

May 29, 2025

***VIA ELECTRONIC FILING***

Public Utility Commission of Oregon  
Attn: Filing Center  
201 High Street SE, Suite 100  
Salem, OR 97301-3398

**Re: UM 2386—PacifiCorp's Renewable Portfolio Standard Oregon Compliance Report for 2024**

PacifiCorp d/b/a Pacific Power encloses for filing in the above-referenced docket its Renewable Portfolio Standard Oregon Compliance Report for 2024 in accordance with ORS 469A.170 and OAR 860-083-0350. Attachments A-D are confidential and provided in accordance with General Protective Order No. 23-132.

If you have any questions about this filing, please contact Amira Streeter, State Regulatory Affairs Manager, at (503) 260-4420.

Sincerely,



Robert Meredith  
Director, Regulation

Enclosures

## CERTIFICATE OF SERVICE

I certify that I served a true and correct copy of **PacifiCorp's Renewable Portfolio Standard Oregon Compliance Report for 2024** on the parties listed below via electronic mail in compliance with OAR 860-001-0180.

### SERVICE LIST UM 2325

PacifiCorp, dba Pacific Power  
825 NE Multnomah St., Suite 2000  
Portland, OR 97232  
[oregondockets@pacificorp.com](mailto:oregondockets@pacificorp.com)

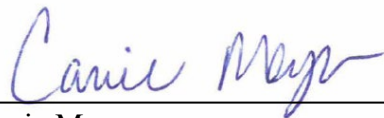
Zachary Rogala (C)  
Pacific Power  
[zachary.rogala@pacificorp.com](mailto:zachary.rogala@pacificorp.com)

Natascha Smith (C)  
PUC Staff - Department of Justice  
Business Activities Section  
1162 Court St NE  
Salem OR 97301-4796  
[natascha.b.smith@doj.state.or.us](mailto:natascha.b.smith@doj.state.or.us)

Alondra Regalado (C)  
Public Utility Commission of Oregon  
PO Box 1088  
Salem OR 97308-1088  
[alondra.regalado@puc.oregon.gov](mailto:alondra.regalado@puc.oregon.gov)

Joni Sliger  
Oregon Dept of Energy  
550 Capitol St. NE 1<sup>st</sup> Floor  
Salem, OR 97301  
[Joni.sliger@energy.oregon.gov](mailto:Joni.sliger@energy.oregon.gov)

Dated this 29<sup>th</sup> day of May, 2025.

  
\_\_\_\_\_  
Carrie Meyer  
Manager, Discovery & Regulatory  
Operations



*Low Impact Hydro - North Umpqua*



*Solar - Black Cap*



*Wind - Goodnoe Hills*

# **PacifiCorp**

## **Oregon**

### **Renewable Portfolio Standard**

### **Compliance Report**

### **2024**

**May 29, 2025**

**PacifiCorp  
Renewable Portfolio Standard  
Oregon Compliance Report  
2024**

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## **Introduction**

As required by Oregon Revised Statute (ORS) 469A.170 and Oregon Administrative Rule (OAR) 860-083-0350, PacifiCorp d/b/a Pacific Power (PacifiCorp or Company) respectfully submits this 2024 Oregon Renewable Portfolio Standard Compliance Report (2024 RPS Compliance Report) to the Public Utility Commission of Oregon (Commission), to meet the requirements of Oregon's renewable portfolio standard (RPS). This report was prepared with the standardized form adopted by Order No. 11-440 in docket UM 1467 on November 9, 2011.

## **Summary**

This 2024 RPS Compliance Report shows that PacifiCorp met the 2024 Oregon RPS target with **2,796,471** bundled and unbundled renewable energy certificates (RECs). PacifiCorp used bundled and unbundled RECs with a vintage of **2021, 2022, 2023 and 2024**, from generating facilities certified by the Oregon Department of Energy (ODOE) as Oregon RPS-eligible. The generating facilities, either owned by PacifiCorp or under contract, are registered in the Western Renewable Energy Generation Information System (WREGIS) and the associated WREGIS certificates are reported in this 2024 RPS Compliance Report.

In accordance with ORS 469A.170(2)(e), through 2024, PacifiCorp added cost-effective renewable resources to its generation portfolio. In addition, as required by ORS 757.365 and OAR 860-084-0020(2), the Company included renewable resources associated with the Oregon Solar Incentive Program (OSIP) for RPS compliance. The Company used 2024 vintage OSIP RECs.

The Company has calculated the incremental costs for the RECs that will be used for the 2024 compliance requirement and the total cost of RECs for 2007 through 2024. The incremental costs associated with the renewable resources used for 2024 RPS compliance are consistent with PacifiCorp's 2023-2025 Renewable Portfolio Implementation Plan (RPIP),<sup>1</sup> the applicable RPIP for compliance year 2024. Consistent with the 2023-2025 acknowledged RPIP, using the methodology established by the Commission's rules, PacifiCorp's incremental costs for compliance year 2024 do not trigger the four percent cost limit under ORS 469A.100.

## **2024 RPS Compliance Report**

The following information is provided in response to the requirements of OAR 860-083-0350.

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<sup>1</sup> The 2023-2025 RPIP filed in docket UM 2212 was acknowledged by the Commission by Order No. 21-487 on December 28, 2021.

| <b>OAR 860-083-0350(2)(a)</b>  |
|--|
| The total number of megawatt-hours sold to retail electricity consumers covered by ORS 469A.052 by the electric company or sold in the service areas of each electric company covered by ORS 469A.052 by the electricity service supplier. |

**Response:**

A total of **13,991,113** megawatt-hours were sold to Oregon retail consumers in 2024. A total of 8,763 megawatt-hours are associated with the Oregon Community Solar Program subscriptions and are eligible to be deducted from the amount of electricity sold by the electric company to retail electricity consumers for the purpose of calculating the electric company's renewable portfolio standard under ORS 469A.052. A total of 458,822 megawatt-hours are associated with Oregon Direct Access load served by electricity service suppliers to whom PacifiCorp transferred the associated **91,769** RECs for the electricity service suppliers' RPS compliance obligation.

| <b>OAR 860-083-0350(2)(b)</b>   |
|---|
| The total number of renewable energy certificates, identified as either unbundled or bundled certificates, acquired in the compliance year and used to meet the renewable portfolio standard. |

**Response:**

A total of **207,999** unbundled certificates were acquired in 2024. No unbundled certificates acquired in 2024 were used to meet the RPS in compliance year 2024. A total of **2,913,673** bundled certificates were acquired in the compliance year. Of those, **28,481** bundled certificates with a vintage of 2024 were used to meet the RPS requirement for compliance year 2024.<sup>2</sup>

| <b>OAR 860-083-0350(2)(c)</b>  |
|--|
| The total number of renewable energy certificates, identified as either unbundled or bundled certificates, acquired on or before March 31 of the year following the compliance year and used to meet the renewable portfolio standard. |

**Response:**

No bundled or unbundled certificates acquired on or between January 1, 2025, and March 31, 2025, were used to meet the RPS for compliance year 2024.

| <b>OAR 860-083-0350(2)(d)</b>  |
|--|
| The total number and cost of unbundled renewable energy certificates, identified as either banked or non-banked certificates, used to meet the renewable portfolio standard. |

**Response:**

The total number of unbundled RECs used to meet the RPS for compliance year 2024 is **392,836**.

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<sup>2</sup> Includes **6,861** RECs (2024 vintage) transferred to the Company from the Energy Trust of Oregon (ETO), **13,872** RECs associated with the OSIP and 7.748 RECs includes 2x Solar multiplier, per ORS 757.375.

For cost and detail by facility, see Confidential Attachment A.

| OAR 860-083-0350(2)(e)  |
|---|
| The total number of banked bundled renewable energy certificates that were used to meet the renewable portfolio standard. |

**Response:**

The total number of banked bundled RECs used to meet the RPS for compliance year 2024 is **2,375,154**.<sup>3</sup> The total number of banked bundled RECs from ETO projects was **6,302** from vintage 2022 and 2023 that were used for 2024 compliance, per their ETO funding agreements. There were six vintage 2022 RECs associated with the Oregon Solar Incentive Program that were used for 2024 compliance.

For detail by facility, see Confidential Attachment A.

| OAR 860-083-0350(2)(f)   |
|--|
| The total number of renewable energy certificates, identified as either bundled or unbundled certificates, issued in the compliance year that were banked to serve Oregon electricity consumers. |

**Response:**

As of this filing, there are **2,889,066** bundled certificates issued or received in the compliance year 2024 that are banked for the RPS requirement for Oregon.

As of this filing, there are **207,999** unbundled certificates issued in compliance year 2024 that are banked for the RPS requirement for Oregon.

As of this filing, there are **0** bundled certificates issued in compliance year 2024 that were transferred from the ETO to PacifiCorp and banked for the RPS requirement for Oregon.

For detail by facility, see Confidential Attachments B and D.

| OAR 860-083-0350(2)(g)  |
|---|
| For electric companies, unless otherwise provided under subsection (2)(k) of this rule, the total number of renewable energy certificates included in the rates of Oregon retail electricity consumers that were sold since the last compliance report, including:<br>(A) The names of the associated generating facilities; and<br>(B) For each facility, the year or years the renewable energy certificates were issued. |

| Generating Facility Name | Year(s) RECs Issued |
|--------------------------|---------------------|
| N/A                      | N/A                 |

<sup>3</sup> Includes 2x Black Cap Solar multiplier, per ORS 757.375

**Response:**

PacifiCorp is a multi-state utility that allocates a portion of its renewable resources based on a state allocation process. Oregon's share of RECs is banked for RPS compliance; however, not all RECs meet the Oregon RPS qualifications. While the Company acknowledges that it does sell RECs generated by Oregon eligible resources, these REC sales are not Oregon-allocated RECs; they are RECs allocated to other state jurisdictions. Therefore, no Oregon RPS-compliant RECs included in the rates of Oregon retail electricity consumers were sold during the compliance year.

| OAR 860-083-0350(2)(h)   |
|--|
| Unless otherwise provided under subsection (2)(k) of this rule, for each generating facility associated with the renewable energy certificates included in subsections (2)(b), (c), (f), or (g) of this rule the following information:<br>(A) The name of the facility;<br>(B) The county and state where the facility is located;<br>(C) The type of renewable resource;<br>(D) The total nameplate megawatt capacity of the facility;<br>(E) For an electric company, the Oregon share of the nameplate megawatt capacity of the facility;<br>(F) The year of the first delivery of qualifying electricity or the first year of the contract for the purchase of unbundled renewable energy certificates; and<br>(G) The duration of the contract or the amortization period of a facility owned by the electric company or the planned lifetime of a facility owned by the electricity service supplier. |

**Response:**

Please see the tables below. Table 2 lists the generating facilities associated with bundled RECs, and Table 3 lists the generating facilities associated with unbundled RECs. These tables include projects that have reached commercial operation, those that have received certification for RPS eligibility through the ODOE, and those pending RPS certification.

**Table 2 – Bundled RECs**

| Energy Source     | Generating Facility              | Resource Type <sup>4</sup> | County          | State | Commercial Operation Year or First Year Contract | Duration       | Nominal Capacity (MW) | OR Share Nameplate (MW) |
|-------------------|----------------------------------|----------------------------|-----------------|-------|--|----------------|-----------------------|-------------------------|
| <b>Biogas</b>     | Hill Air Force Base              | QF                         | Davis           | UT    | 2005   | 20 years       | 2.457                 | See Comment and Table 4 |
| <b>Biomass</b>    | RFP Dillard                      | QF                         | Douglas         | OR    | 1955   | 20 years       | 20                    | See Comment and Table 4 |
| <b>Geothermal</b> | Blundell II                      | Utility Owned              | Beaver          | UT    | 2007   | Not Applicable | 12                    | See Comment and Table 4 |
| <b>Wind</b>       | Campbell Hill-Three Buttes       | PPA                        | Converse        | WY    | 2009   | 20 years       | 99                    | See Comment and Table 4 |
|                   | Cedar Springs I                  | PPA                        | Converse        | WY    | 2021   | 20 years       | 199.4                 |                         |
|                   | Cedar Springs II                 | Utility Owned              | Converse        | WY    | 2021   | Not Applicable | 198.8                 |                         |
|                   | Cedar Springs III                | PPA                        | Converse        | WY    | 2021   | 20 years       | 133.3                 |                         |
|                   | Chevron Casper Wind <sup>5</sup> | QF                         | Natrona         | WY    | 2009   | 5 years        | 16.5                  |                         |
|                   | Combine Hills                    | PPA                        | Umatilla        | OR    | 2003   | 20 years       | 41                    |                         |
|                   | Dunlap I                         | Utility Owned              | Carbon          | WY    | 2010   | Not Applicable | 111                   |                         |
|                   | Ekola Flats Wind                 | Utility Owned              | Carbon          | WY    | 2021   | Not Applicable | 250                   |                         |
|                   | Foote Creek I                    | Utility Owned              | Carbon          | WY    | 1999   | Not Applicable | 40.8                  |                         |
|                   | Foote Creek III                  | Utility Owned              | Carbon          | WY    | 2014   | 5 years        | 1.80                  |                         |
|                   | Foote Creek IV                   | Utility Owned              | Carbon          | WY    | 2014   | 5 years        | 24.50                 |                         |
|                   | Glenrock I                       | Utility Owned              | Converse        | WY    | 2008   | Not Applicable | 99                    |                         |
|                   | Glenrock III                     | Utility Owned              | Converse        | WY    | 2009   | Not Applicable | 39                    |                         |
|                   | Goodnoe Hills                    | Utility Owned              | Klickitat       | WA    | 2008   | Not Applicable | 94                    |                         |
|                   | High Plains                      | Utility Owned              | Albany & Carbon | WY    | 2009   | Not Applicable | 99                    |                         |
|                   | Latigo                           | PPA                        | San Juan        | Utah  | 2016   | 20 years       | 60                    |                         |
|                   | Leaning Juniper I                | Utility Owned              | Gilliam         | OR    | 2006   | Not Applicable | 100.5                 |                         |

<sup>4</sup> QF = Qualifying Facility

PPA = Power Purchase Agreement

SVP = Solar Volumetric Project

SG= System Generation Factor which is used to derive Oregon's share of resource allocation from PacifiCorp's total system

ETO = Energy Trust of Oregon Funded Project

<sup>5</sup> PacifiCorp held a short term PPA with Chevron Casper Wind which terminated June 30, 2018.



**Table 2 – Bundled RECs**

| Energy Source    | Generating Facility      | Resource Type <sup>4</sup> | County          | State | Commercial Operation Year or First Year Contract | Duration       | Nominal Capacity (MW) | OR Share Nameplate (MW)       |
|------------------|--------------------------|----------------------------|-----------------|-------|--|----------------|-----------------------|-------------------------------|
|                  | Marengo                  | Utility Owned              | Columbia        | WA    | 2007   | Not Applicable | 140.4                 |                               |
|                  | Marengo II               | Utility Owned              | Columbia        | WA    | 2008   | Not Applicable | 70.2                  |                               |
|                  | McFadden Ridge           | Utility Owned              | Albany & Carbon | WY    | 2009   | Not Applicable | 28.5                  |                               |
|                  | Meadow Creek Five Pine   | QF                         | Bonneville      | ID    | 2012   | 20 years       | 40                    |                               |
|                  | Meadow Creek North Point | QF                         | Bonneville      | ID    | 2012   | 20 years       | 80                    |                               |
|                  | Mountain Wind Power      | QF                         | Uinta           | WY    | 2008   | 25 years       | 60.9                  |                               |
|                  | Mountain Wind Power II   | QF                         | Uinta           | WY    | 2008   | 25 years       | 79.8                  |                               |
|                  | Orchard Wind Farm 1      | QF                         | Umatilla        | OR    | 2020   | 20 years       | 10                    |                               |
|                  | Orchard Wind Farm 2      | QF                         | Umatilla        | OR    | 2020   | 20-years       | 10                    |                               |
|                  | Orchard Wind Farm 3      | QF                         | Umatilla        | OR    | 2020   | 20 years       | 10                    |                               |
|                  | Orchard Wind Farm 4      | QF                         | Umatilla        | OR    | 2020   | 20 years       | 10                    |                               |
|                  | Pioneer Wind             | QF                         | Converse        | WY    | 2016   | 20 years       | 80.0                  |                               |
|                  | Rock River I             | PPA                        | Carbon          | WY    | 2001   | 20 years       | 50                    |                               |
|                  | Seven Mile Hill I        | Utility Owned              | Carbon          | WY    | 2008   | Not Applicable | 99                    |                               |
|                  | Seven Mile Hill II       | Utility Owned              | Carbon          | WY    | 2008   | Not Applicable | 19.5                  |                               |
|                  | TB Flats I               | Utility Owned              | Carbon          | WY    | 2021   | Not Applicable | 306                   |                               |
|                  | TB Flats II              | Utility Owned              | Carbon          | WY    | 2021   | Not Applicable | 194                   |                               |
|                  | Top of the World         | PPA                        | Converse        | WY    | 2010   | 20 years       | 200.2                 |                               |
|                  | Wolverine Creek          | PPA                        | Bonneville      | ID    | 2005   | 20 years       | 64.5                  |                               |
| Hydro-Low Impact | Ashton                   | Utility Owned              | Fremont         | ID    | 1917   | Not Applicable | 6.8                   | See Comment and Table 4 Below |
|                  | Clearwater 1             | Utility Owned              | Douglas         | OR    | 1953   |                | 15                    |                               |
|                  | Clearwater 2             | Utility Owned              | Douglas         | OR    | 1953   |                | 26                    |                               |
|                  | Cutler                   | Utility Owned              | Box Elder       | UT    | 1927   |                | 30                    |                               |
|                  | Fish Creek               | Utility Owned              | Douglas         | OR    | 1952   |                | 11                    |                               |
|                  | Oneida                   | Utility Owned              | Franklin        | ID    | 1915   |                | 30                    |                               |
|                  | Prospect 3               | Utility Owned              | Jackson         | OR    | 1932   |                | 7.7                   |                               |
|                  | Slide Creek              | Utility Owned              | Douglas         | OR    | 1951   |                | 18                    |                               |
|                  | Soda                     | Utility Owned              | Caribou         | ID    | 1924   |                | 14                    |                               |
|                  | Soda Springs             | Utility Owned              | Douglas         | OR    | 1952   |                | 11                    |                               |
|                  | Grace                    | Utility Owned              | Caribou         | ID    | 1923   |                | 33                    |                               |
|                  | Lemolo 1                 | Utility Owned              | Douglas         | OR    | 1955   |                | 32                    |                               |
|                  | Lemolo 2                 | Utility Owned              | Douglas         | OR    | 1956   |                | 38.5                  |                               |
|                  | Toketee                  | Utility Owned              | Douglas         | OR    | 1950   |                | 42.6                  |                               |
|                  | Prospect 3               | Utility Owned              | Jackson         | OR    | 1932   |                | 7.7                   |                               |

**Table 2 – Bundled RECs**

| Energy Source | Generating Facility      | Resource Type <sup>4</sup> | County                               | State | Commercial Operation Year or First Year Contract | Duration | Nominal Capacity (MW) | OR Share Nameplate (MW) |
|---------------|--------------------------|----------------------------|--------------------------------------|-------|--|----------|-----------------------|-------------------------|
| Solar         | Central Oregon (CO 1)    | SVP                        | Jefferson, Deschutes, Crook          | OR    | 2010   | 15 Years | .209 <sub>AC</sub>    | 100%                    |
|               | Eastern Oregon (EO 1)    | SVP                        | Umatilla, Wallowa                    | OR    | 2010   |          | .211 <sub>AC</sub>    |                         |
|               | Portland Oregon (PO 1)   | SVP                        | Multnomah, Clatsop                   | OR    | 2010   |          | .249 <sub>AC</sub>    |                         |
|               | Willamette Valley (WV 1) | SVP                        | Marion, Benton, Linn, Lane, Polk     | OR    | 2010   |          | .227 <sub>AC</sub>    |                         |
|               | Southern Oregon (SO 1)   | SVP                        | Jackson, Josephine, Klamath, Coos    | OR    | 2010   |          | .25 <sub>AC</sub>     |                         |
|               | Southern Oregon (SO 2)   | SVP                        | Jackson, Josephine, Klamath, Coos    | OR    | 2011   |          | .265 <sub>AC</sub>    |                         |
|               | Central Oregon (CO 2)    | SVP                        | Deschutes, Crook, Jefferson          | OR    | 2011   |          | .243 <sub>AC</sub>    |                         |
|               | Southern Oregon (SO 3)   | SVP                        | Klamath, Lake, Jackson               | OR    | 2011   |          | .243 <sub>AC</sub>    |                         |
|               | Willamette Valley (WV 2) | SVP                        | Benton, Linn, Polk, Lane, Marion     | OR    | 2011   |          | .243 <sub>AC</sub>    |                         |
|               | Columbia River (CR 1)    | SVP                        | Hood River, Morrow, Mosier           | OR    | 2011   |          | .214 <sub>AC</sub>    |                         |
|               | Joseph Community Solar   | SVP                        | Wasco, Sherman Wallowa               | OR    | 2011   |          | .425 <sub>AC</sub>    |                         |
|               | Eastern Oregon (EO2)     | SVP                        | Umatilla, Wallowa                    | OR    | 2011   |          | .167 <sub>AC</sub>    |                         |
|               | Southern Oregon (SO4)    | SVP                        | Josephine, Klamath, Jackson          | OR    | 2012   |          | .248 <sub>AC</sub>    |                         |
|               | Southern Oregon (SO5)    | SVP                        | Klamath, Jackson, Lincoln            | OR    | 2012   |          | .248 <sub>AC</sub>    |                         |
|               | Willamette Valley (WV 3) | SVP                        | Linn, Marion, Benton, Polk           | OR    | 2012   |          | .247 <sub>AC</sub>    |                         |
|               | Lakeview                 | SVP                        | Lake                                 | OR    | 2012   |          | .363 <sub>AC</sub>    |                         |
|               | Solwatt                  | SVP                        | Umatilla                             | OR    | 2012   |          | .307 <sub>AC</sub>    |                         |
|               | Lakeview II              | SVP                        | Lake                                 | OR    | 2013   |          | .421 <sub>AC</sub>    |                         |
|               | Southern Oregon (SO 6)   | SVP                        | Klamath, Jackson, Josephine, Douglas | OR    | 2013   |          | .245 <sub>AC</sub>    |                         |
|               | Southern Oregon (SO 7)   | SVP                        | Klamath, Jackson, Coos               | OR    | 2013   |          | .250 <sub>AC</sub>    |                         |
|               | Willamette Valley (WV 4) | SVP                        | Benton, Linn                         | OR    | 2013   |          | .251 <sub>AC</sub>    |                         |
|               | Willamette Valley (WV 5) | SVP                        | Linn, Marion, Benton, Polk           | OR    | 2013   |          | .251 <sub>AC</sub>    |                         |
|               | Willamette Valley (WV 6) | SVP                        | Linn, Marion, Benton, Polk           | OR    | 2013   |          | .251 <sub>AC</sub>    |                         |
|               | Crook County             | SVP                        | Crook                                | OR    | 2013   |          | .411 <sub>AC</sub>    |                         |
|               | Southern Oregon (SO 8)   | SVP                        | Klamath, Jackson, Josephine          | OR    | 2013   |          | .221 <sub>AC</sub>    |                         |
|               | Southern Oregon (SO 9)   | SVP                        | Jackson                              | OR    | 2013   |          | .061 <sub>AC</sub>    |                         |
|               | Portland Oregon (PO 2)   | SVP                        | Multnomah, Clatsop                   | OR    | 2013   |          | .121 <sub>AC</sub>    |                         |
|               | Central Oregon (CO3)     | SVP                        | Deschutes, Jefferson, Crook          | OR    | 2013   |          | .201 <sub>AC</sub>    |                         |
|               | Willamette Valley (WV 7) | SVP                        | Marion, Benton, Linn, Polk           | OR    | 2014   |          | .007 <sub>AC</sub>    |                         |
|               | Solwatt II               | SVP                        | Umatilla                             | OR    | 2014   |          | .168 <sub>AC</sub>    |                         |
|               | Powell Butte Solar       | SVP                        | Crook                                | OR    | 2014   |          | .164 <sub>AC</sub>    |                         |
|               | Southern Oregon (SO 10)  | SVP                        | Klamath, Josephine, Douglas, Jackson | OR    | 2014   |          | .249 <sub>AC</sub>    |                         |
| Solar         | Southern Oregon (SO 11)  | SVP                        | Klamath, Josephine, Jackson          | OR    | 2014   | 15 years | .212 <sub>AC</sub>    | 100%                    |
|               | Columbia River (CR 2)    | SVP                        | Wasco                                | OR    | 2014   |          | .009 <sub>AC</sub>    |                         |

**Table 2 – Bundled RECs**

| Energy Source | Generating Facility       | Resource Type <sup>4</sup> | County           | State | Commercial Operation Year or First Year Contract | Duration | Nominal Capacity (MW) | OR Share Nameplate (MW) |
|---------------|---------------------------|----------------------------|------------------|-------|--|----------|-----------------------|-------------------------|
|               | CTWS (Tribes W. Springs)  | SVP                        | Jefferson        | OR    | 2014   |          | .254 <sub>AC</sub>    |                         |
|               | Bourdet 5713351           | SVP                        | Klamath          | OR    | 2014   |          | .084 <sub>AC</sub>    |                         |
|               | Willamette Valley (WV 8)  | SVP                        | Linn, Polk       | OR    | 2015   |          | .203 <sub>AC</sub>    |                         |
|               | Willamette Valley (WV 9)  | SVP                        | Linn, Marion     | OR    | 2015   |          | .047 <sub>AC</sub>    |                         |
|               | Southern Oregon (SO 12)   | SVP                        | Klamath, Jackson | OR    | 2015   |          | .245 <sub>AC</sub>    |                         |
|               | Bourdet 5903801           | SVP                        | Klamath          | OR    | 2016   |          | .084 <sub>AC</sub>    |                         |
|               | Central Oregon (CO 4)     | SVP                        | Deschutes        | OR    | 2016   |          | .034 <sub>AC</sub>    |                         |
|               | Eastern Oregon (EO 3)     | SVP                        | Crook, Deschutes | OR    | 2016   |          | .225 <sub>AC</sub>    |                         |
|               | Portland Oregon (PO 3)    | SVP                        | Multnomah        | OR    | 2016   |          | .103 <sub>AC</sub>    |                         |
|               | Southern Oregon (SO 13)   | SVP                        | Klamath          | OR    | 2016   |          | .009 <sub>AC</sub>    |                         |
|               | Willamette Valley (WV 10) | SVP                        | Marion, Linn     | OR    | 2017   |          | .034 <sub>AC</sub>    |                         |
|               | Keeton 1                  | SVP                        | Klamath          | OR    | 2016   |          | .085 <sub>AC</sub>    |                         |
|               | Keeton 2                  | SVP                        | Klamath          | OR    | 2016   |          | .085 <sub>AC</sub>    |                         |
|               | Hammerich 1               | SVP                        | Klamath          | OR    | 2016   |          | .085 <sub>AC</sub>    |                         |
|               | Hammerich 2               | SVP                        | Klamath          | OR    | 2016   |          | .085 <sub>AC</sub>    |                         |
|               | Hammerich 3               | SVP                        | Klamath          | OR    | 2018   |          | .085 <sub>AC</sub>    |                         |
|               | Hammerich 4               | SVP                        | Klamath          | OR    | 2018   |          | .085 <sub>AC</sub>    |                         |
|               | Hammerich 5               | SVP                        | Klamath          | OR    | 2018   |          | .085 <sub>AC</sub>    |                         |
|               | Hammerich 6               | SVP                        | Klamath          | OR    | 2018   |          | .085 <sub>AC</sub>    |                         |
| Solar         | Adams Solar               | QF                         | Jefferson        | OR    | 2018   | 20 years | 10.0 <sub>AC</sub>    | CAGW <sup>7</sup>       |
|               | Bear Creek Solar          | QF                         | Deschutes        | OR    | 2018   | 20 years | 10.0 <sub>AC</sub>    | CAGW <sup>8</sup>       |
|               | Bly Solar                 | QF                         | Klamath          | OR    | 2018   | 20 years | 8.50 <sub>AC</sub>    | CAGW <sup>9</sup>       |
|               | Elbe Solar                | QF                         | Jefferson        | OR    | 2018   | 20 years | 10.0 <sub>AC</sub>    | CAGW <sup>10</sup>      |
|               | Black Cap <sup>6</sup>    | Utility Owned              | Lake             | OR    | 2012   | 16 years | 2.0 <sub>AC</sub>     | 100%                    |
|               | Pavant                    | QF                         | Millard          | UT    | 2015   | 20 years | 50.0 <sub>AC</sub>    | CAGW <sup>11</sup>      |
|               | Pavant II                 | QF                         | Millard          | UT    | 2016   | 20 years | 50.0 <sub>AC</sub>    | SG                      |
|               | Enterprise                | QF                         | Iron             | UT    | 2016   | 20 years | 80.0 <sub>AC</sub>    |                         |

<sup>6</sup> Facility is eligible for 2x1 REC multiplier under ORS 757.375.

<sup>7</sup> Oregon receives its Control Area Generation West (CAGW) share of this resource, which is treated partially as bundled and partially as unbundled.

<sup>8</sup> Oregon receives its Control Area Generation West (CAGW) share of this resource, which is treated partially as bundled and partially as unbundled.

<sup>9</sup> Oregon receives its Control Area Generation West (CAGW) share of this resource, which is treated partially as bundled and partially as unbundled.

<sup>10</sup> Oregon receives its Control Area Generation West (CAGW) share of this resource, which is treated partially as bundled and partially as unbundled.

<sup>11</sup> Oregon receives its Control Area Generation West (CAGW) share of this resource, which is treated partially as bundled and partially as unbundled.

**Table 2 – Bundled RECs**

| Energy Source | Generating Facility          | Resource Type <sup>4</sup> | County     | State | Commercial Operation Year or First Year Contract | Duration       | Nominal Capacity (MW) | OR Share Nameplate (MW)       |
|---------------|------------------------------|----------------------------|------------|-------|--|----------------|-----------------------|-------------------------------|
|               | Chiloquin                    | QF                         | Klamath    | OR    | 2018   | 20 years       | 9.9 <sub>AC</sub>     | CAGW <sup>12</sup>            |
|               | Klamath Falls Solar 2        | QF                         | Klamath    | OR    | 2017   | 20 years       | 2.9 <sub>AC</sub>     | SG                            |
|               | Norwest Energy 9             | QF                         | Umatilla   | OR    | 2018   | 13 years       | 6.0 <sub>AC</sub>     | SG                            |
|               | OR Solar 2 (Agate Bay)       | QF                         | Jackson    | OR    | 2020   | 20 years       | 10.0 <sub>AC</sub>    | SG                            |
|               | OR Solar 3 (Turkey Hill)     | QF                         | Klamath    | OR    | 2017   | 20 years       | 10.0 <sub>AC</sub>    | SG                            |
|               | OR Solar 5 (Merrill)         | QF                         | Klamath    | OR    | 2018   | 20 years       | 8.0 <sub>AC</sub>     | SG                            |
|               | OR Solar 6 (Lakeview)        | QF                         | Lake       | OR    | 2017   | 20 years       | 10.0 <sub>AC</sub>    | SG                            |
|               | OR Solar 8 (Dairy)           | QF                         | Klamath    | OR    | 2018   | 20 years       | 10.0 <sub>AC</sub>    | SG                            |
|               | OSLH (Collier)               | QF                         | Deschutes  | OR    | 2017   | 20 years       | 9.90 <sub>AC</sub>    | SG                            |
|               | Sage Solar I                 | QF                         | Lincoln    | WY    | 2019   | 20 years       | 20.0 <sub>AC</sub>    | SG                            |
|               | Sage Solar II                | QF                         | Lincoln    | WY    | 2019   | 20 years       | 20.0 <sub>AC</sub>    | SG                            |
|               | Sage Solar III               | QF                         | Lincoln    | WY    | 2019   | 20 years       | 17.6 <sub>AC</sub>    | SG                            |
|               | Sweetwater Solar             | QF                         | Sweetwater | WY    | 2018   | 20 years       | 80.00 <sub>AC</sub>   | SG                            |
|               | Tumbleweed Solar             | QF                         | Deschutes  | OR    | 2017   | 20 years       | 9.90 <sub>AC</sub>    | SG                            |
|               | Woodline Solar               | QF                         | Klamath    | OR    | 2017   | 20 years       | 8.0 <sub>AC</sub>     | SG                            |
| Hydro         | C Drop Hydro                 | ETO                        | Klamath    | OR    | 2012   | Not Applicable | 1.1                   | See Comment and Table 4 Below |
|               | COID - Siphon Power          | ETO                        | Deschutes  | OR    | 1989   |                | 5.4                   |                               |
|               | FID - Copper Dam Plant       | ETO                        | Hood River | OR    | 1986   |                | 3                     |                               |
|               | COID - Juniper Ridge Hydro   | ETO                        | Deschutes  | OR    | 2010   |                | 5                     |                               |
|               | FID - Peters Drive Dam       | ETO                        | Hood River | OR    | 1987   |                | 1.8                   |                               |
|               | Opal Springs Hydro           | ETO                        | Deschutes  | OR    | 1982   |                | 4.3                   |                               |
|               | Swalley Irrigation District  | ETO                        | Deschutes  | OR    | 2010   |                | 0.75                  |                               |
|               | City of Astoria – Bear Creek | ETO                        | Clatsop    | OR    | 2015   |                | 0.03                  |                               |
|               | City of Albany Hydro         | ETO                        | Linn       | OR    | 2009   |                | 0.50                  |                               |
|               | Watson Hydro                 | ETO                        | Malheur    | OR    | 2016   |                | 0.70                  |                               |
| Biogas        | Farm Power Misty Meadow      | ETO                        | Tillamook  | OR    | 2013   | Not Applicable | 0.75                  |                               |

<sup>12</sup> Oregon receives its Control Area Generation West (CAGW) share of this resource, which is treated partially as bundled and partially as unbundled.

**Table 3 – Unbundled RECs**

| Energy Source              | Generating Facility                     | Resource Type <sup>6</sup> | County      | State | First Year Contract | Duration       | Nominal Capacity (MW) | OR Share Nameplate (MW) |
|----------------------------|---|----------------------------|-------------|-------|---------------------|----------------|-----------------------|-------------------------|
| <b>Biogas</b>              | Dry Creek Landfill                      | PPA                        | Jackson     | OR    | 2013                | Not Applicable | Not Applicable        | Not Applicable          |
|                            | AgPower Jerome                          | PPA                        | Jerome      | ID    | 2013                |                |                       |                         |
| <b>Wind</b>                | Mountain View I                         | PPA                        | Riverside   | CA    | 2013                | Not Applicable | Not Applicable        | Not Applicable          |
|                            | Mountain View II                        | PPA                        | Riverside   | CA    | 2013                |                |                       |                         |
|                            | Condon                                  | PPA                        | Gilliam     | OR    | 2013                |                |                       |                         |
|                            | Foote Creek II                          | PPA                        | Carbon      | WY    | 2013                |                |                       |                         |
|                            | Klondike I                              | PPA                        | Sherman     | OR    | 2013                |                |                       |                         |
|                            | Stateline                               | PPA                        | Walla Walla | WA    | 2013                |                |                       |                         |
|                            | Kittitas Valley Wind                    | PPA                        | Kittitas    | WA    | 2013                |                |                       |                         |
|                            | Nine Canyon Wind Project                | PPA                        | Benton      | WA    | 2013                |                |                       |                         |
|                            | Nine Canyon Phase 3                     | PPA                        | Benton      | WA    | 2013                |                |                       |                         |
|                            | Elkhorn                                 | PPA                        | Union       | OR    | 2013                |                |                       |                         |
|                            | Hopkins Ridge                           | PPA                        | Columbia    | WA    | 2013                |                |                       |                         |
|                            | Wild Horse                              | PPA                        | Kittitas    | WA    | 2013                |                |                       |                         |
|                            | Red Mesa                                | PPA                        | Cibola      | NM    | 2013                |                |                       |                         |
|                            | Logan Wind                              | PPA                        | Logan       | CO    | 2016                |                |                       |                         |
| <b>Hydro - Incremental</b> | Rocky Reach Hydroelectric Project - C11 | PPA                        | Chelan      | WA    | 2013                | Not Applicable | Not Applicable        | Not Applicable          |
| <b>Solar</b>               | Pavant                                  | QF                         | Millard     | UT    | 2015                | 10 years       | Not Applicable        | Not Applicable          |
|                            | Enterprise                              | QF                         | Iron        | UT    | 2016                | 10 years       |                       |                         |
|                            | Adams                                   | QF                         | Jefferson   | OR    | 2018                | 20 years       |                       |                         |
|                            | Bear Creek                              | QF                         | Deschutes   | OR    | 2018                | 20 years       |                       |                         |
|                            | Bly                                     | QF                         | Klamath     | OR    | 2018                | 20 years       |                       |                         |
|                            | Elbe                                    | QF                         | Jefferson   | OR    | 2018                | 20 years       |                       |                         |

Resources listed in Table 2—except for those associated with the OSIP, the Black Cap Solar project, Combine Hills Wind, Adams Solar, Bear Creek Solar, Bly Solar, Elbe Solar, Pavant Solar, and Enterprise Solar—are system resources. Resource costs for system resources are allocated based on dynamic factors. For the years 2007 through 2024, the following system generation allocation factors were used to allocate the RECs associated with the system resources:

| <b>Table 4<br/>Multi-State Protocol Allocation - Oregon<br/>System Generation Factor</b> |                          |
|--|--------------------------|
| <b>Year</b>  | <b>Annual Percentage</b> |
| 2007   | 27.44%                   |
| 2008   | 28.19%                   |
| 2009   | 27.49%                   |
| 2010   | 26.20%                   |
| 2011   | 25.81%                   |
| 2012   | 25.93%                   |
| 2013   | 25.20%                   |
| 2014   | 25.51%                   |
| 2015   | 25.47%                   |
| 2016   | 26.62%                   |
| 2017   | 25.77%                   |
| 2018   | 26.06%                   |
| 2019   | 26.32%                   |
| 2020   | 27.14%                   |
| 2021   | 26.95%                   |
| 2022   | 26.72%                   |
| 2023   | 27.28%                   |
| 2024   | 25.80%                   |

RECs associated with Combine Hills and other ETO-funded projects are assigned to the ETO and transferred to PacifiCorp for use toward PacifiCorp’s Oregon RPS.

RECs associated with unbundled REC purchases and the costs associated with those purchases are accounted for and deferred in accordance with Commission Order No. 13-064 in docket UM 1646 and Order No. 17-019 in docket UE 313.

| <b>OAR 860-083-0350(2)(i)</b>  |
|--|
| The amount of alternative compliance payments the electric company or electricity service supplier elected to use or was required to use to comply with the applicable renewable portfolio standard. |

**Response:**

PacifiCorp did not elect to use and was not required to use alternative compliance payments for compliance with the RPS.

| <b>OAR 860-083-0350(2)(j)</b>   |
|---|
| For an electric company, sufficient data, documentation, and other information to demonstrate that any voluntary alternative compliance payments were a reasonable compliance method. |

**Response:**

PacifiCorp did not make any alternative compliance payments.

| <b>OAR 860-083-0350(2)(k)</b>   |
|---|
| Documentation of use of renewable energy certificates from the system under OAR 330-160-0020 established for compliance with the applicable renewable portfolio standard. |

**Response:**

Confidential Attachments C identifies the WREGIS certificates that PacifiCorp intends to retire to meet the RPS for compliance year 2024. Upon Commission approval of the 2024 RPS Compliance Report, the Company will retire these WREGIS certificates.

| <b>OAR 860-083-0350(2)(l)</b>   |
|---|
| For each electric company, a detailed explanation of any material deviations from the applicable implementation plan filed under OAR 860-083-0400, as acknowledged by the Commission. |

**Response:**

The 2024 RPS Compliance Report is consistent with the 2023-2025 RPIP acknowledged by the Commission.<sup>13</sup> The Company received approval of its 2023-2025 RPIP on April 5, 2022, see Order 22-111. PacifiCorp used the analysis from the approved 2023-2025 RPIP to inform the total costs for the 2024 RPS Compliance Report. PacifiCorp used the analysis from the approved 2023-2025 RPIP to inform the total costs for the 2024 RPS Compliance Report because it has the most up to date levelized incremental cost available for PacifiCorp's applicable RPS resources. Specifically, PacifiCorp used the levelized incremental costs calculated under Scenario 6 – November 8, 2021, official forward price curve. In addition, the Company has included ETO purchased megawatt-hours and associated REC information in the total purchased category. There are no material deviations from the 2023-2025 RPIP implementation plan filed under OAR 860-083-0400 in terms of overall compliance outcomes and REC use strategies, with the exception of the Company utilizing more older vintage RECs in its bank to address intergenerational equity concerns raised by staff in 2021-2023 RPIP and the 2023-2025 RPIP.<sup>14</sup> PacifiCorp is meeting a portion of its 2024 compliance requirement with older-vintage banked RECs.

<sup>13</sup> UM 2212 – 2023-2025 RPIP

<sup>14</sup> UM 2049 - 2021-2023 RPIP

| <b>OAR 860-083-0350(2)(m)</b>   |
|---|
| As specified in OAR 860-083-0100, the total number and cost of bundled renewable energy certificates used for compliance. |

**Response:**

The total number of bundled RECs used to meet the RPS for compliance year 2024 is **2,399,761**.<sup>15</sup>

For details by facility and for cost, see Confidential Attachment A.

| <b>OAR 860-083-0350(2)(n)</b>   |
|---|
| For each electric company, its projected annual revenue requirement as calculated in OAR 860-083-0200 and its total cost of compliance. |

**Response:**

Table 5 below shows the annual revenue requirement for 2024, consistent with PacifiCorp's compliance filing under OAR 860-083-0200 submitted on November 15, 2023, and the Company's total cost of compliance for 2024. PacifiCorp's 2024 incremental cost of compliance as a percentage of annual revenue requirement does not exceed the threshold of four percent of annual revenue requirement.

| <b>Table 5</b>         |   |  |   |  |
|------------------------|---|--|---|--|
| <b>Compliance Year</b> | <b>Oregon Allocated Nominal Levelized Incremental Cost (\$000s)</b> | <b>2024 Revenue Requirement (\$000s)</b> | <b>4% of Oregon Annual Revenue Requirement (\$000s)</b> | <b>% Oregon Annual Revenue Requirement Threshold</b> |
| 2024                   | (\$1,925)   | \$1,727,169                              | \$69,087  | 4.0%   |

| <b>OAR 860-083-0350(2)(o)</b>  |
|--|
| For each electricity service supplier, its total cost of compliance, its average cost of compliance, and its cost limit as specified in OAR 860-083-0300(2), including all calculations. |

**Response:**

Not applicable.

<sup>15</sup> Does not include 2x Black Cap Solar multiplier



| <b>OAR 860-083-0350(2)(p)</b>   |
|---|
| For each electric company, an accounting of the use of the renewable energy certificates and alternative cost payments consistent with OAR 860-083-0300(3) if the cost limit in ORS 469A.100(1) is reached for the compliance year. |

**Response:**

The cost limit in ORS 469A.100 has not been reached for the 2024 compliance year.

| <b>OAR 860-083-0350(2)(q)</b>   |
|---|
| For each electricity service supplier, an accounting of the use of the renewable energy certificates and alternative cost payments consistent with OAR 860-083-0300(3) if the cost limit in OAR 860-083-0300(2) is reached for the compliance year. |

**Response:**

Not applicable.

| <b>OAR 860-083-0350(2)(r)</b>  |
|--|
| As specified in OAR 860-083-0100, the number and total cost of all bundled renewable energy certificates issued. |

**Response:**

Please refer to Confidential Attachment D for the number of Oregon-allocated RECs and the total cost of the RECs for the period 2007 through 2024. The number of RECs is subject to change if any additional renewable resources are certified with ODOE or any additional RECs are transferred to the Company from the ETO.

| <b>OAR 860-083-0350(2)(s)</b>   |
|---|
| As specified in OAR 860-083-0100, the number and total cost of bundled renewable energy certificates issued that are associated with new qualifying electricity since the last compliance report. |

**Response:**

For details on numbers of RECs and cost information, see Confidential Attachment D. The new qualifying resources since the last compliance year report are listed below.

| Table 6 – New Added Resources |                               |               |           |       |  |
|-------------------------------|-------------------------------|---------------|-----------|-------|--|
| Energy Source                 | Generating Facility           | Resource Type | County    | State | Commercial Operation Year or First Year Contract |
| Wind                          | Orchard Wind Farm 1           | Purchase      | Umatilla  | OR    | 2020   |
| Wind                          | Orchard Wind Farm 2           | Purchase      | Umatilla  | OR    | 2020   |
| Wind                          | Orchard Wind Farm 3           | Purchase      | Umatilla  | OR    | 2020   |
| Wind                          | Orchard Wind Farm 4           | Purchase      | Umatilla  | OR    | 2020   |
| Solar                         | Chiloquin Solar               | Purchase      | Klamath   | OR    | 2018   |
| Solar                         | Klamath Falls Solar 2(Ewauna) | Purchase      | Klamath   | OR    | 2017   |
| Solar                         | Norwest Energy 9 (Pendelton)  | Purchase      | Umatilla  | OR    | 2018   |
| Solar                         | OR Solar 2 (Agate Bay)        | Purchase      | Jackson   | OR    | 2020   |
| Solar                         | OR Solar 3 (Turkey Hill)      | Purchase      | Klamath   | OR    | 2017   |
| Solar                         | OR Solar 5 (Merrill Solar)    | Purchase      | Klamath   | OR    | 2018   |
| Solar                         | OR Solar 6 (Lakeview Solar)   | Purchase      | Lake      | OR    | 2017   |
| Solar                         | OR Solar 8 (Dairy)            | Purchase      | Klamath   | OR    | 2018   |
| Solar                         | OSLH (Collier Solar)          | Purchase      | Deschutes | OR    | 2017   |
| Solar                         | Tumbleweed Solar              | Purchase      | Deschutes | OR    | 2024   |
| Solar                         | Woodline Solar                | Purchase      | Klamath   | OR    | 2024   |

#### OAR 860-083-0350(6)

Each electric company subject to ORS 469A.052 and each electricity service supplier subject to ORS 469A.065 must post on its web site the public portion of the four most recent annual compliance reports required under this rule and provide a copy of the most recent such report to any person upon request. The public portions of the most recent compliance report must be posted within 30 days of the Commission decision in section (5) of this rule. The posting must include any Commission determinations under section (5) of this rule.

#### Response:

PacifiCorp will post its compliance report within 30 days of the Commission decision in accordance with this requirement.

#### OAR 860-083-0350(7)

Consistent with Commission orders for disclosure under OAR 860-038-0300, each electric company subject to ORS 469A.052 and each electricity service supplier subject to ORS 469A.065 must provide information about its compliance report to its customers by bill insert or other Commission-approved method. The information must be provided within 90 days of the Commission decision in section (5) of this rule or coordinated with the next available insert required under OAR 860-038-0300. The information must include the URL address for the compliance reports posted under section (6) of this rule.

**Response:**

PacifiCorp will provide information about its compliance report to its customers in accordance with this requirement within 90 days of the Commission decision or coordinated with the next available bill insert as required under OAR 860-038-0300.

**PacifiCorp  
Renewable Portfolio Standard Oregon  
Compliance Report  
2024**

**Attachments A-D**

**CONFIDENTIAL AND PROVIDED  
UNDER SEPARATE COVER**

**PacifiCorp  
Renewable Portfolio Standard Oregon  
Compliance Report  
2024**

**Attachment E**

**2024 RPS Compliance  
REC Summary**

**PacifiCorp**  
**Renewable Portfolio Standard**  
**Attachment E – Compliance REC Summary**  
**Oregon Compliance Report – Compliance Year 2024**

The bundled and unbundled renewable energy certificates (RECs) to be retired for PacifiCorp’s 2024 compliance year are summarized below by vintage year, fuel type, and location.

**OAR 860-083-0350(2)(d); OAR 860-083-0350(2)(e)**  
**Oregon's Allocated Renewable Energy Credits for 2024 Renewable Portfolio Standard**  
**Aggregated Data**

| <b>Bundled RECs</b>  |                           | <b>Vintage Year</b> |                  |             |               |
|----------------------|---------------------------|---------------------|------------------|-------------|---------------|
| <b>RESOURCE TYPE</b> | <b>LOCATION</b>           | <b>2021</b>         | <b>2022</b>      | <b>2023</b> | <b>2024</b>   |
| BIOGAS               | UT                        | 0                   | 2,834            | 0           | 0             |
| BIOMASS              | OR                        | 0                   | 14,415           | 0           | 0             |
| GEO THERMAL          | UT                        | 0                   | 22,135           | 0           | 0             |
| HYDRO - LOW IMPACT   | ID, OR, UT                | 0                   | 100,994          | 0           | 0             |
| HYDRO - INCREMENTAL  | MT, CA, UT, OR,<br>ID, WA | 0                   | 7,528            | 0           | 0             |
| SOLAR <sup>1</sup>   | OR, UT                    | 194,103             | 142,690          | 0           | 3,874         |
| - SOLAR MULTIPLIER   | OR                        |                     |                  |             | 3,874         |
| SOLAR - OSIP         | OR, UT                    | 0                   | 6                | 0           | 13,872        |
| WIND                 | ID, OR, WA, WY            | 463,929             | 1,420,218        | 0           | 0             |
| <b>BUNDLED TOTAL</b> |                           | <b>658,032</b>      | <b>1,710,820</b> | <b>0</b>    | <b>21,620</b> |

<sup>1</sup> RECs from Black Cap, which is eligible for the 2x1 Photovoltaic (PV) Multiplier for small solar under ORS 757.375. PV systems with a capacity of 500 kW to 5 MW installed within Oregon before January 1, 2016 will be credited for two kilowatt-hours (kWh) for each kWh generated, with respect to RPS compliance. In 2024, a total of 3,874 megawatt-hours were generated from Black Cap, respectively. However, these megawatt-hours contribute a total of 7,748 megawatt-hours or RECs towards the compliance year.

| Unbundled RECs         |          |                |                |          |          |
|------------------------|----------|----------------|----------------|----------|----------|
| RESOURCE TYPE          | LOCATION | 2021           | 2022           | 2023     | 2024     |
| SOLAR                  | UT       | 195,188        | 197,648        | 0        | 0        |
| <b>UNBUNDLED TOTAL</b> |          | <b>195,188</b> | <b>197,648</b> | <b>0</b> | <b>0</b> |

| Energy Trust RECs         |          |          |            |              |              |
|---------------------------|----------|----------|------------|--------------|--------------|
| RESOURCE TYPE             | LOCATION | 2021     | 2022       | 2023         | 2024         |
| BIOGAS                    | OR       | 0        | 0          | 0            | 1,934        |
| HYDRO                     | OR       | 0        | 130        | 6,172        | 4,927        |
| <b>ENERGY TRUST TOTAL</b> |          | <b>0</b> | <b>130</b> | <b>6,172</b> | <b>6,861</b> |

|                        |                  |
|------------------------|------------------|
| <b>TOTAL 2024 RECs</b> | <b>2,796,471</b> |
|------------------------|------------------|