

Oregon Department of **ENERGY**

Energy Facility Siting
Council Meeting

Columbia Gorge
Discovery Center
5000 Discover Drive
The Dalles, OR

December 14, 2018



Opening Items:

- Call to Order
- Roll Call
- Announcements

Announcements:

- For those attending in person:
 - Comment Registration Cards are available on the table.
 - GovDelivery Sign Up Cards to receive project information by email are also on the table
- Those participating via the AT&T phone line, please mute your phone and if you receive a phone call, please hang up from this call and dial back in after finishing your other call

Announcements continued:

- If you would like to address the Council, please do not use the speaker phone feature, because it will create feedback
- For those signed onto the webinar, please do not broadcast your webcam
- Please silence your cell phones
- Energy Facility Council meetings shall be conducted in a respectful and courteous manner where everyone is allowed to state their positions at the appropriate times consistent with Council rules and procedures. Willful accusatory, offensive, insulting, threatening, insolent, or slanderous comments which disrupt the Council meeting are not acceptable. Pursuant to Oregon Administrative Rule 345-011-0080, any person who engages in unacceptable conduct which disrupts the meeting may be expelled.

Agenda Item A

- Council Secretary Report



<https://www.oregon.gov/energy/Data-and-Reports/Documents/2018-Biennial-Energy-Report.PDF>

Agenda Item B (Action Item)

Wheatridge Wind Energy Facility: Request for Amendment 2 of the Site Certificate

December 14, 2018

Sarah Esterson, Senior Siting Analyst

Facility Overview

Certificate Holder:	Wheatridge Wind Energy LLC
Certificate Holder Parent Company:	NextEra Energy Resources LLC
Type of Facility (Approved, not yet constructed):	500 MW wind; 292 wind turbines
Related or Supporting Facilities:	<ul style="list-style-type: none">- substations- O&M buildings- meteorological towers- power collection system- transmission lines- SCADA- access roads

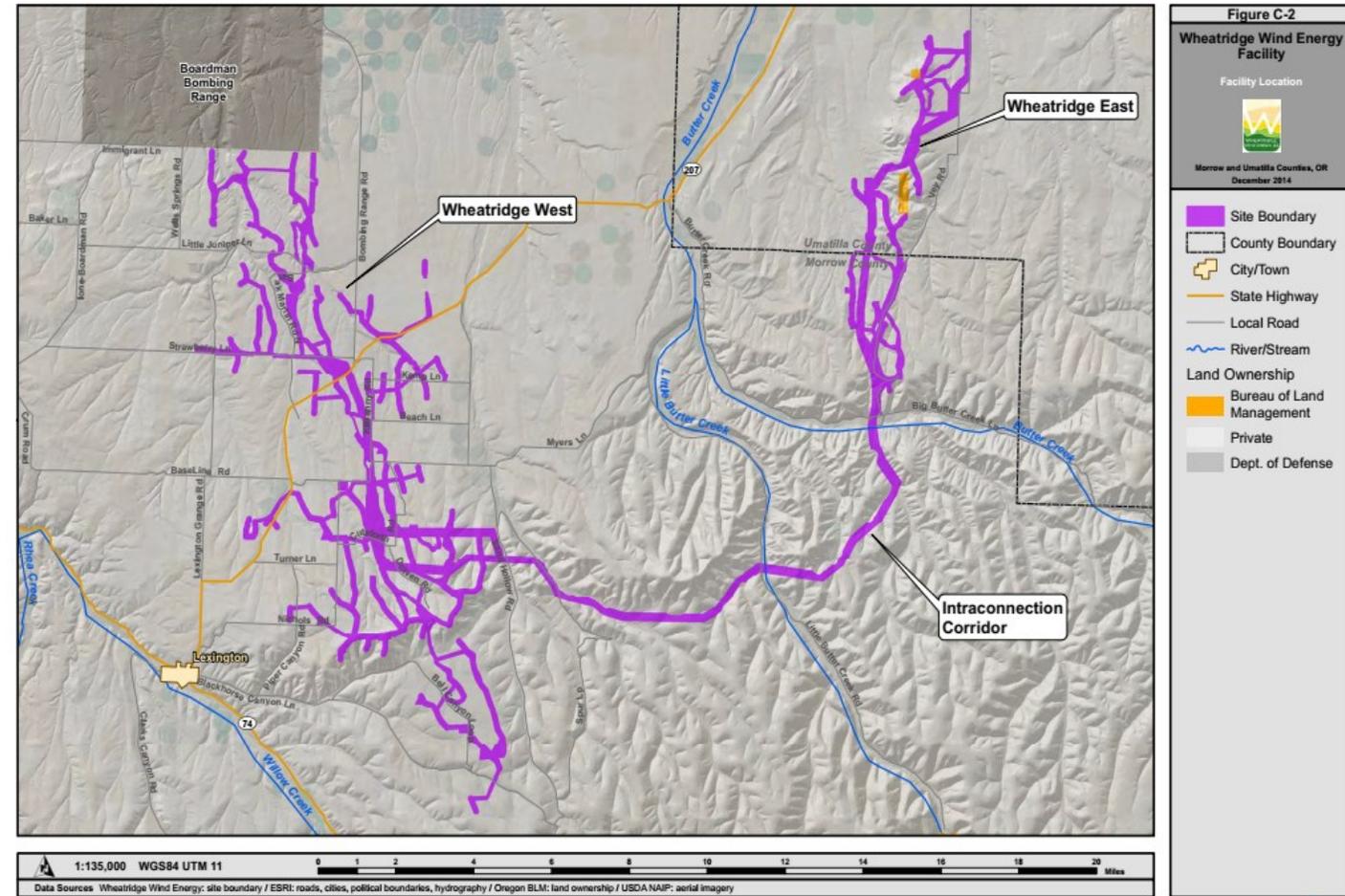
Facility Site/Site Boundary Location

Site Boundary

- Approximately 13,000 acres
- Private land, within Morrow/Umatilla counties

Site Certificate History

- Site Certificate effective May 2017
- One previous amendment (Aug 2017)
 - Transfer of certificate holder owner



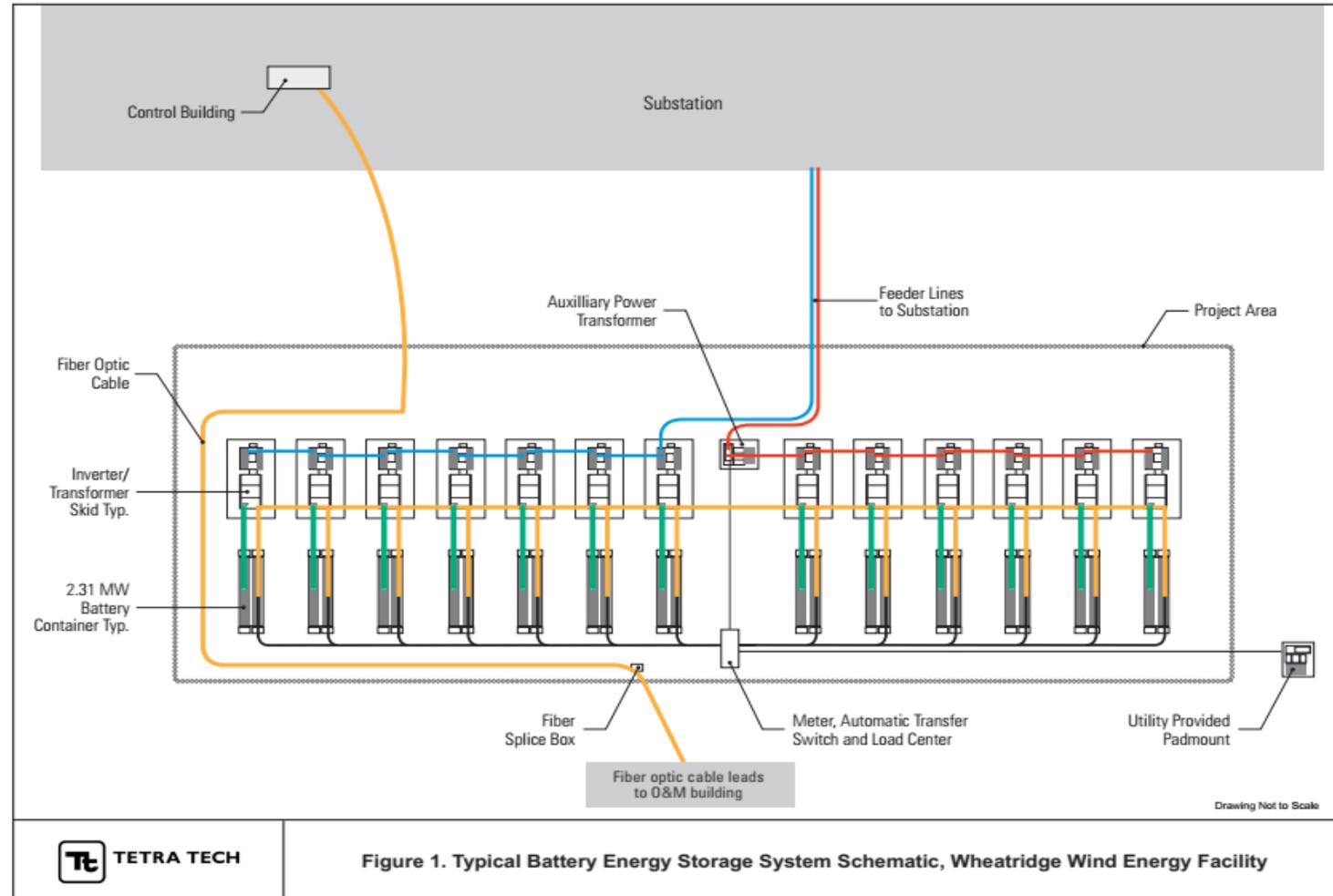
RFA2 Procedural History

Requirement	Responsible Party	Date
Preliminary RFA2 Received	Certificate Holder	May 18, 2018
Complete RFA2 Received	Certificate Holder	Sept 17, 2018
Draft Proposed Order Issued	ODOE	Sept 21, 2018
Comment Period (34-days)	ODOE	Sept 21 – Oct 25, 2018
Public Hearing	EFSC	Oct 25, 2018
Council Review of Draft Proposed Order	EFSC	Oct 26, 2018
Proposed Order/Public Notice and Notice of Contested Case Issued	ODOE	Nov 1, 2018
Final Order/Amended Site Certificate	EFSC	TBD

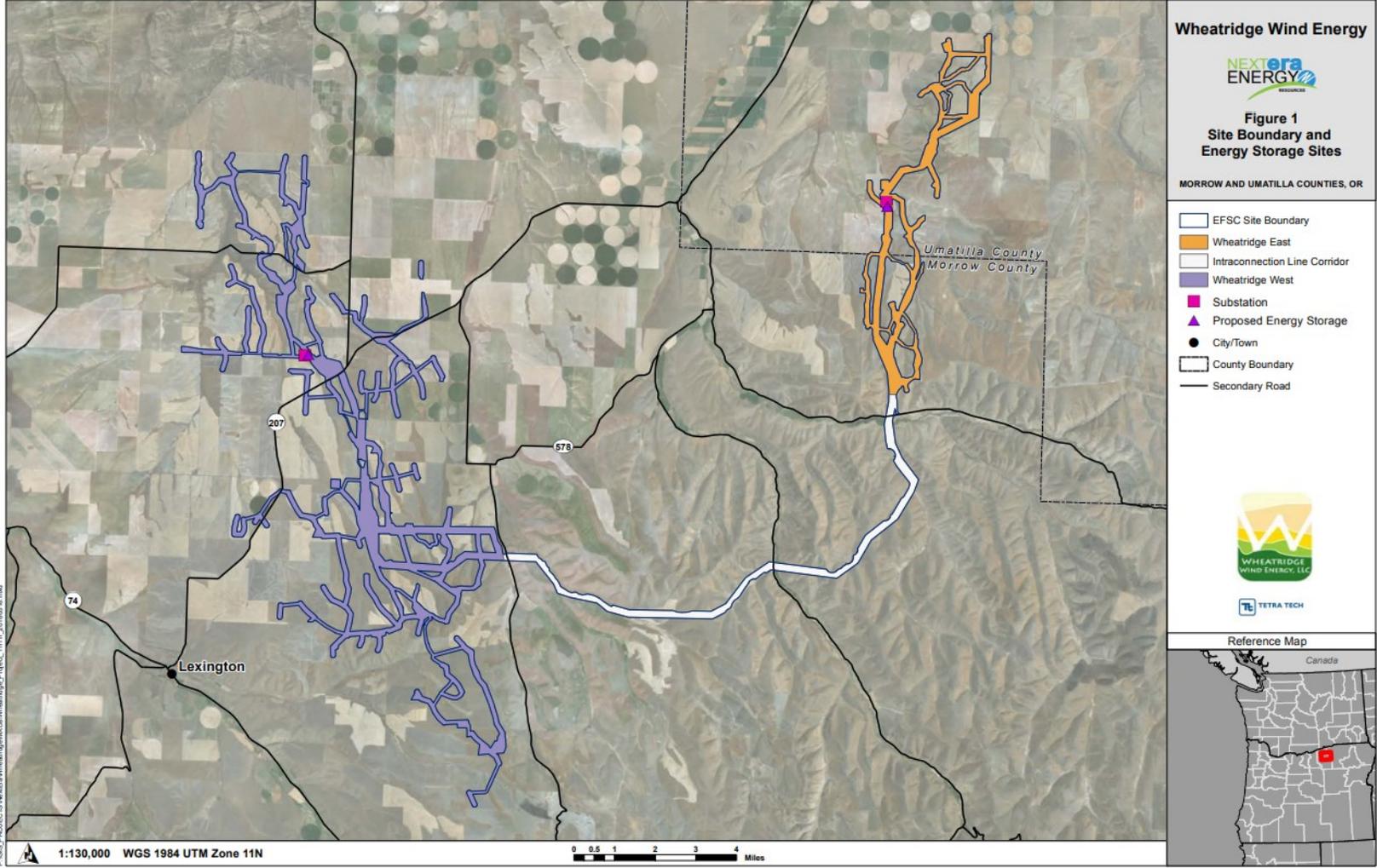
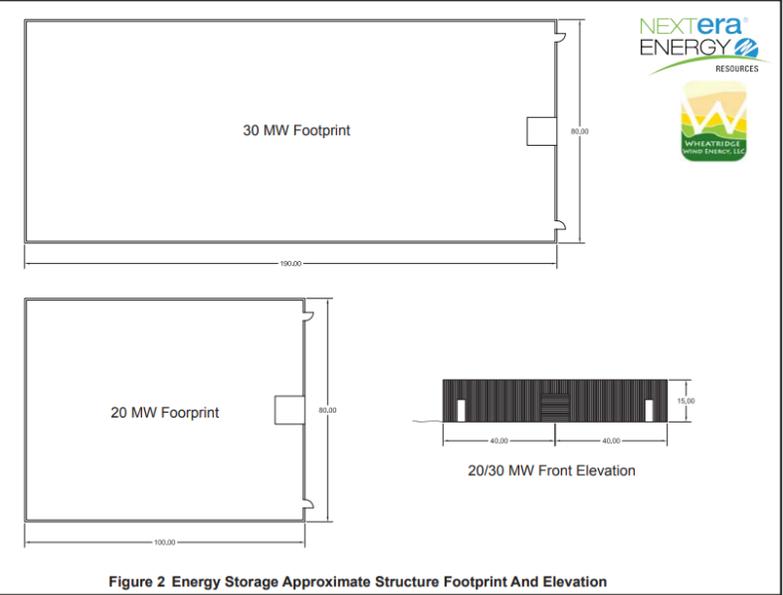
RFA2– Proposed Modifications

Related or Supporting Facilities:

- Two battery storage systems
 - Interconnection facilities
 - Fire suppression systems
 - Cooling systems



RFA2– Proposed Battery Storage Facilities



Council Scope of Review on Proposed Order

Option 1

- Approve Proposed Order and adopt Final Order

Option 2

- Approve Proposed Order with Modifications and adopt Final Order

Option 3

- Deny Proposed Order, direct staff to make changes and re-issue Proposed Order

Review of Proposed Order

In Response to Draft Proposed Order Comments – Changes and Response made to:

- III.B. Organizational Expertise
- III.E. Land Use
- III.I. Threatened and Endangered Species
- III.M. Public Services
- III.Q.1. Noise Control Regulation

Staff Recommendations

- Council adopt proposed order as final order; issue amended site certificate

Agenda Item C

PUBLIC COMMENT

BREAK

Agenda Item D (Action Item)

Carty Generating Station: Request for Amendment 1 of the Site Certificate

December 14, 2018

Sarah Esterson, Senior Siting Analyst

Facility Overview

Certificate Holder:

Portland General Electric

Type of Facility
(Operational):

450 MW natural gas (Unit 1)

Related or Supporting Facilities:

- Grassland switchyard
- 500 kV transmission line; utility lines
- Liquid storage facilities
- Interconnecting pipelines; sewer lines
- Accessory buildings
- Roads; laydown areas

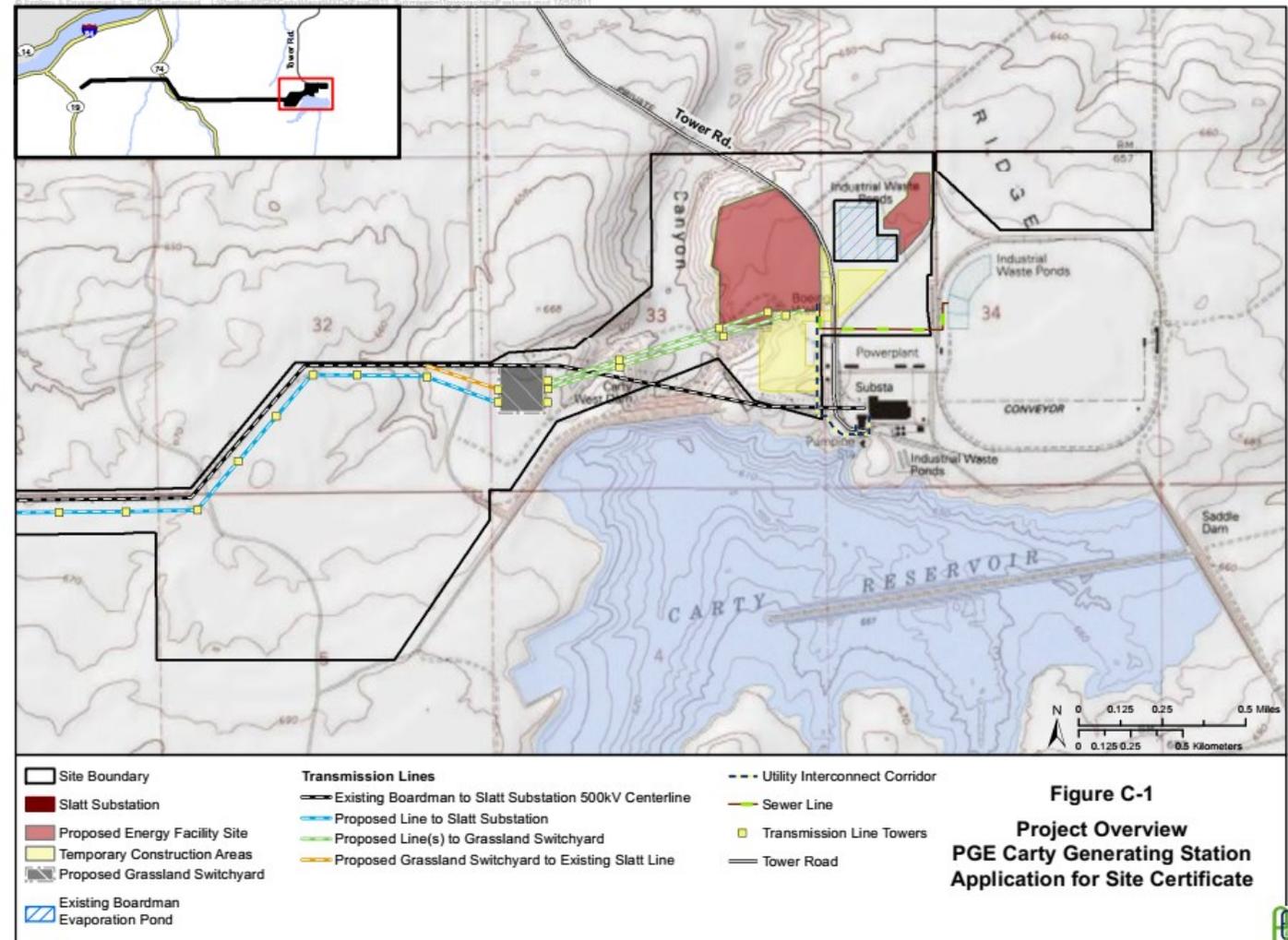
Facility Site/Site Boundary Location

Site Boundary

- Approximately 2,400 acres
- Morrow/Gilliam counties

Site Certificate History

- Site Certificate effective July 2012

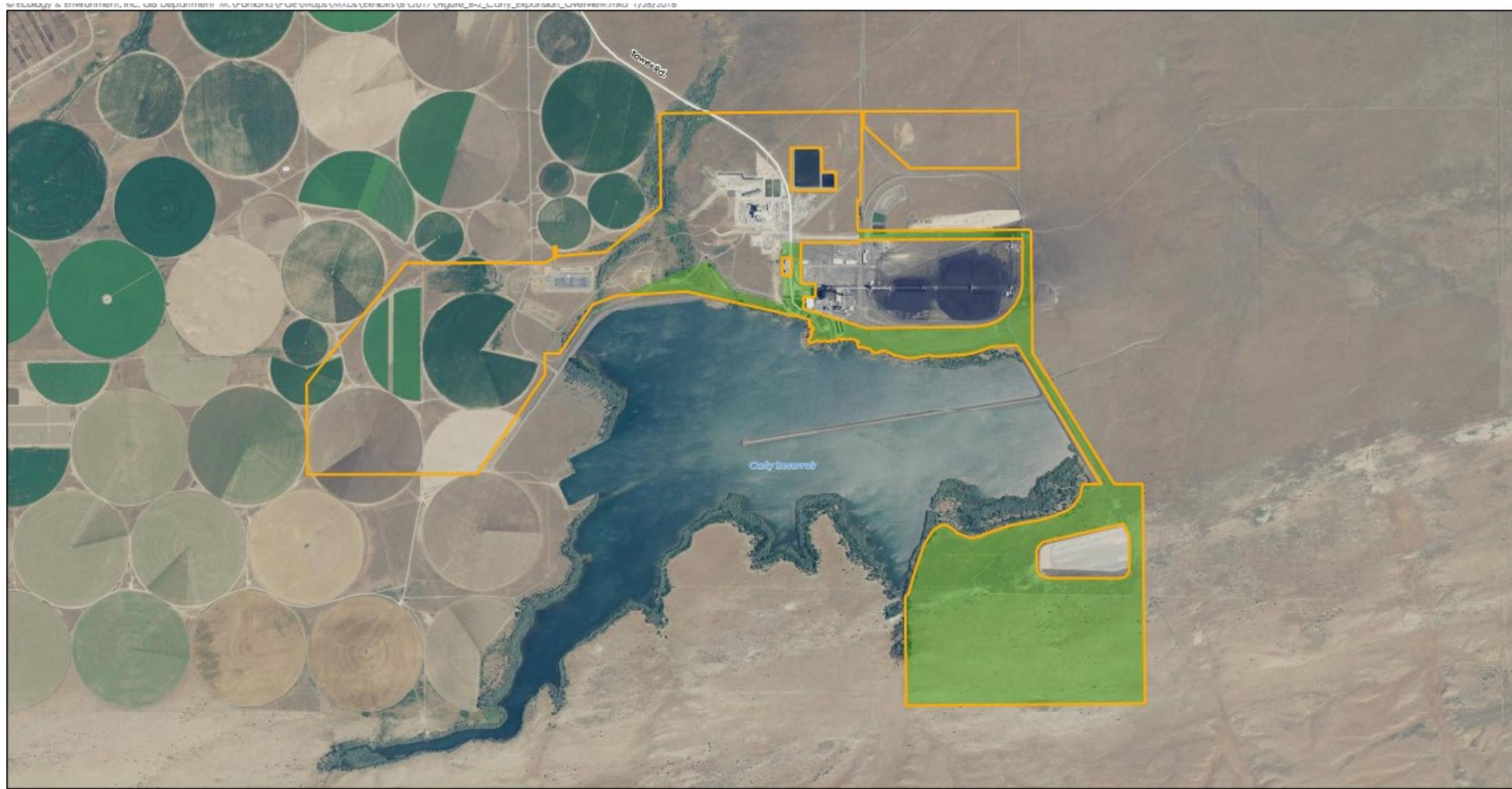


RFA1 Procedural History

Requirement	Responsible Party	Date
Initial Amendment Request Received	Certificate Holder	Aug 29, 2016
Public Notice Issued	ODOE	Sept 1, 2016
Revised Amendment Request Received	Certificate Holder	Feb 20, 2018
Public Notice Issued	ODOE	Mar 5, 2018
Proposed Order/Notice Issued	ODOE	Nov 9, 2018
Comment Period/Opportunity to Request a Contested Case (31-days)	ODOE	Nov 9 – Dec 10, 2018
Council Review of Proposed Order	EFSC	Dec 14, 2018
Final Order/Amended Site Certificate	EFSC	TBD

RFA 1– Proposed Modifications

- 50 megawatt (MW) photovoltaic solar unit on approximately 315 acres;
- 34.5 kilovolt (kV) interconnection transmission line;
- Five interconnection transmission line routing options and three interconnection options;
- Use of temporary construction laydown and parking areas;
- Removal of reference to Unit 2, Unit 2 associated components, and Unit 2 related and supporting facilities;
- Amendment of the site boundary
- Amend Water Pollution Control Facilities Permit
- Amendment and removal of several site certificate conditions.



- Amended Site Boundary
- Carty Site Boundary Expansion Areas

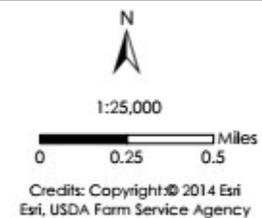
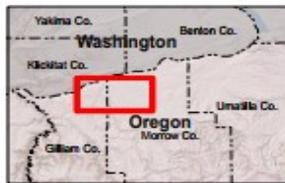
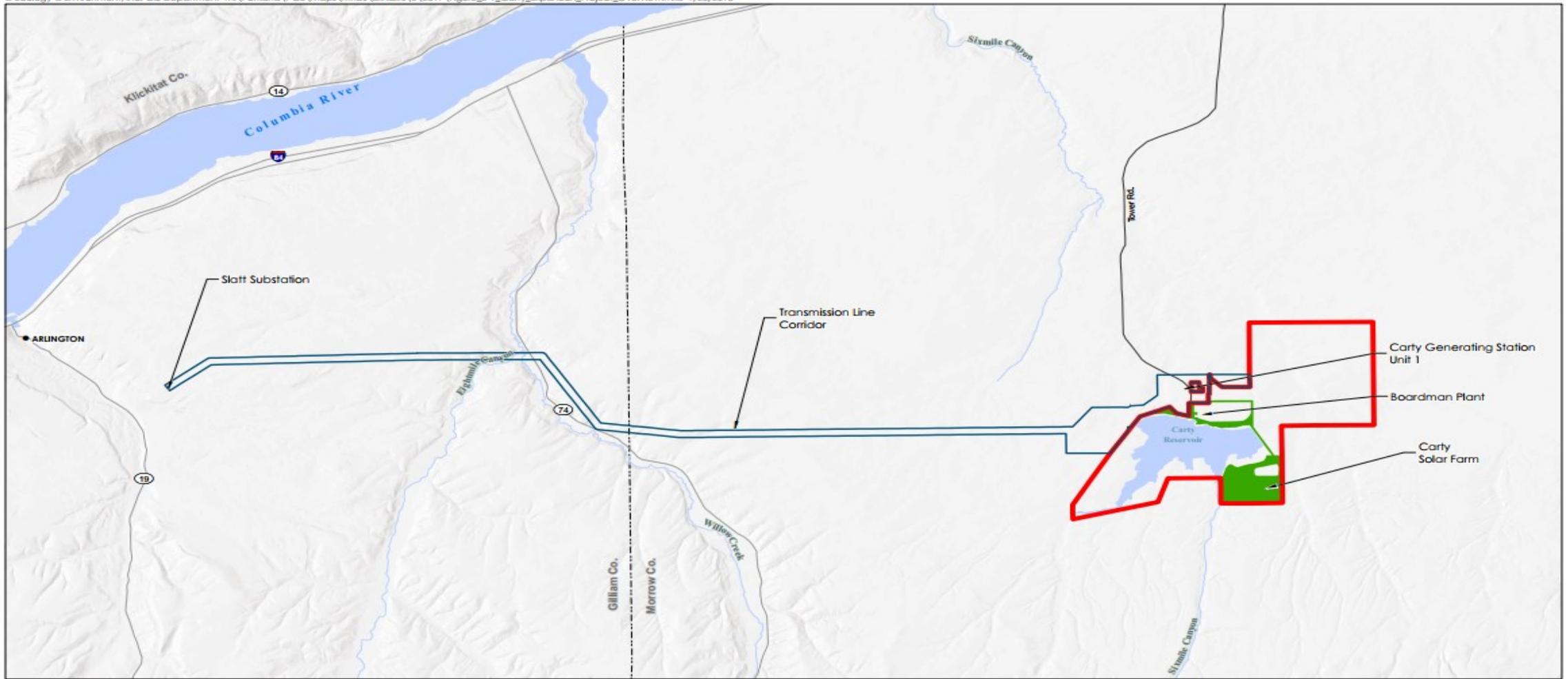


Figure B-2
 Site Overview and
 Amended Site Boundary

Request for Amendment No. 1
 Carty Generating Station Site Certificate
 Portland General Electric Company
 February 2018



- Original Carty Generating Station Site Boundary
- Boardman Plant Site Boundary
- Carty Site Boundary Expansion Areas

Note: Portions of the Carty Site Boundary Expansion Areas are overlapping with Boardman Site Boundary Areas.

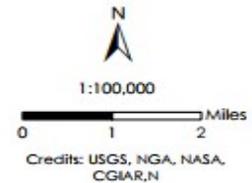
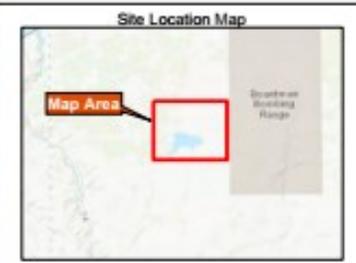
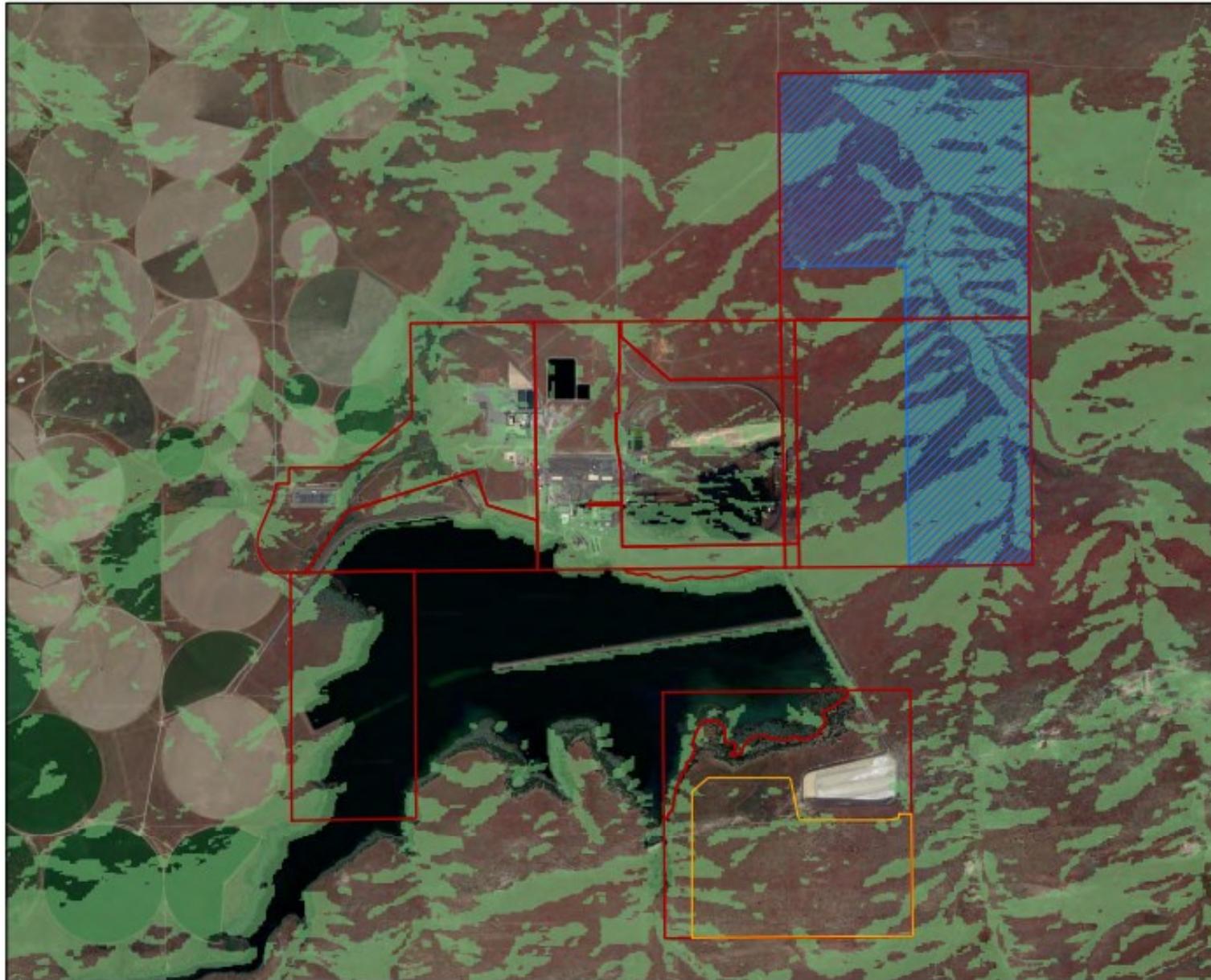


Figure B-1
Overview of Original
Site Boundary and Proposed
Expansion Areas

Request for Amendment No. 1
Carty Generating Station Site Certificate
Portland General Electric Company
February 2018

Review of Proposed Order



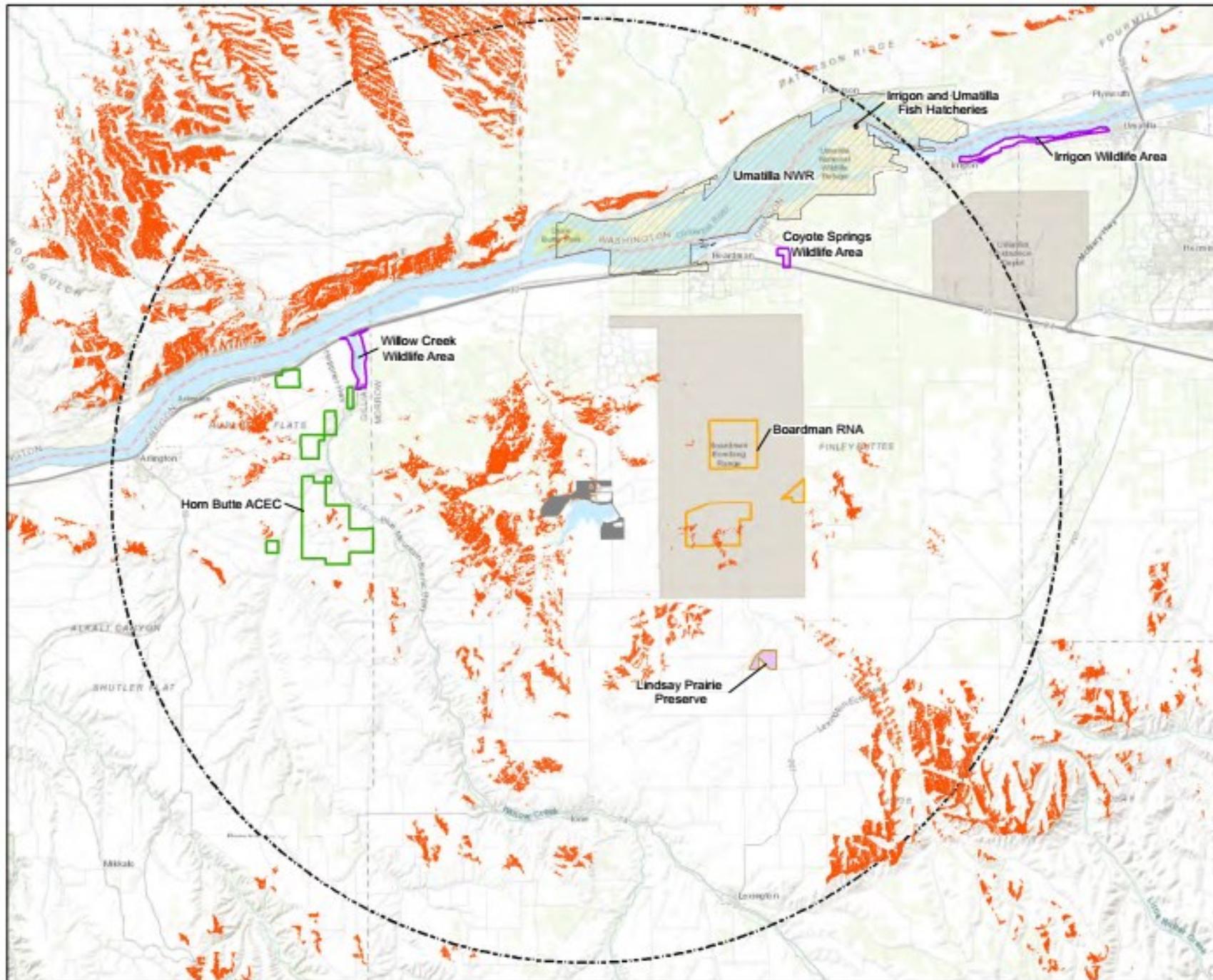
- Map Features**
- High-Value Farmland¹
 - Proposed Solar Farm Boundary
 - PGE Parcels²
 - PGE Conservation Easement

- Notes:**
1. Areas that are within the Columbia AVA and meet the criteria of ORS 195.300(10)(f)
 2. Parcels owned or co-owned by PGE

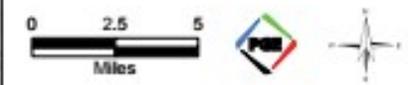


Portland General Electric
 Portland, Oregon
 Figure K-3
Columbia AVA High-value Farmland on PGE Owned Land
 Request for Amendment No. 1
 Carty Generating Station Site Certificate

Drawing No. MSB019	Drawing Date 2011
Drawing File J:\Carty\Map\Map\Carty_Solar_Fig_K_3.dwg	Title



- Map Features**
- Area Where Site Could Be Visible
 - State Wildlife and Management Areas
 - 20-Mile Analysis Area
 - Lindsay Prairie Preserve
 - Fish Hatchery
 - Boardman Research Natural Area
 - Umatilla National Wildlife Refuge (NWR)
 - Horn Butte ACEC
 - Amended Site Boundary Area



Portland General Electric
 Portland, Oregon
 Figure L-2
Visual Impact to Protected Areas
 Request for Amendment No. 1
 Carty Generating Station Site Certificate

Date: 02/20/2018	Drawn By: JKH	Title:
Drawing File: J:\Carty\Map\ACEC_Solar_Fig_L_2.mxd		



- Transmission Line Options
- Amended Site Boundary
- Existing Permanent Feature
- Existing and Proposed Temporary Disturbance
- Proposed Permanent Feature

- PGE MSCAA Conservation Area
- Boardman Station HMA
- Carty Generating Station HMA
- HMA for Unit 1
- HMA for Carty Solar Farm

Note: the Solar Farm Mitigation Area is shown to depict approximate size and location. Final size and location will be determined prior to construction.

- Habitat Categories in the HMA for Carty Solar Farm
- Category 1 Habitat (Essential, Limited & Irreplaceable) - WGS 2016 and/or 2017 occupied range
 - Category 2 Habitat (Essential and Limited) - Potential WGS Habitat within 300m of category 1 habitat
 - Category 3 Habitat (Important and Limited) - Potential WGS Habitat within 1,200m of category 2 habitat

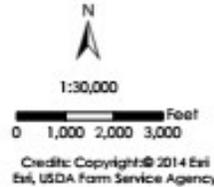
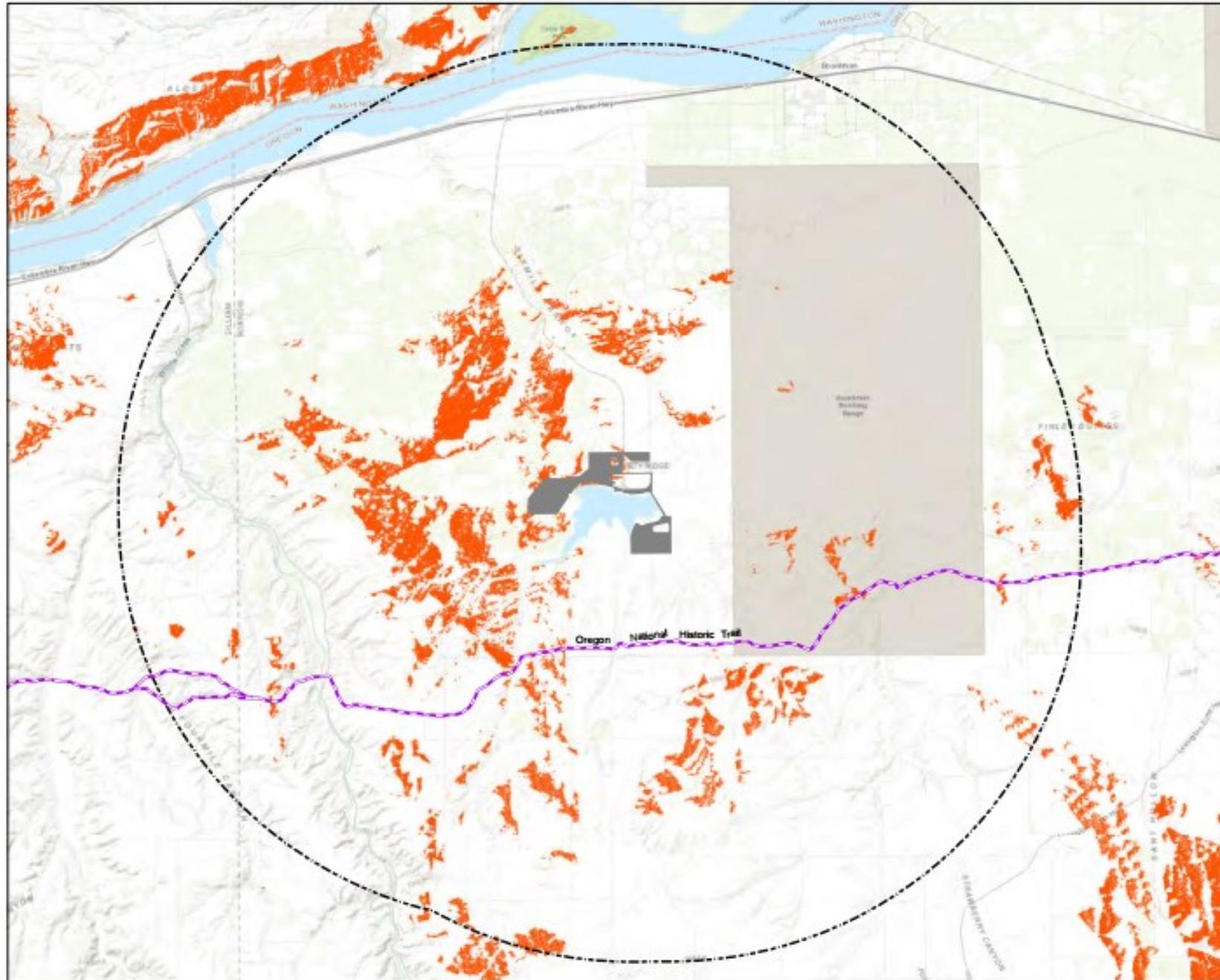


Figure 1
Habitat Mitigation Areas

Request for Amendment No. 1
Carty Generating Station Site Certificate
Portland General Electric Company
February 2018



Map Features

-  Oregon National Historic Trail
-  Area Where Site Could Be Visible
-  10-Mile Study Area
-  Amended Site Boundary Area



Portland General Electric
 Portland, Oregon
 Figure R-1 Revised
Important Scenic Resources
 Request for Amendment No. 1
 Carty Generating Station Site Certificate

Council Scope of Review on Proposed Order

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Option 2

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Option 3

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Agenda Item E (Action Item)

Election of Officers

December 14, 2018

Todd Cornett, Secretary

Adjourn



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