

# **Request for Amendment #6 for the Summit Ridge Wind Farm**

**Prepared for**



**Summit Ridge Wind, LLC**

**Prepared by**



**August 2023**

## **Table of Contents**

1.0	Introduction .....	1
1.1	Project Summary and Request.....	1
1.2	Background and Procedural History .....	1
2.0	Amendment Required under OAR 345-027-0350 and Review Process under OAR 345-027-0351 .....	3
3.0	Certificate Holder Information – OAR 345-027-0360(1)(a).....	4
3.1	Name of the Facility .....	4
3.2	Name and Mailing Address of the Certificate Holder.....	4
3.3	Current Parent Company of Certificate Holder .....	4
3.4	Name and Mailing Address of the Individuals Responsible for Submitting the Request.....	5
4.0	Detailed Description of the Proposed Change – OAR 345-027-0360(1)(b) .....	5
4.1	Effect of Proposed Changes on the Facility – OAR 345-027-0360(1)(b)(A).....	6
4.2	Applicable Laws and Council Rules – OAR 345-027-0360(1)(b)(B).....	7
4.3	Location of the Proposed Change – OAR 345-027-0360(1)(b)(C).....	8
4.3.1	Facility Location.....	9
5.0	Division 21 Requirements – OAR 345-027-0360(1)(c).....	9
6.0	Site Certificate Revisions – OAR 345-027-0360(1)(d) .....	10
7.0	Other Standards and Permits – OAR 345-027-0360(1)(e).....	11
8.0	Property Owners of Record – OAR 345-027-0360(1)(f)) .....	16
9.0	Conclusion.....	16

## **List of Tables**

Table 1. Approved and Proposed Facility Components.....	7
Table 2. Standards and Laws Relevant to Proposed Amendment.....	13

## **List of Attachments**

Attachment 1. Redlined Site Certificate

Attachment 2. Division 21 Exhibits

Attachment 3. Property Owner List

**Acronyms and Abbreviations**

ASC	Application for Site Certificate
Aypa	Aypa Power LLC
BESS	battery energy storage system
Certificate Holder/ Summit Ridge	Summit Ridge Wind, LLC
Council	Energy Facility Siting Council
Facility	Summit Ridge Wind Farm
kV	kilovolt
MW	megawatt
OAR	Oregon Administrative Rule
ODOE	Oregon Department of Energy
PV	photovoltaic
RFA	Request for Amendment

## **1.0 Introduction**

### **1.1 Project Summary and Request**

Aypa Power LLC (Aypa), on behalf of its wholly owned subsidiary Summit Ridge Wind, LLC (Summit Ridge or Certificate Holder), is submitting a Request for Amendment (RFA) 6 to the Site Certificate for the Summit Ridge Wind Farm (Facility). The Facility is an approved wind energy generation facility consisting of up to 72 turbines, within an approved site boundary of approximately 11,000 acres in Wasco County, Oregon. Phase 1 of construction commenced in August 2020, including necessary modifications to a primary access road.

In this RFA 6, the Certificate Holder is proposing to reduce the total number of wind turbines, modify allowed wind turbine dimensions, and add a solar energy and battery storage component; reduce the Facility site boundary from the currently approved 11,000 acres to approximately 4,662 acres; reduce the length of access roads from the currently approved 19 miles to 10.2 miles; and extend the deadline for construction completion for the approved Facility, to implement the revised design.

The proposed changes would support the addition of solar and battery storage to the Facility and improve grid reliability by providing multiple sources of renewable and stored energy to the proposed Boyd Ridge substation, while significantly reducing the number of turbines and acreage of the site boundary. Clean energy provided by Summit Ridge Wind, LLC will assist the State and buyers to support their Climate Change and Clean Energy Goals. Ultimately, the proposed changes will utilize the latest technology to minimize impacts and improve grid reliability, while still providing critical wind and solar power to help achieve Oregon's renewable energy goals.

### **1.2 Background and Procedural History**

Summit Ridge Wind Farm (Facility) is a permitted wind-energy generation facility in Wasco County, Oregon, with an electrical capacity of up to 194.4 megawatts (MW). On August 19, 2011, the Oregon Energy Facility Siting Council (Council) issued a Site Certificate approving the Facility. The Facility, as originally permitted, would have consisted of up to 87 wind turbines with an output of up to 200.1 MW, as well as various related and supporting facilities, all located within permitted survey corridors of approximately 25,000 acres of privately owned, Exclusive Farm Use land located approximately 17 miles southeast of The Dalles and 8 miles east of Dufur, Oregon. LotusWorks-Summit Ridge I, LLC was the Certificate Holder at the time of the original certificate issuance. The section below summarizes the five amendments to the Site Certificate:

- The Council issued Amendment #1 to the Site Certificate on August 7, 2015, reducing the output of Summit Ridge to 194.4 MW and 72 turbines. Turbine sizing was expanded to include 91-meter hub heights and 122-meter rotor diameters. All turbines, as well as various related and supporting facilities, remained located within approximately 11,000 acres of permitted survey corridors located on approximately 25,000 acres of privately

owned, Exclusive Farm Use land. LotusWorks-Summit Ridge I, LLC was the Certificate Holder at the time of Amendment #1.

- The Council issued Amendment #2 to the Site Certificate on November 4, 2016. The amendment transferred ownership of the Site Certificate from LotusWorks-Summit Ridge I, LLC to Summit Ridge Wind Holdings, LLC as the new parent company, and Summit Ridge Wind, LLC as the transferee and new Site Certificate Holder. The amendment also extended the deadline to begin construction from August 19, 2016, to August 19, 2018, an additional 2 years, and extended the deadline to complete construction from August 19, 2019, to August 19, 2021, also an additional 2 years. No changes were made to either the number of turbines or the maximum output of the site. Turbine sizing was expanded to include rotor diameters of up to 132 meters. There was no change to the maximum tip height. Minimum ground clearance was reduced from 23 meters to 18 meters. All turbines, as well as various related and supporting facilities, remained located within approximately 11,000 acres of permitted survey corridors located on approximately 25,000 acres of privately owned, Exclusive Farm Use land.
- The Council issued Amendment #3 to the Site Certificate on January 8, 2018. The amendment transferred ownership of the Site Certificate Holder from Summit Ridge Wind Holdings, LLC, to Pattern Renewables 2 LP, a new company and subsidiary of Pattern Energy Group 2 LP, the sole limited partner of Pattern Renewables 2 LP. This amendment did not seek to change the Certificate Holder from Summit Ridge Wind, LLC.
- The Council issued Amendment #4 to the Site Certificate on September 18, 2019. The amendment extended the construction commencement and completion deadlines by 2 years, with conditions requiring construction to commence by August 19, 2020, and requiring construction to be completed by August 19, 2023. The August 19, 2020, deadline to begin construction, as defined by ORS 469.300(6), has been met.
- The Council issued Amendment #5 to the Site Certificate on December 18, 2020. The amendment approved the transfer of ownership of the Site Certificate Holder for Summit Ridge from Pattern Renewables 2 LP to Aypa Power LLC. The Certificate Holder did not change; Summit Ridge Wind, LLC remains the owner and operator of Summit Ridge.

## 2.0 Amendment Required under OAR 345-027-0350 and Review Process under OAR 345-027-0351

### *OAR 345-027-0350 – Changes Requiring an Amendment*

*Except for changes allowed under OAR 345-027-0353, an amendment to a site certificate is required to:*

- (1) Transfer ownership of the facility or the certificate holder as described in OAR 345-027-0400;*
- (2) Apply later-adopted law(s) as described in OAR 345-027-0390;*
- (3) Extend the construction beginning or completion deadline as described in OAR 345-027-0385;*
- (4) Design, construct or operate a facility in a manner different from the description in the site certificate, if the proposed change:*
  - (a) Could result in a significant adverse impact that the Council has not addressed in an earlier order and the impact affects a resource or interest protected by an applicable law or Council standard;*
  - (b) Could impair the certificate holder's ability to comply with a site certificate condition;*  
*or*
  - (c) Could require a new condition or a change to a condition in the site certificate.*

The changes the Certificate Holder proposes require an amendment under Oregon Administrative Rule (OAR) 345-027-0350 (3), (4)(a) and (c). The proposed changes in many instances will reduce impacts from the Facility. However, the proposed changes could result in other impacts that have not previously been reviewed, including limited adverse impacts that the Council has not addressed in an earlier order (e.g., modified footprint, addition of solar arrays, and taller turbine height), and that were not previously addressed by the Council for the Facility. Therefore, these changes require changes to the Facility description and new or modified conditions in the Site Certificate (see Attachment 1). Moreover, the Certificate Holder anticipates that the proposed changes may generate interest from reviewing agencies or from the public.

Based on the applicability of OAR 345-027-0350(3) and (4), the Certificate Holder anticipates the review process for RFA 6 to be Type A. Pursuant to OAR 345-027-0351(2), the Type A review process consists of the following OARs: OAR 345-027-0359, OAR 345-027-0360, OAR 345-027-0363, OAR 345-027-0365, OAR 345-027-0367, OAR 345-027-0371, and OAR 345-027-0375.

The requirements of OAR 345-027-0360 are addressed in the following sections and document attachments.

### **3.0 Certificate Holder Information – OAR 345-027-0360(1)(a)**

#### ***OAR 345-027-0360 Preliminary Request for Amendment***

*(1) To request an amendment to the site certificate required by OAR 345-027-0050(3) or (4), the certificate holder must submit a written preliminary request for amendment to the Department that includes the following:*

*(a) The name of the facility, the name and mailing address of the certificate holder, and the name, mailing address, email address and phone number of the individual responsible for submitting the request;*

#### **3.1 Name of the Facility**

The name of the Facility is Summit Ridge Wind Farm and the Certificate Holder is Summit Ridge Wind, LLC.

#### **3.2 Name and Mailing Address of the Certificate Holder**

Summit Ridge Wind, LLC

c/o Aypa Power LLC

Attn: Matt Hazard

11801 Domain Blvd., Suite 450

Austin, TX 78758

(208) 625-1126

Mhazard@aypa.com

#### **3.3 Current Parent Company of Certificate Holder**

Aypa Power LLC is the current parent company of Summit Ridge Wind, LLC.

#### **Contact Name, Mailing Address, Email Address, and Telephone Number:**

Aypa Power LLC

Attn: General Counsel

11801 Domain Blvd., Suite 450

Austin, TX 78758

(737) 295-0309

legal@aypa.com

### 3.4 Name and Mailing Address of the Individuals Responsible for Submitting the Request

Samuel Littlefield, Authorized Signatory

11801 Domain Blvd., Suite 450

Austin, TX 78758

503-277-9240

[slittlefield@aypa.com](mailto:slittlefield@aypa.com)

## 4.0 Detailed Description of the Proposed Change – OAR 345-027-0360(1)(b)

### *OAR 345-027-0360 Preliminary Request for Amendment*

*(1) To request an amendment to the site certificate required by OAR 345-027-0350(3) or (4), the certificate holder shall submit a written preliminary request for amendment to the Department that includes the following:*

\*\*\*

*(b) A detailed description of the proposed change, including:*

The Certificate Holder proposes the following changes to the approved Facility as part of RFA 6 (see Table 1); a summary of those changes is provided here, and a detailed project description is provided in Attachment 2, Exhibit B.

1. Reduce the total number of wind turbines from the currently authorized 72 to a new maximum of 32, and increase the maximum wind turbine dimensions as shown on Table 1, which would correspond to an approximate 36 percent reduction in total rotor-swept area and extend the minimum turbine distance from the Deschutes River.
2. Amend the description of the Facility to include up to 47 MW of photovoltaic (PV) solar energy generation equipment to leverage the complementary nature of wind and solar energy.
3. Amend the site boundary to provide for solar micrositing corridors<sup>1</sup> for the PV solar energy system and revise micrositing corridors for an updated wind turbine layout.
4. Add distributed energy storage as a related or supporting facility for solar energy generation, along with a solar switching station and new collector lines connecting the solar arrays to the main Facility substation.

---

<sup>1</sup> Per OAR 345-001-0010(32), “micrositing corridor” means a continuous area of land within which construction of facility components may occur, subject to Site Certificate Conditions.



5. Extend the deadline for completion of construction to 3 years from the deadlines in effect before the Council grants the amendment; or following a contested case proceeding conducted pursuant to OAR 345-027-0371, 2 years following approval of this amendment request.
6. Amend 36 existing Site Certificate Conditions as specified in the attached exhibits (Attachment 2) and proposed in redline on the Fifth Amended Site Certificate (Attachment 1).

#### **4.1 Effect of Proposed Changes on the Facility – OAR 345-027-0360(1)(b)(A)**

##### ***OAR 345-027-0360 Preliminary Request for Amendment***

*(1) To request an amendment to the site certificate required by OAR 345-027-0350(3) or (4), the certificate holder shall submit a written preliminary request for amendment to the Department that includes the following:*

*\*\*\**

*(b) A detailed description of the proposed change, including:*

*(A) A description of how the proposed change affects the facility;*

The Facility, as approved, is a wind energy generation facility. RFA 6 proposes changes to accommodate current wind turbine technology combined with solar photovoltaic energy production and battery energy storage.

As detailed in the following sections and in the attachments, the proposed changes will result in a reduction in impacts to certain resources that would have occurred with the approved facility, while impacts to other resources may be altered due to the proposed changes. The Certificate Holder can still comply with all Site Certificate Conditions previously adopted by the Council for the Facility with the changes proposed in Attachment 1. Ultimately, the proposed changes will maximize the latest technology to minimize impacts, while supporting renewable energy production in the region and helping the state meet its renewable energy goals.

A summary of proposed changes to the Facility is provided in Table 1, most significant of which are a reduction in acreage, number of turbines, total rotor swept area, miles of access roads, and miles of medium voltage electrical lines. Turbine height would increase, and a solar and battery storage component would be added, leading to increased temporary and permanent disturbance acreage from the project.

**Table 1. Approved and Proposed Facility Components<sup>1</sup>**

<b>Facility Component</b>	<b>Approved Facility</b>	<b>Proposed Modifications</b>
Site Boundary <sup>2</sup> / Micrositing Corridors	11,000 acres	Approximately 4,662 acres
Wind Turbines <sup>3</sup>	<ul style="list-style-type: none"> <li>• 72 turbines up to 91 meters (299 feet) at hub height</li> <li>• Maximum blade tip height of 152 meters (499 feet)</li> <li>• Maximum rotor diameter of 132 meters (433 feet)</li> <li>• Total rotor swept area of 1,046,060 square meters</li> </ul>	<ul style="list-style-type: none"> <li>• 32 turbines up to 116 meters (380.6 feet) at hub height</li> <li>• Maximum blade tip height of 197.5 meters (648 feet)</li> <li>• Maximum rotor diameter of 163 meters (541.3 feet)</li> <li>• Total rotor swept area of 667,838 square meters, a reduction of approximately 36%.</li> <li>• Amended locations (Exhibit C, Figure C-4)</li> </ul>
Electrical Collection System	Up to 45 miles of 34.5-kilovolt (kV) medium voltage lines	Up to 28 miles of 34.5-kV medium voltage lines, a reduction of 38%
Solar Photovoltaic Panels	N/A	178,507 modules occupying up to 274 acres
Battery energy storage system (BESS)	N/A	47 MW
Transmission Lines	Up to 8 miles	No change
Access Roads	19 miles	10.2 miles, a reduction of 46%
Substation	One step-up substation on 3.6 acres	No change; amended location
Operations and Maintenance Building	One building; 10,000 square foot enclosed space on 3.6 acres	No change
Temporary Construction Yards	One yard up to 8.3 acres	No change
Meteorological Towers	Up to 3, maximum height 91 meters (299 ft)	Up to 3, maximum height 116 meters (380.6 feet)
Temporary and Permanent Impacts for the Facility	Temporary: 35.5 acres; Permanent: 26.2 acres	Temporary: 339 acres; Permanent: 300 acres <sup>4</sup>
<p>1. The ultimate number of wind turbines, and the specific model and manufacturer used, will be determined near the time of turbine erection. Final turbines will cause no greater impact than allowed for in the Site Certificate and satisfy all the conditions of the Site Certificate.</p> <p>2. See Attachment 2, Exhibit C - Figure C-2</p> <p>3. See Attachment 2, Exhibit B - Table B-1</p> <p>4. See Attachment 2, Exhibit C - Attachment C-1</p>		

## **4.2 Applicable Laws and Council Rules – OAR 345-027-0360(1)(b)(B)**

### ***OAR 345-027-0360 Preliminary Request for Amendment***

*(1) To request an amendment to the site certificate required by OAR 345-027-0350(3) or (4), the certificate holder shall submit a written preliminary request for amendment to the Department that includes the following:*

*\*\*\**

*(b) A detailed description of the proposed change, including:*

*(B) A description of how the proposed change affects those resources or interests protected by applicable laws and Council standards, and*

Impacts to resources or interests protected by applicable laws and Council standards from the proposed changes for RFA 6 are described in the exhibits provided in Attachment 2. The Certificate Holder has reviewed and considered current local, state, and federal law as referenced throughout the exhibits in Attachment 2. No laws were identified that would prohibit the proposed changes requested in RFA 6. Compliance with applicable laws is integrated into the existing and proposed modified Site Certificate Conditions, including conditions related to pre-construction habitat surveys, noise analysis, setback verification, the National Pollutant Discharge Elimination System (NPDES) 1200-C permit, consultation with the Oregon Department of Fish and Wildlife, the Department of Geology and Mineral Industries, and the Federal Aviation Administration 7460-1 filings, among others. The proposed changes do not alter the Certificate Holder's ability to comply with the Site Certificate Conditions for the Facility except as noted in the exhibits and the proposed condition modifications (Attachment 1). Ultimately, although the Facility may be operated in a different manner than previously approved by the Council as a result of RFA 6, substantial changes to the Site Certificate are not necessary to incorporate and meet Council standards and other applicable laws. Sections 4 and 5, and the exhibits provided in Attachment 2, further demonstrate how the proposed changes would continue to comply with Council standards and are consistent with the Council's previous findings for the Facility.

#### **4.3 Location of the Proposed Change – OAR 345-027-0360(1)(b)(C)**

##### ***OAR 345-027-0360 Preliminary Request for Amendment***

*(1) To request an amendment to the site certificate required by OAR 345-027-0350(3) or (4), the certificate holder shall submit a written preliminary request for amendment to the Department that includes the following:*

*\*\*\**

*(b) A detailed description of the proposed change, including:*

*(C) The specific location of the proposed change, and any updated maps and/or geospatial data layers relevant to the proposed change;*

### **4.3.1 Facility Location**

Attachment 2, Exhibit C describes the Certificate Holder's plans for the amended location of the Facility.

The Facility continues to be located entirely in rural Wasco County, 17 miles southeast of The Dalles and 8 miles east of Dufur, Oregon, as shown on Figures C-1 through C-5 of Exhibit C (Attachment 2, Exhibit C). Figures C-4 and C-5 show locations of amended Facility components as used to assess impacts to the various resources described in this RFA. However, the Certificate Holder seeks to retain flexibility in siting components during final design within the micro-siting corridors and solar siting area. Turbine locations, solar array, battery storage, and all related or supporting facilities should be considered preliminary and subject to change during final design, provided that final impacts to identified resources will be less than or equal to impacts depicted in this RFA.

Updated geospatial data layers used to create the maps in Attachment 2, Exhibit C will be provided to the Oregon Department of Energy (ODOE) on request.

## **5.0 Division 21 Requirements – OAR 345-027-0360(1)(c)**

### ***OAR 345-027-0360 Preliminary Request for Amendment***

*(1) To request an amendment to the site certificate required by OAR 345-027-0350(3) or (4), the certificate holder shall submit a written preliminary request for amendment to the Department that includes the following:*

*\*\*\**

*(c) References to any specific Division 21 information that may be required for the Department to make its findings;*

The Certificate Holder has addressed applicable specific Division 21 information in exhibits included in Attachment 2. Exhibit labeling reflects the requirements of OAR 345-021-0010.<sup>2</sup> Three attachments to Exhibit P (Attachment P-2, the Draft Habitat Mitigation Plan; Attachment P-3, the Draft Revegetation and Weed Control Plan; and Attachment P-4, the Draft Wildlife Monitoring and Mitigation Plan) will be provided as a supplemental submittal within approximately 4 weeks of this transmittal.

Together, this document and the exhibits provide the necessary information for the Council to find that the Facility, as proposed, continues to comply with the requirements of the Oregon Energy Facility Site Statutes, ORS 469.300 to 469.520.

---

<sup>2</sup> Exhibits not applicable to RFA 6 are Exhibit N – Non-generating Facility Information, Exhibit Z – Cooling Towers, and Exhibit BB – Other Information.

## 6.0 Site Certificate Revisions – OAR 345-027-0360(1)(d)

### *OAR 345-027-0360 Preliminary Request for Amendment*

*(1) To request an amendment to the site certificate required by OAR 345-027-0350(3) or (4), the certificate holder shall submit a written preliminary request for amendment to the Department that includes the following:*

*\*\*\**

*(d) The specific language of the site certificate, including conditions, that the certificate holder proposes to change, add or delete through the amendment;*

A redlined Site Certificate is included as Attachment 1. Generally, the proposed changes to language in the Site Certificate include amending the Facility description to describe the amended site boundary, decreasing the maximum number of turbines and increasing their associated dimensions, adding solar photovoltaic energy generation and battery energy storage, extending the construction completion deadline, and making minor edits to conditions for consistency with current Wasco County code and more recent site certificates. Condition edits include the following:

- Include the word “solar” or “utility-scale energy facility” in descriptions of the Facility, including in Condition 2.1, 6.1, and others.
- Extend the deadline for completion of Facility construction in Condition 4.2 to allow for compliance with applicable existing and revised conditions following approval of this amendment request, including the requirement in Condition 10.12 for avoidance of construction during the period between December 1 and April 15 each year.
- Update language in Conditions 5.1, 5.3, 5.4, 5.6, and others, to be consistent with recent site certificates, including the ability to comply with certain pre-construction conditions in a phased manner consistent with the construction phasing schedule. For example, if the wind turbines and related or supporting facilities were to be constructed prior to completion of the detailed design for the solar array, pre-construction submittals could be submitted for the wind turbines initially, followed submittals for the solar components when that information is available (but prior to starting construction of those elements).
- Update turbine dimensions in Condition 5.5 to reflect the dimensions of turbines proposed in RFA 6.
- Update turbine tower numbers in Condition 6.28 to reflect the modified layout and new turbine numbering.
- Update Conditions 5.3, 5.6, 5.11, 5.13, 6.12, 6.21, 6.22, 6.23, 6.24, and 6.33 for consistency with current Wasco County code.
- Remove language in Condition 5.14 requiring separate demonstration of wind turbine noise levels for turbines located within 1.0 mile of the Deschutes Wild and Scenic River and State

Scenic Waterway, and replace with a requirement to site all turbines at least 1.0 miles from these features.

- Add updated language for certain conditions to be consistent with current Council practice, for example in Condition 7.5.
- Update certain site conditions to reflect existing conditions, including regulatory or service provider changes, for example in Conditions 8.4 and 8.5.
- Update certain conditions to refer to updated draft plans for approved methods, for example in Conditions 9.6., 10.4, 10.5, and 11.1.
- Remove the requirement in Condition 9.4 not to store diesel fuel or gasoline on the facility site. For efficiency and reduced truck trips during construction, fuels will need to be stored onsite. This requirement has not been included in other recent site certificates and does not appear to be warranted at this location.
- Update the amount of the initial bond or letter of credit described in Condition 14.1 to reflect the updated retirement cost estimate provided in Exhibit X of RFA 6 (Attachment 2).

## 7.0 Other Standards and Permits – OAR 345-027-0360(1)(e)

### ***OAR 345-027-0360 Preliminary Request for Amendment***

*(1) To request an amendment to the site certificate required by OAR 345-027-0350(3) or (4), the certificate holder shall submit a written preliminary request for amendment to the Department that includes the following:*

*\*\*\**

*(e) A list of all Council standards and other laws, including statutes, rules and ordinances, applicable to the proposed change, and an analysis of whether the facility, with the proposed change, would comply with those applicable laws and Council standards. For the purpose of this rule, a law or Council standard is “applicable” if the Council would apply or consider the law or Council standard under OAR 345-027-0375(2); and*

A list of statutes, administrative rules, and local government ordinances relevant to Site Certificate issuance for the Facility is provided in Attachment 2, Exhibit CC. No additional statutes, rules, or ordinances need to be added based on the proposed change.

Council standards relevant to RFA 6 include Division 22 (General Standards for Siting Facilities) and Division 24 (Specific Standards for Siting Facilities). Division 23, which applies to non-generating facilities, does not apply to wind or solar power generating facilities. Similarly, inapplicable provisions of Division 24 (e.g., standards applicable to gas plants, gas storage, non-generating facilities) are not discussed.

The Facility as amended by RFA 6 would comply with applicable laws and Council standards as described in Table 2 and the exhibits provided in Attachment 2. The primary purpose of RFA 6 is to

respond to market demand and implement technological advances. The proposed changes, in particular the reduction in number of turbines and increased setback from the Deschutes River, would generally reduce resource impacts including visual impacts to sensitive receptors (see Attachment 2, Exhibits L and R). Table 2 identifies Council standards and other laws reviewed as part of RFA 6 and their applicability to RFA 6. The Facility will comply with all existing applicable Site Certificate Conditions, with proposed modifications as identified in Attachment 1. The appended exhibits (see Attachment 2) contain the information necessary for the Council to find that the Facility, with the proposed changes, continues to meet the standards of the relevant laws.

**Table 2. Standards and Laws Relevant to Proposed Amendment**

<b>Standard</b>	<b>Applicability &amp; Compliance</b>
OAR 345-022-0000 General Standard of Review	Applicable and complies. The Council previously found that the Facility complies with the General Standard of Review. The Facility continues to comply with the requirements of the Oregon Energy Facility Siting statutes and standards adopted by the Council. RFA 6 reduces adverse impacts from the previously approved facility for most resources and does not alter the Certificate Holder's ability to comply with the Site Certificate Conditions.
OAR 345-022-0010 Organizational Expertise	Applicable and complies. The Council has previously found that the Certificate Holder has the ability to construct, operate, and retire the Facility (Final Order on Amendment 5). RFA 6 does not alter the basis for the Council's prior findings regarding organizational expertise and does not alter the Certificate Holder's ability to comply with the Site Certificate Conditions. See Exhibit D for accompanying analysis.
OAR 345-022-0020 Structural Standard	Applicable and complies. RFA 6 does not alter the basis for the Council's prior findings regarding the structural standard and does not alter the Certificate Holder's ability to comply with the Site Certificate Conditions. See Exhibit H for accompanying analysis.
OAR 345-022-0022 Soil Protection	Applicable and complies. Permanent and temporary disturbance resulting from wind turbine construction will be reduced because of the reduction in number of turbines. However, additional permanent and temporary disturbance will occur as a result of the solar facility. RFA 6 does not alter the basis for the Council's prior findings regarding soil protection and does not alter the Certificate Holder's ability to comply with the Site Certificate Conditions. See Exhibit I for accompanying analysis.
OAR 345-022-0030 Land Use	Applicable and complies with updated Wasco County zoning code, except as noted and generally previously approved for turbine setbacks from county roads. The Facility, as proposed, will not force a significant change in accepted farm practices, nor will it significantly increase the cost of farm practices. RFA 6 includes a request for a Goal 3 exception to allow inclusion of the solar array on agricultural land, but does not otherwise alter the Certificate Holder's ability to comply with the Site Certificate Conditions. See Exhibit K for accompanying analysis.
OAR 345-022-0040 Protected Areas	Applicable and complies. Visual, noise and traffic impacts were reviewed for the proposed changes. RFA 6 does not alter the basis for the Council's prior findings regarding protected areas and does not alter the Certificate Holder's ability to comply with the Site Certificate Conditions. See Exhibit L for accompanying analysis.
OAR 345-022-0050 Retirement and Financial Assurance	Applicable and complies. With the proposed changes, the Certificate Holder is still able to restore the site to a useful, nonhazardous condition following permanent cessation of construction or operation of the Facility. RFA 6 does not alter the basis for the Council's prior findings regarding retirement and financial assurance and does not alter the Certificate Holder's ability to comply with the Site Certificate Conditions. See Exhibits M and X for accompanying analyses.
OAR 345-022-0060 Fish and Wildlife Habitat	Applicable and complies. The amended site boundary is in areas surveyed for fish and wildlife habitat as documented in Exhibit P. The Draft Habitat Mitigation Plan has been updated to address the amended layout (to be provided under separate cover) and will be finalized after final design to account for Facility impacts per Condition 10.4. RFA 6 does not alter the basis for the Council's prior findings regarding fish and wildlife habitat and does not alter the Certificate Holder's ability to comply with the Site Certificate Conditions. See Exhibit P for accompanying analysis.



<b>Standard</b>	<b>Applicability &amp; Compliance</b>
OAR 345-022-0070 Threatened and Endangered Species	Applicable and complies. The Facility will be constructed within the amended site boundary where impacts to threatened and endangered species have been reviewed. RFA 6 does not alter the basis for the Council's prior findings regarding threatened and endangered species and does not alter the Certificate Holder's ability to comply with the Site Certificate Conditions. See Exhibit Q for accompanying analysis.
OAR 345-022-0080 Scenic Resources	Applicable and complies. The ASC reviewed visual impacts for the Facility on Scenic Resources. RFA 6 reduces visual impacts on the Deschutes River and does not otherwise alter the basis for the Council's prior findings regarding scenic resources and does not alter the Certificate Holder's ability to comply with the Site Certificate Conditions. See Exhibit R for accompanying analysis.
OAR 345-022-0090 Historic, Cultural and Archaeological Resources	Applicable and complies. Surveys were conducted for the amended site boundary and identified resources will be protected per Site Certificate Conditions and an Archaeological Monitoring Plan. RFA 6 does not alter the basis for the Council's prior findings regarding historical, cultural, or archeological resources and does not alter the Certificate Holder's ability to comply with the Site Certificate Conditions. See Exhibit S for accompanying analysis.
OAR 345-022-0100 Recreation	Applicable and complies. RFA 6 does not alter the basis for the Council's prior findings regarding recreation areas and does not alter the Certificate Holder's ability to comply with the Site Certificate Conditions. See Exhibit T for accompanying analysis.
OAR 345-022-0110 Public Services	Applicable and complies. The proposed changes are not anticipated to substantially increase the demand of public services generated by the Facility. RFA 6 does not alter the basis for the Council's prior findings regarding public services and does not alter the Certificate Holder's ability to comply with the Site Certificate Conditions. See Exhibit U for accompanying analysis.
OAR 345-022-0115 Wildfire Prevention and Risk Mitigation	OAR 345-022-0115 is a new standard introduced in 2022 and therefore was not previously addressed in the original Application for Site Certificate or subsequent amendments for the approved Facility. The design, construction, and operation of the Facility, taking into account mitigation, is not likely to result in significant adverse impacts to areas subject to a heightened risk of wildfire or high-fire consequence areas addressed under OAR 345-022-0115. See Exhibit V for accompanying analysis.
OAR 345-022-0120 Waste Minimization	Applicable and complies. The proposed changes are not anticipated to substantially alter the amount of solid waste and wastewater generated by the Facility. RFA 6 does not alter the basis for the Council's prior findings regarding waste minimization and does not alter the Certificate Holder's ability to comply with the Site Certificate Conditions. See Exhibit W for accompanying analysis.
OAR 345-024-0010 Public Health and Safety Standards for Wind Energy Facilities	Applicable and complies. RFA 6 does not alter the basis for the Council's prior findings regarding public safety and does not alter the Certificate Holder's ability to comply with the Site Certificate Conditions. See Exhibit H for structural information and Exhibit DD for accompanying analysis.
OAR 345-024-0015 Siting Standards for Wind Energy Facilities	Applicable and complies. The proposed changes are being designed in consideration of cumulative adverse environmental effects. RFA 6 does not alter the basis for the Council's prior findings regarding siting standards for wind energy facilities and does not alter the Certificate Holder's ability to comply with the Site Certificate Conditions. See Exhibit DD for accompanying analysis.

Standard	Applicability & Compliance
OAR 345-024-0090 Transmission Lines	Applicable and complies. RFA 6 does not alter the basis for the Council's prior findings regarding transmission line standards and does not alter the Certificate Holder's ability to comply with the Site Certificate Conditions. See Exhibit DD for accompanying analysis.
OAR 340-035-0035 Noise	Applicable and complies. A baseline ambient noise study was completed to support modeling of noise generated components associated with the solar array along with updated wind turbine models and locations. RFA 6 does not alter the basis for the Council's prior findings regarding noise and does not alter the Certificate Holder's ability to comply with the Site Certificate Conditions. See Exhibit Y for accompanying analysis.
Removal-Fill Law	Applicable and complies. A removal-fill permit is not needed for the Facility because the Facility will not temporarily or permanently impact waters of the state. RFA 6 does not alter the basis for the Council's prior findings regarding the removal-fill law and does not alter the Certificate Holder's ability to comply with the Site Certificate Conditions. See Exhibit J for accompanying analysis.
Water Rights	Applicable and complies. The anticipated construction water demand from the amended facility will be less than the amount previously anticipated for the Facility as currently approved, and the water sources remain the same as for the approved Facility. RFA 6 does not alter the basis for the Council's prior findings regarding water rights and does not alter the Certificate Holder's ability to comply with the Site Certificate Conditions. See Exhibit O for accompanying analysis.

## 8.0 Property Owners of Record – OAR 345-027-0360(1)(f))

### *OAR 345-027-0360 Preliminary Request for Amendment*

*(1) To request an amendment to the site certificate required by OAR 345-027-0350(3) or (4), the certificate holder shall submit a written preliminary request for amendment to the Department that includes the following:*

*\*\*\**

*(f) A list of the names and mailing addresses of property owners, as described in this rule:*

*(A) The list must include all owners of record, as shown on the most recent property tax assessment roll, of property located:*

*(i) Within 100 feet of property which the subject of the request for amendment, where the subject property is wholly or in part within an urban growth boundary;*

*(ii) Within 250 feet of property which is the subject of the request for amendment, where the subject property is outside an urban growth boundary and not within a farm or forest zone;  
or*

*(iii) Within 500 feet of property which is the subject of the request for amendment, where the subject property is within a farm or forest zone; and*

*(B) In addition to incorporating the list in the request for amendment, the applicant must submit the list to the Department in an electronic format acceptable to the Department.*

A revised property owner list and accompanying map is provided in Attachment 3.

## 9.0 Conclusion

As detailed above, the proposed changes to the Facility will utilize the latest technology to minimize impacts and improve grid reliability, while continuing to provide critical renewable energy for the state. Based on this submittal and attached exhibits (see Attachment 2), the Facility, as modified by RFA 6, continues to comply with the requirements of the Oregon Energy Facility Site Statutes, ORS 469.300 to 469.520, and all other applicable Oregon statutes and administrative rules within the Council's jurisdiction. Moreover, the existing and amended Site Certificate Conditions ensure that the Facility will continue to comply with the applicable laws, standards, and rules. For these reasons, the Certificate Holder respectfully requests approval of RFA 6.

## **Attachment 1. Redlined Site Certificate**

**~~FIFTH~~SIXTH AMENDED SITE CERTIFICATE**

**FOR THE**

**SUMMIT RIDGE WIND FARM**

Issued ~~December 2020~~ Month YEAR

by

OREGON ENERGY FACILITY SITING COUNCIL  
550 Capitol Street NE  
Salem, OR 97301-2567

*PHONE: 503-378-4040*

*FAX: 503-373-7806*

**ISSUANCE DATES**

Site Certificate	August 19, 2011
First Amended Site Certificate	August 7, 2015
Second Amended Site Certificate	November 4, 2016
Third Amended Site Certificate	January 8, 2018
Fourth Amended Site Certificate	August 23, 2019
Fifth Amended Site Certificate	December 18, 2020
<del>Sixth Amended Site Certificate</del>	<del>DATE</del>

# SUMMIT RIDGE WIND FARM SITE CERTIFICATE

## TABLE OF CONTENTS

	Page
1.0. INTRODUCTION -----	1
2.0. SITE CERTIFICATION -----	2
3.0 DESCRIPTION OF FACILITY -----	5
LOCATION AND SITE BOUNDARY -----	5
THE ENERGY FACILITY -----	5
POWER COLLECTION SYSTEM -----	6
COLLECTOR SUBSTATION -----	6
230 KV TRANSMISSION LINE -----	7
SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA) SYSTEM -----	7
OPERATIONS AND MAINTENANCE (O&M) FACILITY -----	7
METEOROLOGICAL TOWERS -----	7
ACCESS ROADS -----	7
TEMPORARY ROADWAY MODIFICATIONS -----	8
ADDITIONAL CONSTRUCTION AREAS -----	8
4.0. GENERAL ADMINISTRATIVE CONDITIONS -----	9
5.0. PRE-CONSTRUCTION REQUIREMENTS -----	10
6.0. DESIGN, CONSTRUCTION, AND OPERATIONS -----	13
7.0. PUBLIC HEALTH AND SAFETY -----	20
8.0. ON-SITE SAFETY AND SECURITY -----	24
9.0. PROTECTION OF SOIL -----	26
10.0. PROTECTION OF NATURAL RESOURCES -----	28
11.0. PROTECTION OF HISTORIC, CULTURAL AND ARCHAEOLOGICAL RESOURCES -----	34
12.0. NOISE CONTROL AND NOISE COMPLAINT RESPONSE -----	36
13.0. MONITORING AND REPORTING REQUIREMENTS - GENERAL -----	38
14.0. RETIREMENT AND FINANCIAL ASSURANCE -----	40
15.0. SUCCESSORS AND ASSIGNS -----	43
16.0. SEVERABILITY AND CONSTRUCTION -----	43
17.0. GOVERNING LAW AND FORUM -----	43
18.0. EXECUTION -----	43

## Acronyms and Abbreviations

Council	Oregon Energy Facility Siting Council
Department	Oregon Department of Energy
DOGAMI	Oregon Department of Geology and Mineral Industries
DPO	Draft Proposed Order
ESCP	Erosion and Sediment Control Plan
FAA	Federal Aviation Administration
NPDES	National Pollutant Discharge Elimination System
O&M	Operations and Maintenance
OAR	Oregon Administrative Rule
ODFW	Oregon Department of Fish and Wildlife
ORS	Oregon Revised Statute
WCLUDO	Wasco County Land Use and Development Ordinance

## 1.0. INTRODUCTION

The Oregon Energy Facility Siting Council (Council) issues this site certificate for the Summit Ridge Wind Farm (Summit Ridge or the facility) in the manner authorized under Oregon Revised Statute (ORS) Chapter 469. This site certificate is a binding agreement between the State of Oregon (State), acting through the Council, and Summit Ridge Wind, LLC (certificate holder), which is a wholly owned subsidiary of Aypa Power LLC (Aypa or owner), a subsidiary of Blackstone Energy Partners. The Council issues this site certificate authorizing the certificate holder to construct, operate, and retire the facility in Wasco County, subject to the conditions set forth herein.

The findings of fact, reasoning, and conclusions of law underlying the terms and conditions of this site certificate are set forth in the Council's *Final Order in the Matter of the Application for a Site Certificate for the Summit Ridge Wind Farm* (Final Order on ASC) issued on August 19, 2011, the Council's *Amended Final Order in the Matter of the Request for Amendment #1* (Amended Final Order on Amendment 1) issued on August 7, 2015, the Council's *Final Order on the Request for Contested Case, Amendment #2 and Request for Transfer of the Site Certificate* (Final Order on Amendment 2) issued on November 4, 2016, the Council's *Final Order on Request for Transfer* (Final Order on Amendment 3) issued on December 15, 2017, the Council's *Final Order on Request for Amendment 4* (Final Order on Amendment 4), the Council's *Final Order on Request for Amendment 5* (Final Order on Amendment 5) issued on December 18, 2020, and the Council's *Final Order on Request for Amendment 6* (Final Order on Amendment 6) issued on DATE and incorporated herein by this reference. In interpreting this site certificate, any ambiguity will be clarified by reference to and the record of the proceedings that led to the following, in order of priority: (1) this Amended Site Certificate, (2) Final Order on Amendment 6; (23) Final Order on Amendment 5; (34) Final Order on Amendment 4; (45) Final Order on Amendment 3, (56) the Final Order on Amendment 2, (67) the Amended Final Order on Amendment 1, and (78) the Final Order on ASC.

This amended site certificate does not address, and is not binding with respect to, matters that were not addressed in the Council's Final Order on ASC, Amended Final Order on Amendment 1, Final Order on Amendment 2, Final Order on Amendment 3, Final Order on Amendment 4, and Final Order on Amendment 5, and Final Order on Amendment 6. Such matters include, but are not limited to: building code compliance; wage; hour; and other labor regulations; local government fees and charges; other design or operational issues that do not relate to siting the facility [ORS 469.401(4)]; and permits issued under statutes and rules for which the decision on compliance has been delegated by the federal government to a state agency other than the Council. ORS 469.503(3).

The obligation of the certificate holder to report information to the Oregon Department of Energy (Department) or the Council under the conditions listed in this amended site certificate is subject to the provisions of ORS 192.502 *et seq.* and ORS 469.560. To the extent permitted by law, the Department and the Council will not publicly disclose information that may be exempt from public disclosure if the certificate holder has clearly labeled such information and stated the basis for the exemption at the time of submitting the information to the Department or the Council. If the Council or the Department receives a request for the disclosure of the information, the



Council or the Department, as appropriate, will make a reasonable attempt to notify the certificate holder and will refer the matter to the Attorney General for a determination of whether the exemption is applicable, pursuant to ORS 192.450.

The Council recognizes that many specific tasks related to the design, construction, operation and retirement of the facility will be undertaken by the certificate holder's agents or contractors. Nevertheless, the certificate holder is responsible for ensuring compliance with all provisions of the site certificate.

The definitions in ORS 469.300 and OAR 345-001-0010 apply to terms used in this site certificate, except where otherwise stated, or where the context clearly indicates otherwise.

## 2.0. SITE CERTIFICATION

2.1. To the extent authorized by state law and subject to the conditions set forth herein, the State authorizes the certificate holder to construct, operate, and retire a wind **and solar** energy facility, together with certain related or supporting facilities, at the site in Wasco County, Oregon, as described in Section 3.0 of this site certificate.

[ORS 469.401(1); **AMD6**]

2.2. This site certificate is effective until 1) it is terminated under OAR 345-027-0110 or the rules in effect on the date that termination is sought; or 2) until the site certificate is revoked under ORS 469.440 and OAR 345-029-0100 or the statutes and rules in effect on the date that revocation is ordered.

[ORS 469.401(1)]

2.3. Both the State and the certificate holder shall abide by local ordinances, state law, and the rules of the Council in effect on the date this site certificate is executed. ORS 469.401(2). In addition, upon a clear showing of a significant threat to public health, safety, or the environment that requires application of later-adopted laws or rules, the Council may require compliance with such later-adopted laws or rules.

[ORS 469.401(2)]

2.4. For a permit, license, or other approval addressed in and governed by this site certificate, the certificate holder shall comply with applicable state and federal laws adopted in the future to the extent that such compliance is required under the respective state agency statutes and rules.

[ORS 469.401(2)]

2.5. Subject to the conditions herein, this site certificate binds the State and all counties, cities, and political subdivisions in Oregon as to the approval of the site and the construction, operation, and retirement of the facility as to matters that are addressed in and governed by this site certificate.

[ORS 469.401(3)]

- 1  
2  
3  
4 2.6. Each affected state agency, county, city, and political subdivision in Oregon with  
5 authority to issue a permit, license, or other approval addressed in or governed by this  
6 site certificate shall, upon submission of the proper application and payment of the  
7 proper fees, but without hearings or other proceedings, issue such permit, license, or  
8 other approval subject only to conditions set forth in this site certificate.  
9 [ORS 469.401(3)]  
10  
11 2.7. After issuance of this site certificate, each state agency or local government agency that  
12 issues a permit, license, or other approval for the facility shall continue to exercise  
13 enforcement authority over such permit, license, or other approval.  
14 [ORS 469.401(3)]  
15  
16 2.8. After issuance of this site certificate, the Council shall have continuing authority over  
17 the site and may inspect, or direct the Oregon Department of Energy (Department) to  
18 inspect, or request another state agency or local government to inspect, the site at any  
19 time in order to ensure that the facility is being operated consistently with the terms and  
20 conditions of this site certificate.  
21 [ORS 469.430]  
22  
23 2.9. [DELETED] [Final Order III.D.7; AMD2; AMD4] [Mandatory Condition OAR 345-  
24 025-0006 (3)]  
25  
26 2.10. Before any transfer of ownership of the facility or ownership of the site certificate  
27 holder, the certificate holder shall inform the Department of the proposed new owners.  
28 The requirements of OAR 345-027-0400 apply to any transfer of ownership that  
29 requires a transfer of the site certificate.  
30 [Final Order IV.B.2.8; AMD5] [Mandatory Condition OAR 345-025-0006 (15)]  
31  
32 2.11. Any matter of non-compliance under the site certificate shall be the responsibility of the  
33 certificate holder. Any notice of violation issued under the site certificate shall be issued  
34 to the certificate holder. Any civil penalties assessed under the site certificate shall be  
35 levied on the certificate holder.  
36 [Final Order IV.B.2.5]  
37  
38 2.12. Within 72 hours after discovery of conditions or circumstances that may violate the  
39 terms or conditions of the site certificate, the certificate holder shall report the  
40 conditions or circumstances to the Department.  
41 [Final Order IV.B.2.7]  
42  
43 2.13. The Council shall not change the conditions of this site certificate except as provided  
44 for in OAR Chapter 345, Division 27.  
45 [Final Order VII.1] [Mandatory Condition OAR 345-025-0006 (1)]  
46

1  
2  
3  
4  
5  
6  
7  
8

2.14. Following the completion of surveys required by this site certificate, the Department will present the results of those surveys and required consultations at the next regularly scheduled Council meeting.  
[Added at the August 7, 2015 Energy Facility Siting Council Meeting]

### 3.0 DESCRIPTION OF FACILITY

#### LOCATION AND SITE BOUNDARY

Summit Ridge is located in Wasco County, Oregon approximately 17 miles southeast of The Dalles, and eight miles east of Dufur, Oregon.

As defined by OAR 345-001-0010, the “site boundary” is the perimeter of the site of the energy facility, its related or supporting facilities, all temporary laydown and staging areas and all corridors and micrositing corridors. The facility site boundary encompasses approximately ~~11,000~~4,662 acres on private land subject to long-term wind and solar energy leases with the landowners.

As defined in OAR 345-001-0010, a “micrositing corridor” means a continuous area of land within which construction of facility components may occur, subject to site certificate conditions.<sup>1</sup> Micrositing corridors are intended to allow some flexibility in specific component locations and design in response to site-specific conditions and engineering requirements to be determined prior to construction. The approved micrositing corridor includes approximately 1,300-foot around locations of temporary and permanent disturbance. In order to utilize the approved micrositing corridor, the certificate holder is obligated to satisfy pre-construction survey requirements imposed in the site certificate (Conditions 10.7, 11.3).

The certificate holder requested flexibility to locate components of the energy facility and its related and supporting facilities within a micrositing corridor (see Figure 1, *Micrositing Corridors*, of this amended site certificate) to allow adjustment of the specific location of components, while establishing outer boundaries of potential construction for purposes of evaluating potential impacts. The site boundary contains two separate micrositing corridors: one for wind facility components and one for solar facility components.

Micrositing corridors for wind turbines are a minimum of approximately 900 feet in width around turbines, and wider in some locations. The site boundary width around site access roads and electrical collection lines (collector lines) is narrower, between 300 feet and 900 feet in width. The micrositing corridor is wider for the area surrounding the substations, meteorological towers (met towers), the operation and maintenance (O&M) buildings, and construction yards.

The solar micrositing area consists of approximately 474 acres within which up to 274 acres would be used to site solar facility components. Solar facility components include private access roads, service roads, a 34.5-kV collection system, gates, and perimeter security fence.

#### THE ENERGY FACILITY

The facility is approved to consist of up to ~~72~~32 wind turbine generators, and up to approximately 274 acres of solar photovoltaic panels.

Turbines will be mounted on tubular steel towers no greater than ~~94~~116 meters (~~299~~380.6 feet)

---

<sup>1</sup> OAR 345-001-0010(32)

1 tall at the turbine hub, with a maximum blade tip height no greater than ~~152~~197.5 meters (~~499~~  
2 648 feet) and a minimum blade tip clearance of no less than 18 meters (59 feet) above the ground.  
3 Turbines include a nacelle that houses the generator and gearbox, and supports the rotor and  
4 blades at the hub. A gravel turbine pad area would surround the base of each concrete turbine  
5 foundation. A step-up transformer increases the output voltage of each wind turbine generator to  
6 the voltage of the power collection system. The step-up transformer will be installed on its own  
7 concrete pad at the base of each wind turbine tower, or located in the nacelle, depending on the  
8 final turbine model selected.

9  
10 Proposed solar arrays would include modules placed on racks supported by posts, extending  
11 approximately 18 feet in height when tilted, and related electrical equipment. The proposed  
12 facility would include approximately 178,507 modules, 3,026 single-axis tracker or fixed-tilt  
13 racks, and 23,313 posts.

14  
15 Summit Ridge includes the following related or supporting facilities described below and in  
16 greater detail in the *Final Order on ASC*, ~~and the Final Order on Amendment 3~~, and *Final Order*  
17 *on Amendment 6*:

- 18
- 19 ● Power collection system
- 20 ● Collector substation
- 21 ● 230-kV transmission line
- 22 ● Supervisory Control and Data Acquisition (SCADA) System
- 23 ● Operations and maintenance (O&M) facility
- 24 ● Meteorological (met) towers
- 25 ● Access roads
- 26 ● Temporary roadway modifications
- 27 ● Additional temporary construction areas (including laydown areas, crane paths, and a
- 28 concrete batch plant)
- 29 ● Chain-link or mesh perimeter fencing for solar arrays
- 30 ● Inverters and transformers associated with solar energy generation
- 31 ● Solar collector lines and solar switchyard
- 32 ● Battery Energy Storage System
- 33

## 34 POWER COLLECTION SYSTEM

35  
36 Power from each turbine will be transmitted via the approximately ~~49~~28-mile collection line  
37 system to the collector substation. The new 34.5-kV collection lines will be constructed  
38 underground to the extent possible, although up to 10% of the collector lines may be placed  
39 aboveground due to site-specific geotechnical or environmental considerations. Aboveground  
40 segments would be supported by H-frame wood poles or steel monopoles up to approximately ~~55~~  
41 100 feet in height.

## 42 COLLECTOR SUBSTATION

43  
44  
45 The 34.5 kV collector line system will link each turbine to the facility collector substation, which  
46 will step up the power from 34.5 kV to 230 kV. The centrally-located collector substation will

occupy approximately ~~five~~3.6 acres, surrounded by a graveled, fenced area.

## **230 KV TRANSMISSION LINE**

A new overhead 230 kV transmission feeder line approximately eight miles in length connects the facility's collector substation to the regional grid at a substation operated by the Bonneville Power Administration (BPA). The 230 kV transmission line runs northwest from the collector substation for approximately two miles, then almost due west for another six miles to the BPA substation, connecting with BPA's 500 kV "Big Eddy to Maupin-Redmond" transmission line.

The Summit Ridge transmission line will be supported on wooden H-frame or steel monopole poles that are ~~70~~up to approximately 140 feet in height and spaced approximately ~~800~~900 feet apart on average. The right-of-way for the transmission line is approximately 150 feet wide.

BPA will be responsible for the operation and maintenance of the interconnection facility. If the Summit Ridge facility ceases operation and a decommissioning/retirement plan is implemented, the transmission system operator is not obliged under this site certificate to dismantle the interconnection station, which will also be used to serve other customers.

## **SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA) SYSTEM**

A SCADA system will be installed at the facility to enable remote operation and collect operating data for each wind turbine, and archive wind and performance data. The SCADA system will be linked via fiber optic cables or other means of communication to a central computer in the O&M building. SCADA system wires will be installed in the collector line underground trenches, or overhead as necessary with the collector line.

## **OPERATIONS AND MAINTENANCE (O&M) FACILITY**

One permanent O&M facility will be located within the ~~five~~3.6-acre facility collector substation site, and will include up to 10,000 square feet of enclosed space for office and workshop areas, a control room, and kitchen and sanitary facilities. The O&M facility will have an adjacent graveled parking area and an approximately 300-foot by 300-foot fenced storage area. The Facility will also include an on-site well and septic system. Domestic water needs for the O&M facility will be served by an on-site well and septic system.

## **METEOROLOGICAL TOWERS**

A maximum of three permanent un-guyed meteorological towers will be placed within the site boundary to collect wind resource data (these towers will replace seven existing temporary towers). The met towers will be the same height as the hub of the turbines, ~~approximately~~ up to ~~80~~116 meters (~~263~~380.6 feet) tall. Met tower foundations may be constructed as deep as 40 feet, depending on soil conditions and geotechnical engineering requirements.

## **ACCESS ROADS**

1 Approximately ~~19~~10.2 miles of new roads will be constructed within the site boundary to  
2 provide access to the turbines and other facility components. Access roads will be designed to be  
3 ~~2016-~~ foot wide graveled surfaces with ~~10-foot compacted shoulders to accommodate~~  
4 ~~construction cranes~~ an additional 24 feet of temporary disturbance corridor during construction.  
5 After the completion of construction, all new roads within the site boundary will be restored to a  
6 total width of ~~20~~16 feet, ~~plus 2 feet of vegetated drainage on either side~~, for general use during  
7 facility operation.

## 8 9 **TEMPORARY ROADWAY MODIFICATIONS**

10  
11 Approximately ~~six~~13 miles of existing private roads will be upgraded to accommodate  
12 construction and operation of the facility. Where needed, existing roads will be improved to  
13 ~~2016-~~foot wide graveled surfaces, with ~~10-foot compacted shoulders~~ an additional 24 feet of  
14 ~~temporary disturbance corridor during construction~~ to accommodate construction equipment and  
15 cranes. After the completion of construction, improved roads within the site boundary will be  
16 restored to a total width of ~~20~~16-feet, ~~plus 2 feet of vegetated drainage on either side~~, for general  
17 use during facility operation.

## 18 19 **ADDITIONAL CONSTRUCTION AREAS**

20  
21 During construction, ~~up to six temporary laydown areas~~ one centralized temporary laydown area  
22 ~~occupying up to 8.3 acres~~ will be used for the delivery and staging of wind turbine components  
23 and other equipment and materials, as well as the staging of construction trailers for the  
24 construction crews. ~~Five of the six temporary laydown areas will be located on approximately~~  
25 ~~four acres, covered with gravel, which will be removed following completion of facility~~  
26 ~~construction. The sixth temporary laydown area will encompass the permanent five-acre~~  
27 ~~collector substation and O&M site.~~ During construction, portions of the permanently disturbed solar  
28 array site may also be temporarily used for laydown. In addition, up to approximately 4.6 acres at  
29 each wind turbine location will be temporarily disturbed for staging of wind turbine components.  
30 Concrete for construction of the facility would be obtained from an on-site concrete batch plant  
31 to be located on a graveled 2-acre site within the site boundary.  
32

#### 4.0. GENERAL ADMINISTRATIVE CONDITIONS

- 4.1. The certificate holder shall begin construction of the facility by August 19, 2020. The Council may grant an extension of the deadline to begin construction in accordance with OAR 345-027- 0385 or any successor rule in effect at the time the request for extension is submitted.  
[Final Order on Amendment 2; AMD4] [Mandatory Condition OAR 345-025-0006 (4)]
- 4.2. The certificate holder shall complete construction of the facility by August 19, ~~2023~~2026. Construction is complete when: 1) the facility is substantially complete as defined by the certificate holder's construction contract documents, 2) acceptance testing has been satisfactorily completed; and 3) the energy facility is ready to begin continuous operation consistent with the site certificate. The certificate holder shall promptly notify the Department of the date of completion of construction. The Council may grant an extension of the deadline for completing construction in accordance with OAR 345-027-0385 or any successor rule in effect at the time the request for extension is submitted.  
[Final Order III.D.2; AMD2; AMD4; ~~AMD6~~] [Mandatory Condition OAR 345-025-0006 (4)]
- 4.3. The certificate holder shall submit a legal description of the site to the Department of Energy within 90 days after beginning operation of the facility. The legal description required by this rule means a description of metes and bounds or a description of the site by reference to a map and geographic data that clearly and specifically identifies the outer boundaries that contain all parts of the facility.  
[Final Order III.D.3] [Mandatory Condition OAR 345-025-0006 (2)]
- 4.4. The certificate holder shall design, construct, operate and retire the facility:
- a. Substantially as described in the site certificate;
  - b. In compliance with the requirements of ORS Chapter 469, applicable Council rules, and applicable state and local laws, rules and ordinances in effect at the time the site certificate is issued; and
  - c. In compliance with all applicable permit requirements of other state agencies.
- [Final Order III.D.4] [Mandatory Condition OAR 345-025-0006 (3)]
- 4.5. The certificate holder shall construct the 230 kV transmission line within a 1,300 foot corridor, as represented on Figure 1 of the site certificate, subject to the conditions of this site certificate.  
[Final Order III.D.8; AMD4] [Mandatory Condition OAR 345-025-0010(5)]
- 4.6. The certificate holder shall obtain all necessary federal, state, and local permits or approvals required for construction, operation, and retirement of the facility or ensure that its contractors obtain the necessary federal, state, and local permits or approvals.  
[Final Order IV.B.2.4]



## 5.0. PRE-CONSTRUCTION REQUIREMENTS

In addition to pre-construction requirements contained elsewhere in this site certificate, the certificate holder must meet the following requirements:

- 5.1. Before beginning construction **of the facility, facility component or phase, as applicable**, the certificate holder shall notify the Department of the identity and qualifications of the major design, engineering and construction contractor(s) for the facility. The certificate holder shall select contractors that have substantial experience in the design, engineering and construction of similar facilities. The certificate holder shall report to the Department any change of major contractors. [Final Order IV.B.2.1; **AMD6**]
- 5.2. The certificate holder shall contractually require all construction contractors and subcontractors involved in the construction of the facility to comply with all applicable laws and regulations and with the terms and conditions of the site certificate. Such contractual provisions shall not operate to relieve the certificate holder of responsibility under the site certificate.  
[Final Order IV.B.2.2]
- 5.3. Before beginning construction **of the facility, facility component or phase, as applicable**, the certificate holder shall ensure that participating landowners obtain a Farm-Forest Management Easement. The landowner is required to sign and record in the deed records for the county a document binding the landowner, and the landowner's successors in interest, prohibiting them from pursuing a claim for relief or case of action alleging injury from farming or forest practices for which no action or claim is allowed under ORS 30.936 or 30.937.  
[Final Order IV.D.2.4; **AMD6**] [WCLUDO section 3.210218(~~HA~~)]
- 5.4. Before beginning construction **of the facility, facility component or phase, as applicable**, the certificate holder shall submit a Notice of Proposed Construction or Alteration to the Federal Aviation Administration (FAA) and the Oregon Department of Aviation identifying the proposed final locations of turbine towers and meteorological towers, and shall provide to the Department copies of a Determination of No Hazard for all turbine towers and meteorological towers or an equivalent determination to confirm that the structures comply with applicable FAA and Oregon Department of Aviation air hazard rules. The certificate holder shall promptly notify the Department of the responses from the FAA and Oregon Department of Aviation.  
[Amended Final Order on Amendment 1 IV.K.2.4]
- 5.5. Before beginning construction **of the facility, facility component or phase, as applicable**, the certificate holder shall provide to the Department a description of the turbine types selected for the facility demonstrating compliance with this condition. The certificate holder may select turbines of any type, subject to the following restrictions and compliance with all other site certificate conditions:
  - a. The total number of turbines at the facility must not exceed ~~72-32~~ turbines.

b. The turbine hub height must not exceed ~~94~~116 meters, the maximum blade tip height must not exceed ~~152~~197.5 meters, and the rotor diameter must not exceed ~~132~~163 meters.

c. The minimum blade tip clearance must be 18 meters above ground.

[Final Order on Amendment 2; AMD4; AMD6] [Mandatory Condition OAR 345-025-0006 (3)]

5.6. Before beginning construction of the facility, facility component or phase, as applicable, the certificate holder shall obtain approval of a final Revegetation and Weed Control Plan [based upon the draft plan included as Attachment E of the *Final Order on Amendment 46*] from the Department, in consultation with the Wasco County Weed Department and ODFW, to control the introduction and spread of noxious weeds, and shall implement that approved plan during all phases of construction and operation of the facility.

[Final Order on ASC; AMD2; AMD4; AMD6] [WCLUDO Section 3.240219(JK)(17)(5e)]

5.7. Except as necessary for the initial survey or as otherwise allowed for wind energy facilities, transmission lines or pipelines under OAR 345-027-0020, the certificate holder shall not begin construction, as defined in OAR 345-001-0010, or create a clearing on any part of the site until the certificate holder has construction rights on all parts of the site. For the purpose of this rule, "construction rights" means the legal right to engage in construction activities. For wind energy facilities, transmission lines or pipelines, if the certificate holder does not have construction rights on all parts of the site, the certificate holder may nevertheless begin construction, as defined in OAR 345-001-0010, or create a clearing on a part of the site if the certificate holder has construction rights on that part of the site and:

a. The certificate holder would construct and operate part of the facility on that part of the site even if a change in the planned route of the transmission line or pipeline occurs during the certificate holder's negotiations to acquire construction rights on another part of the site; or

b. The certificate holder would construct and operate part of a wind energy facility on that part of the site even if other parts of the facility were modified by amendment of the site certificate or were not built.

[Final Order III.D.6] [Mandatory Condition OAR 345-025-0006 (5)]

5.8. Before beginning construction of the facility, facility component or phase, as applicable, the certificate holder shall conduct a site-specific geotechnical investigation and shall report its findings to the Oregon Department of Geology & Mineral Industries (DOGAMI) and the Department. The report must be submitted to the Department and DOGAMI at least 90 days prior to beginning construction unless otherwise agreed upon by the Department. The certificate holder shall conduct the geotechnical investigation in general accordance with current DOGAMI guidelines for engineering geologic reports and site-specific seismic hazard reports. The geotechnical report must, at a minimum, include geotechnical investigations at all wind turbine locations, transmission line dead-end and turning structures, substation(s), and the operations and maintenance building.

[Final Order V.A.2.1; AMD4]

- 5.9. Before beginning construction of any new State Highway approaches or utility crossings, the certificate holder shall obtain all required permits from the Oregon Department of Transportation (ODOT) subject to the applicable conditions required by OAR Chapter 734, Divisions 51 and 55. The certificate holder shall submit the necessary application or applications in a form satisfactory to ODOT and the Department for the location, construction and maintenance of approaches to State Highway 197 for access to the site. The certificate holder shall submit the necessary application or applications in a form satisfactory to ODOT and the Department for the location, construction and maintenance of collector cables or transmission lines crossing Highway 197.

[Final Order V.C.2.12]

- 5.10. Before beginning construction, the certificate holder shall notify the Department in advance of any work on the site that does not meet the definition of “construction” in ORS 469.300 (excluding surveying, exploration, or other activities to define or characterize the site) and shall provide to the Department a description of the work and evidence that its value is less than \$250,000.

[Final Order IV.B.2.6]

- 5.11. Prior to the beginning of construction of the facility, facility component or phase, as applicable, a Road Impact Assessment/Geotechnical Report for roads to be used by the project shall be submitted to the Department and Wasco County. Said report should include an analysis of project-related traffic routes to be used during phases of construction, project operation and decommissioning. The report and any subsequent amendments shall be used as a discipline study and shall be incorporated into the Road Use Agreement between the Applicant and the County. ~~These reports shall be incorporated into a Road Use Agreement with the County.~~

[Amended Final Order on Amendment 1 V.C.2.17; AMD 6] [WCLUDO Section 19.030(C)(9)(d)]

- 5.12. Prior to beginning construction of new access roads, the certificate holder shall obtain any Road Approach Permit(s) that may be required by the Wasco County Public Works Department.

[Final Order on Amendment 2]

- 5.13. Prior to beginning construction of the facility, facility component or phase, as applicable, the certificate holder shall obtain any Utility Permit(s) that may be required by the Wasco County Public Works Department.

[Final Order on Amendment 2]

- 5.14. Before beginning construction of the facility, facility component or phase, as applicable, the certificate holder shall provide to the Department evidence demonstrating that ~~the certificate holder has obtained a guarantee from the turbine manufacturer for those turbines located within one mile of the boundaries of the~~

~~Deschutes Federal Wild and Scenic River and the Deschutes State Scenic Waterway that the maximum sound power of those turbines would not exceed 109 dBA plus 2 dB uncertainty when measured according to IEC (International Electrotechnical Commission) 61400-11:2002 ed. 2. Nono turbine shall be is located closer than 0.721.0 miles from any protected area as described in the Final Order on Amendment 6. [Final Order on Amendment 6]~~

## 6.0. DESIGN, CONSTRUCTION, AND OPERATIONS

### 6.1. The certificate holder shall:

- a. Prior to construction ~~of the facility, facility component or phase, as applicable, the certificate holder shall~~ notify the Department of the identity, telephone number, e-mail address and qualifications of the full-time, on-site construction manager. Qualifications shall demonstrate that the construction manager has experience in managing permit and regulatory compliance requirements and is qualified to manage a ~~wind-utility-scale energy~~ facility construction project.
- b. Prior to operation, notify the Department of the identity, telephone number, e-mail address and qualifications of the full-time, on-site operations manager. Qualifications shall demonstrate that the operations manager has experience in managing permit and regulatory compliance requirements and is qualified to manage operation of a ~~wind utility-scale energy~~ facility.
- c. Prior to facility retirement, notify the Department of the identity, telephone number, e-mail address and qualifications of the personnel or entity responsible for facility decommissioning and restoration activities. Qualifications shall demonstrate that the identified personnel have experience in managing permit and regulatory compliance requirements and are qualified to decommission a ~~wind-utility-scale energy~~ facility.
- d. The certificate holder shall notify the Department within 72-hours upon any change in personnel or contact information provided to satisfy Condition 6.1(a) through (c).  
[Final Order on Amendment 3; AMD6]

### 6.2. The certificate holder shall provide portable toilets for on-site sewage handling during construction and shall ensure that they are pumped and cleaned regularly by a licensed contractor who is qualified to pump and clean portable toilet facilities. [Final Order V.C.2.1]

### 6.3. The certificate holder shall implement a waste management plan during construction that includes but is not limited to the following measures:

- a. Recycling steel and other metal scrap.
- b. Recycling wood waste.
- c. Recycling packaging wastes such as paper and cardboard.
- d. Collecting non-recyclable waste for transport to a local landfill by a licensed water hauler.
- e. Segregating all hazardous wastes such as used oil, oily rags and oil-absorbent materials, mercury-containing lights and lead-acid and nickel-cadmium batteries for disposal by a licensed firm specializing in the proper recycling or disposal of hazardous wastes.

f. Confining concrete delivery truck rinse-out to a designated wash-out area and burying other concrete waste as part of backfilling.

[Final Order V.D.2.1]

6.4. The certificate holder shall install the 34.5-kV collector system underground to the extent practical. The certificate holder shall install underground lines at a minimum depth of three feet. Based on geotechnical conditions or other engineering considerations, the certificate holder may install segments of the collector system aboveground, but the total length of aboveground segments must not exceed five miles.

[Final Order VI.D.2.1]

6.5. In advance of, and during, preparation of detailed design drawings and specifications for the 230-kV and 34.5-kV transmission lines, the certificate holder shall consult with the Utility Safety and Reliability Section of the Oregon Public Utility Commission to ensure that the designs and specifications are consistent with applicable codes and standards.

[Final Order VI.D.2.3]

6.6. [DELETED] [AMD2; AMD4] [Mandatory Condition OAR 345-025-0006 (4)(a)]

6.7. The certificate holder shall consult with the Wasco Electric Cooperative during the design, construction, and operation of the Summit Ridge Wind Farm to ensure that the integrity and reliability of the power grid in Wasco County is maintained.

[Final Order VI.D.2.4]

6.8. The certificate holder shall design and construct the facility in accordance with requirements set forth by the Oregon Building Codes Division and any other applicable codes and design procedures.

[Final Order V.A.2.4]

6.9. To protect wetlands and waterways, the certificate holder shall construct the proposed facility substantially as described in the Final Order. Specifically, the certificate holder shall not remove material from waters of the State or add new fill material to waters of the State such that the total volume of removal and fill exceeds 50 cubic yards for the project as a whole.

[Final Order VI.B.2.1]

6.10. The certificate holder shall design, engineer and construct the facility to avoid dangers to human safety presented by non-seismic hazards. As used in this condition, “non-seismic hazards” include settlement, landslides, flooding and erosion.

[Final Order V.A.2.5]

- 1 6.11. The certificate holder shall design, engineer and construct the facility to avoid dangers  
2 to human safety and the environment presented by seismic hazards affecting the site  
3 that are expected to result from all maximum probable seismic events. "Seismic hazard"  
4 includes ground shaking, ground failure, landslide, liquefaction triggering and  
5 consequences (including flow failure, settlement buoyancy, and lateral spreading),  
6 cyclic softening of clays and silts, fault rupture, directivity effects and soil-structure  
7 interaction.  
8 [Final Order V.A.2.6; AMD4] [Mandatory Condition OAR 345-025-0006 (12)]  
9
- 10 6.12. The certificate holder shall design and construct the facility using the minimum land  
11 area necessary for safe construction and operation. The certificate holder shall locate  
12 access roads and temporary construction laydown and staging areas to minimize  
13 disturbance of farming practices and, wherever feasible, shall place turbines and  
14 transmission interconnection lines along the margins of cultivated areas to reduce the  
15 potential for conflict with farm operations.  
16 [Final Order IV.D.2.7; AMD 6] [WCLUDO Section 3.240219(JK)(17)(e5)]  
17
- 18 6.13. The certificate holder shall notify the Department, the State Building Codes Division  
19 and the Department of Geology and Mineral Industries promptly if site investigations  
20 or trenching reveal that conditions in the foundation rocks differ significantly from  
21 those described in the application for a site certificate. After the Department receives  
22 the notice, the Council may require the certificate holder to consult with the DOGAMI  
23 and the Building Codes Division and to propose and implement corrective or mitigation  
24 actions.  
25 [Final Order V.A.2.2; AMD4] [Mandatory Condition OAR 345-025-0006 (13)]  
26
- 27 6.14. The certificate holder shall notify the Department, the State Building Codes Division  
28 and DOGAMI promptly if shear zones, artesian aquifers, deformations or clastic dikes  
29 are found at or in the vicinity of the site. After the Department receives notice, the  
30 Council may require the certificate holder to consult with the Department of Geology  
31 and Mineral Industries and Building Codes Division to propose and implement  
32 corrective or mitigation actions.  
33 [Final Order V.A.2.3; AMD4] [Mandatory Condition OAR 345-025-0006 (14)]  
34
- 35 6.15. To reduce the visual impact of the facility, the certificate holder shall:  
36 a. Mount nacelles on smooth, steel structures, painted uniformly in a low-reflectivity,  
37 neutral gray, white, or off-white color.  
38 b. Paint the substation structures in a low-reflectivity neutral color to blend with the  
39 surrounding landscape.  
40 c. Not allow any advertising to be used on any part of the facility.  
41 d. Use only those signs required for facility safety, required by law or otherwise  
42 required by this site certificate, except that the certificate holder may erect a sign  
43 near the O&M building to identify the facility, may paint turbine numbers on each  
44 tower and may allow unobtrusive manufacturers' logos on turbine nacelles.  
45 e. Maintain any signs allowed under this condition in good repair.  
46 [Final Order IV.I.2.1]



- 1  
2 6.16. The certificate holder shall design and construct the O&M building to be generally  
3 consistent with the character of similar buildings used by commercial farmers or  
4 ranchers in the area and shall paint the building in a low-reflectivity, neutral color to  
5 blend with the surrounding landscape.  
6 [Final Order IV.I.2.2]  
7
- 8 6.17. The certificate holder shall design and construct new access roads and private road  
9 improvements to standards approved by the Wasco County Road Department. Where  
10 modifications of County roads are necessary, the certificate holder shall construct the  
11 modifications entirely within the County road rights-of-way and in conformance with  
12 County road design standards subject to the approval of the Wasco County Road  
13 Department. Where modifications of State roads or highways are necessary, the  
14 certificate holder shall construct the modifications entirely within the public road rights-  
15 of-way and in conformance with ODOT standards subject to the approval of ODOT.  
16 [Final Order V.C.2.13]  
17
- 18 6.18. The certificate holder shall cooperate with the Wasco County Public Works  
19 Department to ensure that any unusual damage or wear to county roads that is caused  
20 by construction of the facility is repaired by the certificate holder. Upon completion of  
21 construction, the certificate holder shall restore public roads to pre-construction  
22 condition or better to the satisfaction of the applicable county departments.  
23 [Final Order V.C.2.14]  
24
- 25 6.19. During construction of the facility, the certificate holder shall implement measures to  
26 reduce traffic impacts, including:  
27 a. Providing notice to adjacent landowners when heavy construction traffic is  
28 anticipated.  
29 b. Providing appropriate traffic safety signage and warnings.  
30 c. Requiring flaggers to be at appropriate locations at appropriate times during  
31 construction to direct traffic reduce accident risks.  
32 d. Using traffic diversion equipment (such as advance signage and pilot cars) when  
33 slow or oversize construction loads are anticipated.  
34 e. Maintaining at least one travel lane at all times to the extent reasonably possible so  
35 that roads will not be closed to traffic because of construction vehicles.  
36 f. Encouraging carpooling for the construction workforce.  
37 g. Including traffic control procedures in contract specifications for construction of the  
38 facility.  
39 h. Keeping Highway 197 free of gravel that tracks out onto the highway at facility  
40 access points.  
41 [Final Order V.C.2.15]  
42
- 43 6.20. The certificate holder shall ensure that no equipment or machinery is parked or stored  
44 on any County road whether inside or outside the site boundary. The certificate holder  
45 may temporarily park equipment off the road but within County rights-of-way with the  
46 approval of the County Roadmaster.

[Final Order V.C.2.16]

- 6.21. The height of the proposed Operations and Maintenance building shall not exceed 35 feet in height.

[Final Order IV.D.2.1; AMD6] [WCLUDO Section 3.240216(FB)(2)]

- 6.22. ~~Outdoor displays, signs or billboards within the energy facility project boundary shall not be erected, except: Signage for the proposed facility shall conform to the following requirements:~~

~~a.a. Signs required for public or employee safety or otherwise required by law; (e.g., OSHA or compliance with the Manual of Uniform Traffic Control Devices (MUTCD) administered through the county road department); and The certificate holder shall install the following signs at the facility:~~

~~i. "No Trespassing" signs shall be attached to any perimeter fence;~~

~~ii. "Danger" signs shall be posted at the height of five feet on turbine towers and accessory structures;~~

~~iii. A sign shall be posted on the tower showing an emergency telephone number; and~~

~~iv. Manual electrical and/or overspeed shutdown disconnect switch(es) shall be clearly labeled.~~

- ~~b. No more than two signs relating to the name and operation of the energy facility of a size and type to identify the property for potential visitors to the site but not to advertise the product. No signs for advertising of other products are permitted.~~

[Final Order IV.D.2.2; AMD6] [WCLUDO Section 19.030(C)(715)]

- ~~cb. Signage installed in accordance with Condition 6.22.a shall meet the following requirements:~~

~~i. Permanent signs shall not project beyond the property line.~~

~~ii. Signs shall not be illuminated or capable of movement.~~

~~iii. Permanent signs shall describe only uses permitted and conducted on the property on which the sign is located.~~

~~iv. Freestanding signs shall be limited to twelve square feet in area and 8 feet in height measured from natural grade. Signs on buildings are permitted in a ratio of one square foot of sign area to each linear foot of building frontage but in no event shall exceed 32 square feet and shall not project above the building.~~

~~v. Freestanding signs shall be limited to one at the entrance of the property. Up to one additional sign may be placed in each direction of vehicular traffic running parallel to the property if they are more than 750 feet from the entrance of the property.~~

~~vi. Signs on buildings shall be limited to one per building and only allowed on buildings conducting the use being advertised.~~

[Final Order IV.D.2.2; AMD6] [WCLUDO Section 3.240216(FD)(4)]

- 6.23. Except as necessary to meet the requirements of the Federal Aviation Administration to warn aircraft of obstructions, the certificate holder shall design and implement a lighting plan to ensure that all outdoor lighting is directed downward, limited in



intensity, and is shielded and hooded to prevent light from projecting onto adjacent properties, roadways, and waterways. Shielding and hooding materials shall be composed of nonreflective, opaque materials.

[Final Order IV.D.2.3; ~~AMD6~~] [WCLUDO section 3.240216(~~FE~~)(4)]

- 6.24. The certificate holder shall be responsible for restoring, as nearly as possible, to its former condition any agricultural land and associated improvements that are damaged or otherwise disturbed by the siting, maintenance, repair or reconstruction of the facility.

[Final Order IV.D.2.5; ~~AMD6~~] [WCLUDO Section 3.240219(~~IG~~)(83)(~~e~~)]

- 6.25. The certificate holder shall consult with area landowners and lessees during construction and operation of the facility and shall implement measures to reduce or avoid any adverse impacts to farm practices on surrounding lands and to avoid any increase in farming costs.

[Final Order IV.D.2.6] [WCLUDO Sections 5.020(J) and 5.020(K)]

- 6.26. The certificate holder shall not use exterior nighttime lighting except:

- a. The minimum turbine tower lighting required or recommended by the Federal Aviation Administration.
- b. Safety and security lighting at the O&M facility and substation, if such lighting is shielded or downward-directed to reduce offsite glare.

[Final Order IV.I.2.3]

- 6.27. The certificate holder shall design, construct and operate the facility in a manner to ensure that the facility avoids any material signal interference with communication systems such as, but not limited to, radio, telephone, television, satellite, microwave or emergency communication systems. Should any material interference occur, the certificate holder must develop and implement a mitigation plan in consultation with the Department.

[Amended Final Order on Amendment 1 IV.D.2.9]

- 6.28. During facility design and construction, the certificate holder shall comply with the following turbine setback distances, as measured from the centerline of the turbine to the edge of the dwelling, as set forth below.

- a. Except as provided in subsection (b) of this condition, wind turbines shall be set back from the property line of any abutting property not part of the project (non-project boundaries), the right-of-way of any dedicated road, and any above ground major utility facility line a minimum of 1.5 times the blade tip height of the wind turbine tower. Wind turbines shall be set back from any above ground minor utility facility line a minimum of 1.1 times the blade tip height of the wind turbine tower.
- b. Wind turbine tower numbers ~~2, 3, 5, 6, 7, 12, 15, 17, 19, 21, 22, 24, 25, and 26~~ ~~21, 22, 23, 24, 26, 27, 28, 29, 30, 54, 55, 56, 57, 58, 59, 60, and 61~~ shall be set back a minimum of ~~shall be set back a minimum of~~ 1.1 times the blade tip height of the wind turbine tower from the right-of-way of any dedicated road within the site boundary.

c. Wind turbines must be setback a minimum of 1 mile (5,280 feet) from all non-resource zoned property boundaries located outside of urban growth boundaries or urban reserves (as measured from the centerline of the turbine to the edge of the property boundary zoned for non-resource purposes, e.g. rural residential).

[Final Order on Amendment 2; AMD6]

6.29. The certificate holder must maintain all access roads for all-weather use to assure adequate, safe and efficient emergency vehicle and maintenance vehicle access to the site.

[Amended Final Order on Amendment 1 V.C.2.18]

6.30. The certificate holder shall submit a legal description of the site to the Wasco County GIS Department upon the beginning operation of the facility. This information shall include the actual latitude and longitude or Oregon State Plane North American Datum 1983 (NAD83) High Accuracy Reference Network (HARN) coordinates of each turbine tower, support structures for the 34.5-kV collector lines and 230-kV transmission line, and other related and supporting facilities. The certificate holder may provide the information in a GIS layer based on the geospatial data that includes all characteristics of spatial features of the facility site boundary. The certificate holder shall confer with the Department prior to submittal of GIS-based information.

[Amended Final Order on Amendment 1 IV.D.2.11]

6.31. During facility construction and operation, the certificate holder shall report to the Department, within 7 days, any change in the corporate structure ~~of~~ such as changes within Board of Directors, President or Chief Executive Officer of Aypa Power LLC, Aypa Power Canada LP or Blackstone Energy Partners. The certificate holder shall report promptly to the Department any change in its access to the resources, expertise, and personnel of Aypa Power LLC, Aypa Power Canada LP or Blackstone Energy Partners.

[AMD3; AMD5; AMD6]

6.32 During facility design and construction, the certificate holder shall ensure that the foundations of the turbines, substation, and operations and maintenance building are set back a minimum of 100 feet from any waterbodies designated as fish-bearing, 50 feet from any waterbodies designated as non-fish bearing, and 25 feet from all waterbodies (seasonal or permanent) not identified on any federal, state, or local inventory.

[Final Order on Amendment 2]

6.33 During facility design and construction, the certificate holder shall ensure that facility components are not developed within the ~~Environmental Protection District~~ ~~Overlay~~ ~~Zone~~ 4 as designated by Wasco County.

[Final Order on Amendment 2; AMD6]

6.34 During facility design and construction, the certificate holder shall ensure that facility components are sited to avoid direct impacts to wetlands and waterways.

[Final Order on Amendment 2]

## 7.0. PUBLIC HEALTH AND SAFETY

- 7.1. The certificate holder shall construct turbine towers with no exterior ladders or access to the turbine blades and shall install locked tower access doors. The certificate holder shall keep tower access doors locked at all times, except when authorized personnel are present.  
[Final Order IV.K.2.1]
- 7.2. For turbine types having pad-mounted step-up transformers, the certificate holder shall install the transformers at the base of each tower in locked cabinets designed to protect the public from electrical hazards and to avoid creation of artificial habitat for raptor prey.  
[Final Order IV.K.2.2]
- 7.3. To protect the public from electrical hazards, the certificate holder shall enclose the facility substation with appropriate fencing and locked gates.  
[Final Order IV.K.2.3]
- 7.4. The certificate holder shall follow manufacturers' recommended handling instructions and procedures to prevent damage to turbine or turbine tower components that could lead to failure. In the compliance plan required per OAR 345-026-0048, the certificate holder shall describe the process or protocol to be implemented to ensure that manufacturer's handling instruction and procedures are followed during equipment delivery.  
[Final Order IV.K.2.5; AMD4]
- 7.5. Prior to operation, the certificate holder shall:
- Submit to the Department, for review and approval, an operational safety-monitoring program that includes ~~regular inspections, maintenance, and reporting program to prevent structural or electrical failure of wind turbine foundations, towers, blades, or electrical equipment~~~~-cause analysis program~~. The safety monitoring program shall include, at a minimum, requirements for regular turbine blade and turbine tower component inspections and maintenance, based on wind turbine manufacturer recommended frequency.
  - Document the inspection of and maintenance activities of all turbine and turbine tower components on a regular basis. The inspection documentation must include, but is not limited to, the date, turbine number, inspection type (regular or other), turbine tower and blade condition, maintenance requirements (i.e. equipment used, component repair or replacement description, impacted area location and size), and wind turbine operating status. This information shall be submitted to the Department pursuant to OAR 345-026-0080 in the facility's annual compliance report.
  - In the event of blade or tower failure, the certificate holder shall report the incident to the Department within 72 hours, in accordance with OAR 345-026-0170(1), and shall, within 90 days of a blade or tower failure event, submit a root cause analysis to the Department for compliance evaluation.  
[Final Order IV.K.2.6; AMD4; AMD6]

- 1  
2  
3 7.6. The certificate holder shall install and maintain self-monitoring devices on each turbine,  
4 linked to sensors at the operations and maintenance building, to alert operators to  
5 potentially dangerous conditions, and the certificate holder shall immediately remedy  
6 any dangerous conditions. The certificate holder shall maintain automatic equipment  
7 protection features in each turbine that would shut down the turbine and reduce the  
8 chance of a mechanical problem causing a fire.  
9 [Final Order IV.K.2.7]  
10  
11 7.7. The certificate holder shall notify the Department of Energy and Wasco County within  
12 72 hours of any occurrence involving the facility if:  
13 a. There is an attempt by anyone to interfere with its safe operation;  
14 b. A natural event such as an earthquake, flood, tsunami or tornado, or a human- caused  
15 event such as a fire or explosion affects or threatens to affect the public health and  
16 safety or the environment;  
17 c. There is a mechanical failure or accident on the site associated with construction or  
18 operation of the facility that may result in public health and safety concerns; or  
19 d. There is any fatal injury at the facility.  
20 [Final Order IV.K.2.8 and OAR 345-026-017]  
21  
22 7.8. During operation, the certificate holder shall discharge sanitary wastewater generated at  
23 the Operations and Maintenance building to a licensed on-site septic system in  
24 compliance with State of Oregon permit requirements. The certificate holder shall  
25 design the septic systems for a discharge capacity of less than 5,000 gallons per day.  
26 [Final Order V.C.2.2]  
27  
28 7.9. The certificate holder shall take reasonable steps to reduce or manage human exposure  
29 to electromagnetic fields, including but not limited to:  
30 a. Constructing all aboveground transmission lines at least 200 feet from any residence  
31 or other occupied structure, measured from the centerline of the transmission line.  
32 b. Constructing all aboveground 34.5-kV transmission lines with a minimum clearance  
33 of 20 feet from the ground.  
34 c. Constructing all aboveground 230-kV transmission lines with a minimum clearance  
35 of 25 feet from the ground  
36 d. Providing to landowners a map of underground and overhead transmission lines on  
37 their property and advising landowners of possible health risks from electric and  
38 magnetic fields.  
39 e. Designing and maintaining all transmission lines so that alternating current electric  
40 fields do not exceed 9-kV per meter at one meter above the ground surface in areas  
41 accessible to the public.  
42 f. Designing and maintaining all transmission lines so that induced voltages during  
43 operation are as low as reasonably achievable.  
44 [Final Order VI.D.2.2]  
45  
46

- 1  
2  
3 7.10. The certificate holder must develop and implement a program that provides reasonable  
4 assurance that all fences, gates, cattle guards, trailers, or other objects or structures of a  
5 permanent nature that could become inadvertently charged with electricity are grounded  
6 or bonded throughout the life of the line.  
7 [Final Order IV.M.2.2] [Site Specific Condition OAR 345-027-0023(4)]  
8
- 9 7.11. A current copy of the electrical protection plan developed in compliance with Condition  
10 7.10 must be available at the O&M building and provided upon request by ODOE staff.  
11 [Final Order IV.M.2.3]  
12
- 13 7.12 Prior to construction, the certificate holder shall schedule a time to brief the OPUC  
14 Safety, Reliability, and Security Division (Safety) Staff as to how it will comply with  
15 OAR Chapter 860, Division 024 during design, construction, operations, and  
16 maintenance of the facilities.  
17 [Final Order on Amendment 2]  
18
- 19 7.13 During operation, the certificate holder shall:  
20 a. Update the OPUC Safety Staff as to how the operator will comply with OAR Chapter  
21 860, Division 024 on an ongoing basis considering future operations, maintenance,  
22 emergency response, and alterations until facility retirement.  
23 b. File the following required information with the Commission:  
24 i. Each person who is subject to the Public Utility Commission's authority under  
25 ORS 757.035 and who engages in the operation of an electric power line as  
26 described in ORS 757.035 must provide the commission with the following  
27 information before January 2 of each even-numbered year:  
28 a. The name and contact information of the person that is responsible for  
29 the operation and maintenance of the electric power line, and for  
30 ensuring that the electric power line is safe, on an ongoing basis; and  
31 b. The name and contact information of the person who is responsible for  
32 responding to conditions that present an imminent threat to the safety  
33 of employees, customers and the public.  
34 ii. In the event that the contact information described in subsection (a) of this  
35 condition changes or that ownership of the electric power line changes, the  
36 person who engages in the operation of the electric power line must notify the  
37 commission of the change as soon as practicable, but no later than within 90  
38 days.  
39 iii. If the person described in subsection (a) of this condition is not the public  
40 utility, as defined in ORS 757.005, in whose service territory the electric  
41 power line is located, the commission shall make the information provided to  
42 the commission under subsection (1) of this section available to the public  
43 utility in whose service territory the electric power line is located. [2013  
44 c.235 §3]  
45 c. Provide OPUC Safety Staff with:  
46 i. Maps and Drawings of routes and installation of electrical supply lines

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11

showing:

- Transmission lines and structures (over 50,000 Volts)
- Distribution lines and structures - differentiating underground and overhead lines (over 600 Volts to 50,000 Volts)
- Substations, roads and highways

ii. Plan and profile drawings of the transmission lines (and name and contact information of responsible professional engineer).

[Final Order on Amendment 2]

## 8.0. ON-SITE SAFETY AND SECURITY

8.1. During construction and operation of the facility, the certificate holder shall provide for on-site security and shall establish good communications between on-site security personnel and the Wasco County Sheriff's Office. During operation, the certificate holder shall ensure that appropriate law enforcement agency personnel have an up-to-date list of the names and telephone numbers of facility personnel available to respond on a 24-hour basis in case of an emergency on the facility site.  
[Final Order V.C.2.3]

8.2. Prior to construction, the certificate holder shall require that all on-site construction contractors develop a site health and safety plan to be implemented during facility construction that informs workers and others on-site about first aid techniques and what to do in case of an emergency and that includes important telephone numbers and the locations of on-site fire extinguishers and nearby hospitals. The certificate holder shall ensure that construction contractors have personnel on-site who are trained and equipped for tower rescue and who are first aid and CPR certified.  
[Final Order on Amendment 2]

8.3. Prior to commencing operation, the certificate holder shall develop a site health and safety plan to be implemented during facility operation that informs employees and others on-site about first aid techniques and what to do in case of an emergency and that includes important telephone numbers and the locations of on-site fire extinguishers and nearby hospitals. The certificate holder shall ensure that operations personnel are trained and equipped for tower rescue. The facility must maintain training records and have a current copy of the site health and safety plan on-site and available upon request by the Department of Energy.  
[Final Order on Amendment 2]

8.4. Prior to construction, the certificate holder shall ~~develop fire safety plans in consultation with~~ submit to the Department and the Petersburg Rangeland Fire Protection Agency ~~Columbia Rural Fire District~~, a Final Wildfire Mitigation Plan (WMP) which includes the applicable measures provided in the Draft WMP (Attachment V-1 of the Final Order on Amendment 6). ~~to minimize the risk of fire and to respond appropriately to any fires that occur on the facility site.~~ The plans shall be maintained onsite and implemented throughout construction and operation of the facility. ~~In developing the fire safety plans, the certificate holder shall take into account the dry nature of the region and shall address risks on a seasonal basis.~~ The certificate holder shall meet annually with local fire protection agency personnel to discuss emergency planning and shall invite local fire protection agency personnel to observe any emergency drill or tower rescue training conducted at the facility.  
[Final Order on Amendment 2; AMD6]



1  
2  
3  
4 8.5. Upon the beginning of operation of the facility, ~~facility component or phase, as~~  
5 ~~applicable~~, the certificate holder shall provide a site plan to the ~~Petersburg Rangeland~~  
6 ~~Fire Protection Agency~~~~Columbia Rural Fire Distriet~~. The certificate holder shall  
7 indicate on the site plan the identification number assigned to each turbine and the  
8 actual location of all facility structures. The certificate holder shall provide an updated  
9 site plan if additional turbines or other structures are later added to the facility. During  
10 operation, the certificate holder shall ensure that appropriate fire protection agency  
11 personnel have an up-to-date list of the names and telephone numbers of facility  
12 personnel available to respond on a 24-hour basis in case of an emergency on the  
13 facility site.

14 [Final Order V.C.2.7; ~~AMD6~~]  
15

16 8.6. The certificate holder shall construct turbines and pad-mounted transformers on  
17 concrete foundations and shall cover the ground within a 15-foot radius with non-  
18 flammable material. The certificate holder shall maintain the non-flammable pad area  
19 covering during operation of the facility.

20 [Final Order V.C.2.8]  
21

22 8.7. During construction and operation of the facility, the certificate holder shall ensure that  
23 the O&M building and all service vehicles are equipped with shovels and portable fire  
24 extinguishers of a 4A5OBC or equivalent rating.

25 [Final Order V.C.2.9]  
26

27 8.8. During construction, the certificate holder shall ensure that construction vehicles and  
28 equipment are operated on graveled areas to the extent possible and that open flames,  
29 such as cutting torches, are kept away from dry grass areas.

30 [Final Order V.C.2.10]  
31

32 8.9. During operation, the certificate holder shall ensure that all on-site employees receive  
33 annual fire prevention and response training by qualified instructors or members of the  
34 local fire districts. The certificate holder shall ensure that all employees are instructed to  
35 keep vehicles on roads and off dry grassland, except when off-road operation is  
36 required for emergency purposes.

37 [Final Order V.C.2.11]  
38  
39



## 9.0. PROTECTION OF SOIL

- 9.1. The certificate holder shall conduct all construction work in compliance with an Erosion and Sediment Control Plan (ESCP) satisfactory to the Oregon Department of Environmental Quality and as required under the National Pollutant Discharge Elimination System (NPDES) Storm Water Discharge General Permit #1200-C. The certificate holder shall include in the ESCP any procedures necessary to meet local erosion and sediment control requirements or storm water management requirement. [Final Order IV.C.2.1]
- 9.2. During construction, the certificate holder shall limit truck traffic to improved road surfaces to avoid soil compaction and wind erosion on dirt roads, to the extent practicable. [Final Order IV.C.2.2]
- 9.3. During construction, the certificate holder shall implement best management practices to control any dust generated by construction activities, such as applying water to roads and disturbed soil areas. [Final Order IV.C.2.3]
- 9.4. The certificate holder shall handle hazardous materials used on the site in a manner that protects public health, safety and the environment and shall comply with all applicable local, state and federal environmental laws and regulations. ~~The certificate holder shall not store diesel fuel or gasoline on the facility site.~~ [Final Order IV.C.2.4; AMD6]
- 9.5. If a spill or release of hazardous material occurs during construction or operation of the facility, the certificate holder shall notify the Department within 72 hours and shall clean up the spill or release and dispose of any contaminated soil or other materials according to applicable regulations. The certificate holder shall make sure that spill kits containing items such as absorbent pads are located on equipment and at the O&M building. The certificate holder shall instruct employees about proper handling, storage and cleanup of hazardous materials. [Final Order IV.C.2.5]
- 9.6. Upon completion of construction, the certificate holder shall restore vegetation to the extent practicable and shall landscape all areas disturbed by construction in a manner compatible with the surroundings and proposed use and in compliance with the Revegetation and Weed Control Plan (~~based upon the draft plan included as Attachment E of the Final Order on Amendment 6~~ ~~Exhibit 1 to the Final Order~~). Upon completion of construction, the certificate holder shall remove all temporary structures not required for facility operation and dispose of all timber, brush, refuse and flammable or combustible material resulting from clearing of land and construction of the facility. [Final Order IV.C.2.6; AMD6] [Mandatory Condition OAR 345-025-0006 (11)]

1  
2 9.7. During operation of the facility, the certificate holder shall restore areas that are  
3 temporarily disturbed during facility maintenance or repair activities using the same  
4 methods and monitoring procedures described in the Revegetation and Weed Control  
5 Plan.  
6 [Final Order IV.C.2.7]  
7

8 9.8. During facility operation, the certificate holder shall routinely inspect and maintain all  
9 transmission line corridors, roads, pads and trenched areas and, as necessary, maintain  
10 or repair erosion and sediment control measures and control the introduction and spread  
11 of noxious weeds.  
12 [Final Order IV.C.2.8]  
13  
14

## 10.0. PROTECTION OF NATURAL RESOURCES

10.1. Before beginning construction of the facility, facility component or phase, as applicable, the certificate holder shall provide to the Department, to the Oregon Department of Fish and Wildlife (ODFW) and to the Planning Director of Wasco County detailed maps of the facility site, showing the final locations where the certificate holder proposes to build facility components, and a table showing the acres of temporary habitat impact by habitat category and subtype and the acres of permanent habitat impact by habitat category and subtype. The detailed maps of the facility site shall indicate the habitat categories of all areas that would be affected during construction. In classifying the affected habitat into habitat categories, the certificate holder shall consult with ODFW. The certificate holder shall not begin ground disturbance in an affected area until the habitat assessment has been approved by the Department. The Department may employ a qualified contractor to confirm the habitat assessment by on-site inspection.

[Final Order IV.G.2.1; AMD6]

10.2. The certificate holder shall incorporate the design elements listed below into the final facility design to avoid or mitigate impacts to sensitive wildlife habitat:

- a. Where practicable, facility components and construction areas shall be located to avoid or minimize temporary and permanent impacts to high quality native habitat and to retain habitat cover in the general landscape.
- b. No facility components may be constructed within areas of Category 1 habitat and temporary disturbance of Category 1 habitat shall be avoided.
- c. The design of the facility and areas of temporary and permanent disturbance shall avoid impacts to any Category 1 habitat, to any State-listed threatened or endangered plant or wildlife species, and to any State Candidate plant species.

[Final Order IV.G.2.2]

10.3. The certificate holder shall implement measures to avoid or mitigate impacts to sensitive wildlife habitat during construction including, but not limited to, the following:

- a. Preparing and distributing maps to employees and contractors to show areas that are off-limits to construction personnel, such as nesting or denning areas for sensitive wildlife species;
- b. Avoiding unnecessary road construction, temporary disturbance and vehicle use;
- c. Limiting construction work to approved and surveyed areas shown on facility constraint maps; and
- d. Ensuring that all construction personnel are instructed to avoid driving cross-country or taking short-cuts within the site boundary or otherwise disturbing areas outside of the approved and surveyed construction areas.

[Final Order IV.G.2.3]

- 1  
2 10.4. Prior to construction of the facility, facility component or phase, as applicable, the  
3 certificate holder shall:  
4 a. Select qualified specialists (wildlife biologist/botanist) that have substantial  
5 experience in creating, enhancing, and protecting habitat mitigation areas within  
6 Oregon;  
7 b. Notify the Department of the identity and qualifications of the personnel or  
8 contractors selected to implement and manage the habitat mitigation area;  
9 c. Acquire the legal right to create, enhance, maintain and protect a habitat mitigation  
10 area, as long as the site certificate is in effect, by means of an outright purchase,  
11 conservation easement or similar conveyance;  
12 d. Conduct a field-based habitat assessment of the habitat mitigation sites, based on a  
13 protocol approved by the Department in consultation with ODFW, which includes  
14 methodology, habitat map, and available acres by habitat category and subtype in  
15 tabular format.  
16 e. Calculate the size of the habitat mitigation area (HMA) for permanent and temporal  
17 habitat impacts, based on final facility design. The calculation must be based on the  
18 ratios and methods presented in the *Final Order on Amendment 6* and provided to  
19 the Department for review and approval.  
20 f. Provide evidence to the Department demonstrating that an agreement of outright  
21 purchase, conservation easement or similar conveyance has been executed for the  
22 enhancement and protection of the HMA under the requirements of the Habitat  
23 Mitigation Plan, to extend for the life of the facility.  
24 ~~e.g. Develop and s~~ Submit a final Habitat Mitigation Plan (HMP) for approval by the  
25 Department in consultation with ODFW, based upon the draft amended HMP  
26 included as Attachment D of the Final Order on Amendment #46. The Council  
27 retains the authority to approve, reject or modify the final HMP and any future  
28 amendments; ~~and,~~  
29 ~~f. Improve the habitat quality, within the habitat mitigation area, as described in the~~  
30 ~~final HMP, and as amended.~~  
31 [Final Order on Amendment 2; AMD4; AMD6]  
32  
33 10.5. Prior to construction, the certificate holder shall finalize the Wildlife Monitoring and  
34 Mitigation Plan (WMMP), based on the draft WMMP included as Attachment F of the  
35 *Final Order on Amendment 46*, as approved by the Department in consultation with  
36 ODFW. The certificate holder shall conduct wildlife monitoring as described in the  
37 final WMMP, as amended from time to time. The final WMMP shall specify that the  
38 first long-term raptor nest survey will be conducted in the first raptor nesting season  
39 that is at least 5 years after the completion of construction and is in a year that is  
40 divisible by five (i.e., ~~2020~~, 2025, 2030, ~~2035~~); the certificate holder shall repeat the  
41 survey at 5-year intervals thereafter. The final WMMP must include a requirement that  
42 the certificate holder consult with the Department and ODFW after concluding the  
43 required two-year operational avian fatality monitoring. If the results of the two-year  
44 operational avian fatality monitoring exceed thresholds of concern established in the  
45 WMMP, the certificate holder must provide additional mitigation in a form and amount  
46 agreed upon by the Department, in consultation with ODFW. If the two-year

operational avian fatality monitoring results exceed thresholds of concern established in the WMMP, in addition to the mitigation that must be provided per this condition, the certificate holder must conduct an additional two-years of avian fatality monitoring, and report those results to the Department and ODFW for review and if necessary, further mitigation as agreed upon by the Department in consultation with ODFW. The results of the avian fatality monitoring must be posted to the Department website and presented to EFSC by Department and ODFW staff.

[Final Order on Amendment 2; AMD4; AMD6]

- 10.6. The certificate holder shall hire a qualified environmental professional to provide environmental training during construction and operation. Environmental training includes information on the sensitive species present onsite, precautions to avoid injuring or destroying wildlife or sensitive wildlife habitat, exclusion areas, permit requirements and other environmental issues. The certificate holder shall instruct construction and operations personnel to report any injured or dead wildlife detected while on the site to the appropriate onsite environmental manager.

[Final Order IV.G.2.6]

- 10.7. Before beginning construction of the facility, facility component or phase, as applicable, the certificate holder shall:

- a) Consider microsite factors designed to minimize bird and bat collision risk including but not limited to locating wind turbines away from saddles in long ridges and locating wind turbines on the top of or slightly downwind of distinct ridges and set back from the prevailing upwind side. The certificate holder shall provide a map, to the Department and ODFW, showing the final design locations of all facility components and the areas of potential disturbance, and that identifies geographic and microsite factors considered in final design.
- b) Hire a qualified professional biologist to conduct a pre-construction habitat survey (Condition 10.7) and Threatened and Endangered (T&E) plant survey (Condition 10.13). The surveys shall be conducted concurrently and in accordance with the survey protocol set forth in the Survey Protocol provided in Attachment G of the Final Order on Amendment 4 (for T&E plants and raptors), and in accordance with a survey protocol reviewed and approved by ODFW for habitat categorization. The survey area will include all areas within the microsite corridor. The pre construction habitat and T&E plant survey shall be planned in consultation with the Department and ODFW, and shall include both desktop and field surveys to be confirmed with the Department and ODFW. The desktop survey shall evaluate habitat within ½ mile from the site boundary (analysis area). Field surveys shall be conducted the entirety of the microsite corridor in areas that are not active agriculture (Category 6 habitat).
- c) Following completion of the habitat and T&E plant surveys, and final layout design and engineering, the certificate holder shall provide the Department and ODFW a report containing the results of the survey, showing expected final location of all facility components, the habitat categories of all areas that will be affected by facility components, and the locations of any sensitive resources.

The report shall present in tabular format the acres of expected temporary and permanent impacts to each habitat category, type, and sub-type. The pre-construction habitat survey shall be used to complete final design, facility layout, and any additional micro-siting adjustment of facility components. Based on the field survey report, the Department in consultation with ODFW shall verify that the final facility layout, design, and construction timing minimizes impacts to non-Category 6 habitat, state-listed sensitive species, and state-listed threatened and endangered species. The report must be posted to the Department website. The results of the survey must be presented to EFSC at a future EFSC meeting by both the Department and ODFW staff. As part of the report, the certificate holder shall include its impact assessment methodology and calculations, including assumed temporary and permanent impact acreage for each transmission structure, wind turbine, access road, and all other facility components. If construction laydown yards are to be retained post construction, due to a landowner request or otherwise, the construction laydown yards must be calculated as permanent impacts, not temporary.

[Final Order on Amendment 2; AMD4; AMD6]

- 10.8. The certificate holder shall reduce the risk of injuries to avian species by:
- Installing turbine towers that are smooth steel structures that lack features that would allow avian perching.
  - Installing **permanent** meteorological towers that are non-guyed structures to eliminate the risk of avian collision with guy-wires.
  - Designing and installing all aboveground transmission line support structures following the most current suggested practices for avian protection on power lines published by the Avian Power Line Interaction Committee.

[Final Order IV.H.2.1; AMD6]

- 10.9. During facility operation, the certificate holder shall obtain water for on-site uses from an on-site well located near the O&M building. The certificate holder shall construct the on-site well subject to compliance with the provisions of ORS 537.765 relating to keeping a well log. The certificate holder shall not use more than 5,000 gallons of water per day from the on-site well. The certificate holder may use other sources of water for on-site uses subject to prior approval by the Department.

[Final Order VI.C.2.1]

- 10.10. During facility operation, if equipment washing becomes necessary, the certificate holder shall ensure that there is no runoff of wash water from the site or discharges to surface waters, storm sewers or dry wells. The certificate holder shall not use acids, bases or metal brighteners with the wash water. The certificate holder may use biodegradable, phosphate-free cleaners sparingly.

[Final Order VI.C.2.2]

- 10.11. The certificate holder shall implement a waste management plan during operation that includes but is not limited to the following measures:

- Training employees to minimize and recycle solid waste.

- b. Recycling paper products, metals, glass and plastics.
- c. Recycling used oil and hydraulic fluid.
- d. Collecting non-recyclable waste for transport to a local landfill by a licensed waste hauler.
- e. Segregating all hazardous, non-recyclable wastes such as used oil, oily rags and oil-absorbent materials, mercury-containing lights and lead-acid and nickel-cadmium batteries for disposal by a licensed firm specializing in the proper recycling or disposal of hazardous wastes.

[Final Order V.D.2.2]

- 10.12. The certificate holder shall not conduct any construction activities on land mapped as Big Game Winter Range by the Oregon Department of Fish and Wildlife between December 1 and April 15. Upon request by the certificate holder, the Department may provide exceptions to this restriction. The certificate holder's request must include a justification for the request, including any actions the certificate holder will take to avoid, minimize, or mitigate impacts to big game and big game habitat in the relevant area. The Department will consult with ODFW on any request made under this condition.

[Amended Final Order on Amendment 1 IV.G.2.2; AMD4]

- 10.13. Prior to the beginning of construction of the facility the certificate holder shall perform new field surveys for threatened and endangered species following the survey protocol set forth in the Northwest Wildlife Consultants Memorandum regarding Endangered and Threatened Plant Species and Raptor Nest Surveys dated October 17, 2014. The certificate holder shall report the results of the field surveys to the Department, ODA and ODFW. If the surveys identify the presence of threatened or endangered species within the survey area, the certificate holder shall implement appropriate measures to avoid a significant reduction in the likelihood of survival or recovery of the species, as approved by the Department, in consultation with ODA and ODFW.

[Amended Final Order on Amendment 1 IV.H.2.2]

- 10.14. The certificate holder shall conduct two (2) seasons of raptor nest surveys with at least one (1) season of the surveys occurring prior to the beginning of construction. The raptor nest surveys shall be conducted following the instructions set forth in the Raptor Nest Survey Protocol for Summit Ridge Wind Farm included as Attachment G to the Final Order on Amendment 4. The certificate holder shall report the results of the field surveys to the Department and ODFW. If the surveys identify the presence of raptor nests within the survey area, the certificate holder shall implement appropriate measures to assure that the design, construction and operation of the facility are consistent with the fish and wildlife habitat mitigation goals and standards of OAR 635-415-0025, as approved by the Department, in consultation with ODFW.

[Final Order on ASC, Condition IV.G.2.8; AMD1; AMD4]

- 10.15. During construction the certificate holder shall observe the raptor nest avoidance guidelines shown in the following table around known raptor nests in the vicinity of ground-disturbing construction activities, unless the nest fledges young, the nest fails



(i.e., is abandoned), or the Department in consultation with ODFW approves an alternative plan.

Species	Disturbance Buffer	Nesting Season – Avoidance Period
Golden eagle	0.25 mile	Feb 1 - Aug 31
Red-tailed hawk	500 feet	Mar 1 - Aug 31
Ferruginous hawk	0.25 mile	Mar 15 - Aug 15
Swainson’s hawk	0.25 mile	April 1 - Aug 15
Prairie Falcon	0.25 mile	Jan 1 - Jul 31
American peregrine falcon	0.5 mile	Mar 15 - Jul 15
American kestrel	0.25 mile	Mar 1 - Jul 31

[Final Order on Amendment 2]



## 11.0. PROTECTION OF HISTORIC, CULTURAL AND ARCHAEOLOGICAL RESOURCES

- 11.1. Before beginning construction of the facility, facility component or phase, as applicable, the certificate holder shall label all identified historic, cultural or archaeological resource sites on construction maps and drawings as “no entry” areas. The applicant shall implement a ~~200-foot buffer for all rock alignment and cairn sites, and shall implement a~~ 100 foot buffer for all ~~other~~ eligible/unevaluated archaeological sites for which shovel probing has not occurred, and a 30-foot buffer for all eligible/unevaluated archaeological sites for which shovel probing was conducted to confirm site boundaries. The certificate holder may use existing private roads within the buffer areas. ~~If private roads must be but may not~~ widened or improved ~~private roads~~ within the buffer areas, ~~this must occur in the direction opposite the architectural sites.~~ The no-entry restriction does not apply to public road rights-of-way within the buffer areas.  
[Final Order Section V.B.2.1; AMD6]
- 11.2. Before beginning construction of the facility, facility component or phase, as applicable, the certificate holder shall provide to the Department a map showing the final design locations of all components of the facility, the areas that would be temporarily disturbed during construction and the areas that were previously surveyed as described in the Application for Site Certificate.  
[Final Order V.B.2.2]
- 11.3. The certificate holder shall hire qualified personnel to conduct field investigation of all areas to be disturbed during construction that lie outside the previously-surveyed areas. The certificate holder shall provide a written report of the field investigation to the Department and to the Oregon State Historic Preservation Office (SHPO). If any potentially significant historic, cultural or archaeological resource sites are found during the field investigation, the certificate holder shall instruct all construction personnel to avoid the identified sites and shall implement appropriate measures to protect the sites, including the measures described in Condition 11.5 and in accordance with the Archaeological Monitoring Plan required per Condition 11.6.  
[Final Order V.B.2.3]
- 11.4. The certificate holder shall ensure that a qualified archaeologist, as defined in OAR 736-051-0070, instructs construction personnel in the identification of cultural materials and avoidance of accidental damage to identified resource sites. Records of such training shall be maintained at the Operations and Maintenance Building and made available to authorized representatives of the Oregon Department of Energy upon request.  
[Final Order V.B.2.4]

- 1  
2  
3  
4  
5  
6  
7 11.5. The certificate holder shall ensure that construction personnel cease all ground-  
8 disturbing activities in the immediate area if any archaeological or cultural resources are  
9 found during construction of the facility until a qualified archeologist can evaluate the  
10 significance of the find. The certificate holder shall notify the Department and SHPO of  
11 the find. If the SHPO determines that the resource is significant, the certificate holder  
12 shall make recommendations to the Council for mitigation, including avoidance, field  
13 documentation and data recovery, in consultation with the Department, SHPO,  
14 interested tribes and other appropriate parties. The certificate holder shall not restart  
15 work in the affected area until the certificate holder has demonstrated to the Department  
16 and the SHPO that it has complied with archaeological resource protection regulations.  
17 [Final Order V.B.2.5]  
18  
19 11.6. The certificate holder shall prepare and implement an Archaeological Monitoring Plan  
20 for construction and maintenance activities to address and mitigate impacts from  
21 exposure of unanticipated or previously unidentified cultural properties that may be  
22 exposed during construction or operation of the facility. A current copy of the plan must  
23 be maintained at the Operations and Maintenance Building and made available to  
24 authorized representatives of the Oregon Department of Energy upon request.  
25 [Final Order V.B.2.6]  
26

## 12.0. NOISE CONTROL AND NOISE COMPLAINT RESPONSE

- 12.1. To reduce construction noise impacts at nearby residences, the certificate holder shall:
- Confine the noisiest operation of heavy construction equipment to the daylight hours.
  - Require contractors to install and maintain exhaust mufflers on all combustion engine-powered equipment; and
  - Establish a complaint response system at the construction manager's office to address noise complaints. Records of noise complaints during construction must be made available to authorized representatives of the Department of Energy upon request.

[Final Order VI.A.2.1]

- 12.2. Before beginning construction of the facility, facility component or phase, as applicable, the certificate holder shall provide to the Department:
- Information that identifies the final design locations of all turbines to be built at the facility;
  - The maximum sound power level for the substation transformers and the maximum sound power level and octave band data for the turbine type(s) selected for the facility based on manufacturers' warranties or confirmed by other means acceptable to the Department;
  - The results of the noise analysis of the final facility design performed in a manner consistent with the requirements of OAR 340-035-0035(1)(b)(B)(iii)(IV) and (VI). The analysis must demonstrate to the satisfaction of the Department that the total noise generated by the facility (including the noise from turbines and substation transformers) will not exceed the maximum allowable noise level at any potentially-affected noise receptor. The analysis must also demonstrate that the facility would meet the ambient degradation test at the appropriate measurement point for potentially-affected noise sensitive properties, or that the certificate holder has obtained the noise waiver described in Condition 12.2.d for each noise-sensitive property where the ambient degradation standard cannot be met.
  - For each noise-sensitive property where the certificate holder relies on a noise waiver to demonstrate compliance with OAR 340-035-0035(1)(b)(B)(iii)(III), a copy of the a legally effective easement or real covenant pursuant to which the owner of the property authorizes the certificate holder's operation of the facility to increase ambient statistical noise levels L10 and L50 by more than 10 dBA at the appropriate measurement point. The legally-effective easement or real covenant must meet all of the following criteria:
    - Include a legal description of the burdened property (the noise sensitive property);
    - Be recorded in the real property records of the county;
    - Expressly benefit the certificate holder;
    - Expressly run with the land and bind all future owners, lessees or holders of any interest in the burdened property; and
    - Not be subject to revocation without the certificate holder's written approval.

[Final Order VI.A.2.2; AMD6]

1  
2 12.3. During operation, the certificate holder shall maintain a complaint response system to  
3 address noise complaints. The certificate holder shall notify the Department within 15  
4 days of receiving a complaint about noise from the facility. The notification should  
5 include, but is not limited to, the date the complaint was received, the nature of the  
6 complaint, the complainant's contact information, the location of the affected property,  
7 and any actions taken, or planned to be taken, by the certificate holder to address the  
8 complaint.  
9 [Final Order VI.A.2.3]

10  
11 12.4. During operations, the certificate holder shall:  
12 a. Upon written notification from the Department, monitor and record the actual statistical  
13 noise levels to verify that the facility is in compliance with the noise control  
14 regulations. The monitoring plan must be reviewed and approved by the Department  
15 prior to implementation. The cost of such monitoring, if required, will be borne by the  
16 certificate holder.  
17 b. If the results of the pre-construction final noise analysis submitted per Condition 12.2  
18 identify that modeled noise levels are predicted to be within 1 dBA of the ambient  
19 degradation threshold (10 dBA) for noise sensitive properties that have not agreed to a  
20 noise waiver with the certificate holder, or within 1 dBA of the maximum allowable  
21 noise level (50 dBA) for any noise sensitive property, the certificate holder shall  
22 monitor and record actual statistical noise levels during Year 1 of operations to verify  
23 that the certificate holder is operating the facility in compliance with the noise control  
24 regulations. The monitoring plan must be reviewed and approved by the Department  
25 prior to implementation.  
26 c. If the ambient degradation threshold (10 dBA) at noise sensitive properties that have  
27 not agreed to a noise waiver with the certificate holder, or maximum allowable noise  
28 level (50 dBA) at any noise sensitive property is measured at any noise sensitive  
29 property during monitoring conducted to satisfy (a) or (b) of this condition, the  
30 certificate holder shall submit to the Department its mitigation proposal demonstrating  
31 the measures to be utilized to lower noise levels and achieve compliance with the  
32 applicable noise standard. The mitigation proposal shall be reviewed and approved by  
33 the Department.  
34 [Final Order VI.A.2.4; AMD4]  
35

### 13.0. MONITORING AND REPORTING REQUIREMENTS - GENERAL

13.1. In addition to monitoring and reporting requirements elsewhere in this Site Certificate, the certificate holder shall also report according to the following requirements:

a. General reporting obligation for energy facilities under construction or operating:

- i. Within six months after beginning construction, and every six months thereafter during construction of the energy facility and related or supporting facilities, the certificate holder shall submit a semiannual construction progress report to the Department of Energy. In each construction progress report, the certificate holder shall describe any significant changes to major milestones for construction. The certificate holder shall include such information related to construction as specified in the site certificate. When the reporting date coincides, the certificate holder may include the construction progress report within the annual report described in Condition 13.1.b.
- ii. By April 30 of each year after beginning construction, the certificate holder shall submit an annual report to the Department addressing the subjects listed in Condition 13.1.b. The Council Secretary and the certificate holder may, by mutual agreement, change the reporting date.
- iii. To the extent that information required by Condition 13.1.b is contained in reports the certificate holder submits to other state, federal or local agencies, the certificate holder may submit excerpts from such other reports to satisfy this rule. The Council reserves the right to request full copies of such excerpted reports.

[Final Order VII.4.a] [OAR 345-026-0080(1)]

b. In the annual report, the certificate holder shall include the following information for the calendar year preceding the date of the report:

- i. Facility Status: An overview of site conditions, the status of facilities under construction, and a summary of the operating experience of facilities that are in operation. In this section of the annual report, the certificate holder shall describe any unusual events, such as earthquakes, extraordinary windstorms, major accidents or the like that occurred during the year and that had a significant adverse impact on the facility.
- ii. Reliability and Efficiency of Power Production: For electric power plants, the plant availability and capacity factors for the reporting year. The certificate holder shall describe any equipment failures or plant breakdowns that had a significant impact on those factors and shall describe any actions taken to prevent the recurrence of such problems.
- iii. Status of Surety Information: Documentation demonstrating that bonds or letters of credit as described in the site certificate are in full force and effect and will remain in full force and effect for the term of the next reporting period.
- iv. Monitoring Report: A list and description of all significant monitoring and mitigation activities performed during the previous year in accordance with site certificate terms and conditions, a summary of the results of those activities and a discussion of any significant changes to any monitoring or

- mitigation program, including the reason for any such changes.
- v. Compliance Report: A description of all instances of noncompliance with a site certificate condition. For ease of review, the certificate holder shall, in this section of the report, use numbered subparagraphs corresponding to the applicable sections of the site certificate.
- vi. Facility Modification Report: A summary of changes to the facility that the certificate holder has determined do not require a site certificate amendment in accordance with OAR 345-027-0050.

[Final Order VII.4.b] [OAR 345-026-0080(b)]

- 13.2. The certificate holder and the Department of Energy shall exchange copies of all correspondence or summaries of correspondence related to compliance with statutes, rules and local ordinances on which the Council determined compliance, except for material withheld from public disclosure under state or federal law or under Council rules. The certificate holder may submit abstracts of reports in place of full reports; however, the certificate holder shall provide full copies of abstracted reports and any summarized correspondence at the request of the Department.

[Final Order VII.5] [OAR 345-026-0105]

- 13.3. The following general monitoring conditions apply:
- The certificate holder shall consult with affected state agencies, local governments and tribes and shall develop specific monitoring programs for impacts to resources protected by the standards of Divisions 22 and 24 of OAR Chapter 345 and resources addressed by applicable statutes, administrative rules and local ordinances. The certificate holder must submit the monitoring programs to the Department of Energy and receive Department approval before beginning construction of the facility, facility component or phase, as applicable, or, as appropriate, operation of the facility, facility component or phase, as applicable,.
  - The certificate holder shall implement the approved monitoring programs described in Condition 13.3.a and monitoring programs required by permitting agencies and local governments.
  - For each monitoring program described in Conditions 13.3.a and 13.3.b, the certificate holder shall have quality assurance measures approved by the Department before beginning construction of the facility, facility component or phase, as applicable, or, as appropriate, before beginning commercial operation of the facility, facility component or phase, as applicable.
  - If the certificate holder becomes aware of a significant environmental change or impact attributable to the facility, the certificate holder shall, as soon as possible, submit a written report to the Department describing the impact on the facility and any affected site certificate conditions.

[Final Order VII.2; AMD6] [Mandatory Condition OAR 345-025-0006 (6)]

## 14.0. RETIREMENT AND FINANCIAL ASSURANCE

14.1. Before beginning construction of the facility, facility component or phase, as applicable, the certificate holder shall submit to the State of Oregon through the Council a bond or letter of credit in the amount described herein naming the State of Oregon, acting by and through the Council, as beneficiary or payee. The initial bond or letter of credit amount is either \$ ~~12.019~~11.540 million (in 4<sup>th</sup>-2<sup>nd</sup> Quarter ~~2018-2023~~ dollars), to be adjusted to the date of issuance as described in (b), or the amount determined as described in Condition 14.1.a below. The certificate holder shall adjust the amount of the bond or letter of credit on an annual basis thereafter as described in Condition 14.1.b.

- a. The certificate holder may adjust the amount of the bond or letter of credit based on the final design configuration of the facility and turbine types selected, by applying the unit costs and general costs presented in Table 3 of the Final Order on Amendment 46. Any revision to the restoration costs should be adjusted to the date of issuance as described in Condition 14.1.b, and is subject to review and approval by the Department.
- b. The certificate holder shall adjust the amount of the bond or letter of credit, using the following calculation and subject to approval by the Department:
  - i. Adjust the Subtotal component of the bond or letter of credit amount (expressed in 4<sup>th</sup>-2<sup>nd</sup> Quarter ~~2018-2023~~ dollars) to present value, using the U.S. Gross Domestic Product Implicit Price Deflator, Chain-Weight, as published in the Oregon Department of Administrative Services “Oregon Economic and Revenue Forecast” or by any successor agency (the “Index”) and using the 4<sup>th</sup>-2<sup>nd</sup> Quarter ~~2018-2023~~ index value and the quarterly index value for the date of issuance of the new bond or letter of credit. If at any time the Index is no longer published, the Council shall select a comparable calculation to adjust 4<sup>th</sup>-2<sup>nd</sup> Quarter ~~2018-2023~~ dollars to present value.
  - ii. Add 1 percent of the adjusted Subtotal (i) for the adjusted performance bond amount to determine the adjusted Gross Cost.
  - iii. Add 10 percent of the adjusted Gross Cost (ii) for the adjusted administration and project management costs and 10 percent of the adjusted Gross Cost (ii) for the adjusted future developments contingency.
  - iv. Add the adjusted Gross Cost (ii) to the sum of the percentages (iii) and round the resulting total to the nearest \$1,000 to determine the adjusted financial assurance amount.
- c. The certificate holder shall use a form of bond or letter of credit approved by the Council.
- d. The certificate holder shall use an issuer of the bond or letter of credit approved by the Council.
- e. The certificate holder shall describe the status of the bond or letter of credit in the annual report submitted to the Council required by Condition 13.1.b.
- f. The bond or letter of credit shall not be subject to revocation or reduction before retirement of the facility site.

[Final Order IV.F.2.1; AMD4; AMD6] [Mandatory Condition OAR 345-025-0006 (8)]



- 1  
2 14.2. If the certificate holder elects to use a bond to meet the requirements of Condition 14.1,  
3 the certificate holder shall ensure that the surety is obligated to comply with the  
4 requirements of applicable statutes, Council rules and this site certificate when the  
5 surety exercises any legal or contractual right it may have to assume construction,  
6 operation or retirement of the energy facility. The certificate holder shall also ensure  
7 that the surety is obligated to notify the Council that it is exercising such rights and to  
8 obtain any Council approvals required by applicable statutes, Council rules and this site  
9 certificate before the surety commences any activity to complete construction, operate  
10 or retire the energy facility.  
11 [Final Order IV.F.2.2]  
12
- 13 14.3. The certificate holder shall prevent the development of any conditions on the site that  
14 would preclude restoration of the site to a useful, non-hazardous condition to the extent  
15 that prevention of such site conditions is within the control of the certificate holder.  
16 [Final Order IV.F.2.3] [Mandatory Condition OAR 345-025-0006 (7)]  
17
- 18 14.4. The certificate holder must retire the facility in accordance with a retirement plan  
19 approved by the Council if the certificate holder permanently ceases construction or  
20 operation of the facility. The retirement plan must describe the activities necessary to  
21 restore the site to a useful, non-hazardous condition, as described in OAR 345-027-  
22 0110(5). After Council approval of the plan, the certificate holder must obtain the  
23 necessary authorization from the appropriate regulatory agencies to proceed with  
24 restoration of the site.  
25 [Final Order IV.F.2.4] [Mandatory Condition OAR 345-025-0006 (9)]  
26
- 27 14.5. The certificate holder is obligated to retire the facility upon permanent cessation of  
28 construction or operation. If the Council finds that the certificate holder has  
29 permanently ceased construction or operation of the facility without retiring the facility  
30 according to a final retirement plan approved by the Council, as described in OAR 345-  
31 027-0110, the Council shall notify the certificate holder and request that the certificate  
32 holder submit a proposed final retirement plan to the Department within a reasonable  
33 time not to exceed 90 days. If the certificate holder does not submit a proposed final  
34 retirement plan by the specified date, the Council may direct the Department to prepare  
35 a proposed final retirement plan for the Council's approval.  
36 [Final Order IV.F.2.5] [Mandatory Condition OAR 345-025-0006 (16)]  
37
- 38 14.6. Upon the Council's approval of the final retirement plan, the Council may draw on the  
39 bond or letter of credit submitted per the requirements of Condition 6.1 to restore the  
40 site to a useful, non-hazardous condition according to the final retirement plan, in  
41 addition to any penalties the Council may impose under OAR Chapter 345, Division 29.  
42 If the amount of the bond or letter of credit is insufficient to pay the actual cost of  
43 retirement, the certificate holder shall pay any additional cost necessary to restore the  
44 site to a useful, non-hazardous condition. After completion of site restoration, the  
45 Council shall issue an order to terminate the site certificate if the Council finds that the  
46 facility has been retired according to the approved final retirement plan.



1 [Final Order IV.F.2.6] [Mandatory Condition OAR 345-025-0006 (16)]  
2

- 3 14.7. At least 90 days prior to beginning construction of the facility, facility component, or  
4 phase (unless otherwise agreed to by the Department), the certificate holder shall  
5 submit to the Department, a compliance plan that documents and demonstrates  
6 completed actions or actions to be completed (e.g. pre-construction surveys) to satisfy  
7 the requirements of all terms and conditions of the amended site certificate and  
8 applicable statutes and rules. The certificate holder shall implement the plan that  
9 verifies compliance with all site certificate terms and conditions and applicable statutes  
10 and rules. As a part of the compliance plan, to verify compliance with the requirement  
11 to begin construction by the date specified in the site certificate, the certificate holder  
12 shall report promptly to the Department of Energy when construction begins.  
13 Construction is defined in OAR 345-001-0010. In reporting the beginning of  
14 construction, the certificate holder shall describe all work on the site performed before  
15 beginning construction, including work performed before the Council issued the site  
16 certificate, and shall state the cost of that work. For the purpose of this exhibit, “work  
17 on the site” means any work within a site or corridor, other than surveying, exploration  
18 or other activities to define or characterize the site or corridor. The certificate holder  
19 shall document the compliance plan and maintain it for inspection by the Department or  
20 the Council.

21 [Final Order VII.3; AMD4; AMD6] [OAR 345-026-0048]  
22  
23

## 1 15.0. SUCCESSORS AND ASSIGNS

3 To transfer this amended site certificate or any portion thereof or to assign or dispose of it in any  
4 other manner, directly or indirectly, the certificate holder shall comply with OAR 345-027-0400.

## 6 16.0. SEVERABILITY AND CONSTRUCTION

8 If any provision of this agreement and amended site certificate is declared by a court to be illegal  
9 or in conflict with any law, the validity of the remaining terms and conditions shall not be  
10 affected, and the rights and obligations of the parties shall be construed and enforced as if the  
11 agreement and certificate did not contain the particular provision held to be invalid.

**17.0. GOVERNING LAW AND FORUM**

15 This amended site certificate shall be governed by the laws of the State of Oregon. Any litigation  
16 or arbitration arising out of this agreement shall be conducted in an appropriate forum in Oregon.

## 18.0. EXECUTION

20 This amended site certificate may be executed in counterparts and will become effective upon  
21 signature by the Chair of the Energy Facility Siting Council and the authorized representative of  
22 the certificate holder.

24 **IN WITNESS THEREOF**, this amended site certificate has been executed by the State of  
25 Oregon, acting by and through its Energy Facility Siting Council, and by Summit Ridge Wind,  
26 LLC.

28 Energy Facility Siting Council

Certificate Holder

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

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

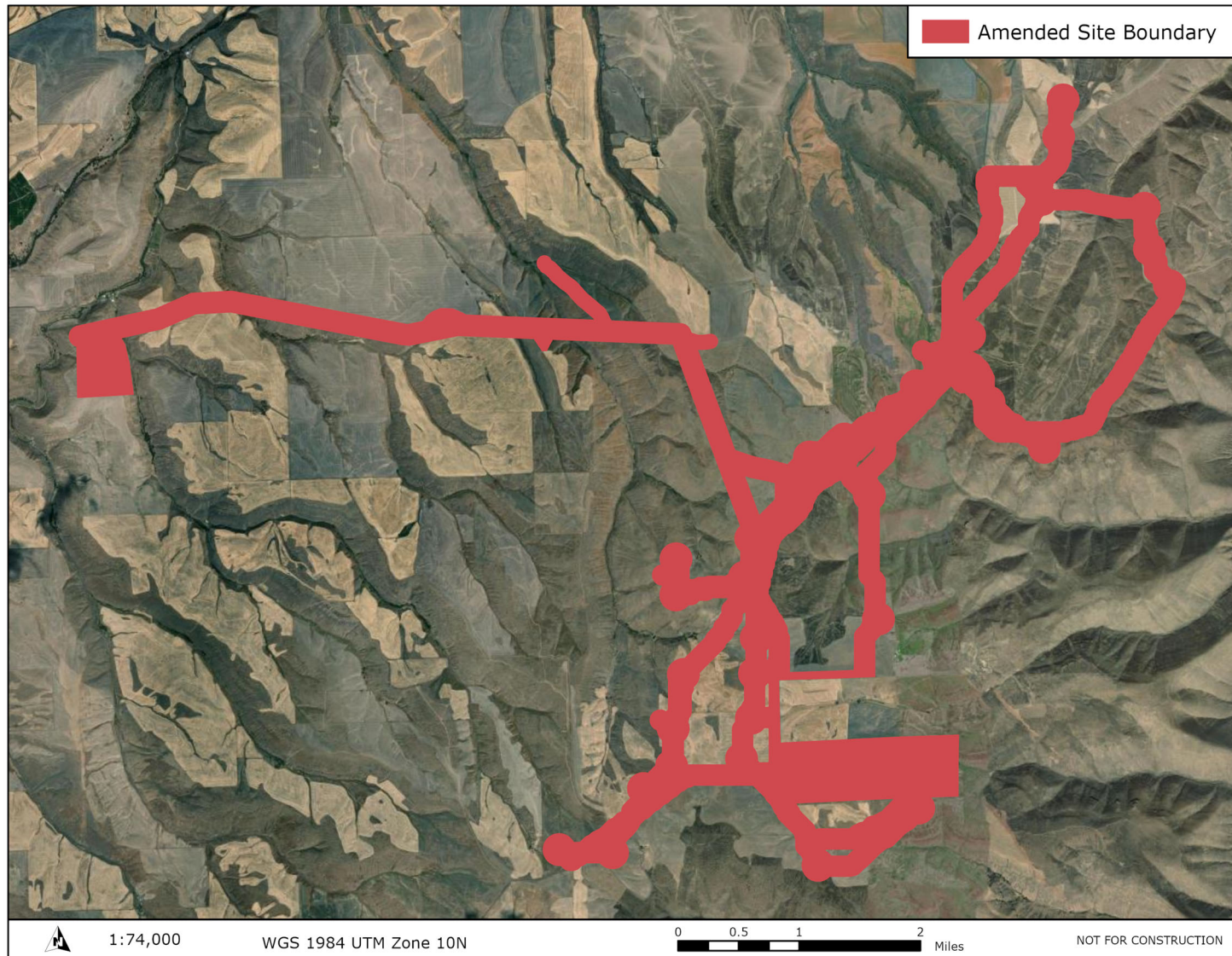
33 Marcia L. Grail, Chair  
34 Oregon Energy Facility Siting Council

Summit Ridge Wind, LLC

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

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

1 **Figure 1: Facility Site Boundary**



## **Attachment 3. Property Owner List**

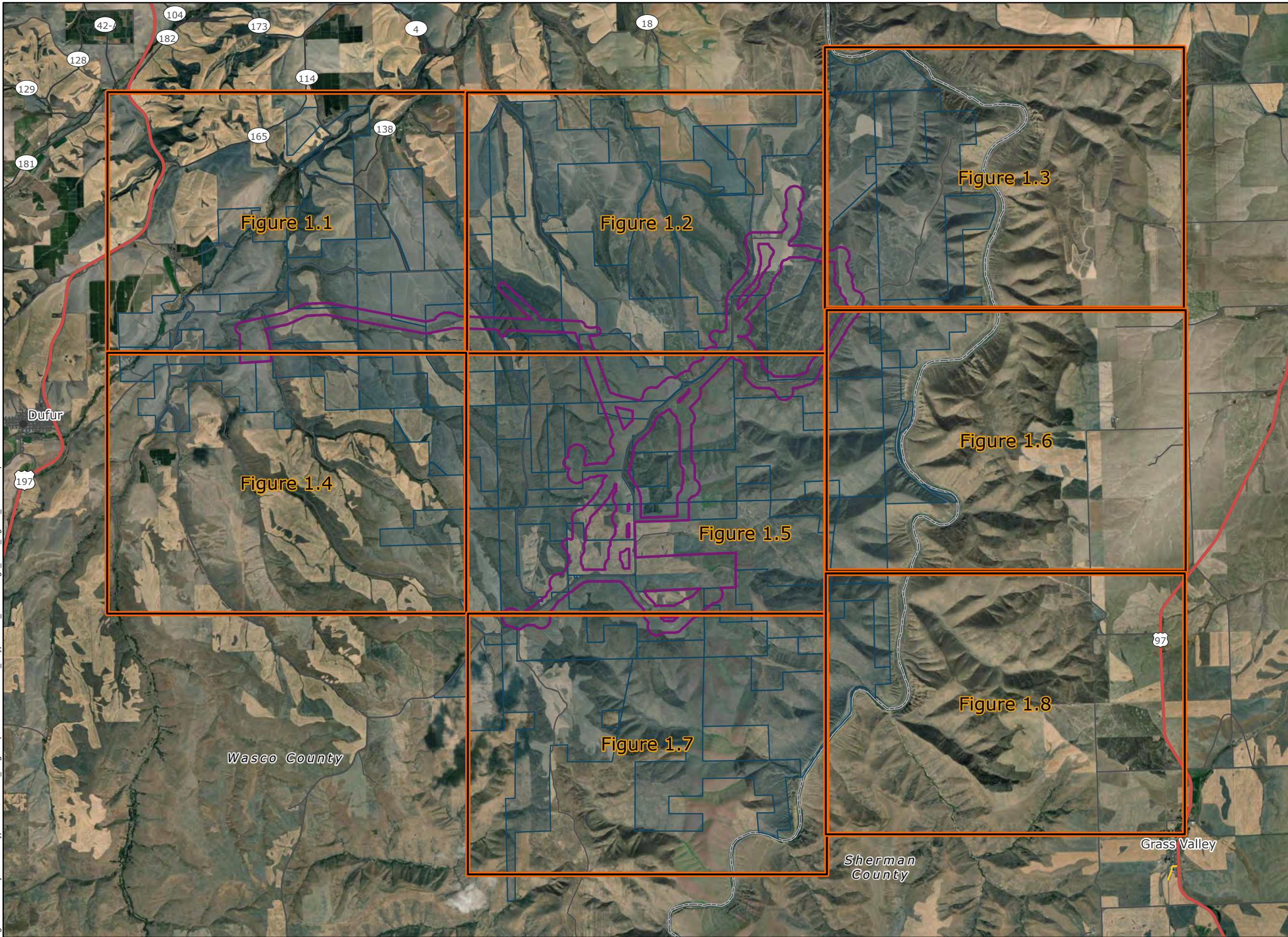
MapTaxlot	First Name	Last Name	Name 2	Company/Organization	C/O-Attn.	Address	City	State	Zip Code
1S 15E 0 2600				CLAUSEN JOHN F ET AL		83417 DUFUR VALLEY RD	DUFUR	Oregon	97021
1S 15E 0 2601	CARLETON L	CLAUSEN	PAMELA R			300 E SCENIC LN	THE DALLES	Oregon	97058
1S 15E 0 100				KORTGE BROTHERS LLC		5663 MILL CREEK RD	THE DALLES	Oregon	97058
1S 15E 0 1200				KELLY KIERAN & RITA LLC		2857 NE HAMBLET ST	PORTLAND	Oregon	97212-1657
1S 15E 0 1400	K C	KORTGE				1820 LIBERTY WAY	THE DALLES	Oregon	97058
1N 15E 0 4700				KORTGE BROTHERS LLC		5663 MILL CREEK RD	THE DALLES	Oregon	97058
1N 16E 0 200				KORTGE BROTHERS LLC		5663 MILL CREEK RD	THE DALLES	Oregon	97058
1S 14E 0 1900	COLTER L	BOLTON	LACEY J			996 LAUREL LN	OREGON CITY	Oregon	97045
1S 14E 0 200				KELLY KIERAN & RITA LLC		2857 NE HAMBLET ST	PORTLAND	Oregon	97212-1657
1S 14E 0 2000	JOHN F	CLAUSEN	PATRICIA R			83417 DUFUR VALLEY RD	DUFUR	Oregon	97021
1S 14E 0 2100				D P SCHANNO LLC		812 W 6TH ST	THE DALLES	Oregon	97058
1S 14E 0 2200				SCHANNO DELANEY P JR & DIXIE E TRUST		812 W 6TH ST	THE DALLES	Oregon	97058
1S 14E 0 2300	CARLETON	CLAUSEN	PAMELA R			300 E SCENIC LN	THE DALLES	Oregon	97058
1S 14E 0 2600				ADKISSON MERRIL M FAMILY TRUST		1000 VEY WAY #150	THE DALLES	Oregon	97058
1S 14E 0 2700	JOHN F	CLAUSEN	PATRICIA R			83417 DUFUR VALLEY RD	DUFUR	Oregon	97021
1S 14E 0 2900				ADKISSON MERRIL M FAMILY TRUST		1000 VEY WAY #150	THE DALLES	Oregon	97058
1S 14E 0 3000				KAYSER-LIMMEROTH LLC		13382 E 50TH ST	YUMA	Arizona	85367
1S 14E 0 3200	MARTIN A	UNDERHILL	B LA VELLE			PO BOX 266	DUFUR	Oregon	97021
1S 14E 0 3400	MARTIN A	UNDERHILL	B LA VELLE			PO BOX 266	DUFUR	Oregon	97021
1S 14E 0 3500	MARTIN A RLT	UNDERHILL				PO BOX 266	DUFUR	Oregon	97021
1S 14E 0 3600	ANNA S	BOLTON				5670 SW BUCKWHEAT AVE	CORVALLIS	Oregon	97333
1S 14E 0 3800	ANNA S	BOLTON				5670 SW BUCKWHEAT AVE	CORVALLIS	Oregon	97333
1S 14E 0 3900	CARLETON	CLAUSEN	PAMELA			300 E SCENIC LN	THE DALLES	Oregon	97058
1S 14E 0 4000	CARLETON	CLAUSEN	PAMELA R			300 E SCENIC LN	THE DALLES	Oregon	97058
1S 14E 0 4100	JOHN W	MC MANIGAL	MARLENE			63470 CENTER RIDGE RD	DUFUR	Oregon	97021
1S 15E 0 1600 U01	GARY R	VAN ORMAN				6857 ROBERTS MARKET RD	THE DALLES	Oregon	97058
1S 15E 0 1700	WILLIAM E	HAMMEL				7075 FIFTEEN MILE RD	THE DALLES	Oregon	97058
1S 15E 0 1800	WILLIAM E	HAMMEL				7075 FIFTEEN MILE RD	THE DALLES	Oregon	97058
1S 15E 0 1900				UNITED STATES OF AMERICA		3050 NE 3RD ST	PRINEVILLE	Oregon	97754
1S 15E 0 200				KORTGE RANCHES LLC		5215 EMERSON LOOP RD	THE DALLES	Oregon	97058
1S 15E 0 2000				KORTGE RANCHES LLC		5215 EMERSON LOOP RD	THE DALLES	Oregon	97058
1S 15E 0 2100	CARLETON	CLAUSEN	PAMELA			300 E SCENIC LN	THE DALLES	Oregon	97058
1S 15E 0 2200	CARLETON	CLAUSEN	PAMELA			300 E SCENIC LN	THE DALLES	Oregon	97058
1S 15E 0 2300	MARTIN A	UNDERHILL	B LA VELLE			PO BOX 266	DUFUR	Oregon	97021
1S 15E 0 2400				KELLY KIERAN & RITA LLC		2857 NE HAMBLET ST	PORTLAND	Oregon	97212-1657
1S 15E 0 2500	DAWN A RLT	KELLY				10701 SE EVERGREEN	VANCOUVER	Washing ton	98664
1S 15E 0 2700	STANLEY H	ASHBROOK				75 HEIMRICH ST	DUFUR	Oregon	97021

MapTaxlot	First Name	Last Name	Name 2	Company/Organization	C/O-Attn.	Address	City	State	Zip Code
1S 15E 0 2800	CARLETON	CLAUSEN	PAMELA R			300 E SCENIC LN	THE DALLES	Oregon	97058
1S 15E 0 2900	CARLETON	CLAUSEN	PAMELA R			300 E SCENIC LN	THE DALLES	Oregon	97058
1S 15E 0 3000	JOHN F	CLAUSEN	PATRICIA R			83417 DUFUR VALLEY RD	DUFUR	Oregon	97021
1S 15E 0 3100	JOHN F	CLAUSEN	PATRICIA R			83417 DUFUR VALLEY RD	DUFUR	Oregon	97021
1S 15E 0 3200				CLAUSEN JOHN F ET AL		83417 DUFUR VALLEY RD	DUFUR	Oregon	97021
1S 15E 0 3300				UNITED STATES OF AMERICA		3050 NE 3RD ST	PRINEVILLE	Oregon	97754
1S 15E 0 3400				UNITED STATES OF AMERICA		3050 NE 3RD ST	PRINEVILLE	Oregon	97754
1S 15E 0 3500	ROBERT K	HAMMEL	NANCY J			62250 TYGH RIDGE RD	DUFUR	Oregon	97021
1S 15E 0 3600	JOHN F	CLAUSEN				83417 DUFUR VALLEY RD	DUFUR	Oregon	97021
1S 15E 0 3700				CLAUSEN JOHN ET AL		83417 DUFUR VALLEY RD	DUFUR	Oregon	97021
1S 15E 0 3800	ROBERT K	HAMMEL	NANCY J			62250 TYGH RIDGE RD	DUFUR	Oregon	97021
1S 15E 0 3900	CARLETON L	CLAUSEN	PAMELA R			300 E SCENIC LN	THE DALLES	Oregon	97058
1S 15E 0 600	JAMES Q	JOHNSON				1415 HERMITS WAY	THE DALLES	Oregon	97058
1S 15E 0 900				FULTON GARD & MAXINE LLC		9737 SW LYNWOOD TERRACE	PORTLAND	Oregon	97225
1S 16E 0 1300				UNITED STATES OF AMERICA		3050 NE 3RD ST	PRINEVILLE	Oregon	97754
1S 16E 0 1800	WILLIAM E	HAMMEL				7075 FIFTEEN MILE RD	THE DALLES	Oregon	97058
1S 16E 0 2200				UNITED STATES OF AMERICA		3050 NE 3RD ST	PRINEVILLE	Oregon	97754
1S 16E 0 400				UNITED STATES OF AMERICA		3050 NE 3RD ST	PRINEVILLE	Oregon	97754
1S 16E 0 500				KORTGE BROTHERS LLC		5663 MILL CREEK RD	THE DALLES	Oregon	97058
1S 16E 0 600	WILLIAM E	HAMMEL				7075 FIFTEEN MILE RD	THE DALLES	Oregon	97058
2S 14E 0 100	JOHN W	MC MANIGAL	MARLENE			63470 CENTER RIDGE RD	DUFUR	Oregon	97021
2S 14E 0 1800	CARLETON L	CLAUSEN	PAMELA R			300 E SCENIC LN	THE DALLES	Oregon	97058
2S 15E 0 100				UNITED STATES OF AMERICA		3050 NE 3RD ST	PRINEVILLE	Oregon	97754
2S 15E 0 1000	RONA J	FRANK				235 W TIETAN ST	WALLA WALLA	Washing ton	99362
2S 15E 0 1100	RONA J	FRANK				235 W TIETAN ST	WALLA WALLA	Washing ton	99362
2S 15E 0 1200	RONA J	FRANK				235 W TIETAN ST	WALLA WALLA	Washing ton	99362
2S 15E 0 1300	ROBERT K	HAMMEL	NANCY J			62250 TYGH RIDGE RD	DUFUR	Oregon	97021
2S 15E 0 1400	RONA J	FRANK				235 W TIETAN ST	WALLA WALLA	Washing ton	99362
2S 15E 0 1500	WILLIAM E	HAMMEL				7075 FIFTEEN MILE RD	THE DALLES	Oregon	97058
2S 15E 0 1600				STATE OF OREGON		4034 FAIRVIEW INDUSTRIAL DR SE	SALEM	Oregon	97302
2S 15E 0 1900				UNITED STATES OF AMERICA		3050 NE 3RD ST	PRINEVILLE	Oregon	97754
2S 15E 0 200				CLAUSEN JOHN F ET AL		83417 DUFUR VALLEY RD	DUFUR	Oregon	97021
2S 15E 0 2000	RONA J	FRANK				235 W TIETAN ST	WALLA WALLA	Washing ton	99362
2S 15E 0 2100				UNITED STATES OF AMERICA		3050 NE 3RD ST	PRINEVILLE	Oregon	97754
2S 15E 0 2200	WILLIAM E	HAMMEL	BARBARA K			7075 FIFTEEN MILE RD	THE DALLES	Oregon	97058
2S 15E 0 300				R N RANCHES LLC		PO BOX 1370	KENWOOD	Californi a	95452
2S 15E 0 400	ROBERT K	HAMMEL	NANCY J			62250 TYGH RIDGE RD	DUFUR	Oregon	97021

MapTaxlot	First Name	Last Name	Name 2	Company/Organization	C/O-Attn.	Address	City	State	Zip Code
2S 15E 0 500				CLAUSEN JOHN F ET AL		83417 DUFUR VALLEY RD	DUFUR	Oregon	97021
2S 15E 0 600	CARLETON L	CLAUSEN	PAMELA R			300 E SCENIC LN	THE DALLES	Oregon	97058
2S 15E 0 700	RONA J	FRANK				235 W TIETAN ST	WALLA WALLA	Washing ton	99362
2S 15E 0 800	CARLETON L	CLAUSEN	PAMELA R			300 E SCENIC LN	THE DALLES	Oregon	97058
2S 15E 0 900	JOHN W	MC MANIGAL	MARLENE			63470 CENTER RIDGE RD	DUFUR	Oregon	97021
1S 14E 0 600				D P SCHANNO LLC		812 W 6TH ST	THE DALLES	Oregon	97058
1S 14E 0 3300				STATE HIGHWAY COMMISSION		4040 FAIRVIEW INDUSTRIAL DR SE MS #2	SALEM	Oregon	97302- 1142
1S 14E 0 2500	CARLETON L	CLAUSEN	PAMELA R			300 E SCENIC LN	THE DALLES	Oregon	97058
1S 14E 0 2400	JOHN F	CLAUSEN				83417 DUFUR VALLEY RD	DUFUR	Oregon	97021
2S 15E 0 1700				UNITED STATES OF AMERICA		3050 NE 3RD ST	PRINEVILLE	Oregon	97754
1S 15E 0 1500	JOHN F	CLAUSEN	PATRICIA R			83417 DUFUR VALLEY RD	DUFUR	Oregon	97021
1S 15E 0 1100				KORTGE RANCHES LLC		5215 EMERSON LOOP RD	THE DALLES	Oregon	97058



\\css706g\ists\1\ICES\Projects\PD\X\AypaPower\Summit\_Ridge\Maps\RFAG\Attachment\_3\AypaPower\_SummitRidge\_RFAG\_Figure1\_20230817.aprx



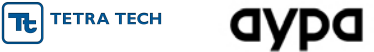
**Summit Ridge  
Wind Farm**

Attachment 3  
Figure 1  
Tax Lot Boundaries  
Index Map

**WASCO COUNTY, OR**

- Map Grid
- Amended Site Boundary
- US Highway
- State Highway
- County Highway
- Local Roads
- City/Town
- County Boundary
- Tax Lot Boundary\*

\*Tax lot boundary data  
updated from Wasco County  
on August 17, 2023

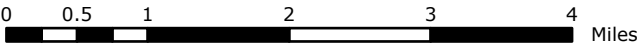


**Reference Map**



1:86,000

WGS 1984 UTM Zone 10N



NOT FOR CONSTRUCTION






\\css706g\ss1\ICES\Projects\PD\A\ypaPower\Summit\_Ridge\Maps\RFAs\Attachment\_3\AypaPower\_SummitRidge\_RFA6\_Figure1\_20230817.aprx



**Summit Ridge  
Wind Farm**

Attachment 3  
Figure 1.1  
Tax Lot Boundaries Within  
500ft of a Tax Lot that  
includes Site Boundary

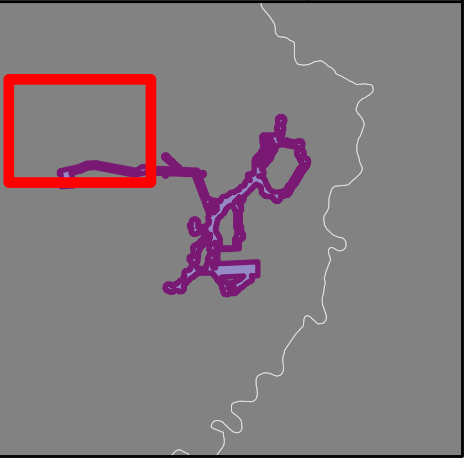
**WASCO COUNTY, OR**

-  Amended Site Boundary
-  County Boundary
-  Tax Lot Boundary\*

\*Tax lot boundary data  
updated from Wasco County  
on August 17, 2023

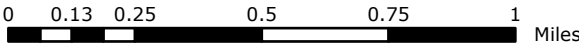


Reference Map



1:24,000

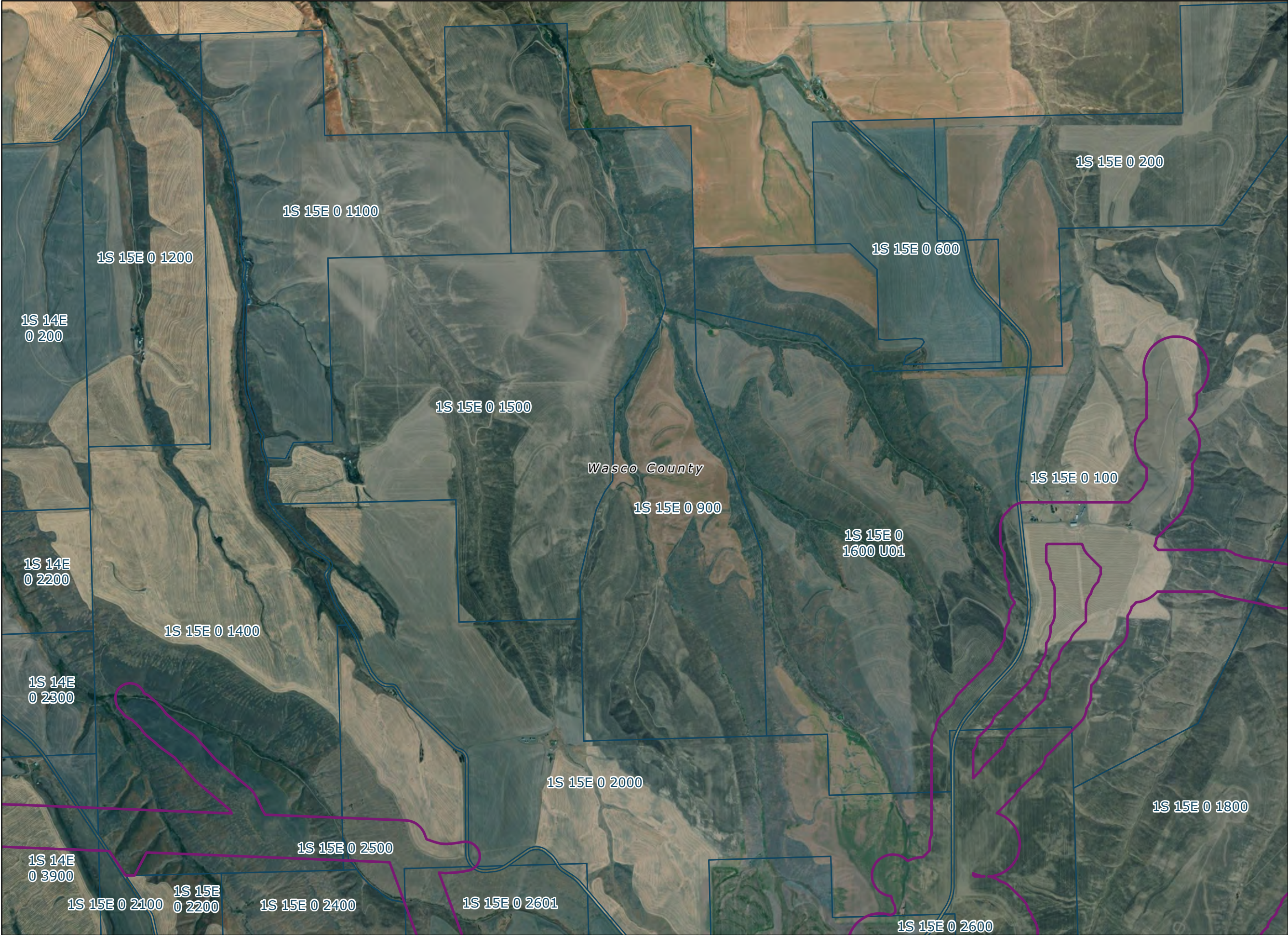
WGS 1984 UTM Zone 10N



NOT FOR CONSTRUCTION



\\css706g\ists\ICES\Projects\PD\X\AypaPower\Summit\_Ridge\Maps\RFAG\Attachment\_3\AypaPower\_SummitRidge\_RFAG\_Figure1\_20230817.aprx



# Summit Ridge Wind Farm

Attachment 3  
Figure 1.2  
Tax Lot Boundaries Within  
500ft of a Tax Lot that  
includes Site Boundary

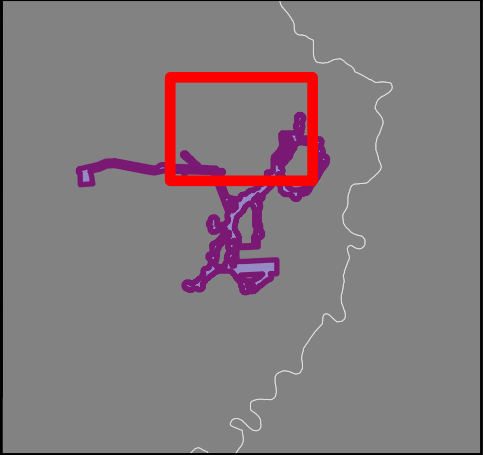
WASCO COUNTY, OR

- Amended Site Boundary
- County Boundary
- Tax Lot Boundary\*

\*Tax lot boundary data  
updated from Wasco County  
on August 17, 2023

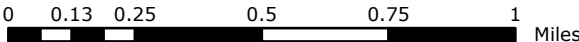


Reference Map



1:24,000

WGS 1984 UTM Zone 10N



NOT FOR CONSTRUCTION



\\css706g\jst\1\CES\Projects\PD\AypaPower\Summit\_Ridge\Maps\RFAG\Attachment\_3\AypaPower\_SummitRidge\_RFAG\_Figure1\_20230817.aprx



**Summit Ridge  
Wind Farm**

Attachment 3  
Figure 1.3  
Tax Lot Boundaries Within  
500ft of a Tax Lot that  
includes Site Boundary

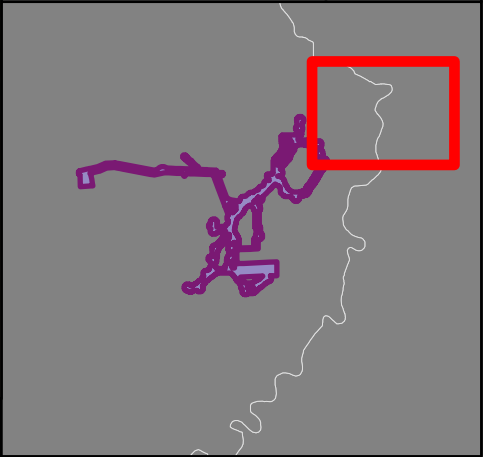
**WASCO COUNTY, OR**

- Amended Site Boundary
- County Boundary
- Tax Lot Boundary\*

\*Tax lot boundary data  
updated from Wasco County  
on August 17, 2023

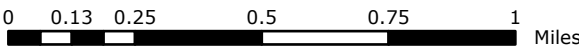


Reference Map



1:24,000

WGS 1984 UTM Zone 10N



NOT FOR CONSTRUCTION






\\css706g\jst\1\ICES\Projects\PD\A\ypaPower\Summit\_Ridge\Maps\RFA6\Attachment\_3\AypaPower\_Summit\_Ridge\_Figure1\_20230817.aprx



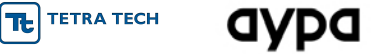
**Summit Ridge  
Wind Farm**

Attachment 3  
Figure 1.4  
Tax Lot Boundaries Within  
500ft of a Tax Lot that  
includes Site Boundary

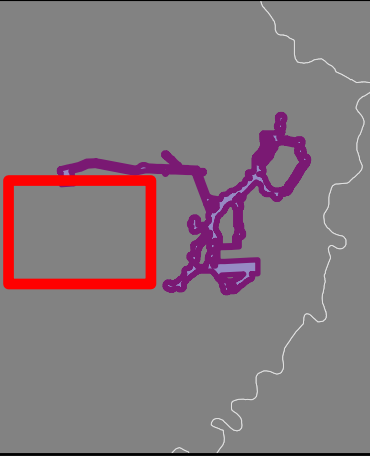
**WASCO COUNTY, OR**

-  Amended Site Boundary
-  County Boundary
-  Tax Lot Boundary\*

\*Tax lot boundary data  
updated from Wasco County  
on August 17, 2023

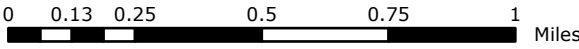


Reference Map



1:24,000

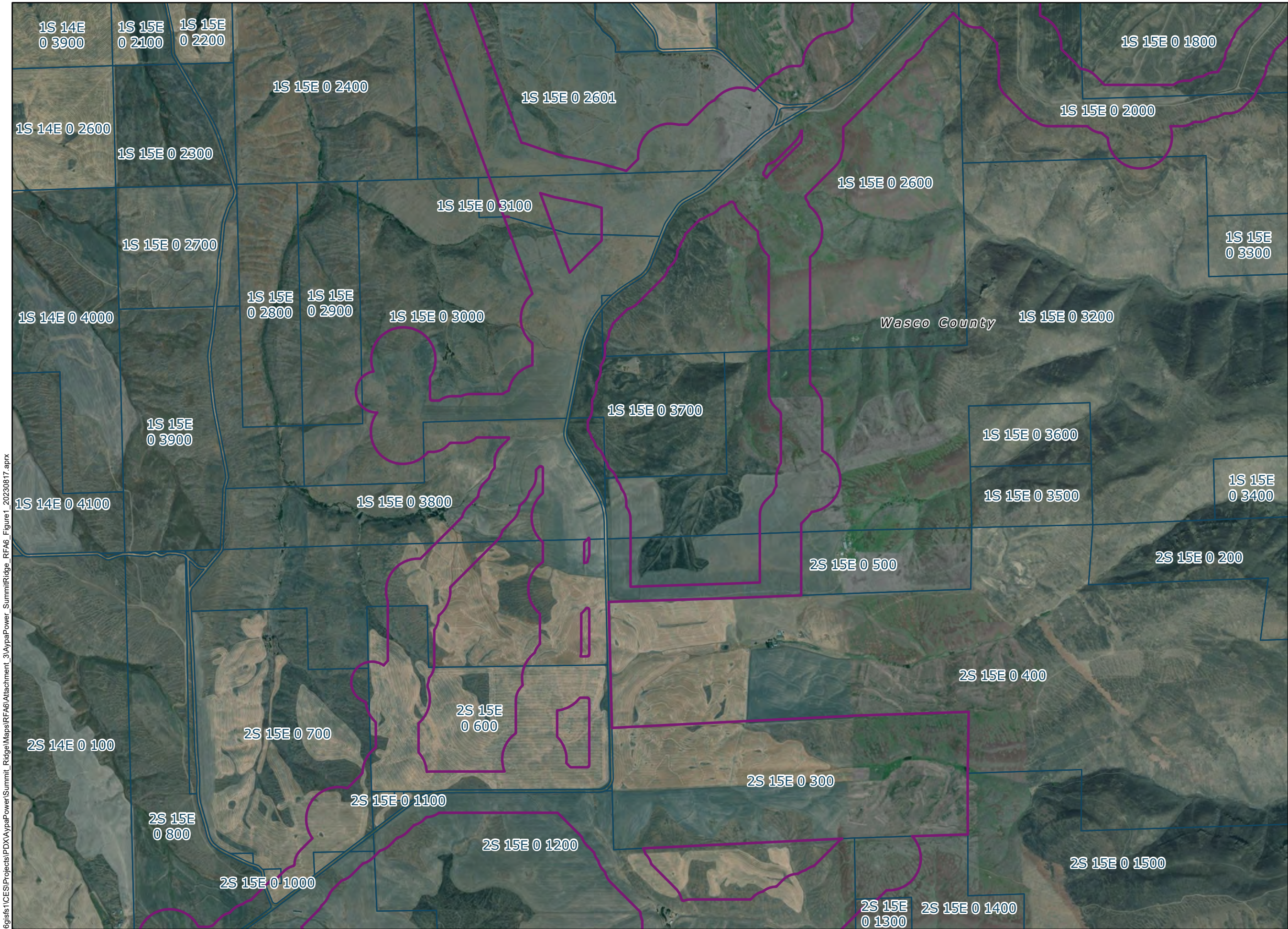
WGS 1984 UTM Zone 10N



NOT FOR CONSTRUCTION



\\css706g\ists\ICES\Projects\PD\X\AypaPower\Summit\_Ridge\Maps\RFAs\Attachment\_3\AypaPower\_SummitRidge\_RFA6\_Figure1\_20230817.aprx



**Summit Ridge  
Wind Farm**

Attachment 3  
Figure 1.5  
Tax Lot Boundaries Within  
500ft of a Tax Lot that  
includes Site Boundary

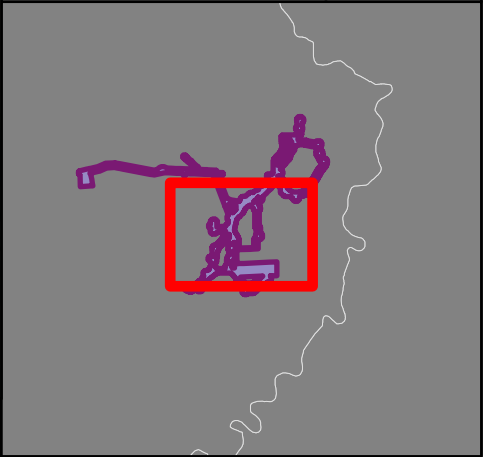
**WASCO COUNTY, OR**

- Amended Site Boundary
- County Boundary
- Tax Lot Boundary\*

\*Tax lot boundary data  
updated from Wasco County  
on August 17, 2023

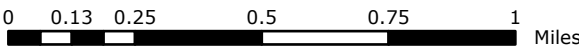


Reference Map



1:24,000

WGS 1984 UTM Zone 10N



NOT FOR CONSTRUCTION






\\css706g\jst\1\ICES\Projects\PD\A\ypaPower\Summit\_Ridge\Maps\RFAG\Attachment\_3\AypaPower\_SummitRidge\_RFAG\_Figure1\_20230817.aprx



# Summit Ridge Wind Farm

Attachment 3  
Figure 1.6  
Tax Lot Boundaries Within  
500ft of a Tax Lot that  
includes Site Boundary

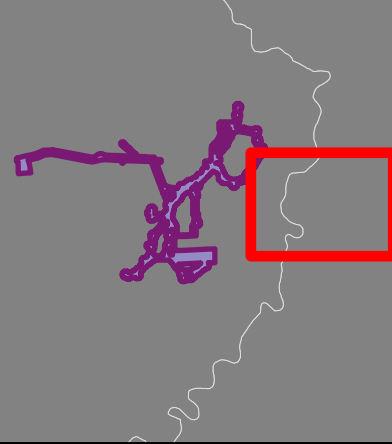
WASCO COUNTY, OR

-  Amended Site Boundary
-  County Boundary
-  Tax Lot Boundary\*

\*Tax lot boundary data  
updated from Wasco County  
on August 17, 2023

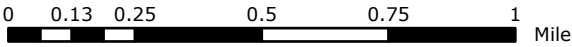


Reference Map



1:24,000

WGS 1984 UTM Zone 10N



NOT FOR CONSTRUCTION



\\css706g\ists\1\ICES\Projects\PD\A\ypaPower\Summit\_Ridge\Maps\RFA6\Attachment\_3\AypaPower\_Summit\_Ridge\_RFA6\Figure1\_20230817.aprx



# Summit Ridge Wind Farm

Attachment 3  
Figure 1.7  
Tax Lot Boundaries Within  
500ft of a Tax Lot that  
includes Site Boundary

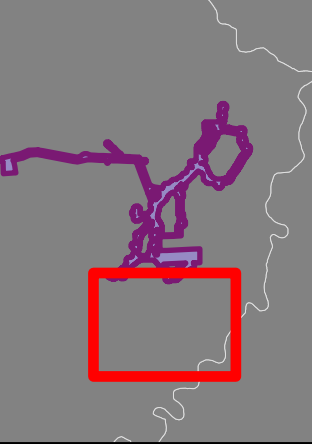
WASCO COUNTY, OR

- Amended Site Boundary
- County Boundary
- Tax Lot Boundary\*

\*Tax lot boundary data  
updated from Wasco County  
on August 17, 2023

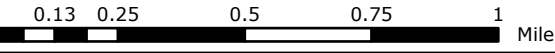


Reference Map



1:24,000

WGS 1984 UTM Zone 10N



NOT FOR CONSTRUCTION



\\css706g\jst\1\ICES\Projects\PD\X\AypaPower\Summit\_Ridge\Maps\RFA6\Attachment\_3\AypaPower\_SummitRidge\_RFA6\_Figure1\_20230817.aprx



**Summit Ridge  
Wind Farm**

Attachment 3  
Figure 1.8  
Tax Lot Boundaries Within  
500ft of a Tax Lot that  
includes Site Boundary

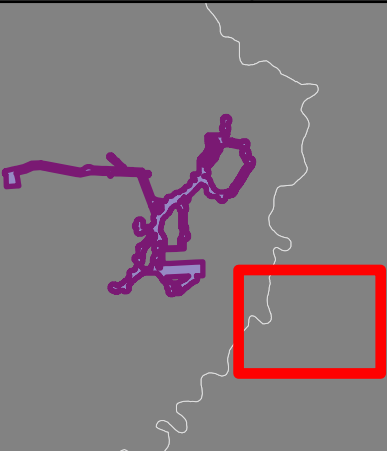
**WASCO COUNTY, OR**

- City/Town
- ▭ County Boundary
- ▭ Tax Lot Boundary\*

\*Tax lot boundary data  
updated from Wasco County  
on August 17, 2023

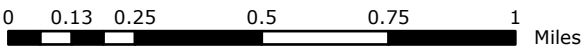


Reference Map



1:24,000

WGS 1984 UTM Zone 10N



NOT FOR CONSTRUCTION

Grass Valley