

**ENERGY FACILITY SITING COUNCIL
OF THE
STATE OF OREGON**

**Third Amended Site Certificate
for the
Leaning Juniper IIA Wind Power Facility**

ISSUANCE DATES:

Site Certificate	September 21, 2007
First Amended Site Certificate	November 20, 2009
Second Amended Site Certificate	June 21, 2013
Third Amended Site Certificate	June 12, 2024

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Figure 1: Facility Site/Site Boundary

Figure 2: Facility Repower Corridor (Southwestern Portion)

Figure 3: Facility Repower Corridor (Northeastern Portion)

The Oregon Energy Facility Siting Council
THIRD AMENDED SITE CERTIFICATE
FOR THE LEANING JUNIPER IIA WIND POWER FACILITY

I. INTRODUCTION

1
2 The Oregon Energy Facility Siting Council (Council) issues this site certificate for the
3 Leaning Juniper IIA Wind Power Facility (the facility) in the manner authorized under ORS
4 Chapter 469. This site certificate is a binding agreement between the State of Oregon (State),
5 acting through the Council, and Leaning Juniper Wind Power II, LLC (certificate holder)
6 authorizing the certificate holder to construct and operate the facility in Gilliam County,
7 Oregon.

8 The findings of fact, reasoning and conclusions of law underlying the terms and
9 conditions of this site certificate are set forth in the following documents, incorporated herein
10 by this reference: (a) the Council's *Final Order on the Application* for the facility issued on
11 September 21, 2007; (b) the Council's *Final Order on Amendment 1 for LJF* issued on November
12 20, 2009; (c) the Council's *Final Order on Amendment 2 for LJF* issued on June 20, 2013; and (d)
13 the Council's *Final Order on Amendment 3 for LJIIA* issued on June 12, 2024. In interpreting this
14 site certificate, any ambiguity will be clarified by reference to the following, in order of priority:
15 (1) this Third Amended Site Certificate, (2) the *Final Order on Amendment 3 for LJIIA*, (3) the
16 *Final Order on Amendment 2 for LJF*, (4) the *Final Order on Amendment 1 for LJF*, (5) the *Final*
17 *Order on the Application for LJF* and (6) the record of the proceedings that led to the Final
18 Orders on the Application and Amendments 1, 2 and 3.

19 The definitions in ORS 469.300 and OAR 345-001-0010 apply to terms used in this site
20 certificate, except where otherwise stated or where the context clearly indicates otherwise.
21

II. SITE CERTIFICATION

- 22
- 23 1. To the extent authorized by state law and subject to the conditions set forth herein, the
24 State authorizes the certificate holder to construct, operate and retire a wind energy
25 facility, together with certain related or supporting facilities, at the site in Gilliam County,
26 Oregon, as described in Section III of this site certificate. ORS 469.401(1).
27
 - 28 2. This site certificate is effective until it is terminated under OAR 345-027-0110 or the rules in
29 effect on the date that termination is sought or until the site certificate is revoked under
30 ORS 469.440 and OAR 345-029-0100 or the statutes and rules in effect on the date that
31 revocation is ordered. ORS 469.401(1).
32
 - 33 3. This site certificate does not address, and is not binding with respect to, matters that were
34 not addressed in the Council's Final Orders on the Application and Amendment #1, #2 and
35 #3 for LJIIA. Such matters include, but are not limited to: building code compliance, wage,
36 hour and other labor regulations, local government fees and charges and other design or
37 operational issues that do not relate to siting the facility (ORS 469.401(4)) and permits

1 issued under statutes and rules for which the decision on compliance has been delegated by
2 the federal government to a state agency other than the Council. 469.503(3). [AMD1, 2 and 3]
3

- 4 4. Both the State and the certificate holder shall abide by local ordinances, state law and the
5 rules of the Council in effect on the date this site certificate is executed. ORS 469.401(2). In
6 addition, upon a clear showing of a significant threat to public health, safety or the
7 environment that requires application of later-adopted laws or rules, the Council may
8 require compliance with such later-adopted laws or rules. ORS 469.401(2).
9
- 10 5. For a permit, license or other approval addressed in and governed by this site certificate,
11 the certificate holder shall comply with applicable state and federal laws adopted in the
12 future to the extent that such compliance is required under the respective state agency
13 statutes and rules. ORS 469.401(2).
14
- 15 6. Subject to the conditions herein, this site certificate binds the State and all counties, cities
16 and political subdivisions in Oregon as to the approval of the site and the construction,
17 operation and retirement of the facility as to matters that are addressed in and governed by
18 this site certificate. ORS 469.401(3).
19
- 20 7. Each affected state agency, county, city and political subdivision in Oregon with authority to
21 issue a permit, license or other approval addressed in or governed by this site certificate
22 shall, upon submission of the proper application and payment of the proper fees, but
23 without hearings or other proceedings, issue such permit, license or other approval subject
24 only to conditions set forth in this site certificate. ORS 469.401(3).
25
- 26 8. After issuance of this site certificate, each state agency or local government agency that
27 issues a permit, license or other approval for the facility shall continue to exercise
28 enforcement authority over such permit, license or other approval. ORS 469.401(3).
29
- 30 9. After issuance of this site certificate, the Council shall have continuing authority over the
31 site and may inspect, or direct the Oregon Department of Energy (Department) to inspect,
32 or request another state agency or local government to inspect, the site at any time in order
33 to ensure that the facility is being operated consistently with the terms and conditions of
34 this site certificate. ORS 469.430.
35

36 **III. DESCRIPTION**

37 **1. The Facility**

38 **(a) The Energy Facility**

39 The energy facility is an operating electric power generating plant with an average electric
40 generating capacity of approximately 41 megawatts (MW) and a peak generating capacity of

1 98.4 MW that produces power from wind energy. The facility consists of 40 wind turbines,
2 including four 2.1 MW Suzlon S88 wind turbines and 36 2.5 MW Suzlon S88 wind turbines with
3 GE generating components.¹
4

5 Suzlon S88 wind turbines with GE generating components (repowered turbines) shall be
6 designed and constructed to include foundation retrofits of a concrete ring around the pedestal
7 or by adding a fiber-reinforced polymer wrap around the entire vertical face of the pedestal.
8

9
(b) Related or Supporting Facilities

10 The facility includes the following related or supporting facilities described below and in greater
11 detail in the Final Order on Amendment #2 and #3 for LJIIA:

- 12 • Power collection system
- 13 • Substation and interconnection system
- 14 • Meteorological towers
- 15 • Operations and maintenance facilities
- 16 • Control system
- 17 • Access roads

18
19 **Power Collection System**

20
21 The facility includes two 34.5 kilovolt (kV) underground collector lines. The lines extend
22 approximately 19-miles and are located approximately 3 feet below ground surface. [AMD3]
23

24 **Substation and Interconnection System**

25
26 The facility includes a substation located near the Bonneville Power Administration (BPA) Jones
27 Canyon Switching Station. An aboveground transmission line carries the power from the
28 substation to a BPA switching station and an interconnection with the regional transmission
29 grid through BPA’s McNary-Santiam 230-kV transmission line. [AMD2]
30

31 **Meteorological Towers**

32
33 The facility includes two permanent meteorological (met) towers. The met towers are non-
34 guyed steel towers approximately 80 meters in height. [AMD2]
35

36 **Operations and Maintenance Facilities**

37

¹ Reference to the turbine model and megawatt capacity shall not be binding. Future changes to turbines are authorized subject to compliance with the maximum number of turbines and blade tip height limitations, as referenced in Condition 27.

1 The facility includes one operations and maintenance (O&M) building with approximately
2 2.0 acres of fenced, graveled parking and storage area. [AMD2]

3
4 **Control System**
5

6 A fiber optic communications network links the wind turbines to a central computer at the
7 O&M buildings. A “supervisory, control and data acquisition” (SCADA) system collects operating
8 and performance data from each wind turbine and from the project as a whole and allows
9 remote operation of the wind turbines.

10
11 **Access Roads**
12

13 The facility includes approximately 3 miles of 15-foot wide access roads to provide access to the
14 turbine strings.
15

16 **(c) Site Boundary, Micrositing Areas and Disturbance Limits**

17 The site boundary is approximately 6,404 acres, as presented in Attachment 1 Figure 1²

18
19 The facility micrositing corridors for wind turbines and related or supporting facilities are
20 described in the *Final Order on ASC*, Attachment D.³ Corridor widths vary from 400 feet for
21 roads connecting turbine strings, to up to 2,640 feet for a road and collector line corridor in the
22 northeastern portion of the facility.⁴

23
24 The facility repower micrositing corridor includes 1,564 acres and is located within the larger
25 micrositing corridor. Temporary disturbance areas shall be limited, per facility
26 component/repower action, as presented in Table 2. The location of the facility repower
27 micrositing corridor is presented in Attachment 1, Figures 2 and 3
28

Table 1: Facility Repower Disturbance Limits

Component	Temporary Disturbance
Turbine Pads	275 feet (radius)
Spur Road	85 feet (width)
String Road	85 feet (width)
Collector Line	75 feet (width)

² OAR 345-001-0010(31) defines “site boundary” as “the perimeter of the site of a proposed energy facility, its related or supporting facilities, all temporary laydown and staging areas and all corridors and micrositing corridors proposed by the applicant.”

³ LJWAPPDoc125-4 LJW Final Order Att D.

⁴ OAR 345-001-0010(21) defines micrositing corridor as, “a continuous area of land within which construction of facility components may occur, subject to site certificate conditions.”

Table 1: Facility Repower Disturbance Limits

Component	Temporary Disturbance
Laydown Areas	22.8 acres
Crane Paths	100 feet (width)
Source: LJIIAAMD3Doc7 Complete RFA_2024-02-14, Section 2.7 and Table 2-2.	

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2. Location of the Facility

The facility is located within an approximately 6,404 acre site boundary, southwest of Arlington, in Gilliam County, Oregon. The site is in Townships 1 and 3 North and Ranges 20 and 21 East. The facility is located on land subject to lease agreements with landowners. [AMD2]

IV. FACILITY REPOWER CONDITIONS

The conditions in Section IV in this Site Certificate are organized by phase, intended to align with the phases of repower development (pre-repower, during repower and post-repower.

(a) Pre-Repower Conditions

Organizational Expertise Condition 105: Prior to the facility repower, as applicable, the certificate holder shall identify any necessary permits normally governed by the site certificate for which it plans to obtain via a third-party contractor. Certificate holder shall demonstrate that third-party permits are obtained prior to actions regulated under the associated permit(s).
[AMD3]

Soil Protection Condition 106: Prior to the facility repower, the certificate holder shall submit to the Department an ODEQ-issued NPDES 1200-C General Construction Permit and Erosion Sediment Control Plan (ESCP).
[AMD3]

Soil Protection Condition 107: Prior to the facility repower, the certificate holder shall collect the data described in Sections 1.1 and 1.2 of the Soil Monitoring Plan as provided in Final Order on Amendment 3 (Attachment C). Results shall be reported to the Department.
[AMD3]

Retirement and Financial Assurance Condition 108: Prior to the facility repower, the certificate holder shall submit to the State of Oregon through the Council a bond or letter of credit rider in the amount described herein naming the State of Oregon, acting by and through the Council, as beneficiary or payee. The bond or letter of credit amount is \$7.9

1 million (in 2023 dollars), adjusted to the date of issuance as described in (b), or the
2 amount determined as described in (a).

- 3 (a) The certificate holder may adjust the amount of the bond or letter of credit rider
4 based on the final design of the repowered facility by applying the unit costs and
5 general costs illustrated in the Final Order on Request for Amendment 3 (RFA3)
6 Attachment D to the final design of the repowered facility and calculating the
7 financial assurance amount as described in that order, adjusted to the date of
8 issuance as described in (b) and subject to approval by the Department. Any
9 modification to the unit costs of the retirement cost estimate, as presented in the
10 Final Order on RFA3 Attachment D, are subject to review and approval by the
11 Council.
- 12 (b) The certificate holder shall adjust the amount of the bond or letter of credit rider,
13 using the following calculation and subject to approval by the Department:
- 14 (i) Adjust the Subtotal component of the bond or letter of credit amount (expressed
15 in 2023 dollars) to present value, using the U.S. Gross Domestic Product Implicit
16 Price Deflator, Chain-Weight, as published in the Oregon Department of
17 Administrative Services' "Oregon Economic and Revenue Forecast" or by any
18 successor agency (the "Index") and using the annual average index value for
19 2023 dollars and the quarterly index value for the date of issuance of the bond
20 or letter of credit rider. If at any time the Index is no longer published, the
21 Council shall select a comparable calculation to adjust 2023 dollars to present
22 value.
- 23 (ii) Add 1 percent of the adjusted Subtotal (i) for the adjusted performance bond
24 amount to determine the adjusted Gross Cost.
- 25 (iii) Add 10 percent of the adjusted Gross Cost for the adjusted administration and
26 project management costs and 10 percent of the adjusted Gross Cost for the
27 adjusted future developments contingency.
- 28 (iv) Add the adjusted Gross Cost (ii) to the sum of the percentages (iii) and round
29 the resulting total to the nearest \$1,000 to determine the adjusted financial
30 assurance amount.
- 31 (c) The certificate holder shall use a form of bond or letter of credit approved by the
32 Council.
- 33 (d) The certificate holder shall use an issuer of the bond or letter of credit approved by
34 the Council.
35 [AMD3]

36
37 **Fish and Wildlife Habitat Condition 109:** Prior to the facility repower, the certificate
38 holder shall finalize the Repower Revegetation and Noxious Weed Control Plan as
39 provided in Final Order on Amendment 3 Attachment F, subject to approval by the
40 Department in consultation with ODFW. Finalization includes selection of seed mix,
41 predisturbance data collection, selection of monitoring and reference sites and final
42 review of success criteria, as described in the plan.
43 [AMD3]

1 **Fish and Wildlife Habitat Condition 110:** Prior to the facility repower, the certificate
2 holder shall finalize the draft Repower Habitat Mitigation Plan as provided in Final Order
3 on Amendment 3 Attachment E, subject to approval by the Department in consultation
4 with ODFW. Finalization shall be based on the pre-treatment baseline monitoring results
5 to inform initial monitoring treatment actions and schedule; and establish success criteria.
6 [AMD3]

7
8 **Threatened and Endangered Species Condition 111:** Prior to the facility repower, in areas
9 of ground disturbance within 1,000-feet of previously identified WGS colonies (2023
10 Survey), the certificate holder shall perform WGS surveys (non-protocol, spot check) and
11 update maps and flagging. Provide updated maps to the Department and ODFW and
12 identify any significant change in previously identified WGS habitat.
13 [AMD3]

14
15 **Historic, Cultural, and Archaeological Resources Condition 112:** Prior to disturbance
16 within 200-feet of recorded sites 35GM373 and 35GM388, the certificate holder shall
17 install flagging extending 100-feet from the site boundaries, excluding areas that extend
18 to extending roads.
19 [AMD3]

20
21 **Historic, Cultural, and Archaeological Resources Condition 113:** Prior to the facility
22 repower, the certificate holder shall review/update the contact information presented in
23 Section 2.1.2 (No. 4) of the Inadvertent Discovery Plan (IDP).
24 [AMD3]

25
26 **Public Services Condition 114:** Prior to the facility repower, the certificate holder shall
27 notify local police services of the schedule and expected number of temporary workers
28 and traffic volume to result from repower activities.
29 [AMD3]

30
31 **Public Services Condition 115:** Prior to the facility repower, the certificate holder shall
32 execute a Road Use Agreement with the Gilliam County Public Works Department.
33 [AMD3]

34
35 **Wildfire Prevention and Risk Mitigation Condition 116:** Prior to the facility repower, the
36 certificate holder shall submit a Final Repower Wildfire Mitigation Plan (WMP) to the
37 Department for review and approval. The Repower WMP shall include requirements for
38 weather monitoring, personnel training and emergency response and communication
39 procedures.
40 [AMD3]

41 **(b) Specific Repower Conditions**

1 **General Standard Condition 117:** The certificate holder shall:

2 (a) Provide written notice to the Department of commencement of the facility repower
3 and shall commence repower actions on or before June 12, 2026.

4 (b) Provide written notice to the Department of repower completion. Repower actions
5 shall be substantively complete within three years of repower commencement.

6 [Mandatory Condition OAR 345-025-0006(4), AMD3]
7

8 **Historic, Cultural, and Archaeological Resources Condition 118:** The certificate holder,
9 and any onsite contractors, shall adhere to the requirements of the Inadvertent Discovery
10 Plan. The IDP Section 2.1.2 (No. 4) shall be reviewed and updated annually, as applicable.

11 [AMD3]
12

13 **Public Services Condition 119:** During and post-facility repower, as applicable, the
14 certificate holder shall adhere to the terms and conditions of the Road Use Agreement.

15 [AMD3]
16

17 **Soil Protection Condition 120:** During the facility repower, the certificate holder shall
18 conduct all work in compliance with the NPDES 1200-C General Construction Permit, ESCP
19 or revised ESCP, if applicable. The ESCP shall be revised if determined necessary by the
20 certificate holder, certificate holder's contractor(s) or the Department. Any Department-
21 required ESCP revisions shall be implemented within 14 days, unless otherwise agreed to
22 by the Department based on a good faith effort to address erosion issues.

23 [AMD3]
24

25 **Soil Protection Condition 121:** During the facility repower, the certificate holder shall
26 implement the Soil Monitoring Plan, as provided in the Final Order on Amendment 3
27 (Attachment C).

28 [AMD3]
29

30 **Retirement and Financial Assurance Condition 122:** During the facility repower, the
31 certificate holder shall describe the status of the bond or letter of credit in the semi-
32 annual report submitted to the Council under Condition 21(a). If repower activities
33 extends for more than 12 months, the certificate holder shall adjust the amount of the
34 bond or letter of credit on an annual basis thereafter as described in Condition 30(b). The
35 Department and Council reserve the right to adjust the contingencies, as necessary to
36 ensure that costs to restore the site are adequate.

37 [AMD3]
38

39 **Fish and Wildlife Habitat Condition 123:** During the facility repower, the certificate holder
40 shall implement the Repower Revegetation and Noxious Weed Control Plan, as finalized
41 under Fish and Wildlife Habitat Condition 109.

42 [AMD3]
43

1 **Fish and Wildlife Habitat Condition 124:** During the facility repower, the certificate holder
2 shall implement the Repower Habitat Mitigation Plan, as finalized under Fish and Wildlife
3 Habitat Condition 110.

4 [AMD3]
5

6 **Threatened and Endangered Species Condition 125:** During the facility repower,
7 certificate holder shall install flagging/temporary fencing extending 150-feet from any
8 WGS colonies identified during the pre-repower WGS spot check (Threatened and
9 Endangered Species Condition 125). Certificate holder shall require all onsite vehicles to
10 adhere to a 20-mile speed limit.

11 [AMD3]
12

13 **Historic, Cultural, and Archaeological Resources Condition 126:** During the facility
14 repower, the certificate holder shall prohibit ground disturbance within 100-feet from the
15 site boundaries of 35GM373 and 35GM388; the 100-foot buffer does not apply to existing
16 roads. Flagging shall be maintained to protect the resources. Sensitive resource maps
17 identifying the resource location and avoidance area shall be maintained onsite and
18 provided to contractors.

19 [AMD3]
20

21 **Wildfire Prevention and Risk Mitigation Condition 127:** During the facility repower, the
22 certificate holder shall require onsite contractors and employees to adhere to the
23 Repower WMP. The Repower WMP shall be updated, as needed, to address changes in
24 site conditions or wildfire risk at the site.

25 [AMD3]
26

27 **Removal Fill Condition 128:** During the facility repower, certificate holder shall flag and
28 monitor a 50-foot buffer from impacts to Wetlands 1 and 2 and Streams 1 and 2, as
29 identified in the September 2023 Wetland Delineation Report. The 50-foot buffer may be
30 waived if the certificate holder provides to the Department DSL concurrence that wetlands
31 or streams are not jurisdictional waters of the state.

32 [AMD3]
33

34 **Wildfire Prevention and Risk Mitigation Condition 129:** During operation, the certificate
35 holder shall adhere to the requirements of the WMP, as provided in Final Order on
36 Amendment 3 Attachment H. In every annual report required under Condition 21 (OAR
37 345-026-0080), provide an updated WMP based on changes in best management
38 practices or technologies identified through review of WMP Table 2 sources, as
39 applicable, or as needed based on site conditions and modeled wildfire risk.

40 [AMD3]
41

42 **Waste Minimization Condition 130:** Prior to the facility repower, during facility repower
43 and during operations, as applicable, the certificate holder shall:

- 1 (a) Submit to the Department a copy of the contract or agreement with the contractor
2 for wind turbine component recycling. If not included with contract or agreement,
3 provide a description of methods and vendors for the packaging, transport, and
4 recycling of wind turbine components; or
- 5 (b) Submit to the Department a copy of the contract or agreement with the contractor
6 for wind turbine component use, or description of reuse. If not included with
7 contract, agreement, or description, provide a description of methods and vendors
8 for the packaging, transport, and reuse purpose for wind turbine components; or
- 9 (c) If recycling or reuse of wind turbine components is not feasible. Submit to the
10 Department an explanation of why no reasonable option for the recycling or reuse
11 of wind turbine components is available. Provide description of the methods,
12 vendors, and location for the disposal of wind turbine components.
13 [AMD3]

14
15 This section lists conditions required by OAR 345-027-0020 (Mandatory Conditions in Site
16 Certificates), OAR 345-027-0023 (Site Specific Conditions), OAR 345-027-0028 (Monitoring
17 Conditions) and OAR Chapter 345, Division 26 (Construction and Operation Rules for Facilities).
18 These conditions should be read together with the specific facility conditions listed in Section V
19 to ensure compliance with the siting standards of OAR Chapter 345, Divisions 22 and 24, and to
20 protect the public health and safety. In these conditions, “Office of Energy” means the Oregon
21 Department of Energy, and the other definitions in OAR 345-001-0010 apply.

22
23 The obligation of the certificate holder to report information to the Department or the Council
24 under the conditions listed in this section and in Section V is subject to the provisions of ORS
25 192.502 *et seq.* and ORS 469.560. To the extent permitted by law, the Department and the
26 Council will not publicly disclose information that may be exempt from public disclosure if the
27 certificate holder has clearly labeled such information and stated the basis for the exemption at
28 the time of submitting the information to the Department or the Council. If the Council or the
29 Department receives a request for the disclosure of the information, the Council or the
30 Department, as appropriate, will make a reasonable attempt to notify the certificate holder and
31 will refer the matter to the Attorney General for a determination of whether the exemption is
32 applicable, pursuant to ORS 192.450.

33
34 In addition to these conditions, the site certificate holder is subject to all conditions and
35 requirements contained in the rules of the Council and in local ordinances and state law in
36 effect on the date the certificate is executed. Under ORS 469.401(2), upon a clear showing of a
37 significant threat to the public health, safety or the environment that requires application of
38 later-adopted laws or rules, the Council may require compliance with such later-adopted laws
39 or rules.

40
41 The Council recognizes that many specific tasks related to the design, construction, operation
42 and retirement of the facility will be undertaken by the certificate holder’s agents or
43 contractors. Nevertheless, the certificate holder is responsible for ensuring compliance with all
44 provisions of the site certificate.

- 1
2 1 OAR 345-025-0006(1): The Council may not change the conditions of the site certificate
3 except as provided for in OAR Chapter 345, Division 27.
4
- 5 2 OAR 345-025-0006(2): The certificate holder must submit a legal description of the site to
6 the Department of Energy within 90 days after beginning operation of the facility. The
7 legal description required by this rule means a description of metes and bounds or a
8 description of the site by reference to a map and geographic data that clearly and
9 specifically identify the outer boundaries that contain all parts of the facility.
10
- 11 3 OAR 345-025-0006(3): The certificate holder must design, construct, operate and retire
12 the facility:
13 (a) Substantially as described in the site certificate;
14 (b) In compliance with the requirements of ORS Chapter 469, applicable Council rules, and
15 applicable state and local laws, rules and ordinances in effect at the time the site
16 certificate is issued; and
17 (c) In compliance with all applicable permit requirements of other state agencies.
18
- 19 4 OAR 345-025-0006(4): The certificate holder must begin and complete construction of the
20 facility by the dates specified in the site certificate. (*See conditions 25 and 26.*)
21
- 22 5 OAR 345-025-0006(5): Except as necessary for the initial survey or as otherwise allowed
23 for wind energy facilities, transmission lines or pipelines under this section, the certificate
24 holder may not begin construction, as defined in OAR 345-001-0010, or create a clearing
25 on any part of the site until the certificate holder has construction rights on all parts of the
26 site. For the purpose of this rule, “construction rights” means the legal right to engage in
27 construction activities. For wind energy facilities, transmission lines or pipelines, if the
28 certificate holder does not have construction rights on all parts of the site, the certificate
29 holder may nevertheless begin construction, as defined in OAR 345-001-0010, or create a
30 clearing on a part of the site if the certificate holder has construction rights on that part of
31 the site and:
32 (a) The certificate holder would construct and operate part of the facility on that part of
33 the site even if a change in the planned route of a transmission line or pipeline occurs
34 during the certificate holder’s negotiations to acquire construction rights on another
35 part of the site; or
36 (b) The certificate holder would construct and operate part of a wind energy facility on
37 that part of the site even if other parts of the facility were modified by amendment of
38 the site certificate or were not built.
39
- 40 6 If the Council requires mitigation based on an affirmative finding under any standards of
41 Division 22 or Division 24 of this chapter, the certificate holder shall consult with affected
42 state agencies and local governments designated by the Council and shall develop specific
43 mitigation plans consistent with Council findings under the relevant standards. The

1 certificate holder must submit the mitigation plans to the Office and receive Office
2 approval before beginning construction or, as appropriate, operation of the facility.

3
4 7 OAR 345-025-0006(7): The certificate holder must prevent the development of any
5 conditions on the site that would preclude restoration of the site to a useful, non-
6 hazardous condition to the extent that prevention of such site conditions is within the
7 control of the certificate holder.

8
9 8 OAR 345-025-0006(8): Before beginning construction of the facility, the certificate holder
10 shall submit to the State of Oregon, through the Council, a bond or letter of credit in a
11 form and amount satisfactory to the Council to restore the site to a useful, non-hazardous
12 condition. The certificate holder must maintain a bond or letter of credit in effect at all
13 times until the facility has been retired. The Council may specify different amounts for the
14 bond or letter of credit during construction and during operation of the facility. (*See*
15 *Condition 30.*)

16
17 9 OAR 345-025-0006(9): The certificate holder must retire the facility if the certificate holder
18 permanently ceases construction or operation of the facility. The certificate holder must
19 retire the facility according to a final retirement plan approved by the Council, as
20 described in OAR 345-027-0410. The certificate holder must pay the actual cost to restore
21 the site to a useful, non-hazardous condition at the time of retirement, notwithstanding
22 the Council's approval in the site certificate of an estimated amount required to restore
23 the site.

24
25 10 OAR 345-025-0006(10): The Council must include as conditions in the site certificate all
26 representations in the site certificate application and supporting record the Council deems
27 to be binding commitments made by the applicant.

28
29 11 OAR 345-025-0006(11): Upon completion of construction, the certificate holder must
30 restore vegetation to the extent practicable and must landscape all areas disturbed by
31 construction in a manner compatible with the surroundings and proposed use. Upon
32 completion of construction, the certificate holder must remove all temporary structures
33 not required for facility operation and dispose of all timber, brush, refuse and flammable
34 or combustible material resulting from clearing of land and construction of the facility.

35
36 12 OAR 345-025-0006(12): The certificate holder must design, engineer and construct the
37 facility to avoid dangers to human safety and the environment presented by seismic
38 hazards affecting the site that are expected to result from all maximum probable seismic
39 events. As used in this rule "seismic hazard" includes ground shaking, ground failure,
40 landslide, liquefaction, triggering and consequences (including flow failure, settlement
41 buoyancy, and lateral spreading), cyclic softening of clays and silts, fault rupture,
42 directivity effects and soil-structure interaction.

1 13 OAR 345-025-0006(13): The certificate holder must notify the Department, the State
2 Building Codes Division and the Department of Geology and Mineral Industries promptly if
3 site investigations or trenching reveal that conditions in the foundation rocks differ
4 significantly from those described in the application for a site certificate. After the
5 Department receives the notice, the Council may require the certificate holder to consult
6 with the Department of Geology and Mineral Industries and the Building Codes Division to
7 propose and implement corrective of mitigation actions.
8

9 14 OAR 345-025-0006(14): The certificate holder must notify the Department, the State
10 Building Codes Division and the Department of Geology and Mineral Industries promptly if
11 shear zones, artesian aquifers, deformations or clastic dikes are found at or in the vicinity
12 of the site. After the Department receives notice, the Council may require the certificate
13 holder to consult with Department of Geology and Mineral Industries and the Building
14 Codes Division to propose and implement corrective or mitigation actions.
15

16 15 OAR 345-025-0006(15): Before any transfer of ownership of the facility or ownership of
17 the site certificate holder, the certificate holder must inform the Department of the
18 proposed new owners. The requirements of OAR 345-027-0400 apply to any transfer of
19 ownership that requires a transfer of the site certificate.
20

21 16 OAR 345-025-0006(16): If the Council finds that the certificate holder has permanently
22 ceased construction or operation of the facility without retiring the facility according to a
23 final retirement plan approved by the Council, as described in OAR 345-027-0410, the
24 Council must notify the certificate holder and request that the certificate holder submit a
25 proposed final retirement plan to the Department within a reasonable time not to exceed
26 90 days. If the certificate holder does not submit a proposed final retirement plan by the
27 specified date, the Council may direct the Department to prepare a proposed final
28 retirement plan for the Council's approval. Upon the Council's approval of the final
29 retirement plan, the Council may draw on the bond or letter of credit described in section
30 (8) of this rule to restore the site to a useful, non-hazardous condition according to the
31 final retirement plan, in addition to any penalties the Council may impose under OAR
32 Chapter 345, Division 29. If the amount of the bond or letter of credit is insufficient to pay
33 the actual cost of retirement, the certificate holder must pay any additional cost necessary
34 to restore the site to a useful, non-hazardous condition. After completion of site
35 restoration, the Council must issue an order to terminate the site certificate if the Council
36 finds that the facility has been retired according to the approved final retirement plan.
37

38 17 OAR 345-025-0010(4): If the facility includes any transmission line under Council
39 jurisdiction:

- 40 (a) The certificate holder shall design, construct and operate the transmission line in
41 accordance with the requirements of the 2012 Edition of the National Electrical Safety
42 Code approved on June 3, 2011, by the American National Standards Institute; and
43 (b) The certificate holder shall develop and implement a program that provides
44 reasonable assurance that all fences, gates, cattle guards, trailers, or other objects or

1 structures of a permanent nature that could become inadvertently charged with
2 electricity are grounded or bonded throughout the life of the line.

3
4 18 OAR 345-025-0010(5): If the proposed energy facility is a pipeline or a transmission line or
5 has, as a related or supporting facility, a pipeline or transmission line, the Council shall
6 specify an approved corridor in the site certificate and shall allow the certificate holder to
7 construct the pipeline or transmission line anywhere within the corridor, subject to the
8 conditions of the site certificate. If the applicant has analyzed more than one corridor in its
9 application for a site certificate, the Council may, subject to the Council’s standards,
10 approve more than one corridor.

11
12 19 OAR 345-025-0016(6) and -0016: The following general monitoring conditions apply:

- 13 (a) The certificate holder shall consult with affected state agencies, local governments and
14 tribes and shall develop specific monitoring programs for impacts to resources
15 protected by the standards of Divisions 22 and 24 of this chapter and resources
16 addressed by applicable statutes, administrative rules and local ordinances. The
17 certificate holder must submit the monitoring programs to the Department of Energy
18 and receive Department approval before beginning construction or, as appropriate,
19 operation of the facility.
- 20 (b) The certificate holder shall implement the approved monitoring programs described in
21 section (a) and monitoring programs required by permitting agencies and local
22 governments.
- 23 (c) For each monitoring program described in sections (1) and (2), the certificate holder
24 shall have quality assurance measures approved by the Department before beginning
25 construction or, as appropriate, before beginning commercial operation.
- 26 (d) If the certificate holder becomes aware of a significant environmental change or
27 impact attributable to the facility, the certificate holder shall, as soon as possible,
28 submit a written report to the Department describing the impact on the facility and
29 any affected site certificate conditions.

30
31 20 OAR 345-026-0048: Following receipt of a site certificate or an amended site certificate,
32 the certificate holder shall implement a plan that verifies compliance with all site
33 certificate terms and conditions and applicable statutes and rules. As a part of the
34 compliance plan, to verify compliance with the requirement to begin construction by the
35 date specified in the site certificate, the certificate holder shall report promptly to the
36 Department of Energy when construction begins. Construction is defined in OAR 345-001-
37 0010. In reporting the beginning of construction, the certificate holder shall describe all
38 work on the site performed before beginning construction, including work performed
39 before the Council issued the site certificate, and shall state the cost of that work. For the
40 purpose of this exhibit, “work on the site” means any work within a site or corridor, other
41 than surveying, exploration or other activities to define or characterize the site or corridor.
42 The certificate holder shall document the compliance plan and maintain it for inspection
43 by the Department or the Council.

1 21 OAR 345-026-0080: The certificate holder shall report according to the following
2 requirements:

- 3 (a) General reporting obligation for energy facilities under construction or operating:
4 (i) Within three months after beginning the facility repower, and every three months
5 thereafter during the facility repower, the certificate holder shall submit a repower
6 progress report to the Department of Energy. In each repower progress report, the
7 certificate holder shall describe any significant changes to major milestones. The
8 certificate holder shall report on the progress of the repower and shall address the
9 subjects lists in subsection (c) of this condition. When the reporting date coincides,
10 the certificate holder may include the progress report within the annual report
11 described in this rule.
- 12 (b) After January 1 but not later than April 30 of each year after beginning operation of
13 the facility, the certificate holder shall submit an annual report to the Department
14 addressing the subjects listed in subsection (c) of this condition. For the purpose of
15 this condition, the beginning of operation of the facility means the date when
16 construction of a significant portion of the facility is substantially complete and the
17 certificate holder begins commercial operation of the facility as reported by the
18 certificate holder and accepted by the Department. The Council Secretary and the
19 certificate holder may, by mutual agreement, change the reporting date.
20 (i) To the extent that information required by this rule is contained in reports the
21 certificate holder submits to other state, federal or local agencies, the certificate
22 holder may submit excerpts from such other reports to satisfy this rule. The
23 Council reserves the right to request full copies of such excerpted reports.
- 24 (c) In the annual report, the certificate holder shall include the following information for
25 the calendar year preceding the date of the report:
26 (i) Facility Status: An overview of site conditions, the status of facilities under
27 construction and a summary of the operating experience of facilities that are in
28 operation. The certificate holder shall describe any unusual events, such as
29 earthquakes, extraordinary windstorms, major accidents or the like that occurred
30 during the year and that had a significant adverse impact on the facility.
31 (ii) Reliability and Efficiency of Power Production: For electric power plants, the plant
32 availability and capacity factors for the reporting year. The certificate holder shall
33 describe any equipment failures or plant breakdowns that had a significant impact
34 on those factors and shall describe any actions taken to prevent the recurrence of
35 such problems.
36 (iii) Status of Surety Information: Documentation demonstrating that bonds or letters
37 of credit as described in the site certificate are in full force and effect and will
38 remain in full force and effect for the term of the next reporting period.
39 (iv) Monitoring Report: A list and description of all significant monitoring and
40 mitigation activities performed during the previous year in accordance with site
41 certificate terms and conditions, a summary of the results of those activities and a
42 discussion of any significant changes to any monitoring or mitigation program,
43 including the reason for any such changes.

- 1 (v) Compliance Report: A report describing the certificate holder’s compliance with all
2 site certificate conditions that are applicable during the reporting period. For ease
3 of review, the certificate holder shall, in this section of the report, use numbered
4 subparagraphs corresponding to the applicable sections of the site certificate.
5 (vi) Facility Modification Report: A summary of changes to the facility that the
6 certificate holder has made during the reporting period without an amendment of
7 the site certificate in accordance with OAR 345-027-0350.
8

9 22 OAR 345-026-0105: The certificate holder and the Department of Energy shall exchange
10 copies of all correspondence or summaries of correspondence related to compliance with
11 statutes, rules and local ordinances on which the Council determined compliance, except
12 for material withheld from public disclosure under state or federal law or under Council
13 rules. The certificate holder may submit abstracts of reports in place of full reports;
14 however, the certificate holder shall provide full copies of abstracted reports and any
15 summarized correspondence at the request of the Department.
16

17 23 OAR 345-026-0170: The certificate holder shall notify the Department of Energy within 72
18 hours of any occurrence involving the facility if:
19 (a) There is an attempt by anyone to interfere with its safe operation;
20 (b) A natural event such as an earthquake, flood, tsunami or tornado, or a human-caused
21 event such as a fire or explosion affects or threatens to affect the public health and
22 safety or the environment; or
23 (c) There is any fatal injury at the facility.
24

25 The conditions listed in this section include conditions based on representations in the site
26 certificate application and supporting record. The Council deems these representations to be
27 binding commitments made by the applicant. These conditions are required under OAR 345-
28 027-0020(10). The certificate holder must comply with these conditions in addition to the
29 conditions listed in Section IV. This section includes other specific facility conditions the Council
30 finds necessary to ensure compliance with the siting standards of OAR Chapter 345, Divisions
31 22 and 24, and to protect public health and safety. For conditions that require subsequent
32 review and approval of a future action, ORS 469.402 authorizes the Council to delegate the
33 future review and approval to the Department if, in the Council’s discretion, the delegation is
34 warranted under the circumstances of the case.

35 24 [Condition deleted Amendment #2 LJF]

36 25 The certificate holder shall begin construction of the facility by September 24, 2010. Under
37 OAR 345-015-0085(9), a site certificate is effective upon execution by the Council Chair
38 and the applicant. The Council may grant an extension of the deadline to begin
39 construction in accordance with OAR 345-027-0030 or any successor rule in effect at the
40 time the request for extension is submitted. [AMD1]

41 26 The certificate holder shall complete construction of the facility by September 24, 2013.
42 Construction is complete when: 1) the facility is substantially complete as defined by the
43 certificate holder’s construction contract documents, 2) acceptance testing has been

1 satisfactorily completed and 3) the energy facility is ready to begin continuous operation
2 consistent with the site certificate. The certificate holder shall promptly notify the
3 Department of the date of completion of construction. The Council may grant an
4 extension of the deadline for completing construction in accordance with OAR 345-027-
5 0030 or any successor rule in effect at the time the request for extension is submitted.
6 [AMD1]

7 27 The certificate holder shall design and operate the facility substantially as described in
8 Section III of the site certificate and must not exceed the following restrictions:

9 (a) The total number of turbines at the facility must not exceed 40 turbines.

10 (b) The maximum turbine blade tip height must not exceed 453.8 feet.

11 [AMD1, AMD3]

12 28 The certificate holder shall obtain all necessary federal, state and local permits or
13 approvals required for construction, operation and retirement of the facility or ensure that
14 its contractors obtain the necessary federal, state and local permits or approvals.

15 29 Before beginning construction, the certificate holder shall notify the Department in
16 advance of any work on the site that does not meet the definition of “construction” in
17 OAR 345-001-0010 or ORS 469.300 and shall provide to the Department a description of
18 the work and evidence that its value is less than \$250,000.

19 30 During facility operation, the certificate holder shall:

20 (a) Annually adjust the amount of the bond or letter of credit as described in Retirement
21 and Financial Assurance Condition 108(b).

22 (b) Describe the status of the bond or letter of credit in the annual report submitted to the
23 Council under Condition 21(b).

24 (c) Ensure that the bond or letter of credit is not subject to revocation or reduction before
25 retirement of the facility site.

26 The Department and Council reserve the right to adjust the contingencies, as necessary to
27 ensure that costs to restore the site are adequate.

28 [AMD2, AMD3]

29 31 If the certificate holder elects to use a bond to meet the requirements of Condition 30 or
30 Condition 101, the certificate holder shall ensure that the surety is obligated to comply
31 with the requirements of applicable statutes, Council rules and this site certificate when
32 the surety exercises any legal or contractual right it may have to assume construction,
33 operation or retirement of the energy facility. The certificate holder shall also ensure that
34 the surety is obligated to notify the Council that it is exercising such rights and to obtain
35 any Council approvals required by applicable statutes, Council rules and this site certificate
36 before the surety commences any activity to complete construction, operate or retire the
37 energy facility. [AMD1]

38 32 Before facility repower, the certificate holder shall notify the Department of the identity
39 and qualifications of major construction contractor(s) for specific portions of the work.
40 The certificate holder shall select contractors that have substantial experience in the

1 design and construction of similar facilities. The certificate holder shall report to the
2 Department any change of major construction contractors.

3 33 The certificate holder shall contractually require all construction contractors and
4 subcontractors involved in the facility repower to comply with all applicable laws and
5 regulations and with the terms and conditions of the site certificate. Such contractual
6 provisions shall not operate to relieve the certificate holder of responsibility under the site
7 certificate.

8 34 During the facility repower, the certificate holder shall have an on-site construction
9 manager who is qualified in environmental compliance to ensure compliance with all
10 repower-related site certificate conditions. During operation, the certificate holder shall
11 have a project manager who is qualified in environmental compliance to ensure
12 compliance with all ongoing site certificate conditions. The certificate holder shall notify
13 the Department of the name, telephone number, fax number and e-mail address of these
14 managers and shall keep the Department informed of any change in this information.

15 35 Within 72 hours after discovery of conditions or circumstances that may violate the terms
16 or conditions of the site certificate, the certificate holder shall report the conditions or
17 circumstances to the Department.

18 **V. SPECIFIC FACILITY CONDITIONS (SELECT APPLY TO REPOWER AND OPERATION)**

19
20 The conditions in this section only apply to facility repower activities or the operational facility,
21 once repowered, if they are not shaded. All shaded conditions applied to original facility
22 construction and are no longer applicable.

23
24 The non-applicable conditions are maintained in the site certificate should there be a future
25 change or facility modification for which certificate holder seeks to complete at the site and
26 may rely on compliance with preconstruction and construction conditions to evaluate potential
27 impacts and or need for a site certificate amendment given protections afforded through these
28 historic conditions.

29 **1. Land Use Conditions**

30
31 36 The certificate holder shall cooperate with the Gilliam County Road Department to ensure
32 that any unusual damage or wear to county roads that is caused by construction of the
33 facility is repaired by the certificate holder. Upon completion of construction, the
34 certificate holder shall restore county roads to pre-construction condition or better, to the
35 satisfaction of the County Road Department.

36
37 37 During construction, the certificate holder shall implement measures to reduce traffic
38 impacts, including:

- 39 (a) Providing notice to adjacent landowners when heavy construction traffic is
40 anticipated.

- (b) Providing appropriate traffic safety signage and warnings.
- (c) Requiring flaggers to be at appropriate locations at appropriate times during construction to direct traffic reduce accident risks.
- (d) Using traffic diversion equipment (such as advanced signage and pilot cars) when slow or oversize construction loads are anticipated.
- (e) Maintaining at least one travel lane at all times to the extent reasonably possible so that roads will not be closed to traffic because of construction vehicles. [Amendment #1 UF]
- (f) Encouraging carpooling for the construction workforce.
- (g) Including traffic control procedures in contract specifications for construction of the facility.
- (h) Keeping the access from Highway 19 free of gravel that tracks out onto the highway.

38 The certificate holder shall ensure that no equipment or machinery is parked or stored on any county road except while in use.

39 The certificate holder shall construct all facility components in compliance with the following setback requirements:

- (a) All facility components must be at least 3,520 feet from the property line of properties zoned residential use or designated in the Gilliam County Comprehensive Plan as residential.
- (b) Where (a) does not apply, the certificate holder shall maintain a minimum distance of 110-percent of maximum blade tip height, measured from the centerline of the turbine tower to the nearest edge of any public road right-of-way. The certificate holder shall assume a minimum right-of-way width of 60 feet.
- (c) Where (a) does not apply, the certificate holder shall maintain a minimum distance of 1,320 feet, measured from the centerline of the turbine tower to the center of the nearest residence existing at the time of tower construction.
- (d) Where (a) does not apply, the certificate holder shall maintain a minimum distance of 110-percent of maximum blade tip height, measured from the centerline of the turbine tower to the nearest boundary of the certificate holder's lease area.
- (e) The certificate holder shall maintain a minimum distance of 250 feet measured from the center line of each turbine tower to the nearest edge of any railroad right-of-way or electrical substation.
- (f) The certificate holder shall maintain a minimum distance of 250 feet measured from the center line of each meteorological tower to the nearest edge of any public road right-of-way or railroad right-of-way, nearest boundary of the certificate holder's lease area or nearest electrical substation.
- (g) The certificate holder shall maintain a minimum distance of 50 feet measured from any facility O&M building to the nearest edge of any public road right-of-way or railroad right-of-way or the nearest boundary of the certificate holder's lease area.
- (h) The certificate holder shall maintain a minimum distance of 50 feet measured from any substation to the nearest edge of any public road right-of-way or railroad right-of-

1 way or the nearest boundary of the certificate holder’s electrical substation easement
2 or, if there is no easement, the nearest boundary of the certificate holder’s lease area.
3 [AMD1]
4

5 40 The certificate holder shall consult with area landowners and lessees during construction
6 and operation of the facility and shall implement measures to reduce or avoid any adverse
7 impacts to farm practices on surrounding lands and to avoid any increase in farming costs.
8

9 41 The certificate holder shall locate access roads and temporary construction laydown and
10 staging areas to minimize disturbance with farming practices and, wherever feasible, shall
11 place turbines and transmission interconnection lines along the margins of cultivated
12 areas to reduce the potential for conflict with farm operations.
13

14 42 Before beginning construction of any phase of the facility, the certificate holder shall
15 record in the real property records of Gilliam County a Covenant Not to Sue with regard to
16 generally accepted farming practices on farmland adjacent to the construction area
17 consistent with Gilliam County Zoning Ordinance 7.020(T)(4)(a)(5). [Amendment #1 LIF]
18

19 43 The certificate holder shall install lockable gates at the substation and on private access
20 roads.
21

22 44 Within 90 days after beginning operation of any phase of the facility, the certificate holder
23 shall provide to the Department and to the Gilliam County Planning Director the actual
24 latitude and longitude location or Stateplane NAD 83(91) coordinates of each turbine
25 tower, connecting line and transmission line built in that phase. In addition, the certificate
26 holder shall provide to the Department and to the Gilliam County Planning Director, a
27 summary of as-built changes in the facility compared to the original plan, if any.
28

29 [AMD1]
30

31 **2. Cultural Resource Conditions**

32 45 Before beginning construction of the LJIA components as described in the *Final Order on*
33 *Amendment #1 for IJF*, the certificate holder shall provide to the Department a map
34 showing the final design locations of all LJIA components and areas that would be
35 disturbed during their construction and also showing the LJIA areas that were surveyed in
36 2004, 2005 and 2006 for cultural resources as described in the site certificate application.
37 If areas to be disturbed during construction lie outside of the surveyed areas, the
38 certificate holder shall hire qualified personnel to conduct field investigation of those
39 areas. The certificate holder shall provide a written report of the field investigation to the
40 Department and to the State Historic Preservation Office (SHPO). If any historic, cultural or
41 archaeological resources are found during the field investigation, the certificate holder
42 shall ensure that construction and operation of the facility will have no impact on the

1 resources. The certificate holder shall instruct all construction personnel to avoid the areas
2 where resources were identified in the 2004-2006 surveys or were found during pre-
3 construction investigations and shall implement other appropriate measures to protect
4 the resources. [AMD2]

5
6 46 The certificate holder shall ensure that a qualified person instructs construction personnel
7 in the identification of cultural materials and avoidance of accidental damage to identified
8 resource sites.

9
10 47 The certificate holder shall ensure that construction personnel cease all ground-disturbing
11 activities in the immediate area if any archaeological or cultural resources are found
12 during construction of the facility until a qualified archaeologist can evaluate the
13 significance of the find. The certificate holder shall notify the Department and the State
14 Historic Preservation Office (SHPO) of the find. If the archaeologist determines that the
15 resource is significant, the certificate holder shall make recommendations to the Council
16 for mitigation, including avoidance or data recovery, in consultation with the Department,
17 SHPO and other appropriate parties. The certificate holder shall not restart work in the
18 affected area until the certificate holder has demonstrated to the Department that it has
19 complied with the archaeological permit requirements administered by SHPO.

20
21 48 During construction of the LJIA components as described in the *Final Order on*
22 *Amendment #1 for IJF*, the certificate holder shall label all identified historic, cultural or
23 archaeological resource sites on construction maps and drawings as “no entry” areas, and
24 if construction activities will occur within 200 feet of an identified site, the certificate
25 holder shall flag a 50-foot buffer around the site. [AMD2]

26 **3. Geotechnical Conditions**

27
28 49 Before beginning construction of the facility, the certificate holder shall conduct site-
29 specific geotechnical investigation of that phase and shall report its findings to the Oregon
30 Department of Geology & Mineral Industries (DOGAMI). The certificate holder shall
31 conduct the geotechnical investigation after consultation with DOGAMI and in general
32 accordance with DOGAMI open file report 00-04 “Guidelines for Engineering Geologic
33 Reports and Site-Specific Seismic Hazard Reports.” [AMD2]

34
35 50 The certificate holder shall design and construct the facility in accordance with
36 requirements set forth by the State of Oregon’s Building Code Division and any other
37 applicable codes and design procedures. The certificate holder shall design all components
38 of the facility to meet or exceed the minimum standards required by the 2003
39 International Building Code.

1 51 The certificate holder shall design, engineer and construct the facility to avoid dangers to
2 human safety presented by non-seismic hazards. As used in this condition, “non-seismic
3 hazards” include settlement, landslides, flooding and erosion.
4

4. Hazardous Materials, Fire Protection & Public Safety Conditions

5
6 52 The certificate holder shall notify the Department within 72 hours of any accidents
7 including mechanical failures on the site associated with construction or operation of the
8 facility that may result in public health and safety concerns.
9

10 53 Before beginning construction of any phase of the facility, the certificate holder shall
11 submit Notices of Proposed Construction or Alteration to the Federal Aviation
12 Administration (FAA) and the Oregon Department of Aviation identifying the proposed
13 final locations of the turbines and related or supporting facilities in that phase of
14 construction. The certificate holder shall promptly notify the Department of the responses
15 from the FAA and the Oregon Department of Aviation. [AMD1]
16

17 54 To protect the public from electrical hazards, the certificate holder shall enclose the
18 facility substations with appropriate fencing and locked gates.
19

20 55 The certificate holder shall construct turbine towers that are smooth steel structures with
21 no exterior ladders or access to the turbine blades and shall install locked access doors
22 accessible only to authorized personnel.
23

24 56 The certificate holder shall follow manufacturers’ recommended handling instructions and
25 procedures to prevent damage to towers or blades that could lead to failure.
26

27 57 The certificate holder shall have an operational safety monitoring program and shall
28 inspect turbine blades on a regular basis for signs of wear. The certificate holder shall
29 repair turbine blades as necessary to protect public safety.
30

31 58 The certificate holder shall install and maintain self-monitoring devices on each turbine,
32 linked to sensors at the operations and maintenance building, to alert operators to
33 potentially dangerous conditions, and the certificate holder shall immediately remedy any
34 dangerous conditions. The certificate holder shall maintain automatic equipment
35 protection features in each turbine that would shut down the turbine and reduce the
36 chance of a mechanical problem causing a fire.
37

38 59 The certificate holder shall install generator step-up transformers at the base of each
39 tower in locked cabinets designed to protect the public from electrical hazards and shall
40 design the cabinets to avoid creation of artificial habitat for raptor prey.
41

- 1 60 The certificate holder shall maintain turbines on concrete pads with a minimum of 10 feet
2 of non-flammable and non-erosive ground cover on all sides. The certificate holder shall
3 cover turbine pad areas with non-erosive material immediately following exposure during
4 disturbance and shall maintain the pad area covering during operation of the facility.
5
- 6 61 During operation of the facility, the certificate holder shall develop and implement fire
7 safety plans in consultation with the North Gilliam County Rural Fire Protection District
8 and the Arlington Fire Department to minimize the risk of fire and to respond
9 appropriately to any fires that occur on the facility site. In developing the fire safety plans,
10 the certificate holder should take into account the dry nature of the region and should
11 address risks on a seasonal basis. The certificate holder shall meet annually with District
12 and Fire Department personnel to discuss emergency planning and shall invite District and
13 Fire Department personnel to observe any emergency drill or tower rescue
14 training conducted at the facility.
15
- 16 62 During construction and operation of the facility, the certificate holder shall ensure that
17 the O&M buildings and all service vehicles are equipped with shovels and portable fire
18 extinguishers of a 4A50BC or equivalent rating.
19
- 20 63 During construction, the certificate holder shall ensure that construction vehicles and
21 equipment are operated on graveled areas to the extent possible and that open flames,
22 such as cutting torches, are kept away from dry grass areas.
23
- 24 64 Upon the beginning of operation of the facility, the certificate holder shall provide to
25 North Gilliam County Rural Fire Protection District and the Arlington Fire Department a
26 site plan indicating the identification number assigned to each turbine and the location of
27 all facility structures. During operation, the certificate will ensure that appropriate District
28 and Fire Department personnel have an up-to-date list of the names and telephone
29 numbers of facility personnel available to respond on a 24-hour basis in case of an
30 emergency on the facility site.
31
- 32 65 During operation, the certificate holder shall ensure that all on-site employees receive
33 annual fire prevention and response training, including tower rescue training, by qualified
34 instructors or members of the local fire department and that all employees are instructed
35 to keep vehicles on roads and off dry grassland, except when off-road operation is
36 required for emergency purposes.
37
- 38 66 During facility repower, the certificate holder shall require that all on-site construction
39 contractors develop and implement a site health and safety plan that informs workers and
40 others on-site what to do in case of an emergency and that includes the locations of fire
41 extinguishers and nearby hospitals, important telephone numbers and first aid techniques.
42 The certificate holder shall ensure that construction contractors have personnel on-site
43 who are trained and equipped for tower rescue and who are first aid and CPR certified.
44

1 67 During operation, the certificate holder shall develop and implement a site health and
2 safety plan that informs employees and others on-site what to do in case of an emergency
3 and that includes the locations of fire extinguishers and nearby hospitals, important
4 telephone numbers and first aid techniques.
5

6 68 The certificate holder shall handle any hazardous materials used on the site in a manner
7 that protects public health, safety and the environment and shall comply with all
8 applicable local, state and federal environmental laws and regulations.
9

10 69 If a spill or release of hazardous materials occurs during construction or operation of the
11 facility, the certificate holder shall notify the Department within 72 hours and shall clean
12 up the spill or release and dispose of any contaminated soil or other materials according to
13 applicable regulations. The certificate holder shall make sure that spill kits containing
14 items such as absorbent pads are located on equipment and storage facilities to respond
15 to accidental spills and shall instruct employees handling hazardous materials in the
16 proper handling, storage and cleanup of these materials.
17

5. Water, Soils, Streams & Wetlands Conditions

18
19 70 The certificate holder shall conduct all construction work in compliance with an Erosion
20 and Sediment Control Plan (ESCP) satisfactory to the Oregon Department of
21 Environmental Quality and as required under the National Pollutant Discharge Elimination
22 System (NPDES) Storm Water Discharge General Permit #1200-C. The certificate holder
23 shall include in the ESCP any procedures necessary to meet local erosion and sediment
24 control requirements and storm water management requirements.
25

26 71 During onsite disturbance, the certificate holder shall limit truck traffic to designated
27 existing and improved road surfaces to avoid soil compaction, to the extent possible.
28

29 72 During construction, the certificate holder shall avoid impacts to waters of the state in the
30 following manner:
31 (a) The certificate holder shall avoid any disturbance, including the placement of poles for
32 the collector line, within 25 feet of the stream channel in the area identified as "S5" on
33 Figure J-1 of the Site Certificate Application.
34 (b) The certificate holder shall avoid any disturbance to the six wetland areas identified as
35 "W1" through "W6" on Figure J-1 of the Site Certificate Application [Amendment #2 LIF].
36 (c) The certificate holder shall avoid any disturbance to the stream channels identified as
37 "S24" and "S25" on Figure J-1 of the Site Certificate Application.
38 (d) Before beginning construction affecting the location identified as "S27" on Figure J-1 of
39 the Site Certificate Application, the certificate holder shall apply for and obtain a
40 Removal/Fill Permit from the Department of State Lands, which, in accordance with
41 ORS 469.401, shall issue the permit substantially in the form of Attachment F of the

1 Final Order on the Application and subject only to the conditions of this site certificate
2 including substantive requirements listed in that attachment.

3 (e) Before beginning construction of any phase of the facility, the certificate holder shall
4 determine whether any construction disturbance in that phase would occur in
5 locations not previously investigated for potential jurisdictional waters as described in
6 the Final Orders on the Application and Amendment #1 for LJF. The certificate holder
7 shall conduct pre-construction investigations to determine whether any jurisdictional
8 waters exist in those locations. The certificate holder shall submit a written report on
9 the pre-construction investigation to the Department of Energy and to the
10 Department of State Lands for approval before beginning construction of any phase of
11 the facility and shall ensure that construction of that phase would have no impact on
12 any jurisdictional water identified in the report. [AMD2]

13
14 73 During facility repower, the certificate holder shall ensure that the wash down of concrete
15 trucks occurs only at a contractor-owned batch plant or at tower foundation locations. If
16 such wash down occurs at tower foundation locations, then the certificate holder shall
17 ensure that wash down wastewater does not run off the construction site into otherwise
18 undisturbed areas and that the wastewater is disposed of on backfill piles and buried
19 underground with the backfill over the tower foundation.

20
21 74 The certificate holder shall restore areas outside the permanent footprint that are
22 disturbed during construction according to the methods and monitoring procedures
23 described in the *Revegetation Plan* that is incorporated in the *Final Order on Amendment*
24 *#2 for LJF* as Attachment F and as amended from time to time. [AMD2]

25
26 75 During facility operation, the certificate holder shall routinely inspect and maintain all
27 roads, pads and trenched areas and, as necessary, maintain or repair erosion control
28 measures. The certificate holder shall restore areas that are temporarily disturbed during
29 facility maintenance or repair activities to pre-disturbance condition or better.

30
31 76 During facility operation, the certificate holder shall obtain water for on-site uses from one
32 or more on-site wells, subject to compliance with any applicable permit requirements, not
33 exceeding 5,000 gallons per day. The certificate holder shall not change the source of
34 water for on-site uses without prior Department approval.

35
36 77 During facility operation, if blade-washing becomes necessary, the certificate holder shall
37 ensure that there is no runoff of wash water from the site or discharges to surface waters,
38 storm sewers or dry wells. The certificate holder shall not use more than 50 gallons of
39 water per blade and shall not wash more than eight turbines (24 blades) per week. The
40 certificate holder shall not use acids, bases or metal brighteners with the wash water. The
41 certificate may use biodegradable, phosphate-free cleaners sparingly.
42

6. Transmission Line & EMF Conditions

1
2 78 The certificate holder shall install the 34.5-kV collector system underground to the extent
3 practical. The certificate holder shall install underground segments of the collector system
4 at a minimum depth of three feet. Where geotechnical conditions or other engineering
5 considerations require, the certificate holder may install segments of the collector system
6 aboveground, but the total length of aboveground segments must not exceed 30 percent
7 of the collector system. The certificate holder shall construct aboveground segments of
8 the collector system using single or double circuit monopole design as described in the site
9 certificate application. [AMD2]

10
11 79 At least 30 days before beginning preparation of detailed design and specifications for the
12 electrical transmission lines, the certificate holder shall consult with the Oregon Public
13 Utility Commission staff to ensure that transmission line designs and specifications are
14 consistent with applicable codes and standards.

15
16 80 To protect public safety, the certificate holder shall design and maintain the transmission
17 lines so that:
18 (a) Alternating current electric fields during operation do not exceed 9 kV per meter at
19 one meter above the ground surface in areas accessible to the public.
20 (b) Induced voltages during operation are as low as reasonably achievable.

21
22 81 The certificate holder shall take reasonable steps to reduce or manage human exposure to
23 electromagnetic fields, including but not limited to:
24 (a) Constructing all aboveground transmission lines at least 200 feet from any residence
25 or other occupied structure.
26 (b) Ensuring that the area near the facility substation is inaccessible to the public by
27 fencing the area.
28 (c) Constructing aboveground 34.5-kV transmission lines with a minimum clearance of 25
29 feet from the ground.
30 (d) Constructing all aboveground 230-kV transmission lines with a minimum clearance of
31 30 feet from the ground.
32 (e) Providing to landowners a map of underground and overhead transmission lines on
33 their property and advising landowners of possible health risks.
34 [AMD1]

7. Plants, Wildlife & Habitat Protection Conditions

36
37 82 During operation of the facility, the certificate holder shall implement the Revegetation
38 and Noxious Weed Control Plan, as finalized under Fish and Wildlife Habitat Condition
39 109.
40

1 83 The certificate holder shall design all aboveground transmission line support structures
2 following the practices suggested by the Avian Powerline Interaction Committee (2006)
3 and shall install anti-perching devices on transmission pole tops and cross arms where the
4 poles are located within ½ mile of turbines. [AMD1]
5

6 84 The certificate holder may construct turbines and other facility components within the site
7 boundary as described in the Final Orders on the Application and Amendment #1 for the
8 LJF, subject to the following requirements addressing potential habitat impact:

- 9 (a) The certificate holder shall not construct any facility components within areas of
10 Category 1 habitat and shall avoid temporary disturbance of Category 1 habitat.
11 (b) The certificate holder shall design and construct facility components that are the
12 minimum size needed for safe operation of the energy facility.
13 (c) In the final design of the facility within microsites areas, the certificate holder shall
14 reduce impact on essential or important habitat (Category 4 and above) to the extent
15 practical.
16 (d) As a protective measure during construction, the certificate holder shall install
17 exclusion fencing around confirmed populations of sessile mousetail (identified in
18 Figure Q-3 of the site certificate application). The certificate holder shall not install
19 facility components or cause temporary disturbance within these areas. Before
20 beginning construction, the certificate holder shall verify the protected status of
21 sessile mousetail and notify the Department. If the species has been upgraded to
22 threatened or endangered under State or federal law, the certificate holder shall take
23 appropriate mitigation actions, subject to Department approval. [AMD2]
24 (e) If construction would affect locations within the microsites areas that were not
25 previously surveyed for the occurrence of State or federal threatened or endangered
26 species as described in the Final Orders on the Application and Amendment #1 for LJF,
27 the certificate holder shall conduct additional pre-construction surveys of those
28 locations, notify the Department of the findings and implement appropriate avoidance
29 or mitigation measures for any threatened or endangered species detected, subject to
30 Department approval.

31 [AMD2]
32

33 85 The certificate holder shall implement measures to mitigate impacts to sensitive wildlife
34 habitat during construction and operation including, but not limited to, the following:

- 35 (a) Preparing maps to show sensitive areas, such as nesting or denning areas for sensitive
36 wildlife species, that are off limits to construction personnel.
37 (b) Before beginning construction of any phase of the facility, the certificate holder shall
38 have a qualified biologist place exclusion markers around sensitive wildlife habitat
39 areas for that phase of construction, including Category 1 Washington ground squirrel
40 (WGS) areas and an appropriate buffer around these areas. The certificate holder shall
41 maintain the exclusion markings until that phase of construction has been completed.
42 (c) Ensuring that a qualified person instructs construction and operations personnel to be
43 aware of wildlife in the area and to take precautions to avoid injuring or destroying
44 wildlife or sensitive wildlife habitat.

- (d) Avoiding unnecessary road construction, temporary disturbance and vehicle use.
- (e) Posting and maintaining speed limit signs (not to exceed 20 miles per hour) on access roads throughout the site. The certificate holder shall ensure that all construction and operations personnel are instructed to observe caution when driving in the facility area to avoid injury or disturbance to wildlife enforce and for personal safety.

[AMD1]

86 During facility repower, the certificate holder shall protect the area within a 1300-foot buffer around active nests of the following species during the sensitive period, as provided in this condition:

<u>Species</u>	<u>Sensitive Period</u>	<u>Early Release Date</u>
Swainson’s hawk	April 1 to August 15	May 31
Ferruginous hawk	March 15 to August 15	May 31
Burrowing owl	April 1 to August 15	July 15

During the year in which the repower occurs, the certificate holder shall use a protocol approved by the Oregon Department of Fish and Wildlife (ODFW) to determine whether there are any active nests of these species within a half-mile of any areas that would be disturbed during construction of that phase. If a nest is occupied by any of these species after the beginning of the sensitive period, the certificate holder shall not engage in high-impact construction activities (activities that involve blasting, grading or other major ground disturbance) or allow high levels of construction traffic within 1300 feet of the nest site. In addition, the certificate holder will flag the boundaries of the 1300-foot buffer area and shall instruct construction personnel to avoid any unnecessary activity within the buffer area. The certificate holder shall hire an independent biological monitor to observe the active nest sites during the sensitive period for signs of disturbance and to notify the Department of any non-compliance with this condition. If the monitor observes nest site abandonment or other adverse impact to nesting activity, the certificate holder shall implement appropriate mitigation, in consultation with ODFW and subject to the approval of the Department, unless the adverse impact is clearly shown to have a cause other than construction activity. The certificate holder may begin or resume high-impact construction activities before the ending day of the sensitive period if any known nest site is not occupied by the early release date. If a nest site is occupied, then the certificate holder may begin or resume high-impact construction before the ending day of the sensitive period with the approval of ODFW, after the young are fledged. The certificate holder shall use a protocol approved by ODFW to determine when the young are fledged (the young are independent of the core nest site).

[AMD1]

87 The certificate holder shall conduct wildlife monitoring as described in the *Wildlife Monitoring and Mitigation Plan* that is incorporated in the *Final Order on Amendment #3 for LJF* as Attachment I and as amended from time to time. [AMD2, AMD3]

88 Before beginning construction of the LJIIA components as described in the *Final Order on Amendment #1 for LJF*, the certificate holder shall obtain an Incidental Take Permit (ITP)

1 letter from the Oregon Department of Fish and Wildlife (ODFW) that incorporates the
2 terms and commitments of the ITP application as set forth in Attachment E of the Final
3 Order on the Application. [AMD2]

4 **89** The certificate holder shall acquire the legal right to create, enhance, maintain and protect
5 a habitat mitigation area as long as the site certificate is in effect by means of an outright
6 purchase, conservation easement or similar conveyance and shall provide a copy of the
7 documentation to the Department. Within the habitat mitigation area, the certificate
8 holder shall improve the habitat quality as described in the *Habitat Mitigation Plan* as
9 finalized under Fish and Wildlife Habitat Condition 110, and as amended from time to
10 time. [AMD2, AMD3]

8. Visual Effects Conditions

11 **90** To reduce the visual impact of the facility, the certificate holder shall:

- 12 (a) Mount nacelles on smooth steel towers, painted uniformly in a neutral white color.
- 13 (b) Paint substation structures in a neutral color to blend with the surrounding landscape.
- 14 (c) Not allow any advertising on any part of the facility.
- 15 (d) Use only those signs required for facility safety or required by law, except that the
- 16 certificate holder may erect a sign to identify the facility.
- 17 (e) Maintain any signs allowed under this condition in good repair.

18 **91** The certificate holder shall design and construct the operation and maintenance buildings
19 to be generally consistent with the character of similar buildings used by commercial
20 farmers or ranchers in the area and shall paint the building in a neutral color to blend with
21 the surrounding landscape.

22 **92** The certificate holder shall not use exterior lighting at the facility except:

- 23 (a) The minimum turbine tower lighting required or recommended by the Federal
- 24 Aviation Administration.
- 25 (b) Security lighting at the operations and maintenance buildings and at the substations,
- 26 provided that such lighting is shielded or downward-directed to reduce glare.
- 27 (c) Minimum lighting necessary for repairs or emergencies.
- 28 (d) Minimum lighting necessary for construction directed to illuminate the work area and
- 29 shielded or downward-directed to reduce glare.

30 [AMD1]

9. Noise Control Conditions

32
33 **93** To reduce noise impacts at nearby residential areas, the certificate holder shall:

- 34 (a) Confine the noisiest operation of heavy construction equipment to the daylight hours.
- 35 (b) Require contractors to install and maintain exhaust mufflers on all combustion engine-
- 36 powered equipment; and
- 37 (c) Establish a complaint response system at the construction manager's office to address
- 38 noise complaints.

1 94 Before beginning construction of any phase of the facility, the certificate holder shall
2 provide to the Department:
3 (a) Information that identifies the final design locations of all turbines to be built in that
4 phase of construction.
5 (b) The maximum sound power level of the turbines and substation transformers based
6 on manufacturers' warranties or confirmed by other means acceptable to the
7 Department.
8 (c) The results of noise analysis of the facility to be built according to the final design
9 performed in a manner consistent with the requirements of OAR 340-035-
10 0035(1)(b)(B)(iii)(IV) and (VI) demonstrating to the satisfaction of the Department that
11 the total noise generated by the facility (including the noise from turbines and
12 substation transformers) would meet the ambient noise degradation test and
13 maximum allowable test at the appropriate measurement point for all potentially-
14 affected noise sensitive properties.

15
16 (d) For each noise-sensitive property where the certificate holder relies on a noise waiver
17 to demonstrate compliance in accordance with OAR 340-035-0035(1)(b)(B)(iii)(III), a
18 copy of the a legally effective easement or real covenant pursuant to which the owner
19 of the property authorizes the certificate holder's operation of the facility to increase
20 ambient statistical noise levels L₁₀ and L₅₀ by more than 10 dBA at the appropriate
21 measurement point. The legally-effective easement or real covenant must: include a
22 legal description of the burdened property (the noise sensitive property); be recorded
23 in the real property records of the county; expressly benefit the certificate holder;
24 expressly run with the land and bind all future owners, lessees or holders of any
25 interest in the burdened property; and not be subject to revocation without the
26 certificate holder's written approval.

27 [Amendment #1 LJF]
28

29 95 During operation, the certificate holder shall maintain a complaint response system to
30 address noise complaints. The certificate holder shall promptly notify the Department of
31 any complaints received regarding facility noise and of any actions taken by the certificate
32 holder to address those complaints.
33

34 **10. Waste Management Conditions**

35 96 The certificate holder shall provide portable toilets for on-site sewage handling during
36 construction and shall ensure that they are pumped and cleaned regularly by a licensed
37 contractor who is qualified to pump and clean portable toilet facilities.
38

39 97 During operation, the certificate holder shall discharge sanitary wastewater generated at
40 the O&M building to a licensed on-site septic system in compliance with county permit
41 requirements. The certificate holder shall design the septic system design with a capacity
42 that is less than 2,500 gallons per day.
43

1 98 The certificate holder shall implement a waste management plan during construction that
2 includes but is not limited to the following measures:

- 3 (a) Training construction personnel to minimize and recycle solid waste.
- 4 (b) Minimizing the generation of wastes from construction through detailed estimating of
5 materials needs and through efficient construction practices.
- 6 (c) Recycling steel and other metal scrap.
- 7 (d) Recycling wood waste.
- 8 (e) Recycling packaging wastes such as paper and cardboard.
- 9 (f) Collecting non-recyclable waste for transport to a landfill by a licensed waste hauler.
- 10 (g) Segregating all hazardous wastes such as used oil, oily rags and oil-absorbent
11 materials, mercury-containing lights and lead-acid and nickel-cadmium batteries for
12 disposal by a licensed firm specializing in the proper recycling or disposal of hazardous
13 wastes.

14
15 99 The certificate holder may dispose of waste concrete on site with the permission of the
16 landowner and in accordance with OAR 340-093-0080 and other applicable regulations.
17 The certificate holder shall dispose of waste concrete on site by placing the material in an
18 excavated hole, covering it with at least three feet of topsoil and grading the area to
19 match existing contours. If the waste concrete is not disposed of on site, the certificate
20 holder shall arrange for proper disposal in a landfill.

21
22 100 The certificate holder shall implement a waste management plan during operation that
23 includes but is not limited to the following measures:
24 (a) Training employees to minimize and recycle solid waste.
25 (b) Recycling paper products, metals, glass and plastics.
26 (c) Recycling used oil and hydraulic fluid.
27 (d) Collecting non-recyclable waste for transport to a landfill by a licensed waste hauler.
28 (e) Segregating all hazardous, non-recyclable wastes such as used oil, oily rags and oil-
29 absorbent materials, mercury-containing lights and lead-acid and nickel-cadmium
30 batteries for disposal by a licensed firm specializing in the proper recycling or disposal
31 of hazardous wastes.

32
33 101 [Condition deleted by Amendment 2 LJF]

34 102 [Condition deleted by Amendment 2 LJF]

35 103 [Condition deleted by Amendment 2 LJF]

36 104 [Condition deleted by Amendment 2 LJF]

1
2
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4
VI. SUCCESSORS AND ASSIGNS

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

5
6
7
8
9
10
VII. SEVERABILITY AND CONSTRUCTION

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

11
12
13
14
VIII. GOVERNING LAW AND FORUM


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

15
16
17
18
19
IX. EXECUTION

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

20
21
22
23
IN WITNESS WHEREOF, this site certificate has been executed by the State of Oregon, acting by and through its Energy Facility Siting Council, and by Leaning Juniper Wind Power II, LLC, a wholly owned subsidiary of Avangrid Renewables, LLC.


ENERGY FACILITY SITING COUNCIL

By: 
Kent Howe (Jun 12, 2024 23:14 PDT)

Kent Howe, Chair
Oregon Energy Facility Siting Council

Date: 12-Jun-2024


LEANING JUNIPER WIND POWER II, LLC

By: 
Sara M Parsons (Jun 12, 2024 15:09 PDT)

Print: Sara M Parsons

Date: 12-Jun-2024

and

By: 

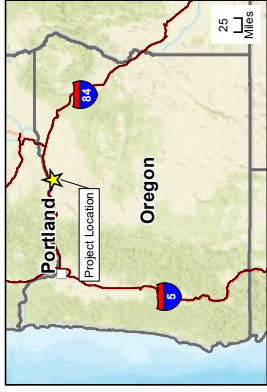
Print: Stephanie La Pier

Date: 12-Jun-2024

and

By: 

Figure 1: Facility Site/Site Boundary



- Legend**
- Site Boundary
 - Existing Turbine

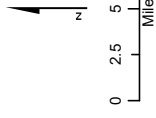
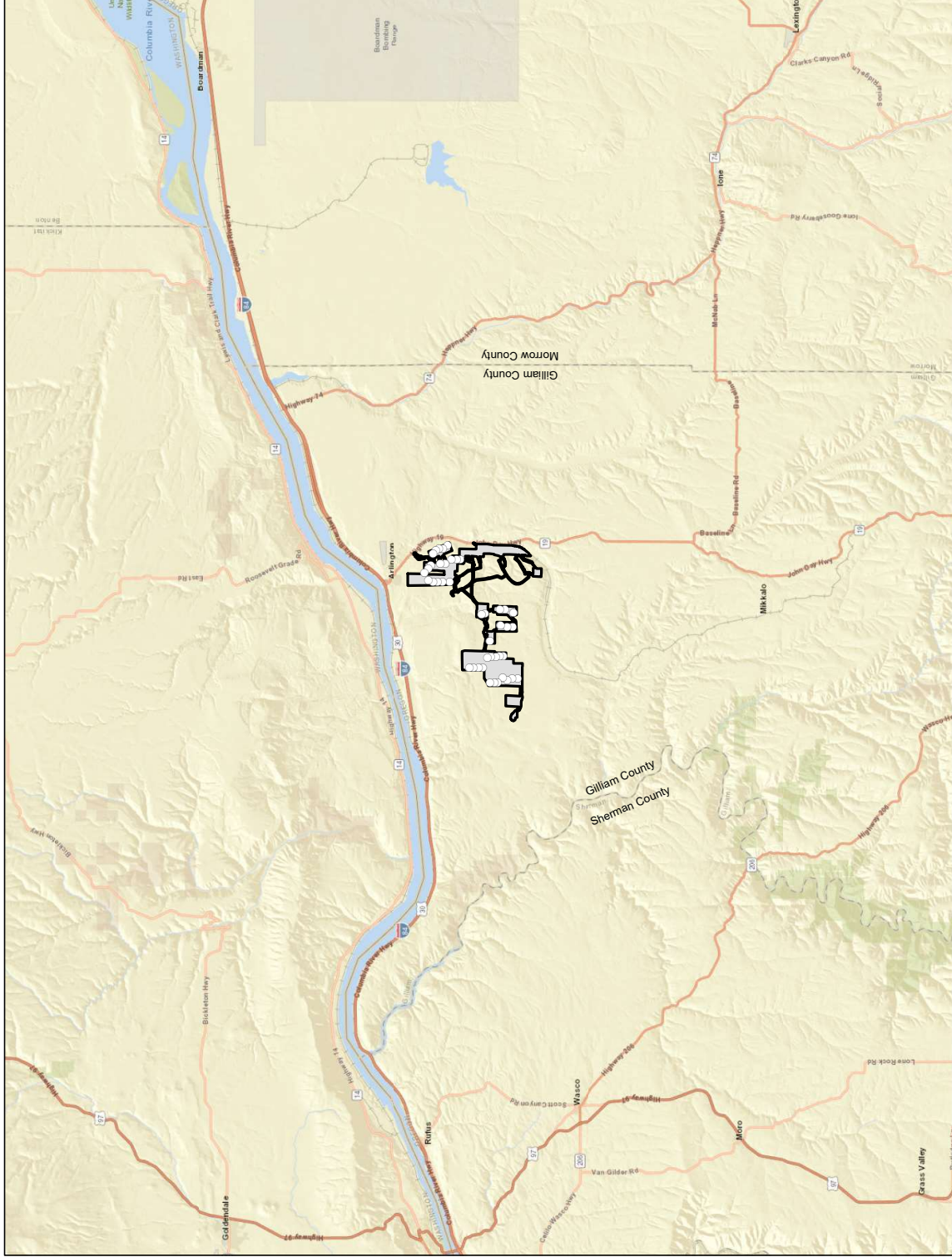


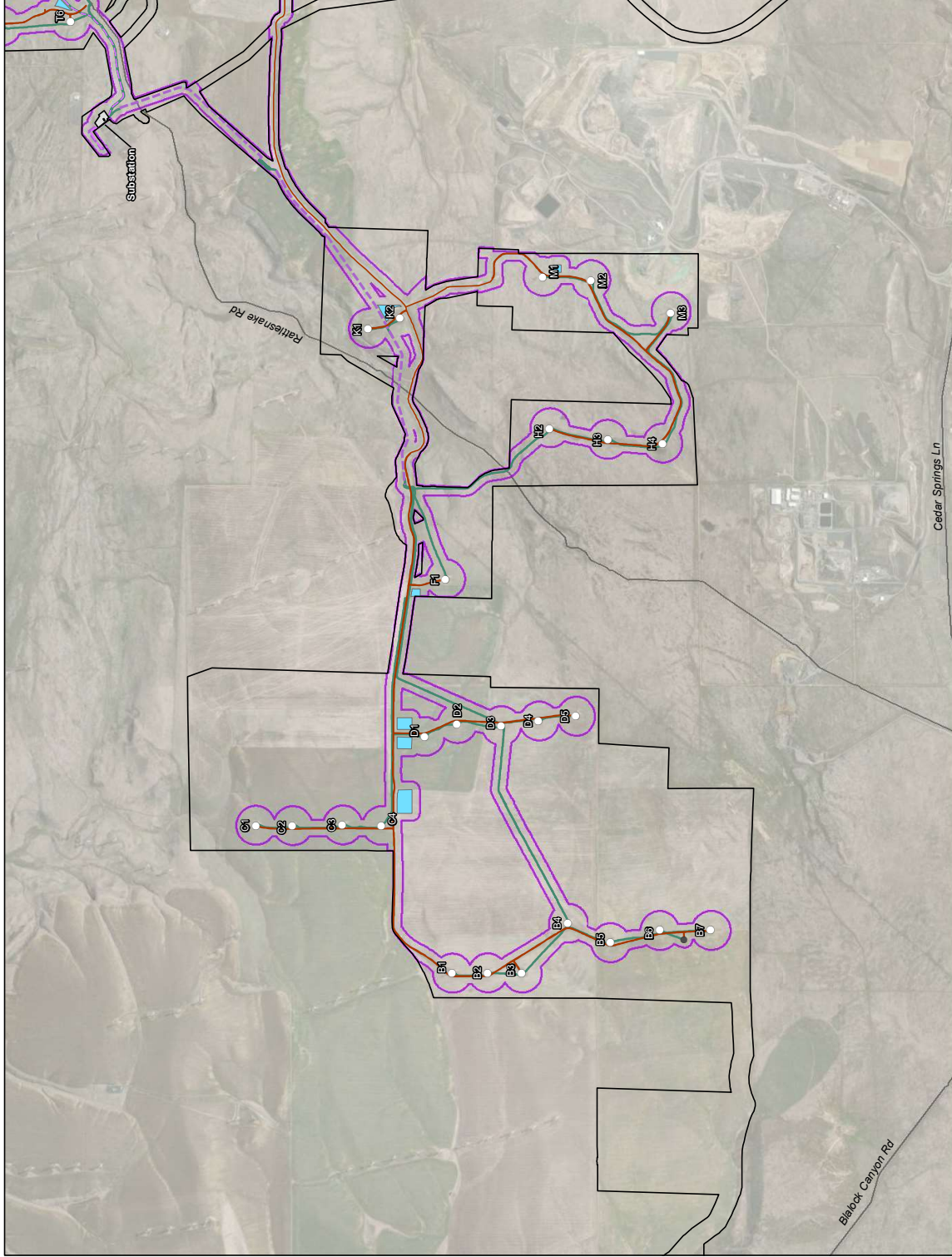
Figure 1
Facility Site Vicinity Map
 Request for Amendment No. 3
 Leaning Juniper IIA Wind Power Facility
 Gilliam County, Oregon

Jacobs



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Figure 2: Facility Repower Corridor (Southwestern Portion)



- Legend**
- Site Boundary
 - Repower Corridor
 - Existing Turbine
 - Existing Met Tower
 - Existing Substation or O&M Facility
 - Existing Fiber Optic Line
 - Existing Overhead Electrical Line
 - Existing Underground Electrical Line
 - Existing Access Road
 - Temporary Laydown or Crane Assembly

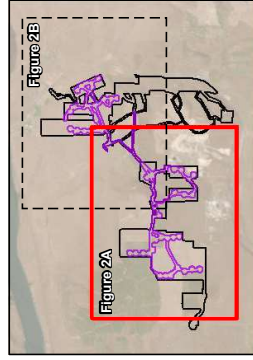
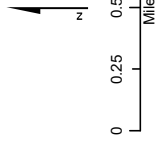
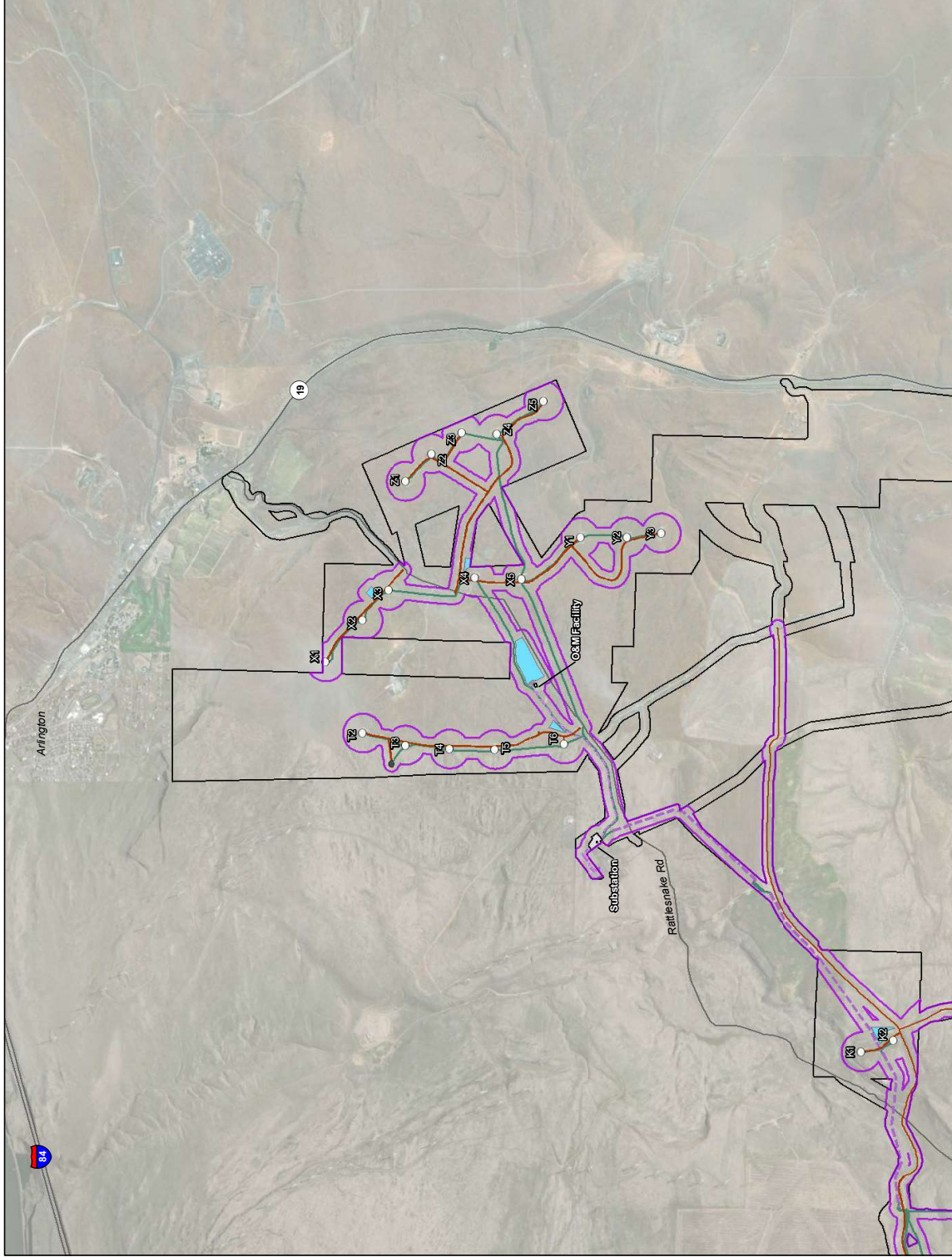


Figure 2A
Area Subject to RFA3 with Site Boundary –
Southwestern Portion –
Request for Amendment No. 3
Leaning Juniper I/A Wind Power Facility
 Gilliam County, Oregon

Jacobs

Figure 3: Facility Repower Corridor (Northeastern Portion)



- Legend**
- Site Boundary
 - ▭ Repower Corridor
 - Existing Turbine
 - Existing Met Tower
 - ▭ Existing Substation or O&M Facility
 - Existing Fiber Optic Line
 - Existing Overhead Electrical Line
 - Existing Underground Electrical Line
 - Existing Access Road
 - ▭ Temporary Laydown or Crane Assembly

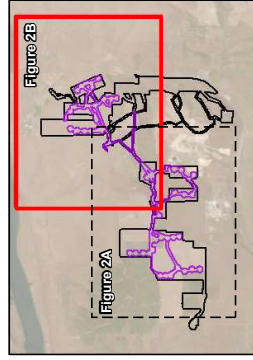
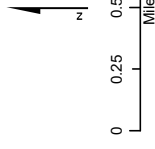


Figure 2B
 Area Subject to RFA3 with Site Boundary –
 Northeastern Portion
 Request for Amendment No. 3
 Learning Juniper IIA Wind Power Facility
 Gilliam County, Oregon

Jacobs

Signature: 
Megan Chang (Jun 14, 2024 12:36 PM)
Email: megan.chang@avangrid.com