kWh/year at the P90 level.

1632 Cipriani Place Brentwood, CA 94513

Jack Sto

Ph. 925-240-7855

### **EXHIBIT E**

### START-UP TESTING

Required factory testing includes such checks and tests necessary to determine that the equipment systems and subsystems have been properly manufactured and installed, function properly, and are in a condition to permit safe and efficient start-up of the Facility, which may include but are not limited to (as applicable): [Seller identify appropriate tests]

- 1. Pressure tests of all steam system equipment;
- 2. Calibration of all pressure, level, flow, temperature and monitoring instruments;
- 3. Operating tests of all valves, operators, motor starters and motor;
- 4. Alarms, signals, and fail-safe or system shutdown control tests;
- 5. Insulation resistance and point-to-point continuity tests;
- 6. Bench tests of all protective devices;
- 7. Tests required by manufacturer of equipment; and
- 8. Complete pre-parallel checks with PacifiCorp.

Required start-up tests are those checks and tests necessary to determine that all features and equipment, systems, and subsystems have been properly designed, manufactured, installed and adjusted, function properly, and are capable of operating simultaneously in such condition that the Facility is capable of continuous delivery into PacifiCorp's electrical system, which may include but are not limited to (as applicable):

- 1. Turbine/generator mechanical runs including shaft, vibration, and bearing temperature measurements;
- 2. Running tests to establish tolerances and inspections for final adjustment of bearings, shaft run-outs;
- 3. Brake tests:
- 4. Energization of transformers;
- 5. Synchronizing tests (manual and auto);
- 6. Stator windings dielectric test;
- 7. Armature and field windings resistance tests;
- 8. Load rejection tests in incremental stages from 5, 25, 50, 75 and 100 percent load;
- 9. Heat runs:
- 10. Tests required by manufacturer of equipment;
- 11. Excitation and voltage regulation operation tests;
- 12. Open circuit and short circuit; saturation tests;
- 13. Governor system steady state stability test;
- 14. Phase angle and magnitude of all PT and CT secondary voltages and currents to protective relays, indicating instruments and metering;
- 15. Auto stop/start sequence;
- 16. Level control system tests; and
- 17. Completion of all state and federal environmental testing requirements.

### **EXHIBIT F**

## Oregon Windfarms, LLC

3145 Geary Blvd., #723 San Francisco, CA 94118

### **Customer Authorization to Release Generation Data**

February 17, 2016

PacifiCorp Transmission Attention: Director, Transmission Services 825 NE Multnomah, Suite 1600 Portland, Oregon 97232

RE: Voluntary Consent Form

Dear PacifiCorp Transmission:

Oregon Windfarms, LLC, on behalf of four to-be-formed or acquired entities as interconnection customers, hereby voluntarily authorizes PacifiCorp Transmission to share generator interconnection information and generator meter data with Marketing Affiliate employees of PacifiCorp Energy Supply Management, including, but not limited to those in the PacifiCorp's Market Affiliate group, with respect to the interconnection applications Q0650 through Q0653.

**Oregon Windfarms, LLC** acknowledges that PacifiCorp did not provide it any preferences, either operational or rate-related, in exchange for this voluntary consent.

Name: Maurice Miller, Manager

10-12 Mill

Date: February 17, 2016

8030 Companies applied for four 10 MW PPAs on behalf of four to-be-formed or acquired entities on September 18, 2015 with PacifiCorp Energy Supply Management. The entities executing the PPAs will become the interconnection customers under applications Q0650 through Q0653. 8030 Companies agrees to this Voluntary Consent.

Name: John Brown, Manager

Date: February 17, 2016

EXHIBIT G
SCHEDULE 37 AND PRICING SUMMARY TABLE
Shown in \$ per megawatt-hour

Year	On-Peak	Off-Peak
2019	32.60	24.50
2020	35.30	26.40
2021	38.10	28.80
2022	41.00	31.40
2023	44.10	33.80
2024	86.70	67.30
2025	88.30	69.20
2026	89.30	71.80
2027	90.90	73.70
2028	92.40	75.70
2029	94.00	77.60
2030	95.50	79.60
2031	96.70	82.20
2032	99.00	83.70
2033	100.10	86.70
2034	101.30	89.70
From the day in year 2033 or 2034 that is 15 years after the Scheduled Initial Delivery Date until the Termination Date	Price prescribed by Section 5.3 of this Agreement	

Note

Scheduled Initial Delivery Date is October 1, 2019 Scheduled Commercial Operation Date is October 1, 2020

Schedule 37 prices effective June 25, 2015

# OREGON SCHEDULE 37

# AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

Page 1

#### **Available**

To owners of Qualifying Facilities making sales of electricity to the Company in the State of Oregon.

### **Applicable**

For power purchased from Qualifying Facilities with a nameplate capacity of 10,000 kW or less or that, together with any other electric generating facility using the same motive force, owned or controlled by the same person(s) or affiliated person(s), and located at the same site, has a nameplate capacity of 10,000 kW or less. Owners of these Qualifying Facilities will be required to enter into a written power sales contract with the Company.

#### **Definitions**

### **Cogeneration Facility**

A facility which produces electric energy together with steam or other form of useful energy (such as heat) which are used for industrial, commercial, heating or cooling purposes through the sequential use of energy.

### **Qualifying Facilities**

Qualifying cogeneration facilities or qualifying small power production facilities within the meaning of section 201 and 210 of the Public Utility Regulatory Policies Act of 1978 (PURPA), 16 U.S.C. 796 and 824a-3.

### **Qualifying Electricity**

Electricity that meets the requirements of "qualifying electricity" set forth in the Oregon Renewable Portfolio Standards: ORS 469A.010, 469A.020, and 469A.025.

### **Renewable Qualifying Facility**

A Qualifying Facility that generates Qualifying Electricity.

### Wind Qualifying Facility

A Renewable Qualifying Facility that generates Qualifying Electricity using wind as its motive force.

### **Baseload Renewable Qualifying Facility**

A Renewable Qualifying Facility that generates Qualifying Electricity using any qualifying resource other than wind or solar.

### **Small Power Production Facility**

A facility which produces electric energy using as a primary energy source biomass, waste, renewable resources or any combination thereof and has a power production capacity which, together with other facilities located at the same site, is not greater than 80 megawatts.

### **On-Peak Hours or Peak Hours**

On-Peak hours are defined as 6:00 a.m. to 10:00 p.m. Pacific Prevailing Time Monday through Saturday, excluding NERC holidays.

Due to the expansions of Daylight Saving Time (DST) as adopted under Section 110 of the U.S. Energy Policy Act of 2005, the time periods shown above will begin and end one hour later for the period between the second Sunday in March and the first Sunday in April and for the period between the last Sunday in October and the first Sunday in November.

(continued)

# **OREGON**SCHEDULE 37

# AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

Page 2

### **Definitions (continued)**

### **Off-Peak Hours**

All hours other than On-Peak.

### **Excess Output**

Excess Output shall mean any increment of Net Output delivered at a rate, on an hourly basis, exceeding the Facility Nameplate Capacity. PacifiCorp shall pay Seller the Off-Peak Price as described and calculated under pricing option 4 (Non-Firm Market Index Avoided Cost Price) for all Excess Output.

### Same Site

Generating facilities are considered to be located at the same site as the QF for which qualification for the standard rates and standard contract is sought if they are located within a five-mile radius of any generating facilities or equipment providing fuel or motive force associated with the QF for which qualification for the standard rates and standard contract is sought.

## Person(s) or Affiliated Person(s)

A natural person or persons or any legal entity or entities sharing common ownership, management or acting jointly or in concert with or exercising influence over the policies or actions of another person or entity. Two facilities will not be held to be owned or controlled by the same person(s) or affiliated person(s) solely because they are developed by a single entity. Two facilities will not be held to be owned or controlled by the same person(s) or affiliated person(s) if such common person or persons is a "passive investor" whose ownership interest in the QF is primarily related to utilizing production tax credits, green tag values and MACRS depreciation as the primary ownership benefit and the facilities at issue are independent family-owned or community-based projects. A unit of Oregon local government may also be a "passive investor" in a community-based project if the local governmental unit demonstrates that it will not have an equity ownership interest in or exercise any control over the management of the QF and that its only interest is a share of the cash flow from the QF, which share will not exceed 20%. The 20% cash flow share limit may only be exceeded for good cause shown and only with the prior approval of the Commission.

### **Shared Interconnection and Infrastructure**

QFs otherwise meeting the separate ownership test and thereby qualified for entitlement to the standard rates and standard contract will not be disqualified by utilizing an interconnection or other infrastructure not providing motive force or fuel that is shared with other QFs qualifying for the standard rates and standard contract so long as the use of the shared interconnection complies with the interconnecting utility's safety and reliability standards, interconnection contract requirements and Prudent Electrical Practices as that term is defined in the interconnecting utility's approved standard contract.

### **Dispute Resolution**

Upon request, the QF will provide the purchasing utility with documentation verifying the ownership, management and financial structure of the QF in reasonably sufficient detail to allow the utility to make an initial determination of whether or not the QF meets the above-described criteria for entitlement to the standard rates and standard contract.

(continued)

## AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

Page 3

## **Dispute Resolution (continued)**

Any dispute concerning a QF's entitlement to the standard rates and standard contract shall be presented to the Commission for resolution.

## **Self Supply Option**

Owner shall elect to sell all Net Output to PacifiCorp and purchase its full electric requirements from PacifiCorp or sell Net Output surplus to its needs at the Facility site to PacifiCorp and purchase partial electric requirements service from PacifiCorp, in accordance with the terms and conditions of the power purchase agreement and the appropriate retail service.

## **Pricing Options**

#### 1. Standard Fixed Avoided Cost Prices

Prices are fixed at the time that the contract is signed by both the Qualifying Facility and the Company and will not change during the term of the contract. Standard Fixed Avoided Cost Prices are available for a contract term of up to 15 years and prices under a longer term contract (up to 20 years) will thereafter be under the Firm Market Indexed Avoided Cost Price, The Standard Fixed Avoided Cost pricing option is available to all Qualifying Facilities. The Standard Fixed Avoided Cost Price for Wind Qualifying Facilities will reflect integration costs as set forth on page 5.

#### 2. Renewable Fixed Avoided Cost Prices

Prices are fixed at the time that the contract is signed by both the Renewable Qualifying Facility and the Company and will not change during the term of the contract. Renewable Fixed Avoided Cost Prices are available for a contract term of up to 15 years and prices under a longer term contract (up to 20 years) will thereafter be under the Firm Market Indexed Avoided Cost Price. The Renewable Fixed Avoided Cost pricing option is available only to Renewable Qualifying Facilities. A Renewable Qualifying Facility choosing the Renewable Fixed Avoided Cost pricing option must cede all Green Tags generated by the facility, as defined in the standard contract, to the Company during the Renewable Resource Deficiency Period identified on page 6, except that a Renewable Qualifying Facility retains ownership of all Environmental Attributes generated by the facility, as defined in the standard contract, during the Renewable Resource Sufficiency Period identified on page 6 and during any period after the first 15 years of a longer term contract (up to 20 years).

#### 3. Firm Market Indexed Avoided Cost Prices

Firm Market Index Avoided Cost Prices are available to Qualifying Facilities that contract to deliver firm power. Monthly on-peak / off-peak prices paid are a blending of Intercontinental Exchange (ICE) Day Ahead Power Price Report at market hubs for on-peak and off-peak prices. The monthly blending matrix is available upon request.

#### 4. Non-Firm Market Index Avoided Cost Prices

Non-Firm Market Index Avoided Cost Prices are available to Qualifying Facilities that do not elect to provide firm power. Qualifying Facilities taking this option will have contracts that do not include minimum delivery requirements, default damages for construction delay or, for under delivery or early termination, or default security for these purposes. Monthly On-Peak / Off-Peak prices paid are 93 percent of a blending of ICE Day Ahead Power Price Report at market hubs for on-peak and off-peak firm index prices. The monthly blending matrix is available upon request. The Non-Firm Market Index Avoided Cost pricing option is available to all Qualifying Facilities. The Non-Firm Market Index Avoided Cost Price for Wind Qualifying Facilities will reflect integration costs.



# AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

Page 4

## **Monthly Payments**

A Qualifying Facility shall select the option of payment at the time of signing the contract under one of the Pricing Options specified above. Once an option is selected the option will remain in effect for the duration of the Facility's contract.

### Renewable or Standard Fixed Avoided Cost Prices

In accordance with the terms of a contract with a Qualifying Facility, the Company shall pay for all separately metered kilowatt-hours of On-Peak and Off-Peak generation at the renewable or standard fixed prices as provided in this schedule. On-Peak and Off-Peak are defined in the definitions section of this schedule.

## Firm Market Indexed and Non-Firm Market Index Avoided Cost Prices

In accordance with the terms of a contract with a Qualifying Facility, the Company shall pay for all separately metered kilowatt-hours of On-Peak and Off-Peak generation at the market prices calculated at the time of delivery. On-Peak and Off-Peak are defined in the definitions section of this schedule.



# AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

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## **Avoided Cost Prices**

## **Standard Fixed Avoided Cost Prices**

Fixed Prices ¢/kWh

Deliveries	Base Load QF (1)		Wind QF (2)		Solar QF	
During	On-Peak	Off-Peak	On-Peak	Off-Peak	On-Peak	Off-Peak
Calendar	Energy	Energy	Energy	Energy	Energy	Energy
Year	Price	Price	Price	Price	Price	Price
	(a)	(b)	(c)	(d)	(e)	(f)
2015	2.77	2.19	2.51	1.93	2.77	2.19
2016	2.87	2.20	2.60	1.93	2.87	2.20
2017	3.13	2.43	2.86	2.16	3.13	2.43
2018	3.38	2.54	3.10	2.26	3.38	2.54
2019	3.55	2.73	3.26	2.45	3.55	2.73
2020	3.82	2.93	3.53	2.64	3.82	2.93
2021	4.11	3.18	3.81	2.88	4.11	3.18
2022	4.41	3.44	4.10	3.14	4.41	3.44
2023	4.72	3.69	4.41	3.38	4.72	3.69
2024	6.16	3.06	2.87	2.74	3.48	3.06
2025	6.35	3.18	2.99	2.86	3.61	3.18
2026	6.41	3.18	2.98	2.84	3.62	3.18
2027	6.61	3.31	3.11	2.97	3.76	3.31
2028	6.98	3.61	3.40	3.26	4.07	3.61
2029	7.15	3.71	3.50	3.36	4.18	3.71
2030	7.30	3.79	3.58	3.43	4.27	3.79
2031	7.62	4.03	3.82	3.67	4.52	4.03
2032	7.80	4.14	3.92	3.76	4.64	4.14
2033	7.93	4.20	3.97	3.81	4.71	4.20
2034	8.15	4.34	4.11	3.95	4.86	4.34
2035	8.40	4.51	4.27	4.11	5.04	4.51
2036	8.59	4.62	4.38	4.21	5.16	4.62
2037	8.82	4.76	4.52	4.35	5.31	4.76
2038	9.05	4.91	4.65	4.48	5.47	4.91
2039	9.25	5.02	4.76	4.58	5.59	5.02
2040	9.51	5.19	4.93	4.74	5.78	5.19
2041	9.71	5.30	5.03	4.85	5.90	5.30

<sup>(1)</sup> Capacity Contribution to Peak for Avoided Proxy Resource and Base Load Qualifying Facility resource are assumed 100%.

<sup>(2)</sup> The standard avoided cost price for wind is reduced by an integration charge of \$2.55/MWh (\$2012). If Wind Qualifying Facility is not in PacifiCorp's balancing authority area, then no reduction is required.



## AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

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### **Avoided Cost Prices (Continued)**

#### Renewable Fixed Avoided Cost Prices

Fixed Prices ¢/kWh

The difference of the differen								
Deliveries	Renewable Base Load QF (2)			Wind QF (3,4)		1	Solar QF (5)	
During	On-Peak	Off-Peak		On-Peak	Off-Peak		On-Peak	Off-Peak
Calendar	Energy	Energy		Energy	Energy		Energy	Energy
Year (1)	Price	Price		Price	Price	J	Price	Price
	(a)	(b)		(c)	(d)		(e)	<b>(f)</b>
2015	2.77	2.19		2.51	1.93	]	2.77	2.19
2016	2.87	2.20		2.60	1.93		2.87	2.20
2017	3.13	2.43		2.86	2.16		3.13	2.43
2018	3.38	2.54		3.10	2.26		3.38	2.54
2019	3.55	2.73		3.26	2.45		3.55	2.73
2020	3.82	2.93		3.53	2.64		3.82	2.93
2021	4.11	3.18		3.81	2.88		4.11	3.18
2022	4.41	3.44		4.10	3.14		4.41	3.44
2023	4.72	3.69		4.41	3.38		4.72	3.69
2024	11.96	7.05		8.67	6.73		9.28	7.05
2025	12.19	7.24		8.83	6.92		9.46	7.24
2026	12.36	7.51		8.93	7.18		9.56	7.51
2027	12.59	7.71		9.09	7.37		9.73	7.71
2028	12.82	7.91		9.24	7.57	ŀ	9.91	7.91
2029	13.05	8.11		9.40	7.76		10.07	8.11
2030	13.27	8.32		9.55	7.96		10.24	8.32
2031	13.47	8.59		9.67	8.22		10.37	8.59
2032	13.78	8.75		9.90	8.37		10.62	8.75
2033	13.97	9.05		10.01	8.67		10.74	9.05
2034	14.17	9.36		10.13	8.97		10.88	9.36
2035	14.47	9.55		10.34	9.15		11.11	9.55
2036	14.85	9.65		10.63	9.25		11.42	9.65
2037	15.06	9.98		10.76	9.57		11.56	9.98
2038	15.58	9.94		11.19	9.51		12.00	9.94
2039	16.04	10.01		11.55	9.58		12.38	10.01
2040	16.38	10.22		11.80	9.77		12.65	10.22
2041	16.66	10.51		11.98	10.05		12.85	10.51

<sup>(1)</sup> For the purpose of determining: (i) when the Renewable Qualifying Facility is entitled to renewable avoided cost prices; and (ii) the ownership of Environmental Attributes and the transfer of Green Tags to PacifiCorp, the Renewable Resource Sufficiency Period ends December 31, 2023, and the Renewable Resource Deficiency Period begins January 1, 2024.

<sup>(2)</sup> The renewable avoided cost price during the Renewable Resource Deficiency Period (2024-2040) has been increased by an integration charge of \$2.55/MWh (\$2012).

<sup>(3)</sup> During the Renewable Resource Deficiency Period, the renewable avoided cost price for a Wind Qualifying Facility will be adjusted by adding the difference between the avoided integration costs and the Qualifying Facility's integration costs. If the Wind Qualifying Facility is in PacifiCorp's balancing authority area (BAA), the adjustment is zero (integration costs cancel each other out). If the Wind Qualifying Facility is not in PacifiCorp's BAA, \$2.55/MWh (\$2012) will be added for avoided integration charges.

<sup>(4)</sup> During Renewable Resource Sufficiency Period, the renewable avoided cost price for a Wind Qualifying Facility has been reduced by an integration charge of \$2.55/MWh (\$2012) for Wind Qualifying Facilities located in PacifiCorp's BAA (in-system). If a Wind Qualifying Facility is not in PacifiCorp's BAA, \$2.55/MWh (\$2012) will be added for avoided integration charges.

<sup>(5)</sup> The renewable avoided cost payment during the Renewable Resource Deficiency Period (2024-2040) has been increased by an integration charge of \$2.55/MWh (\$2012).



## AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

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## **Qualifying Facilities Contracting Procedure**

Interconnection and power purchase agreements are handled by different functions within the Company. Interconnection agreements (both transmission and distribution level voltages) are handled by the Company's transmission function (PacifiCorp Transmission Services) while power purchase agreements are handled by the Company's merchant function (PacifiCorp Commercial and Trading).

It is recommended that the owner initiate its request for interconnection 18 months ahead of the anticipated in-service date to allow time for studies, negotiation of agreements, engineering, procurement, and construction of the required interconnection facilities. Early application for interconnection will help ensure that necessary interconnection arrangements proceed in a timely manner on a parallel track with negotiation of the power purchase agreement.

## 1. Qualifying Facilities up to 10,000 kW

**APPLICATION:** To owners of existing or proposed QFs with a design capacity less than or equal to 10,000 kW who desire to make sales to the Company in the state of Oregon. Such owners will be required to enter into a written power purchase agreement with the Company pursuant to the procedures set forth below.

## I. Process for Completing a Power Purchase Agreement

A. Communications

Unless otherwise directed by the Company, all communications to the Company regarding QF power purchase agreements should be directed in writing as follows:

PacifiCorp Manager-QF Contracts 825 NE Multnomah St, Suite 600 Portland, Oregon 97232

The Company will respond to all such communications in a timely manner. If the Company is unable to respond on the basis of incomplete or missing information from the QF owner, the Company shall indicate what additional information is required. Thereafter, the Company will respond in a timely manner following receipt of all required information.



## AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

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### B. Procedures

- 1. The Company's approved generic or standard form power purchase agreements may be obtained from the Company's website at <a href="www.pacificorp.com">www.pacificorp.com</a>, or if the owner is unable to obtain it from the website, the Company will send a copy within seven days of a written request.
- 2. In order to obtain a project specific draft power purchase agreement the owner must provide in writing to the Company, general project information required for the completion of a power purchase agreement, including, but not limited to:
  - (a) demonstration of ability to obtain QF status;
  - (b) design capacity (MW), station service requirements, and net amount of power to be delivered to the Company's electric system;
  - (c) generation technology and other related technology applicable to the site:
  - (d) proposed site location;
  - (e) schedule of monthly power deliveries;
  - (f) calculation or determination of minimum and maximum annual deliveries;
  - (g) motive force or fuel plan;
  - (h) proposed on-line date and other significant dates required to complete the milestones;
  - (i) proposed contract term and pricing provisions as defined in this Schedule (i.e., standard fixed price, renewable fixed price);
  - (j) status of interconnection or transmission arrangements;
  - (k) point of delivery or interconnection;
- 3. The Company shall provide a draft power purchase agreement when all information described in Paragraph 2 above has been received in writing from the QF owner. Within 15 business days following receipt of all information required in Paragraph 2, the Company will provide the owner with a draft power purchase agreement including current standard avoided cost prices and/or other optional pricing mechanisms as approved by the Public Utility Commission of Oregon in this Schedule 37.
- 4. If the owner desires to proceed with the power purchase agreement after reviewing the Company's draft power purchase agreement, it may request in writing that the Company prepare a final draft power purchase agreement. In connection with such request, the owner must provide the Company with any additional or clarified project information that the Company reasonably determines to be necessary for the preparation of a final draft power purchase agreement. Within 15 business days following receipt of all information requested by the Company in this paragraph 4, the Company will provide the owner with a final draft power purchase agreement.



# AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

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## B. Procedures (continued)

- After reviewing the final draft power purchase agreement, the owner may either prepare another set of written comments and proposals or approve the final draft power purchase agreement. If the owner prepares written comments and proposals the Company will respond in 15 business days to those comments and proposals.
- 6. When both parties are in full agreement as to all terms and conditions of the draft power purchase agreement, the Company will prepare and forward to the owner within 15 business days, a final executable version of the agreement. Following the Company's execution a completely executed copy will be returned to the owner. Prices and other terms and conditions in the power purchase agreement will not be final and binding until the power purchase agreement has been executed by both parties.

### II. Process for Negotiating Interconnection Agreements

[NOTE: Section II applies only to QFs connecting directly to PacifiCorp's electrical system. An off-system QF should contact its local utility or transmission provider to determine the interconnection requirements and wheeling arrangement necessary to move the power to PacifiCorp's system.]

In addition to negotiating a power purchase agreement, QFs intending to make sales to the Company are also required to enter into an interconnection agreement that governs the physical interconnection of the project to the Company's transmission or distribution system. The Company's obligation to make purchases from a QF is conditioned upon the QF completing all necessary interconnection arrangements. It is recommended that the owner initiate its request for interconnection 18 months ahead of the anticipated inservice date to help ensure that necessary interconnection arrangements proceed in a timely manner on a parallel track with negotiation of the power purchase agreement.

Because of functional separation requirements mandated by the Federal Energy Regulatory Commission, interconnection and power purchase agreements are handled by different functions within the Company. Interconnection agreements (both transmission and distribution level voltages) are handled by the Company's transmission function (including but not limited to PacifiCorp Transmission Services) while power purchase agreements are handled by the Company's merchant function (including but not limited to PacifiCorp's Commercial and Trading Group).



# AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES OF 10,000 KW OR LESS

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## II. Process for Negotiating Interconnection Agreements (continued) A. Communications

Initial communications regarding interconnection agreements should be directed to the Company in writing as follows:

PacifiCorp Director – Transmission Services 825 NE Multnomah St, Suite 1600 Portland, Oregon 97232

Based on the project size and other characteristics, the Company will direct the QF owner to the appropriate individual within the Company's transmission function who will be responsible for negotiating the interconnection agreement with the QF owner. Thereafter, the QF owner should direct all communications regarding interconnection agreements to the designated individual, with a copy of any written communications to the address set forth above.

#### B. Procedures

Generally, the interconnection process involves (1) initiating a request for interconnection, (2) undertaking studies to determine the system impacts associated with the interconnection and the design, cost, and schedules for constructing any necessary interconnection facilities, and (3) executing an interconnection agreement to address facility construction, testing, acceptance, ownership, operation and maintenance issues. Consistent with PURPA and Oregon Public Utility Commission regulations, the owner is responsible for all interconnection costs assessed by the Company on a nondiscriminatory basis. For interconnections impacting the Company's Transmission and Distribution System, the Company will process the interconnection application through PacifiCorp Transmission Services.

## **EXHIBIT H**

## GREEN TAG ATTESTATION AND BILL OF SALE

Subject to Green Tags ownership as defined in Section 5.5, from the period commencing on and ending on, ("Seller") hereby sells, transfers and delivers to PacifiCorp the Green Tags (including all Green Tag Reporting Rights) associated with the generation of Net Output under the Power Purchase Agreement (Renewable Energy) between Seller and PacifiCorp dated [] (the "PPA"), as described below, in the amount of one Green Tag for each megawatt hour generated. Defined terms used in this Green Tag Attestation and Bill of Sale (as indicated by initial capitalization) shall have the meaning set forth in the PPA.					
Facility name	and location:		Fuel Type:		
Capacity (MV	V):	Operational Date:			
Energy Admir	n. ID no.:				
	Dates	MWh generat	ed		
Seller further		and represents, under penalty sknowledge, the information	y of perjury, as follows:  provided herein is true and correct;		
ii)	its sale to PacifiCorp is its one and only sale of the Green Tags referenced herein;				
iii)	the Facility generated Output in the amount indicated above; and				
iv)	to the best of Seller's knowledge, each of the Green Tags associated with the generation Output have been generated and sold by the Facility.				
PPA, the trans Green Tags (in	fer from Seller to	Attestation and Bill of Sale of PacifiCorp all of Seller's rights as set	confirms, in accordance with the ght, title and interest in and to the forth above.		
Seller's Contac	et Person: [		1		

WITNESS MY HAND,					
a					
Ву					
Its		·		_	
Date:					

This Attestation may be disclosed by Seller and PacifiCorp to others, including the Center for Resource Solutions and the public utility commissions having jurisdiction over PacifiCorp, to substantiate and verify the accuracy of PacifiCorp's advertising and public communication claims, as well as in PacifiCorp's advertising and other public communications.

## ADDENDUM A

## Clarification of Certain Terms in the Power Purchase Agreement

Whereas, during the course of preparing this Power Purchase Agreement ("PPA"), the Parties discussed (1) the requirement for the Project to be designated a Network Resource by PacifiCorp, and (2) the need for line losses to be apportioned to multiple wind projects sharing the common gen-tie transmission line to the point of interconnection.

Whereas, Seller has elected step-in rights under Section 10.4 of the PPA as the form of security for its performance under the PPA.

Whereas, in order to minimize the likelihood of future dispute, the Parties wish to memorialize their intent and agreement with regard to the above issues.

NOW, THEREFORE, the Parties do hereby declare and agree as follows:

- 1. Capitalized Terms. Except as otherwise defined herein, all capitalized terms in this Addendum A shall have the meaning set forth in this PPA.
- 2. Network Resource Designation and Transmission Services. The Parties agree that Network Resource designation and transmission service obligations associated with such designation that are not described in the PPA are described in Addendum B to this PPA.
- 3. Changes in Security. Seller may, during the term of this PPA, substitute one form of credit security for another form of credit security allowed in Section 10 of the PPA, subject to PacifiCorp's consent, which shall not be unreasonably conditioned, delayed or withheld; *provided*, *that* PacifiCorp may review and approve (or disapprove) Seller's proposed substitution based on the criteria no more restrictive than PacifiCorp would have applied at the time of execution of this PPA.
- 4. **Retail Electric Service.** Recital E of the PPA does not provide the option for retail electric service by another utility to reflect the utility franchise rules in Oregon. Seller and PacifiCorp agree that under current Oregon rules, retail electric service shall be provided to Seller by Umatilla Electric Co-op and or Columbia Basin Electric Co-op. Addendum L further describes retail electric service.
- 4. Operation Prior to implementing Addendum L. Line loss and station service allocations are described in Addendum L to this PPA. Seller shall not generate and deliver energy to PacifiCorp prior to the execution of an agreement in the form of Addendum L by all parties (with such modifications reasonably acceptable to Seller and PacifiCorp). PacifiCorp's duty to pay Seller under this PPA is conditioned upon Seller's compliance with this Section.
- 5. Intent. Notwithstanding Section 22.1, or any other provision in the Power Purchase Agreement between Utilian Wind Carp. and PacifiCorp (PPA), this Addendum A

## ADDENDUM A--Ctd

is an integral part of Seller's and PacifiCorp's PPA, executed contemporaneously therewith.

IN WITNESS WHEREOF, the Parties hereto acknowledge this Addendum A to be part of the Power Purchase Agreement between PacifiCorp and Seller.

Orchard Windform 4 LLC

By:\_( Name: Bruce Griswold

Title: Director, Short-Term Origination and QF Contracts

June 27 2016

Name: John Brown Title: Manager

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# ADDENDUM B Transmission Services

PacifiCorp and Seller are parties to that certain Power Purchase Agreement executed the date last written below (the "PPA"). This Addendum B to the PPA is entered into by and between PacifiCorp and Seller and is intended to be interpreted and applied to the PPA.

Whereas, the Parties for their respective business purposes have an interest in exporting excess generation from the Facility if Seller generation exceeds load in the load area in the vicinity of the Point of Delivery specified in the PPA ("Excess Generation");

Whereas, PacifiCorp may determine it needs to contract with a third-party transmission provider per that party's Open Access Transmission Tariff ("OATT") to purchase firm point-to-point ("PTP") transmission to export Excess Generation out of the load area from the Facility to other PacifiCorp network loads.

NOW, THEREFORE, for independent consideration, the receipt and sufficiency of which is acknowledged by both Parties, the Parties do hereby declare and agree as follows:

Within 7 calendar days of the execution of the PPA, PacifiCorp will submit its request to PacifiCorp Transmission to designate the Facility as a Network Resource under PacifiCorp's Open Access Transmission Tariff.

Within 14 calendar days of PacifiCorp receiving PacifiCorp Transmission's report from the investigation into the designation of the Facility as a Network Resource, PacifiCorp shall notify Seller of the status of Network Resource designation by PacifiCorp Transmission and any conditions that PacifiCorp must meet for Network Resource designation. Upon request by Seller, PacifiCorp will provide a copy of the report prepared by PacifiCorp Transmission.

PacifiCorp agrees to require PacifiCorp Transmission to perform the study in accordance with its OATT and applicable law and regulations. Seller agrees to pay all PacifiCorp's costs, if any, required to purchase firm PTP transmission to export Excess Generation out of the load area from the Facility to other PacifiCorp network loads, as required to meet any conditions that PacifiCorp Transmission identified in the report and as required for Network Resource designation of the Facility. The Parties agree to modify the PPA to the extent necessary to incorporate such costs.

Seller shall be entitled to terminate the PPA subject to the terms and conditions of the PPA if the cost of meeting such conditions is unacceptable to Seller.

## ADDENDUM B--Ctd

This Addendum B to the PPA is made effective this	30 day of June, 2016.
PacifiCorp	Seller
Ву:	Ву:
Name: Bruce Griswold	Name: John Brown
Title: Director, Short-Term Origination and QF Contracts	Title: Manager
Date: 1400 27.200	Date: 6/30/16

## ADDENDUM L

## STATION LOAD, LOSSES, and NET OUTPUT ALLOCATION ALGORITHM for the Morrow Projects

This Addendum L is hereby made a part of, and clarifies certain terms in, the thirteen Oregon Standard Firm Qualifying Facility Power Purchase Agreements for Intermittent Resources 10 MW or Less (the "PPAs") entered into between each of the Morrow Projects and PacifiCorp (d/b/a Pacific Power & Light Company), an Oregon corporation, acting in its regulated utility capacity ("PacifiCorp").

Nine Oregon limited liability companies (Sand Ranch Windfarm, LLC; Oregon Trail Windfarm, LLC; Ward Butte Windfarm, LLC; Pacific Canyon Windfarm, LLC; Four Mile Canyon Windfarm, LLC; Four Corners Windfarm, LLC; Big Top, LLC; Butter Creek Power, LLC; and Wagon Trail, LLC) (collectively "Echo Projects"), each own wind powered electric generation facilities which together comprise a complex of nine separate, Oregon standard wind Qualifying Facilities, that share collector wires, and the Echo Projects 34.5/69 kV substation ("Echo Collection Facilities").

Four Oregon limited liability companies (Orchard Windfarm 1, LLC; Orchard Windfarm 2, LLC; Orchard Windfarm 3, LLC; and Orchard Windfarm 4, LLC) (collectively "Orchard Projects"), each own wind powered electric generation facilities which together comprise a complex of four separate, Oregon standard wind Qualifying Facilities, that share collector wires, and the Orchard Projects 34.5/69 kV substation ("Orchard Collection Facilities").

Together the Echo Projects and the Orchard Projects comprise the "Morrow Projects", which share a 69 kV line, and related equipment ("Shared Interconnection Facilities"), which connect the Echo Projects substation and the Orchard Projects substation to the Point of Delivery. Each of the Morrow Projects and PacifiCorp are referred to herein individually as a "Party" or collectively as the "Parties".

PacifiCorp has agreed to buy (and Seller has agreed to sell), at the Point of Delivery, Seller's total energy output net of: (1) Seller's station service and collection system losses; (2) energy provided by Seller to other Morrow Project(s) to supply their station service load and collection system losses; (3) Seller's share of the transformation losses (items (1-3) together are Seller's "Station Auxiliary Load and Losses"); and (4) Seller's share of the losses on the Shared Interconnection Facilities. However, Seller and PacifiCorp agree that it is impossible to directly measure Seller's Station Auxiliary Load and Losses separate and apart from the Station Auxiliary Load and Losses of the other Morrow Projects. Therefore, in order to implement an objective, practicable, and equitable process by which PacifiCorp may quantify energy delivered by Seller to the Point of Delivery (net of its Station Auxiliary Load and Losses and its share of losses on the Shared Interconnection Facilities), and quantify the energy supplied to Seller at the Point of Delivery, the Parties do agree as follows:

## A. Utility Roles and Obligations

The "Utility Supplier(s)" shall be the utility with the right (franchise) to provide retail electric service at the Facility (at the time this Addendum L becomes effective the Utility Supplier(s) are Umatilla Electric Co-op and or Columbia Basin Electric Co-op).

PacifiCorp shall own and maintain the metering at the Echo and Butter Creek substations and at the Point of Delivery and each month during the term of the Agreement, shall perform allocation calculations and electronically provide the results in table form to the Morrow Projects. The results of such calculations shall be used by PacifiCorp (in conjunction with the metered output of each individual Project) to determine Seller's Net Output in kWh and to enable the Utility Supplier(s) to render invoices for the energy supplied to the Morrow Projects to supply Station Auxiliary Load and Losses and line losses.

PacifiCorp shall have no obligation to serve any of the Morrow Projects' retail electric needs absent a separate written agreement with PacifiCorp and then only with the permission of Seller's Utility Supplier(s). Except as provided in this Addendum L, none of the costs associated with provision of retail electric service to Seller shall be borne by PacifiCorp.

Such calculations shall be based on the definitions and formulae below, with the raw data gathered from specified meters set to use a metering integration interval of 5, 10,15, or 60 minutes at PacifiCorp's election, to match the metering equipment installation PacifiCorp specified for the Morrow Projects, and be performed for each 60 minute period in the month ("Allocation Interval"). The Parties acknowledge that with the bi-directional metering at the Echo substation, at the Butter Creek substation, and at the Point of Delivery, it is possible for the Morrow Projects to sell Net Output and purchase retail energy during the same Allocation Interval.

## B. Billing Formulae

## 1. Definitions

PALL<sub>T</sub> = the accumulated energy purchased from Utility Supplier(s), during an Allocation Interval, as determined at the Point of Delivery, to supply the net total Station Auxiliary Load and Losses plus the losses on the Shared Interconnection Facilities for Morrow Projects i = 1 to 13 whenever such total load and losses exceeds total generation output during such Allocation Interval.

OP<sub>i</sub> = the metered output energy of Morrow Project i, during an Allocation Interval, as determined by PacifiCorp's meter at the point where Morrow Project i connects to the Echo Collection Facilities or the Orchard Collection Facilities. For an Allocation Interval during which energy is supplied to a Project, such supplied energy is accumulated in a separate meter register and does not decrement the register used to measure accumulated OP<sub>i</sub>. Therefore OP<sub>i</sub> is by definition always greater than or equal to zero, and in the event the meter records OP<sub>i</sub> less than zero, OP<sub>i</sub> shall be deemed to equal zero.

OP<sub>Echo</sub> = the sum of OP<sub>i</sub> for all Echo Projects.

 $OP_{Butter}$  = the sum of  $OP_i$  for all Orchard Projects.

NO<sub>T</sub> = the total Net Output energy delivered to the Point of Delivery (69 kV Busbar of PacifiCorp's Hinkle substation) during an Allocation Interval. NO<sub>T</sub> shall be as measured at PacifiCorp's meter near the Point of Delivery (kWh), adjusted for any transformation losses between the location of the metering measurement devices and the Point of Delivery. For any Allocation Interval during which Utility Suppliers supply energy to the Morrow Projects at the Point of Delivery, such supplied energy is accumulated in a separate meter register of the PacifiCorp meter at the Point of Delivery and does not decrement the register used to measure accumulated Net Output energy. Therefore NO<sub>T</sub> is by definition always greater than or equal to zero and in the event the meter records NO<sub>T</sub> less than zero, NO<sub>T</sub> shall be deemed to equal zero.

NO<sub>Echo</sub> = the portion of NO<sub>T</sub> attributable to the nine Echo Projects during an Allocation Interval.

NO<sub>Butter</sub> = the portion of NO<sub>T</sub> attributable to the four Orchard Projects during an Allocation Interval.

- NO<sub>i</sub> = the net energy sold to PacifiCorp by Morrow Project i during an Allocation Interval.
- BDM = the total energy output delivered by the Orchard Projects at the Butter Creek substation during an Allocation Interval as measured by the PacifiCorp-owned bi-directional meter equipment located on the 69 kV side of the Butter Creek substation in kWh.
- BPM = the total energy used by the Orchard Projects at the Butter Creek substation during an Allocation Interval as measured by the PacifiCorp-owned bi-directional meter equipment located on the 69 kV side of the Butter Creek substation in kWh.
- EDM = the total energy output delivered by the Echo Projects at the Echo substation during an Allocation Interval as measured by the PacifiCorp-owned bi-directional meter equipment located on the 69 kV side of the Echo substation in kWh.
- EPM = the total energy used by the Echo Projects at the Echo substation during an Allocation Interval as measured by the PacifiCorp-owned bi-directional meter equipment located on the 69 kV side of the Echo substation in kWh.
- ELOSS = the share of the losses on the Shared Interconnection Facilities during an Allocation Interval deemed to be attributed to the Echo Projects generation of OP<sub>Echo</sub> as determined by the formula in Section G of this Addendum L based on the concurrent value of EDM, which formula shall be subject to revision from time to time in accordance with Section G of this Addendum L. In the event OP<sub>Echo</sub> is less than or equal to zero, ELOSS shall be deemed equal to zero in kWh.

## 2. <u>Calculations</u>

Calculations shall be reconciled and settled monthly. Calculations shall be rounded to the nearest kilowatt-hour in the final step.

# (a). When Total Generation Output at the Point of Delivery <= Total Station Auxiliary Load and Losses

During an Allocation Interval, the contributions to the monthly billing determinants for the Echo Projects and the Orchard Projects purchases of energy from the Utility Supplier(s), to supply Station Auxiliary Load and Losses and any allocated shares of any associated losses on the Shared Interconnection Facilities, shall be determined with the following formulae:

Energy purchase monthly billing determinant contribution for the Echo Projects equals:

Zero, in the event  $PALL_T$  is equal to zero, and otherwise,  $EPM + [EPM / (EPM+BPM) * (PALL_T - EPM - BPM)]$  Energy purchase monthly billing determinant contribution for the Orchard Projects equals:

```
Zero, in the event PALL_T is equal to zero, and otherwise BPM + [BPM / (EPM+BPM) * (PALL_T - EPM - BPM)]
```

# (b). When Total Generation Output at the Point of Delivery > Total Station Auxiliary Load and Losses

During an Allocation Interval, the contributions to the monthly billing determinants for the Echo Projects and the Orchard Projects sale of Net Output to Pacificorp shall be determined with the following formulae:

```
NO_{Echo} = zero when EDM equals zero; and otherwise NO_{Echo} = the lesser of [EDM - ELOSS] and [NO<sub>T</sub>]; and
```

 $NO_{Butter}$  = zero when BDM equals zero; and otherwise  $NO_{Butter}$  = [  $NO_{T}$  -  $NO_{Echo}$  ];

For each Echo Project i:

$$NO_i = NO_{Echo} * [OP_i / OP_{Echo}]$$

For each Butter Creek Project i:

$$NO_i = NO_{Butter} * [OP_i / OP_{Butter}]$$

The Morrow Projects shall reconcile among themselves, as a matter independent of this Addendum L and the Agreement, any Allocation Intervals where EDM is zero and BDM is greater than zero, such that the Orchard Projects supplied the Station Auxiliary Load and Losses of the Echo Projects, EPM, resulting in a lesser NO<sub>Butter</sub> or where where BDM is zero and EDM is greater than zero, such that the Echo Projects supplied the Station Auxiliary Load and Losses of the Orchard Projects, BPM, resulting in a lesser NO<sub>Echo</sub> for such Allocation Intervals.

## C. Limitation of PacifiCorp Purchase Liability

PacifiCorp's total purchase obligation to the Morrow Projects shall at no time exceed total energy delivered by the Morrow Projects to the Point of Delivery. Therefore, in the event the sum of the Net Output energy (calculated according to the preceding formulae) for all the Morrow Projects is greater than NO<sub>T</sub>, then PacifiCorp shall reduce calculated Net Output energy from each Morrow Project, *pro rata* each Morrow Project's share of the OP<sub>T</sub>, such that the total energy purchased from all the Morrow Projects at the Point of Delivery by PacifiCorp equals NO<sub>T</sub>.

## D. PacifiCorp Right to Offset

In the event PacifiCorp determines it has underpaid one or more Morrow Projects (due to metering error or otherwise) and, as a result of underpaying one or more Morrow Projects, has overpaid Seller, PacifiCorp may adjust Seller's future payment(s) accordingly in order to recapture any overpayment received by Seller in a reasonable time.

### E. Effective Date

This Addendum L was negotiated jointly among the Morrow Projects and PacifiCorp, and each of the Morrow Projects' assent to Addendum L is essential to the purposes of this Addendum L. Therefore, this Addendum L shall not become effective until the first day of the first month after (1) all of the Morrow Projects have delivered to PacifiCorp an executed copy of Addendum L and PacifiCorp has executed same; and (2) all meters necessary to perform the calculations in Section 2 are operational ("Addendum L Effective Date").

## F. Recital E to the Power Purchase Agreement

The Parties' intentionally left blank the elective options in Recital E to their PPAs because neither option describes the Parties' intent. The Parties intend that, when NO<sub>T</sub> is greater than zero, Seller's full electric requirements will be served by its gross output or by the Net Output of other Morrow Projects. When NO<sub>T</sub> is less than or equal to zero, Seller's full electric requirements at the Point of Delivery will be served by Seller's Utility Supplier.

## G. Echo Projects Shared Interconnection Facilities Loss Formula (ELOSS)

During an Allocation Interval, the amount of the total losses (kWh) on the Shared Interconnection Facilities attributed to the output of the Echo Projects, ELOSS, shall be determined by the following formula:

ELOSS = 
$$(3\text{-phase EDM/69})^2 * 1.1 / 1000$$

Where 3-phase EDM is the total energy delivered (kWh, measured at the Echo substation revenue meter) from the Echo Projects to the Echo substation during an Allocation Interval.

The Morrow Projects may, by unanimous agreement of the Morrow Projects, adjust the assumed loss formula (ELOSS) from time to time in order to more accurately approximate the line losses attributed to the generation from the Echo Projects on the Shared Interconnection Facilities in the absence of generation from the Orchard Projects. Any such adjustment may be communicated to PacifiCorp through the Morrow Project's duly authorized agent. Such adjustment(s) shall be effective for billing periods commencing 30 days after written notice of the adjustment to PacifiCorp. Adjustments to the ELOSS formula are subject to PacifiCorp's consent, which consent shall not be unreasonably withheld or delayed. Each Morrow Project at its request shall be entitled to all electronic records and data from the Morrow Projects at Hinkle and at the high-side meters located at the Echo Substation and the Butter Creek Substation.

**H.** Additional Meters. The cost to design install, and maintain meters at the 69kV side of the Echo substation and at the 69 kV side of the Butter Creek substation shall be paid by the Orchard Projects.

## I. Disclaimer; Limitation

The Parties acknowledge that the allocation of shared losses provided herein was agreed to by all of the Morrow Projects and PacifiCorp. PacifiCorp makes no warranty that the shared losses allocated among the Echo Projects will be equal to, less than, or greater than the shared line losses allocated among the Echo Projects under their previous Addenda L. This Addendum L shall not make any Morrow Project a party to any of the PPAs other than the PPA that Morrow Project has executed with PacifiCorp.

## I. Counterparts

This Addendum L may be executed in one or more duplicate counterparts, and when executed and delivered by all the Parties listed below, shall constitute a single binding agreement.

## J. Signatures

The individuals executing this Addendum L warrant that they have full authority to execute this Addendum L on behalf of the entity for whom they are acting herein.

IN WITNESS WHEREOF, the Parties by their officers thereunto duly authorized, have duly executed this Addendum L as of the date(s) provided below.

**PACIFICORP:** 

**PacifiCorp** 

By:

Name: Brude Griswold

Title: Director, QFs and

**Short-term Origination** 

Date:

## **ECHO CO-OWNERS:**

Sand	Ranch Windfarm, LLC	Oregon	Trail Windfarm, LLC
By:		By:	
	Name:		Name:
	Title:		Title:
	Date:		Date:
Ward	l Butte Windfarm, LLC	Pacific	Canyon Windfarm, LLC
By:		By:	
	Name:		Name:
	Title:		Title:
	Date:		Date:
Four	Mile Canyon Windfarm, LLC	Four C	orners Windfarm, LLC
By:		By:	
	Name:		Name:
	Title:		Title:
	Date:		Date:
Bit T	op, LLC	Butter	Creek Power, LLC
By:		By:	
	Name:		Name:
	Title:		Title:
	Date:		Date:
Wag	on Trail, LLC		
By:			
	Name:		
	Title:		
	Date:		

ORCHARD CO-OWNERS:	
Orchard Windfarm 1, LLC	Orchard Windharm 2, LLC
By:	By:
Name: John Brown	Name: John Brown
Title: Manager	Title: Manager
Date: 10/30/16	Date: 6/30/16
Orchard Windfarm 3, LLC	Orchard Windfatts 4, LLC
By:	Ву:
Name: John Brown	Name: John Brown
Tifle: Manager	Title Manager
Date: (1/30/14	Date: 6/30/16

#### **AMENDMENT**

## to that certain

## NON-FIRM POWER PURCHASE AGREEMENT

### Between

## **Oregon State University**

(Formerly known as State of Oregon, acting by and through the Oregon State Board of Higher Education on behalf of Oregon State University)

#### And

## **PacifiCorp**

This AMENDMENT (the "Amendment"), dated May 21, 2020 (the "Effective Date") amends that certain NON-FIRM POWER PURCHASE AGREEMENT (the "PPA"), dated November 23, 2010, between PacifiCorp, an Oregon corporation ("PacifiCorp"), and Oregon State University, a public university under Oregon Revised Statute 352.002, and formerly acting by and through the Oregon State Board of Higher Education (the "Seller"). Seller and PacifiCorp are referred to individually in this Amendment as a "Party" and collectively as the "Parties."

## **RECITALS**

- A. Seller owns, operates and maintains a gas-fired cogeneration facility for the generation of electric power, including interconnection facilities, located in Corvallis, Benton County, Oregon, with a facility capacity rating of 6,500 kilowatts (kW);
  - B. the PPA between the Parties expires by its terms on June 30, 2020;
- C. Seller intends to continue to operate the Facility as a Qualifying Facility past June 30, 2020, and has requested to extend the term of the PPA; and
  - D. PacifiCorp has agreed to extend the term of the PPA.

### <u>AGREEMENT</u>

PacifiCorp and Seller agree to the following:

- 1. <u>Section 2.4</u> of the PPA is amended such that the Termination Date is March 31, 2022.
- 2. <u>Section 21.1</u> of the PPA is amended such that PacifiCorp's contact information shall be as follows:

Notices	PacifiCorp
All Notices	PacifiCorp 825 NE Multnomah, Suite 600 Portland, Oregon 97232- 2315 Attn: Contract Administration E-mail: <a href="mailto:cntadmin@pacificorp.com">cntadmin@pacificorp.com</a> Duns: 00-790-9013 Federal Tax ID Number: 93-0246090
All Invoices:	(same as street address above) Attn: Back Office, Suite 700 Email: powerinvoices@pacificorp.com
Scheduling:	(same as street address above) Attn: Pre-Scheduling, Suite 600 Phone: (503) 813-6090 Email: ctpreschd@pacificorp.com
Payments:	(same as street address above) Attn: Central Cashiers Office, Suite 550 Phone: (503) 813-6826
Wire Transfer:	To be provided in separate letter from PacifiCorp to Seller
Credit and Collections:	(same as street address above) Attn: Credit Manager, Suite 600 Phone (503) 813-7280 Facsimile: (503) 813-5609
With Additional Notices of an Event of Default or Potential Event of Default to:	PacifiCorp Legal Department 825 NE Multnomah, Suite 2000 Portland, Oregon 97232-2315 Attn: Assistant General Counsel

- 3. All other terms and provisions of the PPA shall remain unchanged. Each Party hereby ratifies and confirms that except as expressly amended hereby, all of the terms, conditions, covenants, representations, warranties and all other provisions of the PPA remain in full force and effect.
- 4. Capitalized terms used but not defined in this Amendment shall have the meaning set forth in the PPA.
- 5. This Amendment shall be governed by and construed in accordance with the laws of the State of Oregon (without reference to its choice of law doctrine).
- 6. This Amendment may be executed in any number of counterparts and by different parties hereto in separate counterparts, each of which when so executed and delivered shall be deemed to be an original and all of which taken together shall

constitute but one and the same instrument. Delivery of an executed counterpart of this Amendment by electronic transmission (in pdf form) shall be equally as effective as delivery of a manually executed counterpart.

IN WITNESS WHEREOF, the parties below have caused this Amendment to be executed in their respective names.

**PacifiCorp** 

By: \_\_\_\_\_Bruce Griswold Digitally signed by Bruce Griswold Date: 2020.06.01 14:37:10 -07'00'

Name: Bruce Griswold

Title: Short-term Origination and QF Contracts, Director

**Oregon State University** 

— DocuSigned by:

ByMidial J. Grun Nanton Wichael J. Green

Title: Vice President for Finance and Administration