



## Department of Energy

Bonneville Power Administration  
P.O. Box 3621  
Portland, Oregon 97208-3621

FREEDOM OF INFORMATION ACT PROGRAM

July 13, 2020

In reply refer to: FOIA #BPA-2020-00740-F

Chad Stokes  
Cable Huston LLP  
1455 SW Broadway, Suite 1500  
Portland OR 97201  
Email: [cstokes@cablehuston.com](mailto:cstokes@cablehuston.com)

Dear Mr. Stokes,

This communication is the Bonneville Power Administration (BPA) response to your request for agency information made under the Freedom of Information Act, 5 U.S.C. § 552 (FOIA). BPA received your information request on April 29, 2020. Responsive publicly available agency information was transmitted to you on May 1, 2020. An acknowledgment letter was sent to you on May 4, 2020.

### **Request**

“Please provide the following executed agreement between PacifiCorp and BPA: "Network Integration Transmission Service (NT)", Contract 09TX-14534.”

### **Publicly Available Information**

The Service Agreement for Network Integration Transmission Service is a template (see, Attachment F, page 167, Open Access Transmission Tariff) that can be found at these locations:

<https://www.bpa.gov/transmission/Doing%20Business/Tariff/Documents/bpa-oatt-TC-20-settlement-tariff-100119.pdf>

<https://www.bpa.gov/transmission/Doing%20Business/Tariff/Pages/default.aspx>

### **Response**

Knowledgeable Account Specialist personnel in BPA’s Transmission Sales & Marketing office performed records searches in response to your FOIA request. Responsive agency records, comprising 39 pages, accompany this communication. Those records are being released with no redactions applied.

**Fees**

There are no fees associated with the agency's response to your FOIA request.

**Certification**

Pursuant to 10 C.F.R. § 1004.7(b)(2), I am the individual responsible for the search and records release described above. Your FOIA request BPA-2020-00740-F is now closed with the responsive agency records provided.

**Appeal**

The adequacy of the search may be appealed within 90 calendar days from your receipt of this letter pursuant to 10 C.F.R. § 1004.8. Appeals should be addressed to:

Director, Office of Hearings and Appeals  
HG-1, L'Enfant Plaza  
U.S. Department of Energy  
1000 Independence Avenue, S.W.  
Washington, D.C. 20585-1615

The written appeal, including the envelope, must clearly indicate that a FOIA appeal is being made. You may also submit your appeal by e-mail to [OHA.filings@hq.doe.gov](mailto:OHA.filings@hq.doe.gov), including the phrase "Freedom of Information Appeal" in the subject line. (The Office of Hearings and Appeals prefers to receive appeals by email.) The appeal must contain all the elements required by 10 C.F.R. § 1004.8, including a copy of the determination letter. Thereafter, judicial review will be available to you in the Federal District Court either (1) in the district where you reside, (2) where you have your principal place of business, (3) where DOE's records are situated, or (4) in the District of Columbia.

You may contact BPA's FOIA Public Liaison, Jason Taylor, at 503.230.3537, [jetaylor@bpa.gov](mailto:jetaylor@bpa.gov), or at the address on this letter header, for any further assistance and to discuss any aspect of your request. Additionally you may contact the Office of Government Information Services (OGIS) at the National Archives and Records Administration to inquire about the FOIA mediation services they offer. The contact information for OGIS is as follows:

Office of Government Information Services  
National Archives and Records Administration  
8601 Adelphi Road-OGIS  
College Park, Maryland 20740-6001  
E-mail: [ogis@nara.gov](mailto:ogis@nara.gov)  
Phone: 202-741-5770  
Toll-free: 1-877-684-6448  
Fax: 202-741-5769

Questions about this communication may be directed to James King, CorSource Technology Group LLC, at [jjking@bpa.gov](mailto:jjking@bpa.gov) or 503.230.7621.

Sincerely,



Candice D. Palen  
Freedom of Information/Privacy Act Officer

Attachments: The responsive agency records accompany this communication.

Hand delivered 10/28/09 @ 5:00pm ma

Service Agreement No. 09TX-14534

**SERVICE AGREEMENT**  
**for**  
**NETWORK INTEGRATION**  
**TRANSMISSION SERVICE**  
**executed by the**  
**UNITED STATES OF AMERICA**  
**DEPARTMENT OF ENERGY**  
**acting by and through the**  
**BONNEVILLE POWER ADMINISTRATION**  
**and**  
**PACIFICORP**

1. This Service Agreement is entered into, by and between the Bonneville Power Administration Transmission Services (Transmission Provider) and PacifiCorp (Transmission Customer).
2. The Transmission Customer has been determined by the Transmission Provider to have a Completed Application for Network Integration Transmission Service under the Transmission Provider's Open Access Transmission Tariff (Tariff).
3. The Transmission Customer has provided to the Transmission Provider a deposit, unless such deposit has been waived by the Transmission Provider, for Transmission Service in accordance with the provisions of Section 29.2 of the Tariff.
4. Service under this agreement shall commence on the later of (1) the requested Service Commencement Date, or (2) the date on which construction of any Direct Assignment Facilities and/or Network Upgrades are completed. Service under this agreement shall terminate on such date as mutually agreed upon by the parties.
5. The Transmission Provider agrees to provide and the Transmission Customer agrees to pay for Network Integration Transmission Service in accordance with the provisions of Part III of the Tariff and this Service Agreement.
6. Any notice or request made to or by either Party regarding this Service Agreement shall be made to the representative of the other Party as indicated in Exhibit D.
7. The Tariff, Exhibit A (Specifications for Network Integration Transmission Service), Exhibit B (Direct Assignment and Use-of-Facilities Charges), Exhibit C (Ancillary

OCT 30 2009

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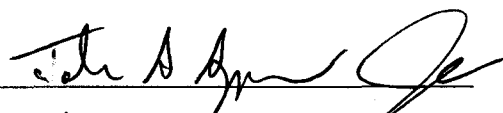
Services), and Exhibit D (Notices) are incorporated herein and made a part hereof. Capitalized terms not defined in this agreement are defined in the Tariff.

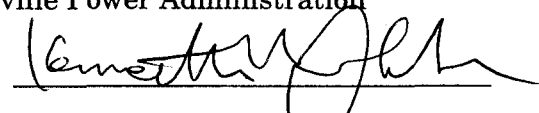
- 8. This Service Agreement shall be interpreted, construed, and enforced in accordance with Federal law.
- 9. This Service Agreement shall inure to the benefit of and be binding upon the Parties and their respective successors.
- 10. The Transmission Customer and the Transmission Provider agree that provisions of Section 3201(i) of Public Law 104-134 (Bonneville Power Administration Refinancing Act) are incorporated in their entirety and hereby made a part of this Service Agreement.
- 11. Section 202 of Executive Order No. 11246, 30 Fed. Reg. 12319 (1965), as amended by Executive Order No. 12086, 43 Fed. Reg. 46501 (1978), as amended or supplemented, which provides, among other things, that the Transmission Customer will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin, is incorporated by reference in the Service Agreement the same as if the specific language had been written into the Service Agreement, except that Indian Tribes and tribal organizations may apply Indian preference to the extent permitted by Federal law.

IN WITNESS WHEREOF, the Parties have caused this Service Agreement to be executed by their respective authorized officials.

PACIFICORP

UNITED STATES OF AMERICA  
Department of Energy  
Bonneville Power Administration

By: 

By: 

Name: John Apperson  
(Print/Type)

Name: Kenneth H. Johnston  
(Print/Type)

Title: Trading Director

Title: Transmission Account Executive

Date: 28 Oct 2009

Date: 10/28/09

**EXHIBIT A  
SPECIFICATIONS FOR  
NETWORK INTEGRATION TRANSMISSION SERVICE**

**1. TERM OF TRANSACTION FOR THE SERVICE AGREEMENT**

Service Commencement Date: November 1, 2009

Termination Date: November 1, 2019

**2. RESOURCES**

**(a) Designated Network Resources**

**(1) Generation Owned by the Transmission Customer**

<b>Resource</b>	<b>Start Date</b>	<b>Stop Date</b>	<b>Capacity Designated as Network Resource (MW)</b>	<b>Balancing Authority</b>	<b>Associated Assign Ref</b>
Off-system resource delivered at Reston (System Power)	11/1/2009	11/1/2019	100	PACW	73433280, 73433537, 73433615, 73433647, 73433682, 73433939, 73454330, & 73454348
Off-system resource delivered at Vantage (System Power)	11/1/2009	11/1/2019	497	PACW	73433278, 73433462, 73433488, 73433530, 73433614, 73433646, 73433679, & 73433929
Off-system resource delivered at Summer Lake (System Power)	11/1/2009	11/1/2019	400	PACW	73433269, 73433458, 73433484, 73433522, 73433605, 73433642, 73433677, & 73433921
Off-system resource delivered at Yamsay (System Power)	11/1/2009	11/1/2019	200	PACW	73433286, 73433467, 73433491, 73433543, 73433618, 73433651, 73433693, & 73433943
Off-system resource delivered at McNary (System Power)	11/1/2009	11/1/2019	400	PACW	73433262, 73433453, 73433481, 73433519, 73433597, 73433640, 73433672, & 73433914

**(2) Power Purchased by the Transmission Customer**

<b>Resource</b>	<b>Start Date</b>	<b>Stop Date</b>	<b>Capacity Designated as Network Resource (MW)</b>	<b>Balancing Authority</b>	<b>Associated Assign Ref / POD</b>
South Idaho Exchange Contract (92524) delivered from a POR of FCRPS	11/1/2009	11/1/2019	Varies <sup>1</sup>	BPAT	73434024 / Santiam PAC NT Delivery Point 73434032 / Pendleton PAC NT Delivery Point

**(3) Total Network Resources equals 2(a)(1) + 2(a)(2)**

**(b) Local Resource Serving Load Behind the Meter<sup>2</sup>**

<b>Local Resource</b>	<b>Capacity (MW)</b>	<b>Balancing Authority</b>	<b>Associated POD</b>
Evergreen BioPower (QF Power Purchase Agreement)	10	PACW	Santiam PAC NT Delivery Point
Santiam Water Control (QF Power Purchase Agreement)	0.20	PACW	Santiam PAC NT Delivery Point

**3. POINT(S) OF RECEIPT**

**(a) McNary 230 kV - PACW**

**Location:** the point in the Transmission Provider's McNary Substation where the 230 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 230 kV;

**Metering:** scheduled quantities;

**Balancing Authority:** PACW.

<sup>1</sup> Designated capacity amounts are determined according to Section 5(b) of the South Idaho Exchange Contract No. DE-MS79-89BP92524.

<sup>2</sup> Local Resources Serving Load Behind the Meter is not Declared Customer-Served Load as it is defined in Transmission Provider's NT-10 Rate Schedule.

**(b) Yamsay 230 kV**

**Location:** the point where the Transmission Provider's Redmond-Yamsay 230 kV transmission line and the PacificCorp's Yamsay-Klamath Falls 230 kV transmission line are connected;

**Voltage:** 230 kV;

**Metering:** scheduled quantities;

**Balancing Authority:** PACW

**Exceptions:** see Other Provisions in Section 9(a)(2).

**(c) Summer Lake 500 kV**

**Location:** the points in the Transmission Provider's Summer Lake Substation, where the 500 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 500 kV;

**Metering:** scheduled quantities;

**Balancing Authority:** PACW.

**(d) Vantage 230 kV - MIDCR**

**Location:** the points in the Transmission Provider's Vantage Substation where the 230 kV facilities of the Transmission Provider and Grant County Public Utility District No. 2 are connected for the Mid C Remote Resource;

**Voltage:** 230 kV;

**Metering:** scheduled quantities;

**Balancing Authority:** BPAT.

**(e) Reston 230 kV**

**Location:** the point in the Transmission Provider's Reston Switching Station, where the 230 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 230 kV;



**Metering:** scheduled quantities;

**Balancing Authority:** PACW

**Exceptions:** see Other Provisions in Section 9(a)(3).

(f) **Federal Columbia River Power System (FCRPS)**

**Location:** FCRPS;

**Voltage:** varies by facility;

**Metering:** scheduled quantities;

**Balancing Authority:** BPAT

4. **POINT(S) OF DELIVERY**

(a) **Bandon PAC NT Delivery Point**

(1) **Bandon 12.5 kV - PACW**

**Location:** the point in the Transmission Provider's Bandon Substation where the 12.5 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 12.5 kV;

**Metering:** metered quantities (see Exceptions below);

**Metering Loss Adjustment:** see Exceptions below;

**Balancing Authority:** BPAT;

**Exceptions:** see Other Provisions in Section 9(b).

(b) **Coos PAC NT Delivery Point**

(1) **Fairview 115 kV - PACW**

**Location:** the point in the Transmission Provider's Fairview Substation, where the 115 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 115 kV;

**Metering:** metered quantities (see Exceptions below);

**Metering Loss Adjustment:** see Exceptions below;

**Balancing Authority:** PACW;

**Exceptions:** see Other Provisions in Section 9(b).

(c) **Salem PAC NT Delivery Point**

(1) **Salem 115 kV - PACW**

**Location:** the point in the Transmission Provider's Salem Substation, where the 115 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 115 kV;

**Metering:** metered quantities (see Exceptions below);

**Metering Loss Adjustment:** see Exceptions below;

**Balancing Authority:** PACW;

**Exceptions:** see Other Provisions in Section 9(b).

(2) **Boyer 115 kV**

**Location:** the points near structure 34/6 of the Transmission Provider's Salem-Tillamook 115 kV transmission line where the facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 115 kV;

**Metering:** metered quantities (see Exceptions below);

**Metering Loss Adjustment:** see Exceptions below;

**Balancing Authority:** PACW;

**Exceptions:** see Other Provisions in Section 9(b).

(d) **De Moss PAC NT Delivery Point**

(1) **Klondike 69 kV**

**Location:** the point adjacent to Wasco Electric Cooperative's Klondike Substation where the 69 kV facilities of PacifiCorp and Wasco Electric Cooperative are connected;

**Voltage:** 69 kV;

**Metering:** metered quantities (see Exceptions below);

**Metering Loss Adjustment:** see Exceptions below;

**Balancing Authority:** BPAT;

**Exceptions:** see Other Provisions in Section 9(b).

(2) **Gordon Hollow 69 kV**

**Location:** the point at structure 1/2 on the Transmission Provider's DeMoss-Fossil 69 kV transmission line where PacifiCorp's Gordon Hollow tap line is connected;

**Voltage:** 69 kV;

**Metering:** metered quantities (see Exceptions below);

**Metering Loss Adjustment:** see Exceptions below;

**Balancing Authority:** BPAT;

**Exceptions:** see Other Provisions in Section 9(b).

(e) **Santiam PAC NT Delivery Point**

(1) **Santiam 69 kV - PACW**

**Location:** the point in the Transmission Provider's Santiam Substation, where the 69 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 69 kV;

**Metering:** metered quantities (see Exceptions below);

**Metering Loss Adjustment:** see Exceptions below;

**Balancing Authority:** PACW;

**Exceptions:** see Other Provisions in Section 9(b).

**(f) Yakima PAC NT Delivery Point**

**(1) Wine Country NT 230 kV**

**Location:** the point in PacifiCorp's Wine Country Substation, where the 230 kV facilities of the Transmission Provider and PacifiCorp are connected for service to PacifiCorp's Yakima Network Loads;

**Voltage:** 230 kV;

**Metering:** metered quantities (see Exceptions below);

**Metering Loss Adjustment:** see Exceptions below;

**Balancing Authority:** PACW;

**Exceptions:** see Other Provisions in Section 9(b).

**(g) Pendleton PAC NT Delivery Point**

**(1) Roundup 69 kV**

**Location:** the points in the Transmission Provider's Roundup Substation, where the 69 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 69 kV;

**Metering:** metered quantities (see Exceptions below);

**Metering Loss Adjustment:** see Exceptions below;

**Balancing Authority:** PACW;

**Exceptions:** see Other Provisions in Section 9(b).

**(2) Roundup 230 kV**

**Location:** the point in Transmission Provider's Roundup substation where the 230 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 230 kV;

**Metering:** metered quantities (see Exceptions below);

**Metering Loss Adjustment:** see Exceptions below;

**Balancing Authority:** PACW;

**Exceptions:** see Other Provisions in Section 9(b).

**(h) Albany PAC NT Delivery Point**

**(1) Albany 12.5 kV - PAC**

**Location:** the point in the Transmission Provider's Albany Substation, where the 12.5 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 12.5 kV;

**Metering:** metered quantities (see Exceptions below);

**Metering Loss Adjustment:** see Exceptions below;

**Balancing Authority:** PACW;

**Exceptions:** see Other Provisions in Section 9(b).

**5. NETWORK LOAD**

The Application provides the Transmission Customer's initial annual load and resource information. Annual load and resource information updates shall be submitted to the Transmission Provider at the address specified in Exhibit D, by September 30 of each year, unless otherwise agreed to by the Transmission Provider and the Transmission Customer.

**6. DESIGNATION OF PARTY(IES) SUBJECT TO RECIPROCAL SERVICE OBLIGATION**

Transmission Customer and its affiliates (if they own or control transmission facilities).

**7. NAMES OF ANY INTERVENING SYSTEMS PROVIDING TRANSMISSION SERVICE**

None.

**8. SERVICE AGREEMENT CHARGES**

Service under this Agreement will be subject to some combination of the charges detailed below and in Exhibit B and C.

- (a) Transmission Charge: Base Charge and Load Shaping Charge.
- (b) System Impact and/or Facilities Study Charge(s): none.
- (c) Direct Assignment Facilities Charges: none.
- (d) Ancillary Service Charges: Described in Exhibit C of this Agreement.

**9. OTHER PROVISIONS SPECIFIC TO THIS SERVICE AGREEMENT**

**(a) Scheduling:**

- (1) The Transmission Customer may dynamically transfer transmission under this agreement to the extent and in the manner provided for in the Transmission Provider's Business Practices, as revised or superseded.
- (2) The Yamsay 230kV reservation point under Section 3(b) will be registered by PacifiCorp as a reservation and scheduling point no later than December 1, 2009. Until such time, the Yamsay 230 kV point will be scheduled as BPAT.PACW.
- (3) The Reston 230kV reservation point under Section 3(e) will be registered by PacifiCorp as a reservation and scheduling point no later than December 1, 2009. Until such time, the Reston 230 kV point will be scheduled as BPAT.PACW.

- (b) Metering:** To the extent that metering in place at the time of execution of this Agreement is not consistent with metering normally used for Transmission Provider's billing or operating purposes for the type of transmission service provided under this Agreement, the Transmission Provider, in consultation with the Transmission Customer, shall determine the appropriate metering, and make reasonable efforts to install such metering and communications within eighteen (18) months of execution of

this Agreement. Until such metering and communications are in place, for any discrete load pocket for which hourly interval metering is not available, the Transmission Customer will provide hourly amounts of Network Load at such points for use in Transmission Billing. Transmission Customer shall provide information, such as meter amounts of consumer loads, to support such amounts if requested by Transmission Provider. In cases where the point of metering is not located at the POD, metered quantities shall be adjusted for losses.

- (c) **Network Operating Procedures:** In accordance with the then applicable transmission tariff, Transmission Provider may develop procedures for redispatch of Network Resources of Transmission Customer and other Transmission Customers and may develop any other procedures necessary to ensure reliable operation of the Transmission System that pertain to, and consistent with, service under Part III of the Tariff ("Network Operating Procedures"). The Network Operating Procedures will be adopted after a public process that will include, but not be limited to, consultation with Transmission Customers and consideration of comments. Transmission Provider will use a similar process for any modifications to such procedures including, but not limited to, modifications resulting from changes to the Tariff. Once Network Operating Procedures are adopted in accordance with such process, the Transmission Customer shall comply with such procedures.

The Transmission Provider and Transmission Customer shall negotiate in good faith a Network Operating Agreement to address the unique technical and operational matters associated with providing Transmission Customer service under Part III of the Tariff.

Upon declararation of a "system emergency," Transmission Provider will initiate Emergency Redispatch of Transmission Provider's Network Resources, as provided in Attachment M, and of Transmission Customer's Network Resources, to the extent required to mitigate the system emergency and avoid violation of the Transmission Provider's non-power constraints.

**EXHIBIT B**  
**DIRECT ASSIGNMENT AND USE-OF-FACILITIES CHARGES**

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**EXHIBIT C  
ANCILLARY SERVICE CHARGES**

This Exhibit C is subject to the ACS-10 Rate Schedule or its successor rate schedule.

		<b>Provided by</b>	<b>Contract No.</b>
1.	<b>SCHEDULING, SYSTEM CONTROL AND DISPATCH</b>	Transmission Provider	09TX-14534
2.	<b>REACTIVE SUPPLY AND VOLTAGE CONTROL</b>	Transmission Provider	09TX-14534
3.	<b>REGULATION &amp; FREQUENCY RESPONSE</b>	Transmission Provider <sup>1</sup>	09TX-14534
4.	<b>ENERGY IMBALANCE SERVICE</b>	Transmission Provider <sup>1</sup>	09TX-14534
5.	<b>OPERATING RESERVES – SPINNING RESERVE</b>	Transmission Customer	
6.	<b>OPERATING RESERVES – SUPPLEMENTAL RESERVE</b>	Transmission Customer	

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<sup>1</sup> This service is only applicable where Transmission Customer has load being served in the Bonneville Power Administration Balancing Authority.

**EXHIBIT D  
NOTICES**

**1. NOTICES RELATING TO PROVISIONS OF THE SERVICE AGREEMENT**

Any notice or other communication related to this Service Agreement, other than notices of an operating nature (section 2 below), shall be in writing and shall be deemed to have been received if delivered in person, by First Class mail, by telefax or sent by overnight delivery service.

**If to the Transmission Customer:**

PacifiCorp  
825 NE Multnomah St., Ste 600  
Portland, OR 97232  
Attention: Director, Contracts  
Administration, Commercial &  
Trading, PacifiCorp Energy  
Phone: (503) 813-5000  
Fax: (503) 813-6291

**If to the Transmission Provider:**

Bonneville Power Administration  
P.O. Box 61409  
Vancouver, WA 98666-1409  
Attention: Transmission Account  
Executive for PacifiCorp – TSE/TPP-2  
Phone: (360) 619-6016  
Fax: (360) 619-6940

**2. NOTICES OF AN OPERATING NATURE**

Any notice, request, or demand of an operating nature by the Transmission Provider or the Transmission Customer shall be made either orally or in writing by telefax or sent by first class mail.

**If to the Transmission Customer:**

PacifiCorp  
825 NE Multnomah St., Ste 600  
Portland, OR 97232  
Attention: Manager of Trading  
Phone: (503) 813-5365  
Fax: (503) 813-5512

**If to the Transmission Provider:**

Bonneville Power Administration  
P.O. Box 491  
Vancouver, WA 98666-0491  
Attention: Internal Operations  
Manager  
Phone: (360) 418-2115  
Fax: (360) 418-2261

Assign Ref	Customer	Queued Time	Status	Confirmation Date	Request Type	MW Req
73433262	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	2
73433269	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	2
73433278	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	2
73433280	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	2
73433286	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	2
73433453	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	138
73433458	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	138
73433462	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	138
73433467	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	138
73433481	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	104
73433484	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	104
73433488	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	104
73433491	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	104
73433519	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	8
73433522	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	8
73433530	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	8
73433537	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	8
73433543	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	8
73433597	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	87
73433605	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	87
73433614	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	87
73433615	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	87
73433618	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	87
73433640	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	87
73433642	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	87
73433646	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	87
73433647	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	87
73433651	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	87
73433672	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	54
73433677	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	54
73433679	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	54
73433682	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	54
73433693	PAC	2009-09-23 0	CONFIRMED	10/28/2009	RENEWAL	54
73433914	PAC	2009-09-23 1	CONFIRMED	10/28/2009	RENEWAL	17
73433921	PAC	2009-09-23 1	CONFIRMED	10/28/2009	RENEWAL	17
73433929	PAC	2009-09-23 1	CONFIRMED	10/28/2009	RENEWAL	17
73433939	PAC	2009-09-23 1	CONFIRMED	10/28/2009	RENEWAL	17
73433943	PAC	2009-09-23 1	CONFIRMED	10/28/2009	RENEWAL	17
73434024	PAC	2009-09-23 1	CONFIRMED	10/28/2009	RENEWAL	87
73434032	PAC	2009-09-23 1	CONFIRMED	10/28/2009	RENEWAL	87
73454330	PAC	2009-09-30 1	CONFIRMED	10/28/2009	RENEWAL	100
73454348	PAC	2009-09-30 1	CONFIRMED	10/28/2009	RENEWAL	100

**EXHIBIT A, REVISION NO. 8  
SPECIFICATIONS FOR  
NETWORK INTEGRATION TRANSMISSION SERVICE**

**TRANSMISSION SERVICE REQUEST**

Assign Ref is: See section 2

*This Exhibit A, Revision No. 8 (Revision) replaces Exhibit A, Revision 7 in its entirety and reflects the following: 1) renewal of Network Integration Transmission Service, effective November 1, 2019, consistent with Letter Agreement dated November 30, 2018, related to the TC-20 Settlement Agreement; 2) updates section 2(a), Point of Receipt and Source information and associated Assign Refs; 3) removes information pertaining to the off-system resource delivered at Yamsay 230/BPAT.PACW, which has been combined with the off-system Resource delivered at AlveyPACW/Reston230 Point of Receipt; 4) incorporates service provided under agreement No. 00TX-10327 for delivery to Hood River; and 5) updates section 3, Points of Receipt, to match the changes to section 2(a).*

**1. TERM OF TRANSACTION**

Service Agreement Commencement Date: at 0000 hours on November 1, 2019.

Service Agreement Termination Date: at 0000 hours on November 1, 2024.

**2. NETWORK RESOURCES**

Pursuant to section 29.2 and 30.2 of Transmission Provider's Tariff, Transmission Customer has designated the following Network Resources:

(a) **Generation Owned by the Transmission Customer**

<b>Resource Name</b>	<b>Start Date</b>	<b>Stop Date</b>	<b>Designated Capacity (MW)<sup>1</sup></b>	<b>Point of Receipt &amp; Source</b>	<b>Balancing Authority</b>	<b>Associated Assign Ref</b>
Off-System Resource delivered at Alvey/Reston (System Power)	11/1/2019	11/1/2024	343	ALVEYPAC/ ALVEYRESTONPAC	PACW	89258081, 89258043, 89251929, 89251649, 89251610, 89251551, 89251495, 89251444, 89251437
Off-System Resource delivered at Vantage (System Power) <sup>2</sup>	11/1/2019	11/1/2024	497	MIDCREMOTE/ VANTAGE230MIDC	PACW	87913915, 87913585, 87913923, 87913577, 87913929, 87913931, 87913969, 87913977

<sup>1</sup> Capacity scheduled to Points of Delivery will be defined by the capacity stated in the associated AREFs, as may be superseded from time to time based on Transmission Customer's OASIS actions, subject to forecasted load growth in accordance with the Transmission Provider's Tariff and business practices.

<sup>2</sup> The Transmission Provider and Transmission Customer agree to negotiate in good faith regarding the inclusion of this resource as a Designated Network Resource prior to the next renewal. Negotiations will commence no later than one year prior to Transmission Customer's next deadline to provide notice to renew (10/31/2023), at Transmission Customer's request.

Off-System Resource delivered at Summer Lake (System Power)	11/1/2019	11/1/2024	400	SMLK/ SUMMERLAKE500	PACW	89272307, 89272306, 89272303, 89272145, 89272093, 89272089, 89272081, 89272073
Off-System Resource delivered at McNary (System Power)	11/1/2019	11/1/2024	443	MCNARY/ MCNARY230PACW	PACW	87914291, 87914262, 87914293, 87914250, 87914296, 87914301, 87914305, 87914311, 89251935
Merwin & Yale Generation Projects 162 MW Maximum <sup>3</sup>	9/1/2019	9/1/2022	12	CARDWELL/MERWI N115PACW	PACW	80540710
	9/1/2019	9/1/2022	3	CARDWELL/MERWI N115PACW	PACW	80540728
	9/1/2019	9/1/2022	147	CARDWELL/MERWI N115PACW	PACW	80540838
	9/1/2019	9/1/2022	11	CARDWELL/MERWI N115PACW	PACW	78286037
	9/1/2019	1/1/2020	84	CARDWELL/MERWI N115PACW	PACW	78286088
	1/1/2020	1/1/2021	85			
	1/1/2021	1/1/2022	86			
	1/1/2022	9/1/2022	87			
	9/1/2019	1/1/2020	124	CARDWELL/MERWI N115PACW	PACW	78286118
	1/1/2020	1/1/2021	126			
	1/1/2021	1/1/2022	127			
	1/1/2022	9/1/2022	129			
	9/1/2019	1/1/2020	58	CARDWELL/MERWI N115PACW	PACW	80142309
	1/1/2020	9/1/2022	59			
	9/1/2019	1/1/2020	106	CARDWELL/MERWI N115PACW	PACW	79767004
	1/1/2020	1/1/2021	107			
1/1/2021	1/1/2022	108				
1/1/2022	9/1/2022	109				

<sup>3</sup> The Start and Stop Dates associated with the Merwin & Yale Generation Projects (“Projects”) reflect service that commenced 1/1/2016 with a Stop Date of 9/1/2022 under the prior Exhibit A, Revision 7, qualifying the service for rollover and right of first refusal under section 2.2 of the Transmission Provider’s Tariff. Notice of intent to renew the service associated with these Projects may be provided up to 8/31/2021. Renewal of this service prior to 10/31/2023 will not subject other resources or contract provisions in this Network Integration Transmission Service Agreement to early review or negotiation.

(b) **Generation Purchased by the Transmission Customer**

<b>Source (Contract No.) or Resource Name</b>	<b>Designated Capacity (MW)</b>	<b>Point of Receipt / Source</b>	<b>Balancing Authority</b>	<b>Service Start &amp; Stop Date</b>	<b>Assign Ref</b>
N/A	N/A	N/A	N/A	N/A	N/A

**3. POINT(S) OF RECEIPT**

(a) **Federal Generation Point(s) of Receipt**

Not applicable.

(b) **Non-Federal Generation Point(s) of Receipt**

(1) **BPA POR Name: MCNARY**

**Source:** MCNARY230PACW;

**Balancing Authority:** PACW;

**Transmission Customer Point of Receipt:** McNary 230 kV  
- PACW;

**POR Number:** 3649

**Location:** the point in the Transmission Provider's McNary Substation, where the 230 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 230 kV;

**Metering:** scheduled quantity;

**Metering Loss Adjustment:** not applicable;

**Exceptions:** not applicable.

(2) **BPA POR Name:** CARDWELL;

**Source:** MERWIN115PACW;

**Balancing Authority:** PACW;

**Transmission Customer Point of Receipt:** Merwin 115 kV  
- PACW;

**POR Number:** 4426;

**Location:** the point at the Transmission Provider's Cardwell Substation, where the 115 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 115 kV;

**Metering:** scheduled quantity;

**Metering Loss Adjustment:** not applicable;

**Exceptions:** not applicable.

(3) **BPA POR Name:** ALVEYPAC;

**Source:** ALVEYRESTONPAC;

**Balancing Authority:** PACW;

(A) **Transmission Customer Point of Receipt:** Alvey 230 kV –  
PACW;

**POR Number:** 3226;

**Location:** the point in the Transmission Provider's J. P. Alvey Substation, where the 230 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 230 kV;

**Metering:** scheduled quantity;

**Metering Loss Adjustment:** not applicable;

**Exceptions:** not applicable.

(B) **Transmission Customer Point of Receipt:** Alvey 500 kV;

**POR Number:** 3229;

**Location:** the points in the Transmission Provider's J. P. Alvey Substation, where the 500 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 500 kV;

**Metering:** scheduled quantity;

**Metering Loss Adjustment:** not applicable;

**Exceptions:** not applicable.

(C) **Transmission Customer Point of Receipt:** Reston 230 kV;

**POR Number:** 3815;

**Location:** the point in the Transmission Provider's Reston Switching Station, where the 230 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 230 kV;

**Metering:** scheduled quantity;

**Metering Loss Adjustment:** not applicable;

**Exceptions:** not applicable.

(4) **BPA POR Name:** SMLK

**Source:** SUMMERLAKE500;

**Balancing Authority:** PACW;

**Transmission Customer Point of Receipt:** Summer Lake 500 kV;

**POR Number:** 3907;

**Location:** the points in the Transmission Provider's Summer Lake Substation, where the 500 kV facilities of the Transmission Provider and PacifiCorp are connected;



**Voltage:** 500 kV;

**Metering:** scheduled quantity;

**Metering Loss Adjustment:** not applicable;

**Exceptions:** not applicable.

(5) **BPA POR Name:** MIDCREMOTE

**Source:** VANTAGE230MIDC;

**Balancing Authority:** Participants;<sup>4</sup>

**Transmission Customer Point of Receipt:** Vantage 230 kV MIDCR;

**POR Number:** 3978;

**Location:** the points in the Transmission Provider's Vantage Substation where the 230 kV facilities of the Transmission Provider and Grant County Public Utility District No. 2 are connected for the Mid C Remote Resource;

**Voltage:** 230 kV;

**Metering:** scheduled quantity;

**Metering Loss Adjustment:** not applicable;

**Exceptions:** not applicable.

#### 4. POINT(S) OF DELIVERY

(a) **Description of Network Point(s) of Delivery:**

(1) **Albany PAC NT Delivery Point**

**BPA POD Name:** ALBANY12PAC;

**Sink:** ALBANYPACNTDP;

**Balancing Authority:** PACW;

**Transmission Customer Point of Delivery:** Albany 12.5 kV-PAC;<sup>5</sup>

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<sup>4</sup> The potential Balancing Authority Areas involved in the MIDCREMOTE at Vantage are AVA, BPAT, PAC, PGE and PSEI. The Balancing Authority Area will be identified at the time of schedule.

**BPA POD Number:** 3213;

**Location:** the point in the Transmission Provider's Albany Substation, where the 12.5 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 12.5 kV;

**Metering:** in the Transmission Provider's Albany Substation in the 12.5 kV circuits over which electric power flows;

**BPA Meter Point Name:** Albany 12.5 kV PACW;

**BPA Meter Point Number:** 3658;

**Direction for Billing Purposes:** positive;

**Manner of Service:** the Transmission Customer is directly connected to the Transmission Provider;

**Metering Loss Adjustment:** not applicable;

**Exceptions:** not applicable.

(2) **Bandon PAC NT Delivery Point**

**BPA POD Name:** BANDONPAC;

**Sink:** BANDONPACNTDP;

**Balancing Authority:** BPAT;

**Transmission Customer Point of Delivery:** Bandon 12.5 kV – PACW;<sup>5</sup>

**BPA POD Number:** 3249;

**Location:** the point in the Transmission Provider's Bandon Substation, where the 12.5 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 12.5 kV;

**Metering:** in the Transmission Provider's Bandon Substation in the 12.5 kV circuit over which electric power flows;

**BPA Meter Point Name:** Bandon 115 kV PACW;

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<sup>5</sup> This delivery point is subject to a low voltage delivery charge.

**BPA Meter Point Number:** 512;

**Direction for Billing Purposes:** positive;

**Manner of Service:** the Transmission Customer is directly connected to the Transmission Provider;

**Metering Loss Adjustment:** not applicable;

**Exceptions:** not applicable.

(3) **Coos PAC NT Delivery Point**

**BPA POD Name:** COOSPAC;

**Sink:** COOSPACNTDP;

**Balancing Authority:** PACW;

(A) **Transmission Customer Point of Delivery:** Fairview  
115 kV - PACW;

**BPA POD Number:** 3449;

**Location:** the point in the Transmission Provider's Fairview Substation, where the 115 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 115 kV;

**Metering:** in the Transmission Provider's Fairview Substation in the 115 kV circuits over which electric power flows;

**BPA Meter Point Name:** Fairview 115 kV PACW;

**BPA Meter Point Number:** 3659;

**Direction for Billing Purposes:** positive;

**Manner of Service:** the Transmission Customer is directly connected to the Transmission Provider;

**Metering Loss Adjustment:** not applicable;

**Exceptions:** not applicable.

(B) **Transmission Customer Point of Delivery:** Fairview  
230 kV - PACW;

**BPA POD Number:** 3450;

**Location:** the point in the Transmission Provider's Fairview Substation, where the 230 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 230 kV;

**Metering:** in the Transmission Provider's Fairview Substation in the 230 kV circuits over which electric power flows;

**BPA Meter Point Name:** Fairview 230 kV PACW;

**BPA Meter Point Number:** 3660;

**Direction for Billing Purposes:** positive;

**Manner of Service:** the Transmission Customer is directly connected to the Transmission Provider;

**Metering Loss Adjustment:** not applicable;

**Exceptions:** not applicable.

(4) **De Moss PAC NT Delivery Point**

**BPA POD Name:** DEMOSSPAC;

**Sink:** DEMOSSPACNTDP;

**Balancing Authority:** BPAT;

(A) **Transmission Customer Point of Delivery:** Gordon Hollow  
69 kV;

**BPA POD Number:** 3499;

**Location:** the point near PacifiCorp's Gordon Hollow substation where the 69 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 69 kV;

**Metering:** in PacifiCorp's Gordon Hollow Substation, in the 20.8 kV facilities over which electric power flows;

**BPA Meter Point Name:** Gordon Hollow Out;

**BPA Meter Point Number:** 27;

**Direction for Billing Purposes:** positive;

**Manner of Service:** the Transmission Customer is directly connected to the Transmission Provider;

**Metering Loss Adjustment:** the Transmission Provider may adjust for losses between the Point of Delivery and points of metering. Such adjustments shall be specified in writing between the Transmission Provider and the Transmission Customer;

**Exceptions:** not applicable.

(B) **Transfer Point of Delivery**<sup>6</sup>: De Moss 69 kV;

**Transfer BPA POD Number:** 178;

**Transfer Location:** the point in the Transmission Provider's De Moss Substation, where the facilities of the Transmission Provider and Wasco Electric Cooperative, Inc. are connected;

**Transfer Voltage:** 69 kV;

**Transmission Customer Point of Delivery:** Klondike 69 kV;

**BPA POD Number:** 3594;

**Location:** the point near Wasco Electric Cooperative's Klondike Substation where the 69 kV facilities of PacifiCorp and Wasco Electric Cooperative are connected;

**Voltage:** 69 kV;

**Metering:** in PacifiCorp's Blalock Tap in the 69 kV circuit over which electric power flows;

(i) **BPA Meter Point Name:** Klondike (Blalock Tap) Out;

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<sup>6</sup> "Transfer Point of Delivery" means the point where the Transmission Provider delivers power to the Intervening System.

**BPA Meter Point Number:** 99;

**Direction for Billing Purposes:** positive;

**Manner of Service:** the Transmission Customer is served by transfer over transmission facilities owned by Wasco Electric Cooperative, Inc.;

(ii) **BPA Meter Point Name:** Klondike (Blalock Tap) In;

**BPA Meter Point Number:** 2753;

**Direction for Billing Purposes:** negative;

**Manner of Service:** the Transmission Customer is served by transfer over transmission facilities owned by Wasco Electric Cooperative, Inc.;

**Metering Loss Adjustment:** the Transmission Provider may adjust for losses between the Point of Delivery and points of metering. Such adjustments shall be specified in writing between the Transmission Provider and the Transmission Customer;

**Exceptions:** not applicable.

(5) **Hood River PAC NT Delivery Point**

**BPA POD Name:** HOODRIVERPAC;

**Sink:** PACHOODRVRNTDP;

**Balancing Authority:** PACW;

(A) **Transmission Customer Point of Delivery:** Bald Mountain 69 kV;

**BPA POD Number:** 211;

**Location:** the points in the Transmission Provider's Bald Mountain Substation, where the 69 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 69 kV;

**Metering:** in the 69 kV circuits over which electric power and energy flows;

- (i) **BPA Meter Point Name:** Bald Mountain PAC;  
**BPA Meter Point Number:** 4092;  
**Direction for Billing Purposes:** positive;  
  
**Manner of Service:** the Transmission Customer is directly connected to the Transmission Provider;
- (ii) **BPA Meter Point Name:** Bingen Out;  
**BPA Meter Point Number:** 693;  
**Direction for Billing Purposes:** negative;  
  
**Manner of Service:** Klickitat Public Utility District load service directly connected to the Transmission Customer;
- (iii) **BPA Meter Point Name:** Bingen In;  
**BPA Meter Point Number:** 1441;  
**Direction for Billing Purposes:** positive;  
  
**Manner of Service:** Klickitat Public Utility District generation directly connected to the Transmission Customer;

**Metering Loss Adjustment:** not applicable;

**Exceptions:** the net powerflow at Bingen Substation is “out” from Transmission Provider, adjusted for losses to Bald Mountain, minus “in” from Klickitat Public Utility District.

- (B) **Transmission Customer Point of Delivery:** Hood River 115 kV;  
**BPA POD Number:** 329;  
  
**Location:** the point in the Transmission Provider's Hood River Substation where the 115 kV facilities of PacifiCorp and the Transmission Provider are connected;  
  
**Voltage:** 115 kV;  
  
**Metering:** in the 115 kV circuits over which electric power and energy flows;

- (i) **BPA Meter Point Name:** Hood River PPL;  
**BPA Meter Point Number:** 3715;  
**Direction for Billing Purposes:** positive;  
**Manner of Service:** the Transmission Customer is directly connected to the Transmission Provider;
- (ii) **BPA Meter Point Name:** Generation PAC Farmers In;  
**BPA Meter Point Number:** 3831;  
**Direction for Billing Purposes:** positive;  
**Manner of Service:** local generation from Farmer's Irrigation District Plant #2 directly connected to the Transmission Customer;
- (iii) **BPA Meter Point Name:** Willard Johnson Out;  
**BPA Meter Point Number:** 686;  
**Direction for Billing Purposes:** negative;  
**Manner of Service:** load service to Hood River Electric Cooperative reducing the Transmission Customer load;

**Metering Loss Adjustment:** not applicable;

**Exceptions:** not applicable.

(6) **Pendleton PAC NT Delivery Point**

**BPA POD Name:** PENDLETONPAC;

**Sink:** PNDLTONPACNTDP;

**Balancing Authority:** PACW;

(A) **Transmission Customer Point of Delivery:** Roundup 69 kV;

**BPA POD Number:** 3829;



**Location:** the points in the Transmission Provider's Roundup Substation, where the 69 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 69 kV;

**Metering:** in the Transmission Provider's Roundup Substation, in the 69 kV circuits over which electric power flows;

(i) **BPA Meter Point Name:** Roundup 69 kV PACW;

**BPA Meter Point Number:** 3661;

**Direction for Billing Purposes:** positive;

**Manner of Service:** the Transmission Customer is directly connected to the Transmission Provider;

**Metering:** at the Chopin Wind Farm generation collector substation;

(ii) **BPA Meter Point Name:** Chopin Wind GENR In;

**BPA Meter Point Number:** 5075;

**Direction for Billing Purposes:** positive;

**Manner of Service:** Chopin Wind generation is directly connected to PacifiCorp's local system at Weston Substation;

**Metering Loss Adjustment:** the Transmission Provider may adjust for losses between the Point of Delivery and points of metering. Such adjustments shall be specified in writing between the Transmission Provider and the Transmission Customer;

**Exceptions:**

- (i) metering is combined in a Virtual Meter Point (VM 8311);<sup>7</sup>
- (ii) Chopin Wind is not a PacifiCorp designated resource.

(B) **Transmission Customer Point of Delivery:** Roundup 230 kV;

**BPA POD Number:** 3828;

**Location:** the point in the Transmission Provider's Roundup Substation, where the 230 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 230 kV;

**Metering:** in the Transmission Provider's Roundup and Pendleton Substations, in the 69 kV circuits over which electric power flows;

**Exceptions:**

- (i) metering is combined in a Virtual Meter Point (VM 8311);<sup>7</sup>
- (ii) Chopin Wind is not a PacifiCorp designated resource.

(C) **Transmission Customer Point of Delivery:** Pendleton 69 kV-PACW;

**BPA POD Number:** 3761;

**Location:** the point near the Transmission Provider's Pendleton Substation, where the 69 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 69 kV;

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<sup>7</sup> Quantities will be adjusted to subtract power flowing to Umatilla Electric Cooperative Association (Meter Point Number 1082) and Columbia Power Cooperative Association (Meter Point Number 267) at Transmission Customer's Pilot Rock Substation, and to add power flowing in from Chopin Wind (Meter Point Number 5075). BPA Meter Point Number 3661 measures power flowing over both the 230 kV and 69 kV connections, which are not separately metered. For billing purposes, the total delivery of power at Meter Point No. 3661 (Roundup 230 kV & 69 kV) and Meter Point Number 3662 (the Transmission Provider's Pendleton 69 kV) is captured in Virtual Meter (VM) 8311, as follows: Meter Point Number 3661 + Meter Point Number 3662 – (Meter Point Number 1082 + Meter Point Number 267) + Meter Point Number 5075.

**Metering:** In the Transmission Provider's Pendleton Substation, in the 69 kV circuits over which electric power flows;

**BPA Meter Point Name:** Pendleton 69 kV PACW;

**BPA Meter Point Number:** 3662;

**Direction for Billing Purposes:** positive;

**Manner of Service:** the Transmission Customer is directly connected to the Transmission Provider;

**Metering Loss Adjustment:** the Transmission Provider may adjust for losses between the Point of Delivery and points of metering. Such adjustments shall be specified in writing between the Transmission Provider and the Transmission Customer;

**Exceptions:**

- (i) metering is combined in a Virtual Meter Point (VM 8311);<sup>7</sup>
- (ii) Chopin Wind is not a PacifiCorp designated resource.

(7) **Salem PAC NT Delivery Point**

**BPA POD Name:** SALEMPAC;

**Sink:** SALEMPACNTDP;

**Balancing Authority:** PACW;

(A) **Transmission Customer Point of Delivery:** Boyer 115 kV;

**BPA POD Number:** 3293;

**Location:** the point in the PacifiCorp Boyer Switching Station, where the 115 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 115 kV;

**Metering:** in PacifiCorp's Boyer Switching Station, in the 115 kV circuits over which electric power flows;

- (i) **BPA Meter Point Name:** Boyer #1 Out;  
**BPA Meter Point Number:** 1030;  
**Direction for Billing Purposes:** positive;  
**Manner of Service:** the Transmission Customer is directly connected to the Transmission Provider;
- (ii) **BPA Meter Point Name:** Boyer #1 In;  
**BPA Meter Point Number:** 1950;  
**Direction for Billing Purposes:** negative;  
**Manner of Service:** the Transmission Customer is directly connected to the Transmission Provider;
- (iii) **BPA Meter Point Name:** Boyer #2 Out;  
**BPA Meter Point Number:** 1031;  
**Direction for Billing Purposes:** positive;  
**Manner of Service:** the Transmission Customer is directly connected to the Transmission Provider;
- (iv) **BPA Meter Point Name:** Boyer #2 In;  
**BPA Meter Point Number:** 1951;  
**Direction for Billing Purposes:** negative;  
**Manner of Service:** the Transmission Customer is directly connected to the Transmission Provider;  
**Metering Loss Adjustment:** not applicable;  
**Exceptions:** not applicable.

(B) **Transmission Customer Point of Delivery:** Salem 115 kV - PACW;

**BPA POD Number:** 3836;

**Balancing Authority:** PACW;

**Location:** the point in the Transmission Provider's Salem Substation, where the 115 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 115 kV;

**Metering:** in Salem Substation in the 115 kV circuit over which electric power flows;

(i) **BPA Meter Point Name:** 115KV PAC SALEM INTERCH;

**BPA Meter Point Number:** 3663;

**Direction for Billing Purposes:** positive;

**Manner of Service:** the Transmission Customer is directly connected to the Transmission Provider;

**Metering:** in PacifiCorp's MonPac Substation in the 115 kV circuit over which electric power flows;

(ii) **BPA Meter Point Name:** Monmouth PAC Out;

**BPA Meter Point Number:** 418;

**Direction for Billing Purposes:** positive;

**Manner of Service:** the Transmission Customer is directly connected to the Transmission Provider;

**Metering Loss Adjustment:** not applicable;

**Exceptions:** not applicable.

(8) **Santiam PAC NT Delivery Point**

**BPA POD Name:** SANTIAMPAC;

**Sink:** SANTIAMPACNTDP;

**Balancing Authority:** PACW;

**Transmission Customer Point of Delivery:** Santiam 69 kV  
-PACW;

**BPA POD Number:** 3849;

**Location:** the point in the Transmission Provider's Santiam Substation, where the 69 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 69 kV;

**Metering:** in the Transmission Provider's Santiam Substation, in the 69 kV circuits over which electric power flows;

(i) **BPA Meter Point Name:** Santiam 69 kV PACW;

**BPA Meter Point Number:** 3664;

**Direction for Billing Purposes:** positive;

**Manner of Service:** the Transmission Customer is directly connected to the Transmission Provider.

**Metering:** at the Evergreen BioPower Generation Plant;

(ii) **BPA Meter Point Name:** Evergreen BioPower In;

**BPA Meter Point Number:** 3370;

**Direction for Billing Purposes:** positive;

**Manner of Service:** Evergreen BioPower generation is directly connected to PacifiCorp's local system.

**Metering:** at Stayton Hydro Generation Plant;

(iii) **BPA Meter Point Name:** Santiam (Stayton Hydro) In;

**BPA Meter Point Number:** 3369;

**Direction for Billing Purposes:** positive;

**Manner of Service:** Stayton Hydro generation is directly connected to PacifiCorp's local system.

**Metering Loss Adjustment:** the Transmission Provider may adjust for losses between the Point of Delivery and points of metering. Such adjustments shall be specified in writing between the Transmission Provider and the Transmission Customer;

**Exceptions:**

- (i) the 230/69 kV transformer bank at the Transmission Provider's Santiam Substation is owned by the Transmission Customer;
- (ii) Evergreen BioPower and Stayton Hydro are not PacifiCorp designated resources;
- (iii) Total retail load at Santiam is the sum of Meter Point Numbers 3664 and 3370, plus Meter Point Number 3369 if the normally open switch at Stayton is closed on a long-term basis.

(9) **Yakima PAC NT Delivery Point**

**BPA POD Name:** YAKIMAPAC;

**Sink:** YAKIMAPACNTDP;

**Balancing Authority:** PACW;

**Transmission Customer Point of Delivery:** Wine Country NT 230 kV;

**BPA POD Number:** 4352;

**Location:** the points in the Wine Country Substation where the 230 kV facilities of the Transmission Provider and PacifiCorp are connected;

**Voltage:** 230 kV;

**Metering:** in PacifiCorp's Wine Country Substation in the 115 kV circuits over which electric power flows;

(i) **BPA Meter Point Name:** Grandview PAC Out;

**BPA Meter Point Number:** 3365;

**Direction for Billing Purposes:** positive;

**Manner of Service:** the Transmission Customer is directly connected to the Transmission Provider;

(ii) **BPA Meter Point Name:** Sulphur Creek Out;

**BPA Meter Point Number:** 3366;

**Direction for Billing Purposes:** positive;

**Manner of Service:** the Transmission Customer is directly connected to the Transmission Provider;

**Metering Loss Adjustment:** the Transmission Provider may adjust for losses between the Point of Delivery and points of metering. Such adjustments shall be specified in writing between the Transmission Provider and the Transmission Customer;

**Exceptions:** Meter Point Number 3365 quantities are provided by data transfer from Transmission Customer. The data provided reflects any power flowing through the normally open connection to/from the Transmission Provider's Grandview Substation.

(b) **Description of Transfer Point(s) of Delivery**

See section 4(a)(4)(B).



**5. NETWORK LOAD**

The Application provides the Transmission Customer's initial annual load and resource information. Annual load and resource information updates shall be submitted to the Transmission Provider at the address specified in Exhibit D (Notices), by September 30<sup>th</sup> of each year, unless otherwise agreed to by the Transmission Provider and the Transmission Customer.

**6. DESIGNATION OF PARTY(IES) SUBJECT TO RECIPROCAL SERVICE OBLIGATION**

Transmission Customer and its affiliates (if they own or control transmission facilities).

**7. NAMES OF ANY INTERVENING SYSTEMS PROVIDING TRANSMISSION SERVICE**

Wasco Electric Cooperative, Inc. provides transfer services for the Klondike 69 kV Transmission Customer Point of Delivery, pursuant to Contract No. 14-03-47930 between Wasco Electric Cooperative, Inc. and the Transmission Provider.

**8. SERVICE AGREEMENT CHARGES**

Service under this Agreement may be subject to some combination of the charges detailed below. (The appropriate charges for transactions will be determined in accordance with the terms and conditions of the Tariff.)

**8.1 Transmission Charge**

Network Integration Rate Schedule, or its successor, in effect at the time of service.

**Short Distance Discount**

N/A

**8.2 System Impact and/or Facilities Study Charges**

System Impact and/or Facilities Study Charges are not required for service under this Agreement.

**8.3 Direct Assignment Facilities Charges**

Facilities Charges are not required at this time for the service under this Agreement.

**8.4 Ancillary Service Charges**

Described in Exhibit C (Ancillary Service Charges) of this Agreement.

**9. OTHER PROVISIONS SPECIFIC TO THIS SERVICE AGREEMENT**

Transmission Customer has Reservation Priority rights pursuant to Transmission Provider's Tariff, Section 2.2, Reservation Priority for Existing Firm Service Customers, when service under this Exhibit A, Revision No. 8 terminates.

**10. SIGNATURES**

This Revision may be executed in several counterparts, all of which taken together will constitute one single agreement, and may be executed by electronic signature and delivered electronically. The parties have executed this Revision as of the last date indicated below.

PACIFICORP

UNITED STATES OF AMERICA  
Department of Energy  
Bonneville Power Administration

By: Joseph Hoerner Digitally signed by Joseph Hoerner  
Date: 2019.08.08 16:04:04 -07'00'

By: Eric H. Carter Digitally signed by ERIC CARTER  
Date: 2019.08.05 13:52:54 -07'00'

Title: VP Energy Supply Management

Title: Senior Transmission Account Executive

If opting out of the electronic signature:

By: \_\_\_\_\_

Name: \_\_\_\_\_  
(Print/Type)

Title: \_\_\_\_\_

Date: \_\_\_\_\_