

December 29, 2023

VIA ETARIFF

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

RE: ***PacifiCorp*, Docket No. ER24-____-000
Network Integration Transmission Service with Calpine Energy Solutions, LLC
(S.A. No. 299)**

Dear Secretary Bose:

Pursuant to Section 205 of the Federal Power Act¹, Part 35 of the Federal Energy Regulatory Commission's ("Commission") regulations,² and Order No. 714³ regarding electronic filing of tariff submittals, PacifiCorp hereby tenders for filing the following agreement:

Service Agreement for Network Integration Transmission Service between Calpine Energy Solutions, LLC ("Calpine") and PacifiCorp, dated December 20, 2023, to be designated as PacifiCorp Eighteenth Revised Service Agreement No. 299 ("Eighteenth Revised NITSA") to 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 January 1, 2024.

1. Background and Reason for Filing

On March 17, 2023, in Docket No. ER23-1412, PacifiCorp filed with the Commission the Seventeenth Revised Service Agreement No. 299. The Commission accepted the filing via a letter order dated May 12, 2023, with an effective date of March 1, 2023.⁴

On December 20, 2023, PacifiCorp and Calpine executed the Eighteenth Revised Service Agreement No. 299, which describes the services provided to Calpine pursuant to the Attachment M of PacifiCorp's OATT related to the Oregon Direct Access Program. PacifiCorp followed its OATT procedures to evaluate and accommodate the modifications to Calpine's network service.

1 16 U.S.C. § 824d (2018).

2 18 C.F.R. Part 35 (2023).

3 *Elec. Tariff Filings*, Order No. 714, 124 FERC ¶ 61,270 (2008), *order on reh'g*, Order No. 714-A, 147 FERC ¶ 61,115 (2014).

4 *PacifiCorp*, Docket No. ER23-1412-000 (May 12, 2023) (delegated letter order).

These changes are reflected in the enclosed Eighteenth Revised NITSA and include the following: (i) Exhibit A, amendments to the designated loads for network integration transmission service, (ii) Exhibit B, amendments to the network resources available to transmission customer; and (iii) administrative edits. Accordingly, PacifiCorp submits the Eighteenth Revised NITSA for filing.

2. Effective Date and Request for Waiver

The Eighteenth Revised NITSA is being filed within 30 days of service commencement date (i.e., January 1, 2024). Therefore, in accordance with 18 C.F.R. § 35.3(a)(2), PacifiCorp respectfully requests an effective date of January 1, 2024, for the Revised NITSA.

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 Eighteenth Revised NITSA be designated as PacifiCorp Eighteenth Revised Service Agreement No. 299.

4. Enclosures

The following enclosures are attached hereto:

Enclosure 1 Service Agreement for Network Integration Transmission Service between PacifiCorp and Calpine, to be designated as PacifiCorp Eighteenth Revised Service Agreement No. 299.

Enclosure 2 Redline of Eighteenth Revised Service Agreement No. 299 as compared to the Seventeenth Revised Service Agreement No. 299.

5. Communications

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

Matthew P. Loftus
Assistant General Counsel
PacifiCorp
825 N.E. Multnomah, Suite 2000
Portland, OR 97232
(503) 813-5620

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

6. Notice

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

Calpine Energy Solutions, LLC
c/o Justin Pannu
401 West A Street, Suite 500
San Diego, CA 92101
Justin.pannu@calpinesolutions.com

Public Utility Commission of Oregon
550 Capital Street N.E. Suite 215
Salem, OR 97301-2551
PUC.FilingCenter@state.or.us

7. Conclusion

Wherefore, for the reasons discussed herein, PacifiCorp respectfully requests the Commission accept the Revised NITSA for filing under PacifiCorp's OATT with an effective date of January 1, 2024.

Respectfully Submitted,



Matthew P. Loftus
Assistant General Counsel
PacifiCorp
825 N.E. Multnomah, Suite 2000
Portland, OR 97232
(503) 813-5612
Matthew.Loftus@PacifiCorp.com

Enclosure 1

**Service Agreement for Network Integration Transmission Service between
PacifiCorp and Calpine, to be designated as PacifiCorp Eighteenth
Revised Service Agreement No. 299**

**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 December 20, 2023, is entered into, by and between PacifiCorp, on behalf of its transmission function ("Transmission Provider"), and Calpine Energy Solutions, LLC ("Transmission Customer") for the provision of Network Integration Transmission Service. This agreement is for service provided pursuant to Attachment M of Transmission Provider's Tariff as related to Oregon Direct Access where Retail Access shall be provided in the State of Oregon pursuant to the rules and regulations of the Oregon Public Utility ("OPUC") in accordance with Order AR 380. Transmission Customer is a registered Scheduling Electricity Service Supplier ("SESS") per OPUC Order No. 02-133. This Service Agreement supersedes and replaces Seventeenth Revised Service Agreement No. 299, dated March 9, 2023. This agreement will be filed with the Commission as Eighteenth Revised Service Agreement No. 299.
- 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.

*No deposit required, as this is an existing transmission service.
- 4.0 Service under this Service Agreement shall commence on the later of (1) January 1, 2024, or (2) such other date as it is permitted to become effective by the Commission. Service shall continue unless terminated in accordance with the rules and regulations pertaining to Oregon Direct Access and the Tariff.
- 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 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
Attn: PacifiCorp Transmission Services
825 NE Multnomah Street, Suite 1600
Portland, OR 97232

Pre-scheduling Desk: 503-262-4920
Real-time Desk: 503-251-5210

Transmission Customer:

Calpine Energy Solutions, LLC
401 West A St - Ste 500
San Diego, CA 92101
Phone: 619-684-8182
Fax: 619-684-8355
E-mail: justin.pannu@calpinesolutions.com

Invoicing:

Daichi Siegrist
E-mail: daichi.siegrist@calpinesolutions.com
Ph: 619-684-8160
Fax: 619-684-8355

Prescheduling:

Sharisa Henry
E-mail: sharisa.henry@calpinesolutions.com
Ph: 619-684-8183
Fax: 619-684-8355

Real Time Operations:

Ph: 1-888-896-8629
Fax: 619-684-8355

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:

By: **Patience Carey** Digitally signed by Patience Carey
Date: 2023.12.20
08:51:46 -08'00' Director, Transmission Services & Contracts

Name Title Date 12/20/2023

Transmission Customer:

By:  SVP 12/20/2023
Name Title Date

Exhibit A

Designated Loads For Network Integration Transmission Service

1.0 Transmission Customer's Load Designated as Network Service:

Those loads listed on Exhibit D for selected direct access meters in the state of Oregon. The total peak and average load for these parties is approximately 20 MW.

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 control area of the Bonneville Power Administration and terminates within the control area of Transmission Provider's Oregon transmission system designated as "PACW".

3.0 Point(s) of Receipt:

Transmission Provider's various interconnections with the Bonneville Power Administration as referenced by the BPAT.PACW-PACW path on the Transmission Provider's OASIS.

Delivering Party: Bonneville Power Administration

4.0 Point(s) of Delivery: See Exhibit D

Receiving Party: Retail End-user loads (formerly PacifiCorp retail customers) listed in Exhibit D.

5.0 Designation of party(ies) subject to reciprocal service obligation: none

6.0 Name(s) of any Intervening Systems: The Bonneville Power Administration for those Points of Delivery in Exhibit D.

Transmission Customer shall share in third party wheeling costs, if any, in accordance with Attachment M, section 9 - Oregon Transmission Integration.

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:

Each month the Transmission Customer shall pay the product of the total Oregon Retail Access Monthly Network Load (as defined in Section 34.2 of the Tariff) and Transmission Provider's monthly transmission rate as established in Attachment H-1 of the Tariff, as described in Attachment M, section 7 of the Tariff.

Note: Distribution Service provided directly to the Retail End-User loads listed on Exhibit D shall be provided for and billed separately from this Service Agreement under PacifiCorp's OPUC tariff for Direct Access Delivery Service per Schedule 728, 730, or 748.

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.

c) Regulation and Frequency Response Service:

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

d) Energy Imbalance Service:

As required pursuant to Schedule 4 of the Tariff.

Transmission Customer shall use its best efforts to minimize energy imbalance through scheduling a sufficient amount of energy to be delivered each hour to Transmission Provider's transmission system to cover the sum of its Retail End User forecasted loads, plus the transmission and distribution loss percentage listed in Exhibit D.

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.

8.0 Optional Waiver of Jury Trial:

_____ (Transmission Customer to check only if applicable).
TO THE FULLEST EXTENT PERMITTED BY LAW, EACH OF THE PARTIES
HERE TO WAIVES ANY RIGHT IT MAY HAVE TO A TRIAL BY JURY IN

RESPECT OF LITIGATION DIRECTLY OR INDIRECTLY ARISING OUT OF, UNDER OR IN CONNECTION WITH THIS AGREEMENT. EACH PARTY FURTHER WAIVES ANY RIGHT TO CONSOLIDATE, OR TO REQUEST THE CONSOLIDATION OF, ANY ACTION IN WHICH A JURY TRIAL HAS BEEN WAIVED WITH ANY OTHER ACTION IN WHICH A JURY TRIAL CANNOT BE OR HAS NOT BEEN WAIVED.

9.0 Successors and Assigns

Transmission Provider may at any time assign its rights and delegate its obligations under this Agreement, in whole or in part, including, without limitation, transferring its rights and obligations under this Agreement to any: (i) affiliate; (ii) successor in interest, or (iii) corporation or any other business entity in conjunction with a merger, consolidation or other business reorganization to which Transmission Provider is a party. Affiliate includes any entity in which Berkshire Hathaway Inc. owns more than a 5% interest, over which Berkshire Hathaway Energy exercises management control, or which is listed on an exhibit to this Agreement. Transmission Customer shall not assign its rights, nor delegate its obligations, under this Agreement without the prior written consent of Transmission Provider, and any attempted transfer in violation of this restriction shall be void.

Exhibit B

Network Resources Available to Transmission Customer

The available Network Resource is a firm contract with The Energy Authority providing for the supply of power at BPAT.PACW from January 1, 2024 through December 31, 2024.

Exhibit C

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.

Exhibit D

Transmission Customer's Designated Loads

Designated load points are based on Transmission Customer's submitted Direct Access Service Request (DASR) forms. These designated load points will be used as the basis for billing.

Enclosure 2

Redline of Eighteenth Revised Service Agreement No. 299 as compared to the Seventeenth Revised Service Agreement No. 299

**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 ~~March 9~~December 20, 2023, is entered into, by and between PacifiCorp, on behalf of its transmission function ("Transmission Provider"), and Calpine Energy Solutions, LLC ("Transmission Customer") for the provision of Network Integration Transmission Service. This agreement is for service provided pursuant to Attachment M of Transmission Provider's Tariff as related to Oregon Direct Access where Retail Access shall be provided in the State of Oregon pursuant to the rules and regulations of the Oregon Public Utility ("OPUC") in accordance with Order AR 380. Transmission Customer is a registered Scheduling Electricity Service Supplier ("SESS") per OPUC Order No. 02-133. This Service Agreement supersedes and replaces ~~Sixteenth~~Seventeenth Revised Service Agreement No. 299, dated ~~December 28~~March 9, 2022~~2023~~. This agreement will be filed with the Commission as ~~Seventeenth~~Eighteenth Revised Service Agreement No. 299.
- 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.
- *No deposit required, as this is an existing transmission service.
- 4.0 Service under this Service Agreement shall commence on the later of (1) ~~March~~January 1, ~~2023~~2024, or (2) such other date as it is permitted to become effective by the Commission. Service shall continue unless terminated in accordance with the rules and regulations pertaining to Oregon Direct Access and the Tariff.
- 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 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
Attn: PacifiCorp Transmission Services
825 NE Multnomah Street, Suite 1600
Portland, OR 97232

Pre-scheduling Desk: 503-262-4920
Real-time Desk: 503-251-5210

Transmission Customer:

Calpine Energy Solutions, LLC
401 West A St - Ste 500
San Diego, CA 92101
Phone: 619-684-8182
Fax: 619-684-8355
E-mail: justin.pannu@calpinesolutions.com

Invoicing:

Daichi Siegrist

E-mail: daichi.siegrist@calpinesolutions.com

Ph: 619-684-8160

Fax: 619-684-8355

Prescheduling:

Sharisa Henry

E-mail: sharisa.henry@calpinesolutions.com

Ph: 619-684-8183

Fax: 619-684-8355

Real Time Operations:

Ph: 1-888-896-8629

Fax: 619-684-8355

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:

By:

| /s/ ~~Rick Vail~~ ~~VP~~Patience Carey Director, Transmission
~~3/09/2023~~ Services 12/20/2023
Name Title Date

Transmission Customer:

By: /s/ Neil Bresnan Senior Vice President 3/7/2023
Name Title Date

Exhibit A

Designated Loads For Network Integration Transmission Service

1.0 Transmission Customer's Load Designated as Network Service:

Those loads listed on Exhibit D for selected direct access meters in the state of Oregon. The total peak and average load for these parties is approximately ~~19~~20 MW.

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 control area of the Bonneville Power Administration and terminates within the control area of Transmission Provider's Oregon transmission system designated as "PACW".

3.0 Point(s) of Receipt:

Transmission Provider's various interconnections with the Bonneville Power Administration as referenced by the BPAT.PACW-PACW path on the Transmission Provider's OASIS.

Delivering Party: Bonneville Power Administration

4.0 Point(s) of Delivery: See Exhibit D

Receiving Party: Retail End-user loads (formerly PacifiCorp retail customers) listed in Exhibit D.

5.0 Designation of party(ies) subject to reciprocal service obligation: none

6.0 Name(s) of any Intervening Systems: The Bonneville Power Administration for those Points of Delivery in Exhibit D. Transmission Customer shall share in third party wheeling costs, if any, in accordance with Attachment M, section 9 - Oregon Transmission Integration.

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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:

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Note: Distribution Service provided directly to the Retail End-User loads listed on Exhibit D shall be provided for and billed separately from this Service Agreement under PacifiCorp's OPUC tariff for Direct Access Delivery Service per Schedule 728, 730, or 748.

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.

c) Regulation and Frequency Response Service:

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

d) Energy Imbalance Service:

As required pursuant to Schedule 4 of the Tariff.

Transmission Customer shall use its best efforts to minimize energy imbalance through scheduling a sufficient amount of energy to be delivered each hour to Transmission Provider's transmission system to cover the sum of its Retail End User forecasted loads, plus the transmission and distribution loss percentage listed in Exhibit D.

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.

8.0 Optional Waiver of Jury Trial:

_____ (Transmission Customer to check only if applicable). TO THE FULLEST EXTENT PERMITTED BY LAW, EACH OF THE PARTIES HERETO WAIVES ANY RIGHT IT MAY HAVE TO A TRIAL BY JURY IN RESPECT OF LITIGATION DIRECTLY OR INDIRECTLY ARISING OUT OF, UNDER OR IN CONNECTION WITH THIS AGREEMENT. EACH PARTY FURTHER WAIVES ANY RIGHT TO CONSOLIDATE, OR TO REQUEST THE CONSOLIDATION OF, ANY ACTION IN WHICH A JURY TRIAL HAS BEEN WAIVED WITH ANY OTHER ACTION IN WHICH A JURY TRIAL CANNOT BE OR HAS NOT BEEN WAIVED.

9.0 Successors and Assigns

Transmission Provider may at any time assign its rights and delegate its obligations under this Agreement, in whole or in part, including, without limitation, transferring its rights and obligations under this Agreement to any: (i) affiliate; (ii) successor in interest, or (iii) corporation or any other business entity in conjunction with a merger, consolidation or other business reorganization to which

Transmission Provider is a party. Affiliate includes any entity in which Berkshire Hathaway Inc. owns more than a 5% interest, over which Berkshire Hathaway Energy exercises management control, or which is listed on an exhibit to this Agreement. Transmission Customer shall not assign its rights, nor delegate its obligations, under this Agreement without the prior written consent of Transmission Provider, and any attempted transfer in violation of this restriction shall be void.

Exhibit B

Network Resources Available to Transmission Customer

The available Network Resource is a firm contract with The Energy Authority providing for the supply of power at BPAT.PACW from January 1, ~~2023~~2024 through December 31, ~~2023~~2024.

Exhibit C

Network Facility Transmission Credit

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