

January 13, 2021

The Honorable Kimberly D. Bose
Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426

RE: PacifiCorp
Docket No. ER21-_____-000

Dear Secretary Bose:

Pursuant to Section 205 of the Federal Power Act, 16 U.S.C. § 824d (2018), Part 35 of the Federal Energy Regulatory Commission's ("Commission") regulations, 18 C.F.R. Part 35 (2019), and Order No. 714¹ regarding electronic filing of tariff submissions, PacifiCorp hereby tenders for filing the following jurisdictional agreement:

Service Agreement for Network Integration Transmission Service ("Network Service Agreement"), between Bonneville Power Administration, ("BPA") and PacifiCorp, dated January 12, 2021, to be designated as PacifiCorp Fourth Revised Service Agreement No. 538 under PacifiCorp's Volume No. 11 Open Access Transmission Tariff ("OATT").

As discussed more fully below, PacifiCorp respectfully requests the Commission accept this agreement with an effective date of December 15, 2020.

1. Background and Reason for Filing

On October 10, 2014, in Docket No. ER15-75, PacifiCorp filed with the Commission Third Revised Service Agreement No. 538 under which PacifiCorp will provide network integration transmission service to BPA's load with delivery to BPA's customer Oregon Windfarms, LLC, Echo Wind Project. The Commission accepted the filing, via letter order dated December 8, 2014, with an effective date of October 1, 2014.²

On January 12, 2021, BPA and PacifiCorp executed the Fourth Revised Network Service Agreement. This filing reflects mutually agreed upon edits to (i) Exhibit A, designated loads for network integration transmission service; and (ii) Exhibit B, BPA contract number and network resource supply dates. PacifiCorp followed its OATT procedures to evaluate and accommodate the modifications to BPA's network service. Accordingly, PacifiCorp respectfully requests that the Commission accept the Network Service Agreement, attached hereto, for filing.

¹ *Electronic Tariff Filings*, Order No. 714, 124 FERC ¶ 61,270 (2008).

² *PacifiCorp*, Letter Order, Docket No. ER15-75-000 (Dec. 8, 2014).

2. Effective Date and Request for Waiver

The Network Service Agreement is being filed within 30 days of service commencing. Therefore, in accordance with 18 C.F.R. § 35.3(a)(2), PacifiCorp requests an effective date of December 15, 2020 for the Network Service Agreement, as stated in section 4.0 of the Network Service Agreement.

To the extent that any filing requirement in Part 35 of the Commission's regulations is not satisfied by this filing and the materials enclosed herewith, PacifiCorp respectfully requests waiver of such requirements.

3. Designation

PacifiCorp requests that the Network Service Agreement be designated as PacifiCorp Fourth Revised Service Agreement No. 538.

4. Enclosures

The following enclosures are attached hereto:

Enclosure 1 Network Service Agreement between BPA and PacifiCorp, to be designated as PacifiCorp Fourth Revised Service Agreement No. 538.

Enclosure 2 Redline of Fourth Revised Service Agreement No. 538, as compared to Third Revised Service Agreement No. 538.

5. Communications

All communications and correspondence regarding this filing should be forwarded to the following persons:

Matthew P. Loftus
Senior Counsel
PacifiCorp
825 N.E. Multnomah, Suite 1600
Portland, OR 97232
(503) 813-6642
Matthew.Loftus@PacifiCorp.com

Rick Vail
Vice President, Transmission
PacifiCorp
825 N.E. Multnomah St., Suite 1600
Portland, OR 97232
(503) 813-6938
Richard.Vail@PacifiCorp.com

6. Notice

Pursuant to 18 C.F.R. § 35.2(e), a copy of this filing is being served on the following:

Daniel Yokota
Bonneville Power Administration
905 NE 11th Avenue
Routing: PSST-6

Publicity Utility Commission of Oregon
201 High St. SE, Suite 100
Salem, OR 97308
PUC.FilingCenter@state.or.us

Portland, OR 97232
dryokota@bpa.gov

Derrick Pleger
Bonneville Power Administration
905 NE 11th Avenue
Routing: PSST-6
Portland, OR 97232
dlpleger@bpa.gov

If you have any questions, or if I can be of further assistance, please do not hesitate to contact me.

Respectfully Submitted,

/s/ Matthew P. Loftus
Matthew P. Loftus
Attorney for PacifiCorp

**Service Agreement For
Network Integration Transmission Service
Under PacifiCorp's Open Access Transmission Tariff,
Volume No. 11**

- 1.0 This Service Agreement, dated as of January 12, 2021 is entered into, by and between PacifiCorp, on behalf of its transmission function ("Transmission Provider"), and Bonneville Power Administration, Power Services / BPA-PS ("Transmission Customer") for the provision of Network Integration Transmission Service to provide station service to Oregon Wind Farms, LLC, Echo Wind and Orchard Wind Projects. This Service Agreement supersedes and replaces Third Revised Service Agreement No. 538, effective October 1, 2014. This agreement will be filed with the Commission as Fourth Revised Service Agreement No. 538.
- 2.0 The Transmission Customer has been determined by the Transmission Provider to have a Completed Application for Network Integration Transmission Service under the Tariff.
- 3.0 The Transmission Customer has provided to the Transmission Provider an Application deposit in accordance with the provisions of Section 29.2 of the Tariff.
- 4.0 Service under this Service Agreement shall commence on the later of (1) December 15, 2020 or (2) such other date as it is permitted to become effective by the Commission. Service shall continue through September 30, 2028.
- 5.0 The Transmission Provider agrees to provide and the Transmission Customer agrees to take and pay for Network Integration Transmission Service in accordance with the provisions of Part III (or Part 3) of the Tariff. Network Integration Transmission Service under this Service Agreement shall be provided for the designated loads described in Exhibit A to this Service Agreement using the designated Network Resources described in Exhibit B to this Service Agreement.
- 6.0 The Transmission Customer shall pay for Network Integration Transmission Service pursuant to Section 7.1 of Exhibit A to this Service Agreement.

- 7.0 The Transmission Customer shall receive a credit pursuant to Section 30.9 of the Tariff for transmission facilities which it has provided and which are integrated with the Transmission Provider's Transmission System as described in Exhibit C to this Service Agreement. Any such payment obligation to the Transmission Customer by the Transmission Provider shall be credited against the Transmission Customer's bill for the applicable month.
- 8.0 The Transmission Customer shall pay for Redispatch Service pursuant to Section 7.2 of Exhibit A to this Service Agreement.
- 9.0 Any payment obligation to the Transmission Customer by the Transmission Provider associated with the provision of least cost redispatch pursuant to Section 34.4 of the Tariff shall be credited against the Transmission Customer's bill for the applicable month.
- 10.0 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 below.

Transmission Provider:

PacifiCorp
Director, Transmission Services
825 N.E. Multnomah St., Suite 1600
Portland, Oregon 97232

Transmission Customer:

Bonneville Power Administration, Power Services
905 NE 11th Avenue
Portland, Oregon 97232
Attention: Transfer Services - PST
Phone: 503-230-5339
Fax: 503-230-3242

- 11.0 The Tariff is incorporated herein and made a part hereof.

**Designated Loads For
Network Integration Transmission Service**

1.0 Transmission Customer's Load Designated as Network Service:

The Transmission Customer's load delivered to the point on Transmission Provider's Hinkle Substation where the facilities of Transmission Provider and Oregon Wind Farms, LLC, Echo and Orchard Wind Projects are connected. The load shall be station service for the Echo and Orchard Wind Projects.

2.0 Description of capacity and energy to be transmitted by Transmission Provider including the electric Control Area in which the transaction originates:

Generation from Network Resources identified in Exhibit B to this Service Agreement required to meet the load obligations of the Transmission Customer's designated loads described in Section 1.0 above.

Transaction originates in the balancing area of Transmission Customer and terminates within the balancing area of Transmission Provider's Oregon transmission system.

3.0 Point(s) of Receipt:

Various points of interconnection as referenced by the BPAT.PACW path on PacifiCorp's OASIS.

Delivering Party:

Bonneville Power Administration (BPA) on behalf of its customers, Umatilla Electric Coop. and Columbia Basin Electric Coop., who hold Network Transmission Agreements with BPA Transmission Services, to move power across BPA's transmission system.

4.0 Point(s) of Delivery:

As described in section 1.0 above.

Receiving Party: Umatilla Electric Coop., and Columbia Basin Electric Coop.

5.0 Designation of party(ies) subject to reciprocal service obligation: Transmission Customer

6.0 Name(s) of any Intervening Systems: None.

7.0 Service under this Service Agreement shall be subject to the combination of the charges detailed below. The appropriate charges for individual transactions will be determined in accordance with the terms and conditions of the Tariff. The following charges reflect the rates which are effective upon the Start Date of this Service Agreement.

7.1 Transmission Charge:

- a) Transmission Service: The charge will be equivalent to the Monthly Demand Charge, which is the product of the Network Customer's Monthly Network Load (determined pursuant to Section 34.2 of the Tariff) and the Transmission Provider's monthly transmission rate as established in Attachment H-1 of the Tariff.

7.2 Redispatch Charges for Network Integration Transmission Service:

The Transmission Provider reserves the right to charge for Transmission Customer's portion of any redispatch costs, which shall be equal to the ratio of the Transmission Customer's hourly load (including its designated Network Load not physically interconnected with Transmission Provider under Section 31.3 of the Tariff) coincident with the Transmission Provider's Monthly Transmission System Peak, in accordance with section 33.3 of the Tariff.

7.3 Direct Assignment Facilities Charge: None.

7.4 Ancillary Services Charges:

a) Scheduling, System Control and Dispatch Service:

Only to the extent required pursuant to Schedule 1 of the Tariff.

b) Reactive Supply and Voltage Control from Generation Sources Service:

Only to the extent required pursuant to Schedule 2 of the Tariff.

Credits for Schedule 2 shall be applicable for the Palisades Resource to load served under this Agreement. Generator output will be measured based on actual generation. Additional generators may be eligible for Schedule 2 credits to the extent each such generator meets the following eligibility criteria in the Transmission Provider's Business Practice #63 - Transmission Customer Provision of Reactive Supply and Voltage Control from Generation or Other Sources Service, once effective:

- 1) The generator has an exciter.
- 2) The generator is capable of responding automatically to voltage and/or reactive control settings and to manual directives from the Transmission Provider's Control Area operator, as described in the Tariff, when called upon to supply reactive support (generate and absorb reactive energy) to the
- 3) Transmission Provider's Transmission System. Automatic response must be immediate and manual response must occur within 5 minutes of notice. Generators which fail to respond as directed will be disqualified until such time as the Control Area operator can be assured the unit can be relied upon.

- 4) The generator is interconnected to the Transmission Provider's Transmission System or connected to the Transmission Provider's customer-owned transmission system within PacifiCorp's Balancing Authority Area.

Any generators jointly owned by the Transmission Provider and the Transmission Customer that are subject to Schedule 2 charges and for which the Transmission Provider's costs are included in the calculation of Reactive Service rates, shall be deemed qualified.

The total Reactive Supply and Voltage Control from Generation or Other Sources Service obligation for the Transmission Customer with its eligible generation that supplies such service for its transactions shall be equal to the total amount of load served within the Balancing Authority Area and/or generation exported from the Balancing Authority Area under this Service Agreement. The billing determinants for Reactive Supply and Voltage Control from Generation or Other Sources Service shall be determined by:

- (1) For the hour of the transmission system peak each month, subtracting from the Transmission Customer's full requirement the total amount supplied by qualifying generator(s) during that hour each month; and

- (2) Charging the Transmission Customer the Schedule 2 rate multiplied by the difference, in MWs, calculated in item (1) to the extent the Transmission Customer supplied less than its full requirement during the coincident peak hour.

c) Regulation and Frequency Response Service:

Only to the extent required pursuant to Schedule 3 of the Tariff.

d) Energy Imbalance Service:

Only to the extent required pursuant to Schedule 4 of the Tariff.

e) Operating Reserve -Spinning Reserve Service:

Only to the extent required pursuant to Schedule 5 of the Tariff.

f) Operating Reserve -Supplemental Reserve Service:

Only to the extent required pursuant to Schedule 6 of the Tariff.

g) Real Power Losses:

Network Service provided under this agreement shall be assessed real power losses pursuant to Section 28.5 and Schedule 10 of the Tariff. The metered quantities for the loads defined in section 1.0 above, shall be assessed losses based on the transmission loss factors of PacifiCorp.

Network Resources Available to Transmission Customer

- BPA's customers, Columbia Basin Electric Coop. (BPA Contract No. #09PB-13023, effective 10/1/2011 through 9/30/2028) and Umatilla Electric Coop. (BPA Contract No. 20PS-10101, effective 10/1/2020 through 9/30/2028), hold Power Sales Agreements with BPA. These agreements provide for firm system sales from the Federal Columbia River Power System (FCRPS) - firm deliveries to the Points of Receipt between BPA and PacifiCorp occurring at various interconnections as referenced by the BPAT-PACW path on PacifiCorp's OASIS. Both BPA customers also hold firm Network Transmission Agreements with BPA Transmission Services to deliver all power under the customers' power sales agreements across the BPA main grid to these Points of Receipt.

Network Facility Transmission Credit

The Transmission Customer currently receives no credit and has provided no transmission facilities which are integrated with the Transmission Provider's Transmission System.

**Service Agreement For
Network Integration Transmission Service
Under PacifiCorp's Open Access Transmission Tariff,
Volume No. 11**

- 1.0 This Service Agreement, dated as of ~~September 19, 2014~~, January 12, 2021, is entered into, by and between PacifiCorp, on behalf of its transmission function ("Transmission Provider"), and Bonneville Power Administration, Power Services / BPA-PS ("Transmission Customer") for the provision of Network Integration Transmission Service to provide station service to Oregon Wind Farms, LLC, Echo Wind and Orchard Wind Projects. This Service Agreement supersedes and replaces ~~Second-Third~~ Revised Service Agreement No. 538, effective ~~May-October~~ 1, 2014~~3~~. This agreement will be filed with the Commission as ~~Third-Fourth~~ Revised Service Agreement No. 538.
- 2.0 The Transmission Customer has been determined by the Transmission Provider to have a Completed Application for Network Integration Transmission Service under the Tariff.
- 3.0 The Transmission Customer has provided to the Transmission Provider an Application deposit in accordance with the provisions of Section 29.2 of the Tariff.
- 4.0 Service under this Service Agreement shall commence on the later of (1) December 15, 2020~~October 1, 2014~~, or (2) such other date as it is permitted to become effective by the Commission. Service shall continue through September 30, 2028.
- 5.0 The Transmission Provider agrees to provide and the Transmission Customer agrees to take and pay for Network Integration Transmission Service in accordance with the provisions of Part III (or Part 3) of the Tariff. Network Integration Transmission Service under this Service Agreement shall be provided for the designated loads described in Exhibit A to this Service Agreement using the designated Network Resources described in Exhibit B to this Service Agreement.

- 6.0 The Transmission Customer shall pay for Network Integration Transmission Service pursuant to Section 7.1 of Exhibit A to this Service Agreement.
- 7.0 The Transmission Customer shall receive a credit pursuant to Section 30.9 of the Tariff for transmission facilities which it has provided and which are integrated with the Transmission Provider's Transmission System as described in Exhibit C to this Service Agreement. Any such payment obligation to the Transmission Customer by the Transmission Provider shall be credited against the Transmission Customer's bill for the applicable month.
- 8.0 The Transmission Customer shall pay for Redispatch Service pursuant to Section 7.2 of Exhibit A to this Service Agreement.
- 9.0 Any payment obligation to the Transmission Customer by the Transmission Provider associated with the provision of least cost redispatch pursuant to Section 34.4 of the Tariff shall be credited against the Transmission Customer's bill for the applicable month.
- 10.0 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 below.

Transmission Provider:

PacifiCorp
Director, Transmission Services
825 N.E. Multnomah St., Suite 1600
Portland, Oregon 97232

Transmission Customer:

Bonneville Power Administration, Power Services
~~Manager, Transfer Services~~ 905 NE 11th Avenue
~~P.O. Box 3621, Routing: PST-6~~ Portland, Oregon 97232
~~Portland, OR 97208-3621~~ Attention: Transfer Services -
PST
Phone: 503-230-5339
Fax: 503-230-32427463

- 11.0 The Tariff is incorporated herein and made a part hereof.

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

Transmission Provider:

PacifiCorp

By: /s/ Rick Vail VP, Transmission 01/12/2021
~~/s/Rick Vail~~ ~~VP-Transmission~~ ~~9/19/14~~
Name Title Date

Transmission Customer:

Bonneville Power Administration, Power Services

By: /s/ Dan Yokota Manager, Transfer Serivces 1/12/21
~~/s/Connie Howard~~ ~~Manager, Transfer Services~~ ~~9-19-14~~
Name Title Date

**Designated Loads For
Network Integration Transmission Service**

1.0 Transmission Customer's Load Designated as Network Service:

The Transmission Customer's load delivered to the point on Transmission Provider's Hinkle Substation where the facilities of Transmission Provider and Oregon Wind Farms, LLC, Echo and Orchard Wind Projects are connected. The load shall be station service for the Echo and Orchard Wind Projects.

2.0 Description of capacity and energy to be transmitted by Transmission Provider including the electric Control Area in which the transaction originates:

Generation from Network Resources identified in Exhibit B to this Service Agreement required to meet the load obligations of the Transmission Customer's designated loads described in Section 1.0 above.

Transaction originates in the balancing area of Transmission Customer and terminates within the balancing area of Transmission Provider's Oregon transmission system.

3.0 Point(s) of Receipt:

Various points of interconnection as referenced by the BPAT.PACW path on PacifiCorp's OASIS.

Delivering Party:

Bonneville Power Administration (BPA) on behalf of its customers, Umatilla Electric Coop. and Columbia Basin Electric Coop., who hold Network Transmission Agreements with BPA Transmission Services, to move power across BPA's transmission system.

4.0 Point(s) of Delivery:

As described in section 1.0 above.

~~Service to this Point of Delivery is contingent upon the new Echo Wind Project being interconnected to Transmission Provider's Hinkle Substation by January 1, 2009.~~

Receiving Party: Umatilla Electric Coop., and Columbia Basin Electric Coop.

- 5.0 Designation of party(ies) subject to reciprocal service obligation: Transmission Customer
- 6.0 Name(s) of any Intervening Systems: None.
- 7.0 Service under this Service Agreement shall be subject to the combination of the charges detailed below. The appropriate charges for individual transactions will be determined in accordance with the terms and conditions of the Tariff. The following charges reflect the rates which are effective upon the Start Date of this Service Agreement.

7.1 Transmission Charge:

- a) Transmission Service: The charge will be equivalent to the Monthly Demand Charge, which is the product of the Network Customer's Monthly Network Load (determined pursuant to Section 34.2 of the Tariff) and the Transmission Provider's monthly transmission rate as established in Attachment H-1 of the Tariff.

7.2 Redispatch Charges for Network Integration Transmission Service:

The Transmission Provider reserves the right to charge for Transmission Customer's portion of any redispatch costs, which shall be equal to the ratio of the Transmission Customer's hourly load (including its designated Network Load not physically interconnected with Transmission Provider under Section 31.3 of the Tariff) coincident with the Transmission Provider's Monthly Transmission System Peak, in accordance with section 33.3 of the Tariff.

7.3 Direct Assignment Facilities Charge: None.

7.4 Ancillary Services Charges:

a) Scheduling, System Control and Dispatch Service:

Only to the extent required pursuant to Schedule 1 of the Tariff.

b) Reactive Supply and Voltage Control from Generation Sources Service:

Only to the extent required pursuant to Schedule 2 of the Tariff.

Credits for Schedule 2 shall be applicable for the Palisades Resource to load served under this Agreement. Generator output will be measured based on actual generation. Additional generators may be eligible for Schedule 2 credits to the extent each such generator meets the following eligibility criteria in the Transmission Provider's Business Practice #63 - Transmission Customer Provision of Reactive Supply and Voltage Control from Generation or Other Sources Service, once effective:

- 1) The generator has an exciter.
- 2) The generator is capable of responding automatically to voltage and/or reactive control settings and to manual directives from the Transmission Provider's Control Area operator, as described in the Tariff, when called upon to supply reactive support (generate and absorb reactive energy) to the
- 3) Transmission Provider's Transmission System. Automatic response must be immediate and manual response must occur within 5 minutes of notice. Generators which fail to respond as directed will be disqualified until such time as the Control

Area operator can be assured the unit can be relied upon.

- 4) The generator is interconnected to the Transmission Provider's Transmission System or connected to the Transmission Provider's customer-owned transmission system within PacifiCorp's Balancing Authority Area.

Any generators jointly owned by the Transmission Provider and the Transmission Customer that are subject to Schedule 2 charges and for which the Transmission Provider's costs are included in the calculation of Reactive Service rates, shall be deemed qualified.

The total Reactive Supply and Voltage Control from Generation or Other Sources Service obligation for the Transmission Customer with its eligible generation that supplies such service for its transactions shall be equal to the total amount of load served within the Balancing Authority Area and/or generation exported from the Balancing Authority Area under this Service Agreement. The billing determinants for Reactive Supply and Voltage Control from Generation or Other Sources Service shall be determined by:

- (1) For the hour of the transmission system peak each month, subtracting from the Transmission Customer's full requirement the total amount supplied by qualifying generator(s) during that hour each month; and

- (2) Charging the Transmission Customer the Schedule 2 rate multiplied by the difference, in MWs, calculated in item (1) to the extent the Transmission Customer supplied less than its full requirement during the coincident peak hour.

- c) Regulation and Frequency Response Service:

Only to the extent required pursuant to Schedule 3 of the Tariff.

d) Energy Imbalance Service:

Only to the extent required pursuant to Schedule 4 of the Tariff.

e) Operating Reserve -Spinning Reserve Service:

Only to the extent required pursuant to Schedule 5 of the Tariff.

f) Operating Reserve -Supplemental Reserve Service:

Only to the extent required pursuant to Schedule 6 of the Tariff.

g) Real Power Losses:

Network Service provided under this agreement shall be assessed real power losses pursuant to Section 28.5 and Schedule 10 of the Tariff. The metered quantities for the loads defined in section 1.0 above, shall be assessed losses based on the transmission loss factors of PacifiCorp.

Network Resources Available to Transmission Customer

- BPA's customers, Columbia Basin Electric Coop. (BPA Contract No. #09PB-13023, effective 10/1/2011 through 9/30/2028) and Umatilla Electric Coop. (~~as a member of the PNGC~~ BPA Contract No. ~~20PS-1010109PB-13088~~, effective 10/1/~~20202011~~ through 9/30/2028), hold Power Sales Agreements with BPA. These agreements provide for firm system sales from the Federal Columbia River Power System (FCRPS) - firm deliveries to the Points of Receipt between BPA and PacifiCorp occurring at various interconnections as referenced by the BPAT-PACW path on PacifiCorp's OASIS. Both BPA customers also hold firm Network Transmission Agreements with BPA Transmission Services to deliver all power under the customers' power sales agreements across the BPA main grid to these Points of Receipt.

Network Facility Transmission Credit

The Transmission Customer currently receives no credit and has provided no transmission facilities which are integrated with the Transmission Provider's Transmission System.

**Service Agreement For
Network Integration Transmission Service
Under PacifiCorp's Open Access Transmission Tariff,
Volume No. 11**

- 1.0 This Service Agreement, dated as of January 12 , 2021 is entered into, by and between PacifiCorp, on behalf of its transmission function ("Transmission Provider"), and Bonneville Power Administration, Power Services / BPA-PS ("Transmission Customer") for the provision of Network Integration Transmission Service to provide station service to Oregon Wind Farms, LLC, Echo Wind and Orchard Wind Projects. This Service Agreement supersedes and replaces Third Revised Service Agreement No. 538, effective October 1, 2014. This agreement will be filed with the Commission as Fourth Revised Service Agreement No. 538.
- 2.0 The Transmission Customer has been determined by the Transmission Provider to have a Completed Application for Network Integration Transmission Service under the Tariff.
- 3.0 The Transmission Customer has provided to the Transmission Provider an Application deposit in accordance with the provisions of Section 29.2 of the Tariff.
- 4.0 Service under this Service Agreement shall commence on the later of (1) December 15, 2020 or (2) such other date as it is permitted to become effective by the Commission. Service shall continue through September 30, 2028.
- 5.0 The Transmission Provider agrees to provide and the Transmission Customer agrees to take and pay for Network Integration Transmission Service in accordance with the provisions of Part III (or Part 3) of the Tariff. Network Integration Transmission Service under this Service Agreement shall be provided for the designated loads described in Exhibit A to this Service Agreement using the designated Network Resources described in Exhibit B to this Service Agreement.
- 6.0 The Transmission Customer shall pay for Network Integration Transmission Service pursuant to Section 7.1 of Exhibit A to this Service Agreement.

- 7.0 The Transmission Customer shall receive a credit pursuant to Section 30.9 of the Tariff for transmission facilities which it has provided and which are integrated with the Transmission Provider's Transmission System as described in Exhibit C to this Service Agreement. Any such payment obligation to the Transmission Customer by the Transmission Provider shall be credited against the Transmission Customer's bill for the applicable month.
- 8.0 The Transmission Customer shall pay for Redispatch Service pursuant to Section 7.2 of Exhibit A to this Service Agreement.
- 9.0 Any payment obligation to the Transmission Customer by the Transmission Provider associated with the provision of least cost redispatch pursuant to Section 34.4 of the Tariff shall be credited against the Transmission Customer's bill for the applicable month.
- 10.0 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 below.

Transmission Provider:

PacifiCorp
Director, Transmission Services
825 N.E. Multnomah St., Suite 1600
Portland, Oregon 97232

Transmission Customer:

Bonneville Power Administration, Power Services
905 NE 11th Avenue
Portland, Oregon 97232
Attention: Transfer Services - PST
Phone: 503-230-5339
Fax: 503-230-3242

- 11.0 The Tariff is incorporated herein and made a part hereof.

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

Transmission Provider:

PacifiCorp

By: **Rick Vail** Digitally signed by Rick Vail
Date: 2021.01.12 10:39:06 -08'00' VP, Transmission 01/12/2021
Name Title Date

Transmission Customer:

Bonneville Power Administration, Power Services

By: *Dan Gokota* Manager, Transfer Service 1/12/21
Name Title Date

**Designated Loads For
Network Integration Transmission Service**

1.0 Transmission Customer's Load Designated as Network Service:

The Transmission Customer's load delivered to the point on Transmission Provider's Hinkle Substation where the facilities of Transmission Provider and Oregon Wind Farms, LLC, Echo and Orchard Wind Projects are connected. The load shall be station service for the Echo and Orchard Wind Projects.

2.0 Description of capacity and energy to be transmitted by Transmission Provider including the electric Control Area in which the transaction originates:

Generation from Network Resources identified in Exhibit B to this Service Agreement required to meet the load obligations of the Transmission Customer's designated loads described in Section 1.0 above.

Transaction originates in the balancing area of Transmission Customer and terminates within the balancing area of Transmission Provider's Oregon transmission system.

3.0 Point(s) of Receipt:

Various points of interconnection as referenced by the BPAT.PACW path on PacifiCorp's OASIS.

Delivering Party:

Bonneville Power Administration (BPA) on behalf of its customers, Umatilla Electric Coop. and Columbia Basin Electric Coop., who hold Network Transmission Agreements with BPA Transmission Services, to move power across BPA's transmission system.

4.0 Point(s) of Delivery:

As described in section 1.0 above.

Receiving Party: Umatilla Electric Coop., and Columbia Basin Electric Coop.

5.0 Designation of party(ies) subject to reciprocal service obligation: Transmission Customer

6.0 Name(s) of any Intervening Systems: None.

7.0 Service under this Service Agreement shall be subject to the combination of the charges detailed below. The appropriate charges for individual transactions will be determined in accordance with the terms and conditions of the Tariff. The following charges reflect the rates which are effective upon the Start Date of this Service Agreement.

7.1 Transmission Charge:

- a) Transmission Service: The charge will be equivalent to the Monthly Demand Charge, which is the product of the Network Customer's Monthly Network Load (determined pursuant to Section 34.2 of the Tariff) and the Transmission Provider's monthly transmission rate as established in Attachment H-1 of the Tariff.

7.2 Redispatch Charges for Network Integration Transmission Service:

The Transmission Provider reserves the right to charge for Transmission Customer's portion of any redispatch costs, which shall be equal to the ratio of the Transmission Customer's hourly load (including its designated Network Load not physically interconnected with Transmission Provider under Section 31.3 of the Tariff) coincident with the Transmission Provider's Monthly Transmission System Peak, in accordance with section 33.3 of the Tariff.

7.3 Direct Assignment Facilities Charge: None.

7.4 Ancillary Services Charges:

a) Scheduling, System Control and Dispatch Service:

Only to the extent required pursuant to Schedule 1 of the Tariff.

b) Reactive Supply and Voltage Control from Generation Sources Service:

Only to the extent required pursuant to Schedule 2 of the Tariff.

Credits for Schedule 2 shall be applicable for the Palisades Resource to load served under this Agreement. Generator output will be measured based on actual generation. Additional generators may be eligible for Schedule 2 credits to the extent each such generator meets the following eligibility criteria in the Transmission Provider's Business Practice #63 - Transmission Customer Provision of Reactive Supply and Voltage Control from Generation or Other Sources Service, once effective:

- 1) The generator has an exciter.
- 2) The generator is capable of responding automatically to voltage and/or reactive control settings and to manual directives from the Transmission Provider's Control Area operator, as described in the Tariff, when called upon to supply reactive support (generate and absorb reactive energy) to the
- 3) Transmission Provider's Transmission System. Automatic response must be immediate and manual response must occur within 5 minutes of notice. Generators which fail to respond as directed will be disqualified until such time as the Control Area operator can be assured the unit can be relied upon.

- 4) The generator is interconnected to the Transmission Provider's Transmission System or connected to the Transmission Provider's customer-owned transmission system within PacifiCorp's Balancing Authority Area.

Any generators jointly owned by the Transmission Provider and the Transmission Customer that are subject to Schedule 2 charges and for which the Transmission Provider's costs are included in the calculation of Reactive Service rates, shall be deemed qualified.

The total Reactive Supply and Voltage Control from Generation or Other Sources Service obligation for the Transmission Customer with its eligible generation that supplies such service for its transactions shall be equal to the total amount of load served within the Balancing Authority Area and/or generation exported from the Balancing Authority Area under this Service Agreement. The billing determinants for Reactive Supply and Voltage Control from Generation or Other Sources Service shall be determined by:

- (1) For the hour of the transmission system peak each month, subtracting from the Transmission Customer's full requirement the total amount supplied by qualifying generator(s) during that hour each month; and

- (2) Charging the Transmission Customer the Schedule 2 rate multiplied by the difference, in MWh, calculated in item (1) to the extent the Transmission Customer supplied less than its full requirement during the coincident peak hour.

c) Regulation and Frequency Response Service:

Only to the extent required pursuant to Schedule 3 of the Tariff.

d) Energy Imbalance Service:

Only to the extent required pursuant to Schedule 4 of the Tariff.

e) Operating Reserve -Spinning Reserve Service:

Only to the extent required pursuant to Schedule 5 of the Tariff.

f) Operating Reserve -Supplemental Reserve Service:

Only to the extent required pursuant to Schedule 6 of the Tariff.

g) Real Power Losses:

Network Service provided under this agreement shall be assessed real power losses pursuant to Section 28.5 and Schedule 10 of the Tariff. The metered quantities for the loads defined in section 1.0 above, shall be assessed losses based on the transmission loss factors of PacifiCorp.

Network Resources Available to Transmission Customer

- BPA's customers, Columbia Basin Electric Coop. (BPA Contract No. #09PB-13023, effective 10/1/2011 through 9/30/2028) and Umatilla Electric Coop. (BPA Contract No. 20PS-10101, effective 10/1/2020 through 9/30/2028), hold Power Sales Agreements with BPA. These agreements provide for firm system sales from the Federal Columbia River Power System (FCRPS) - firm deliveries to the Points of Receipt between BPA and PacifiCorp occurring at various interconnections as referenced by the BPAT-PACW path on PacifiCorp's OASIS. Both BPA customers also hold firm Network Transmission Agreements with BPA Transmission Services to deliver all power under the customers' power sales agreements across the BPA main grid to these Points of Receipt.

Network Facility Transmission Credit

The Transmission Customer currently receives no credit and has provided no transmission facilities which are integrated with the Transmission Provider's Transmission System.