Background Information Exhibit

PREPARED FOR

DATE
December 2025

REFERENCE
Oregon Energy Facility Siting Council

CONTENTS

LIST OF ATTACHMENTS

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ACRONYMS AND ABBREVIATIONS

Acronym	Description
AC	Alternating current
Applicant	DECH bn, LLC
ASC	Application for Site Certificate
BESS	Battery Energy Storage System
BPA	Bonneville Power Administration
CFR	Code of Federal Regulations
DC	Direct current
Facility	Solar photovoltaic power generation facility and related or supporting facilities in Wasco County, Oregon
gen-tie	Generation tie
kV	Kilovolt
Li-ion	Lithium-ion
MW	Megawatt
O&M	Operations and maintenance
OAR	Oregon Administrative Rules
SCADA	Supervisory control and data acquisition

1. INTRODUCTION

DECH bn, LLC (Applicant) plans to construct a solar photovoltaic power generation facility and related or supporting facilities in Wasco County, Oregon (Facility). The Facility will include up to 1,000 megawatts (MW) of solar capacity and a battery energy storage system (BESS) with up to 4,000 megawatt hours (MWh) storage capacity. This Background Information Exhibit has been prepared to meet the requirements in OAR 345-021-0010.

2. PROJECT INFORMATION

2.1 DESCRIPTION OF THE FACILITY

OAR 345-021-0010(3)(a) Information about the proposed facility, construction schedule and temporary disturbances of the site, including:
(A) A description of the proposed energy facility, including as applicable:
(i) For electric power generating plants, the nominal electric generating capacity and the average electrical generating capacity, as defined in ORS 469.300;

The Facility will have up to 1,000 MW nominal electrical generating capacity with a related or supporting BESS capable of storing up to 4,000 MWh of energy. The Facility site boundary includes about 14,418 acres, shown in Attachment 1, Figure 1. The site boundary increased by 792 acres from the 13,626 acres described in the Notice of Intent with the addition of six parcels[1]. Five of the six new parcels are within the outer extent of the site boundary (i.e., 'donut holes') and the sixth parcel is immediately adjacent to the site boundary (tax lot 6S 12E 0 601) on Reservation Road. The addition of these parcels did not substantially affect the analysis areas defined in the Project Order because, except for parcel 6S 12E 0 601, these parcels are all located within the furthest site boundary locations depicted in the Notice of Intent. The micrositing corridor is 12,532 acres and within the micrositing corridor there are avoidance areas such that the maximum permanent and temporary impacts are anticipated to be 6,137 acres. The site boundary and the micrositing corridor are shown in Attachment 1, Figure 1.

The Applicant seeks to permit a range of technologies to preserve design flexibility; development of the Facility may be phased to support optimization of the final design. This preliminary ASC (pASC) evaluates a worst-case scenario for impacts under the Energy Facility Siting Council (EFSC) standards, and the final design will not exceed those impacts approved in the Final Order and Site Certificate. The solar modules and associated equipment will be located within the micrositing corridor, and a preliminary layout is shown on Attachment 1, Figure 2. Within the micrositing corridor, there will be avoidance areas, and the Applicant intends to refine those avoidance areas through the request for additional information phase to avoid and minimize impacts. The final layout of the solar arrays and related or supporting facilities will be refined

[1] Wasco County tax parcels 5S 12E 0 3700, 5S 12E 0 5800, 5S 12E 0 8400, 5S 12E 0 9100, 5S 12E 0 601, and 5S 12E 25 B 100.

within the micrositing corridor for optimization. This flexibility will allow the Applicant to avoid and minimize potential impacts and offer potential customers scalable power production.

2.2 MAJOR COMPONENTS, STRUCTURES, AND SYSTEMS

OAR 345-021-0010(3)(a)(A)(ii) Major components, structures and systems, including a description of the size, type and configuration of equipment used to generate, store, transmit, or transport electricity, useful thermal energy, or fuels;

Electrical power generated by solar modules must go through a series of inverters and transformers before it can be delivered to the electric grid. The major components, structures, and systems of the Facility are the solar modules, which convert sunlight into electricity; the tracking systems and posts, which optimize electricity production by rotating the solar modules to follow the sun; and the inverters, transformers, and collector systems, which collect and aggregate the direct current (DC) generated by the solar modules, convert it to alternating current (AC), and transmit the power to the collector substation. A Facility collector substation will step-up the voltage generated by the Facility from 34.5 kilovolts (kV) to 500 kV, and a 500-kV switchyard and an approximately 0.5-mile generation-tie (gen-tie) line will connect the Facility to the existing 500-kV BPA Marion-Buckley Transmission Line. The descriptions of these major components are based on the best available design information at the time of this pASC but may not reflect all details in the final design. Attachment 2 and Table 1 below summarize the major Facility components, which are also described in the sections below.

TABLE 1 FACILITY MAJOR COMPONENT SUMMARY

Component and Design Standard	No.	Unit
Site Boundary		
Site Boundary	14,418	acres
Micrositing Corridor	12,532	acres
Maximum Footprint[1]	6,137	acres
Solar Components		
PV Solar Modules		
Array Area	5,376	acres
Total number	2,160,600 (approximate)	modules
Maximum height at full-tilt	11	feet
Posts		
Total number (mounted on driven or predrilled piles, no concrete foundations)	322,225 (approximate)	posts
Cabling		

Component and Design Standard	No.	Unit
Combiner boxes or load break disconnects	3,682 (if load break disconnects are used, the total number will be lower)	each
Inverter Step Up Transformer Units		
Total number	271 (approximate)	each
Noise level	92	dBA
Transformer oil-containing capacity	1,000	gallons
34.5 kV Collection System		
Collector line length, belowground[2]	320	miles
Collector Substations		
Substations with SCADA; Generator step-up transformers, each	One new collector substation (Array Area)	each
Site size	10.7	acres
Transformer oil-containing capacity	13,000	gallons/each
Transformer noise level[3]	71	dBA
Maximum height of structures	35	feet
Switchyard		
Stations, breakers each	Up to 4	each
Site size (northern and/or within solar fence line); with foundations and graveled areas	9.2	acres
500 kV Gen-tie Line		
Length (total; northern line; southern line)	0.5	miles
Structures: Type (galvanized steel); quantity	6	each
Height of structures	95	feet

Acronyms: dBA = A-weighted decibels; kV = kilovolt; SCADA = supervisory control and data acquisition
Notes:
[1]The temporary (695 acres) and permanent (5,442 acres) disturbance areas of the Facility may occupy up to 6,137 acres within the micrositing corridor; however, the Facility's permanent footprint will not occupy the entire micrositing corridor as areas within the micrositing corridor will be avoided and buffered.
[2]All collector lines are assumed to be belowground. Conservatively, the Electromagnetic Fields Exhibit evaluates above ground collector lines in case subsurface conditions or geology prohibit underground boring in certain locations.
[3] Substation will include five 211 MVA transformers, each 71 dBA at 50 feet.

2.2.1 SOLAR MODULES

The Facility will use solar photovoltaic modules to generate electricity. The number of modules and their maximum height at full tilt are listed in Table 1, above. The photovoltaic modules will be constructed using smooth glass with an anti-reflective coating.

The solar modules will be connected in series to form rows or strings. Multiple strings are grouped into blocks, optimized for site conditions and efficiency. It is anticipated that the solar modules will be developed in 46 blocks ranging in size from approximately 25 acres to 440 acres and the blocks will be separated by avoidance areas. The anticipated ground coverage ratio of the solar modules will be 30 percent and the spacing, mounting equipment, and other design criteria are subject to change during detailed design by the engineering, procurement, and construction contractor. The total Facility footprint and capacity will remain consistent with approved parameters, not to exceed impacts analyzed in the ASC.

2.2.2 TRACKER SYSTEMS AND POSTS

Panels will be mounted on a single-axis tracking system oriented south at 180 degrees with a tracking angle range of motion of +/- 60 degrees in the east-west direction. This tracking system will tilt the modules throughout the day as the position of the sun changes. The length and width of each string of panels will depend on topography and layout, and the exact spacing between strings of panels will depend on the racking configuration and manufacturer's specifications, which will be determined during detailed design. The open space between strings of panels will be revegetated, unless gravel is required (e.g., access roads, equipment pads). Attachment 3 includes a photo of a representative solar panel and tracker system.

Each tracker system will be supported by steel posts. The anticipated number of posts is listed in Table 1 above; however, the final number of posts, components, and the installation method will depend on the final tracker system design, ground coverage ratio, and site-specific geological conditions. Post locations will be determined during detailed design of the tracker system following the final geotechnical investigation.

2.2.3 COLLECTOR SYSTEMS AND TRANSFORMERS

The solar modules produce DC electrical current, which is converted to AC by inverters to deliver to the electrical grid. Buried or above ground cables within the solar area fence will collect and aggregate the DC and connect to inverters via a centralized trunk bus system or combiner boxes. Anticipated quantities are listed in Table 1, above. Trunk bus technology simplifies wiring across the arrays and does not require combiner boxes, substituting an aboveground aluminum trunk system that combines the functionality of cable assemblies and combiner boxes into one system[2]. Each modular inverter will be on a concrete pad with an integrated or stand-alone step-up transformer. Transformers will have secondary containment, as described in Section 2.4, below.

[2] If harnesses are used, the amount of cabling will be like the amount of cabling used with combiner box technology, but the cables would be above ground, attached in parallel to the panel racking.

The inverter specifications will comply with the applicable requirements and standards of the National Electric Code and Institute of Electrical and Electronics Engineers.

The AC power from the modular inverters will be routed to step-up transformers to increase the output voltage from the inverter (typically 660 volts) to match the collector substation feed voltage (34.5-kV). After the voltage is increased, the AC electric current is aggregated via underground or above ground cables (34.5-kV) to collector lines, which carry power to the collector substation. The collector lines will be buried at a minimum depth of 3 feet underground. As noted in Table 1, the Applicant assumes that all collector lines will be underground however the Electromagnetic Fields Exhibit conservatively evaluates overhead collector lines in case there are locations where collector lines cannot be belowground due to subsurface conditions or geology. Junction splice boxes will be positioned intermittently along the lines for maintenance access. Attachment 3 includes an example photo of an inverter and a transformer.

2.2.4 COLLECTOR SUBSTATION, SWITCHYARD, AND GEN-TIE

Energy generated and stored at the Facility will be sent via the 34.5-kV collection systems to the Facility collector substation. The Facility collector substation, located next to the BESS, will use generator step-up transformers to step up the voltage from 34.5 kV to 500 kV and then interconnect to a new 500-kV switchyard via a new 500-kV Facility gen-tie. From the switchyard, the Facility will then connect to the existing 500-kV BPA Marion-Buckley Transmission Line on the southern portion of the site boundary via two new approximately 0.5-mile parallel loop-in-loop-out 500-kV gen-tie lines. Additional collector substation and switchyard equipment may include a 34.5-kV switch, 34.5-kV feeder breakers, 500-kV breakers, 500-kV switches, surge arrestors, control enclosure, metering equipment, grounding, and associated control wiring. A representative image of alternate gen-tie line support structure is depicted in Attachment 3. Quantities and dimensions of the collector substation, switchyard, and gen-tie are listed in Table 1, above.

2.3 PRELIMINARY SITE PLAN AND GENERAL ARRANGEMENT

OAR 345-021-0010(3)(a)(A)(iii) A site plan and general arrangement of buildings, equipment and structures;

A preliminary site plan showing the preliminary Facility layout and the general arrangement of buildings, equipment, and structures are provided in Attachment 1, Figure 2. Minimum setbacks used in the preliminary site plan are identified in Table 2, below. The minimum setbacks are measured from the fence line around aboveground Facility components[3]. The Applicant will exceed these setback distances, where possible, and will continue to refine avoidance areas to minimize impacts through the review process and notes that final Facility design could differ from the preliminary site plans provided in the ASC, but the final layout will be limited to the micrositing corridor and will not exceed the impacts approved in the Final Order.

[3] The setbacks do not apply to new Facility access roads or to collection lines.

TABLE 2 MINIMUM SETBACKS

Description	Value
Participating landowner property line[1]	50 feet
Non-participating landowner property line	200 feet
Existing overhead powerline	75 feet
Wetlands, streams (perennial or intermittent), ponds	25 to 100 feet
Irrigation ditches	50 feet
OR 216[2]	200 feet
County road[2]	50 feet
Cultural resource	30 meters
Floodplain area	25 feet

Note: Setbacks from existing overhead powerlines, OR 216 and county roads are measured from the edge of the right-of-way. Setbacks from irrigation ditches are measured from the centerline of the ditch.
[1]Property line setbacks for participating landowners apply to property lines outside of the Applicant's site boundary, not the internal property lines located within the site boundary.
[2]The county required setback from public roads and OR 216 is 25 feet. The Applicant is planning to exceed this setback.

2.4 FACILITIES FOR CHEMICAL STORAGE, SPILL CONTAINMENT SYSTEMS

OAR 345-021-0010(3)(a)(A)(iv) Fuel and chemical storage facilities, including structures and systems for spill containment;

The Facility does not require fuel or chemicals to generate electricity nor are these materials present in solar modules. Solar modules are categorized by the United States Environmental Protection Agency as non-hazardous and are made of crystalline silicon which contains 77 percent glass, 10 percent aluminum, 3 percent silicon, and 9 percent polymers, which are non-toxic materials. Less than 1 percent of the modules are copper, silver, and tin, and less than 0.1 percent is lead[4]. The transformers serving both the solar array and BESS will be insulated and cooled using oil that will not contain polychlorinated biphenyls. The transformer oil will be a nontoxic mineral or seed oil, and the concrete pads containing the ground mounts for these components will have secondary containment to minimize leaks and spills onto soils.

During construction, fuel may be stored within designated temporary staging areas. The Applicant will follow secondary containment and refueling procedures for fuel storage as outlined in the Spill Prevention, Control, and Countermeasures Plan.

In addition to the oils used for cooling, small amounts of degreasers, herbicides, lubricants, and/or other chemicals may be stored in the operations and maintenance (O&M) building. The

[4] Sources: Solar Panel Frequent Questions | US EPA and Photovoltaic Toxicity and Waste Concerns Are Overblown, Slowing Decarbonization--NREL Researchers Are Setting the Record Straight | NREL

Applicant will ensure that chemicals are stored according to label instructions. The Facility will not have any underground storage tanks. In the unlikely event of a spill, the Applicant will follow the response measures outlined in its operations Spill Prevention, Control, and Countermeasures Plan.

The Applicant does not anticipate producing, using, storing, transporting, or disposing of any extremely hazardous materials at the Facility during operation. Additional information about Facility waste generation and handling is described in the Waste Minimization Exhibit.

2.5 FIRE PREVENTION AND CONTROL

OAR 345-021-0010(3)(a)(A)(v) Equipment and systems for fire prevention and control;

The Facility will be designed to minimize the risk of fire and to enable rapid response and access in the unlikely event of an emergency. To minimize the risk of fire, fenced areas around the O&M building, collector substation, switch station, and BESS will be graveled. Within the fenced solar area, vegetation will be maintained, and inverter skids will be mounted on steel piles with compacted native soil and potentially crushed rock surrounding the skid. Additional information about fire prevention protocols are described in Sections 2.5.1 and 2.5.2 below and included in the Wildfire Mitigation Plans for Construction and Operation included in the Wildfire Prevention and Risk Mitigation Exhibit.

To enable rapid response in the unlikely event of a fire or other malfunction, the BESS will be equipped with a thermal monitoring and fire suppression system tied to the supervisory control and data acquisition (SCADA) system to monitor and alert Facility and emergency response staff. Additionally, there will be smoke and fire detectors in the O&M building connected to the SCADA system. The communication system will consist of fiber optic and copper communication lines (buried or overhead) that will connect the thermal monitoring systems and smoke detectors to the SCADA system and the internet service provider.

The Applicant will have fire protection systems and risk management protocols in place throughout the life of the Facility. During construction, the construction contractor will be trained in fire prevention protocol and will have fire extinguishers readily accessible to respond to small fires. During operation, fire extinguishers will be stored in the O&M building and O&M employees will be trained in fire prevention and response. O&M employees will also be required to park vehicles on roads, and off dry grassland, unless otherwise required for emergency purposes.

Facility access roads will accommodate emergency response vehicles and serve as fire breaks throughout the site boundary. Facility roads will be at least 16 feet wide, unless specified otherwise, with 28-foot internal turning radii and grades of less than 10 percent to accommodate emergency vehicles in accordance with 2022 Oregon Fire Code requirements.

As described further in the Public Services Exhibit, the Applicant has coordinated with the Juniper Flat Rural Fire Protection District (the local fire district) who has reviewed and provided input on the Wildfire Mitigation Plans referenced above. The Applicant will continue to coordinate with local emergency response services throughout the permitting process, Facility construction, and

operation to ensure safe operation throughout the Facility's lifespan. This coordination will include providing a copy of the site plan and access points as well as regular emergency response training. The Applicant will also coordinate with the Oregon State Fire Marshall, as necessary. The Public Services Exhibit contains additional details about emergency response services and documentation of the coordination completed with emergency response services.

2.5.1 SOLAR ARRAY

The solar array design will incorporate several measures to minimize fire risk and to prevent the spread of fire. These measures include:

- The solar array will use electrical cabling with insulation rated for the Facility's environment;
- The collector system will be belowground, and the collector system and substation will use surge arrestors;
- The solar array will be developed in 46 blocks rather than one large area of panels and there will be sufficient spacing between equipment to prevent the spread of fire and graveled access roads will provide fire breaks;
- All electrical equipment will be compliant with National Electrical Code and Institute of Electrical and Electronics Engineers standards; and,
- Any vegetation within the fenced area and on the gen-tie line corridor will be actively managed to minimize fire risk.

Additional information about fire prevention for the solar array is included in the Wildfire Prevention and Risk Mitigation Exhibit, including mitigation plans for Facility construction and operation.

2.5.2 BESS

The Facility includes a BESS capable of storing up to 4,000 MWh of energy and is expected to use lithium-ion (Li-ion) batteries.

The batteries will be housed in enclosures equipped with heating, ventilation and cooling systems, fire protection systems, controls and monitoring systems and will be designated as non-occupiable enclosures. Multiple such enclosures will be installed across the BESS site.

The BESS will comply with all county and State codes and regulations related to health, fire, and safety at the time of Facility entitlement. Specifically, the 2021 International Fire Code, Chapter 1207, applies to Stationary Electric Energy Storage Systems and addresses development standards for design, installation, commission, operation, maintenance, and decommissioning of these systems. Compliance will include fire and safety equipment requirements to be approved by the fire code officials having authority over the Facility with established performance standards for approval, equipment, and system fire testing in accordance with nationally adopted UL standards. Compliance with these advanced, nationally adopted standards is designed to ensure the site installation and operation of battery energy storage systems for operators, first responders and neighboring community are safe. As a result of the implementation of these advanced standards, BESS projects operate safely and efficiently throughout the United States.

To minimize fire and safety risks associated with Li-ion batteries, each battery enclosure will be equipped with the following fire prevention and control methods:

- Use lithium-ion batteries based on Lithium Iron Phosphate chemistry. LFP chemistry poses a lower risk of fire initiation and propagation
- 24/7 monitoring and alarm systems that constantly monitor battery health, temperature, voltage and other critical electrical and safety systems
- Fire detection such as heat and smoke sensors
- Pressure relief systems such as active or passive vents to release flammable and combustible gases and prevent a deflagration event
- In some cases, active fire suppression system

The following methods will be deployed at the site level:

- 24/7 monitoring
- Minimum separation between battery enclosures to reduce the risk of fire propagation in accordance with UL9540A test setup and manufacturer guidelines
- Fire alarm system to notify local fire department and first responders.
- The Facility's Wildfire Mitigation Plans for Construction and Operation (attached to the Wildfire Prevention and Risk Mitigation Exhibit) include BESS-specific response procedures in the event of an emergency, such as a fire.
- The Applicant will ensure that public hazard related to transport, use, or disposal of batteries is minimized through adherence to regulations and employee training.
- The Facility will follow design practices including local emergency response personnel training, removal of vegetation from areas around the BESS yard, service roads, setbacks, and two entrance and exit locations for the BESS yard.

Additional information about fire, and associated risk management, is included in the Wildfire Prevention and Risk Mitigation Exhibit.

2.6 RELATED OR SUPPORTING FACILITIES

OAR 345-021-0010(3)(a)(B) A description of major components, structures and systems of each related or supporting facility.

Related or supporting facilities include a BESS that will be capable of storing up to 1,000 MW of energy generated by the Facility for up to four hours; an O&M building and SCADA communication system that will be used to operate and maintain the Facility; access roads, perimeter fencing, and gates; and a temporary construction area or laydown yard that will be used for equipment staging during construction. The areas immediately around the O&M building, collector substation and switchyard, and BESS will be graveled, with no vegetation present. The following descriptions are based on the best available information at the time of this pASC.

TABLE 3 FACILITY SUPPORTING COMPONENT SUMMARY

Component and Design Standard	No.	Unit
O&M Building		
Quantity	1	each
Site size	1.5	acres
Height	Up to 20	feet
Appurtenances	On-site well, septic system, SCADA System	
Storage for Replacement Solar Panels		
Containers	4	each
Container dimensions	10 x 8 x 40 (approximate)	H x W x L; feet
Location	Adjacent to O&M Building, within building site footprint	
Facility Roads		
Length	72	miles
Width	16 to 24[2]	feet
Perimeter Fence		
Length	93.4	miles
Height	8	feet
Access/gates	20	each
Temporary Construction Areas		
Quantity	6	each
Site size	50	acres
Description	50 acres total across 6 temporary laydown areas	
Battery Energy Storage System (specify technology when known)		
Total batteries/containers on foundations with HVAC and fire suppression systems; SCADA	1,062 (approximate)	each
Site size	30	acres
Container dimensions	9.5 x 8 x 19 (approximate)	H x W x L; feet
Noise level (broadband)	84	dBA

Acronyms: dBA = A-weighted decibels; HVAC = heating, ventilation and air conditioning; kV = kilovolt; O&M = operations and maintenance; SCADA = supervisory control and data acquisition

[2] 72 miles total of new road, 0.2 miles to be 24-feet wide, 5.4 miles to be 20-feet wide, the remainder to be 16-feet wide.

2.6.1 BESS

The BESS will be designed to store up to 4,000 MWh and will include a series of modular enclosures, battery units with enclosure-integrated inverters, and transformers. Dimensions and sizes of the enclosures are listed in Table 3 above. Each enclosure will be on a concrete slab-on-grade or pier foundation. The enclosures are rated for outdoor environments and hold the batteries and a battery management system. The BESS will also include inverter step up transformers to increase the output voltage from the BESS inverters (typically 660 volts) to match the substation feed voltage (34.5-kV AC). Attachment 3 includes a photograph of a representative BESS enclosure.

2.6.2 OPERATIONS AND MAINTENANCE BUILDING AND SCADA SYSTEM

The Facility will include an O&M building as a workspace for staff who maintain the Facility. Dimensions of the O&M building are listed in Table 3 above. The O&M building will have electricity, internet, and water and will house the Facility's SCADA communication system. Adjacent to the O&M building will be space for parking, a service staging zone and clearance area, and storage containers to house spare parts and maintenance equipment. Water will be required for the O&M building for general domestic use (e.g., drinking water and toilet flushing) and for solar panel washing. The O&M building will have a permitted septic system for sanitary waste disposal. See the State and Local Laws and Regulations Exhibit for additional information on the water supply and septic system for the O&M building.

A SCADA system housed within the O&M building will monitor the Facility for meteorological conditions, critical operating parameters, and power output so that the solar array and BESS may be controlled and monitored remotely. This communication system will consist of fiber optic and copper communication lines (buried or overhead) that will connect the solar arrays, BESS, and substation to the SCADA system and the internet service provider. The SCADA system will be tuned to the Facility's precise specifications by the third-party SCADA vendor and engineer of record. The SCADA system will also be accessible from the collector substation and off-site at a remote operation center which meets all compliance requirements, and the system will be monitored remotely 24 hours per day, 7 days per week.

2.6.3 ACCESS ROADS WITHIN THE FACILITY

To a practical extent, existing private roads within the site boundary will also be used to provide access throughout the Facility. Where new internal access roads are required, they will be at least 16 feet wide and will be sufficiently sized for emergency vehicle access. Within the BESS area, roads will be at least 20 feet wide. Anticipated road lengths are listed in Table 3 above.

2.6.4 PERIMETER FENCING AND GATES

The solar arrays (or blocks) and most related or supporting facilities will be surrounded with perimeter fencing. Locations of specific access points and lockable vehicle access gates will depend on the final configuration of the solar arrays and related infrastructure. Fencing dimensions are listed in Table 3 above.

2.6.5 TEMPORARY CONSTRUCTION AREA OR LAYDOWN YARD

Temporary construction areas (i.e., laydown areas) will be used to support construction, store supplies and equipment, and facilitate the delivery and assembly of materials and equipment. 50 acres total is expected across 6 temporary laydown areas; the laydown area dimensions are listed in Table 3 above. All temporary laydown areas will be within the micrositing corridor.

2.7 DIMENSIONS OF MAJOR STRUCTURES AND FEATURES

OAR 345-021-0010(3)(a)(C) The approximate dimensions of major facility structures and visible features.

The approximate dimensions of major Facility structures and visible features are provided in Table 1 and Attachment 2.

2.8 DESCRIPTION OF TRANSMISSION LINE

OAR 345-021-0010(3)(a)(E) If the proposed energy facility is a pipeline or transmission line or has, as a related or supporting facility, a transmission line or pipeline of any size:

(i) The length of the pipeline or transmission line;

The Facility does not include a transmission line within the meaning of ORS 469.300(11)(a)(C). The associated transmission line is proposed to be an approximately 0.5-mile gen-tie line that will connect the Facility to the existing 500-kV BPA Marion-Buckley Transmission Line.

(ii) The proposed right-of-way width of the pipeline or transmission line, including to what extent new right-of-way will be required or existing right-of-way will be widened;

The associated gen-tie line is entirely on private property and will not require a new or existing right-of-way, therefore this section is not applicable.

(iii) If the proposed transmission line or pipeline corridor follows or includes public right-of-way, a description of where the transmission line or pipeline would be located within the public right-of-way, to the extent known. If the applicant proposes to locate all or part of a transmission line or pipeline adjacent to but not within the public right-of-way, describe the reasons for locating the transmission line or pipeline outside the public right-of-way. The applicant must include a set of clear and objective criteria and a description of the type of evidence that would support locating the transmission line or pipeline outside the public right-of-way, based on those criteria;

The associated gen-tie line does not include public right-of-way, therefore this section is not applicable.

(iv) For pipelines, the operating pressure and delivery capacity in thousand cubic feet per day and the diameter and location, above or below ground, of each pipeline;

The Facility is not a pipeline as defined by ORS 469.300(11)(a)(C), therefore this section is not applicable.

> *(v) For transmission lines, the rated voltage, load carrying capacity, and type of current and a description of transmission line structures and their dimensions.*

The associated gen-tie line will have a rated voltage of 500-kV to carry the full output of the Facility through an alternating current. The gen-tie line structures will be approximately 95 feet tall and spaced approximately 800 to 1,000 feet apart. The gen-tie line structure will be steel and will be lattice structures or monopole design. Attachment 3 includes a photograph of a representative gen-tie line support structure.

2.9 FACILITY CONSTRUCTION SCHEDULE

> *OAR 345-021-0010(3)(a)(F) A construction schedule including the date by which the applicant proposes to begin construction and the date by which the applicant proposes to complete construction. Construction is defined in OAR 345-001-0010 (Definitions). The applicant must describe in this exhibit all work on the site that the applicant intends to begin before the Council issues a site certificate. The applicant must include an estimate of the cost of that work. For the purpose of this exhibit, "work on the site" means any work within a site or corridor, other than surveying, exploration or other activities to define or characterize the site or corridor, that the applicant anticipates or has performed as of the time of submitting the application.*

The Applicant targets start of construction in Q2 2027, pending issuance of the Site Certificate. Facility construction activities, listed in Table 4 below, will occur in the order listed and will take place concurrently, in different areas within the site boundary as different construction activities are completed. Overall, construction is anticipated to take 24 to 32 months to complete with a Commercial Operations Date expected by Q4 2029. An example construction schedule is outlined in Table 4 below.

TABLE 4 CONSTRUCTION SCHEDULE

Year	Activity
Q2 2027	Issuance of Deschutes Solar and Battery Energy Storage System Facility site certificate
Q2 2027 through Q4 2029	• Site Preparation (7 to 9 months) • Electrical Installation (12 to 14 months) • Racking Installation (12 to 18 months) • Panel Installation (15 to 20 months) • Testing and Revegetation (6 to 8 months)
Q4 2029	Construction ends; Commercial Operations Date

Note: Facility construction will adhere to required work windows to avoid and minimize impacts on sensitive resources. Construction activities within buffers around Golden Eagle, hawk, owl, and raven nests will be seasonally restricted. The seasonal restrictions for Golden Eagle nest buffers apply between 1 February and 15 August, the hawk and owl nest buffers apply between 1 March and 15 August, and the raven nest buffers apply between 15 February and 31 July. The species-specific buffers, and release dates if the nests are unoccupied, are defined in the Fish and Wildlife Species Exhibit.

3. PROPERTY LOCATION AND MAPS

3.1 GENERAL LOCATION

OAR 345-021-0010(3)(b) Information about the location of the proposed facility, including:

(A) A map or maps showing the proposed locations of the energy facility site, all related or supporting facility sites and all areas that might be temporarily disturbed during construction of the facility in relation to major roads, water bodies, cities and towns, important landmarks and topographic features, using a scale of 1 inch = 2000 feet or smaller when necessary to show detail;

The Facility site boundary is approximately 14,418 acres of private land approximately 10 miles southwest of Maupin, Oregon.

The components of each Figure addressing the above criteria are listed below, and provided in Attachment 1:

- The Vicinity Map (Figure 1) shows an overview of the Facility site boundary in relation to the surrounding area.
- The Preliminary Site Layout (Figure 2) shows the site boundary, micrositing corridor, specific components such as the solar panel area, BESS, collector substation, switchyard, and gen-tie, as well as county boundaries, city and towns, and major roads.

3.2 LOCATION AND DISTURBANCE AREAS

OAR 345-021-0010(3)(b)(B) A description of the location of the proposed energy facility site, the proposed site of each related or supporting facility and areas of temporary disturbance, including the total land area (in acres) within the proposed site boundary, the total area of permanent disturbance, and the total area of

temporary disturbance. If a proposed pipeline or transmission line is to follow an existing road, pipeline or transmission line, the applicant must state to which side of the existing road, pipeline or transmission line the proposed facility will run, to the extent this is known.

The site boundary includes approximately 14,418 acres of private land and encompasses some or all the townships, ranges, and sections identified in

Table 5, below. The site boundary includes the Facility and all its related or supporting facilities, including temporary laydown areas and the gen-tie corridor. The Facility will interconnect via a short (i.e., approximately a half mile) gen-tie line to a new 500-kilovolt switchyard connecting to the existing 500-kilovolt Bonneville Power Administration Marion-Buckley Transmission Line located on the southern portion of the site boundary.

Table 6 provides the worst-case scenario for temporary and permanent acreage impacts from Facility components by disturbance type. However, some disturbance types overlap by the nature of their development. For example, the BESS, O&M building, and substation are all within the solar array fence line; therefore, the last row in the Table provides the disturbance area for the Facility with any development overlap removed. For the purposes of analysis, the Applicant considered a solar array that would occupy approximately 5,376 acres of fenced solar array blocks (solar array area') within the micrositing corridor, using the example solar technology described in Section 2. Within the micrositing corridor (12,532 acres), the solar array blocks will be separated by avoidance areas that will be further refined throughout the permitting process to minimize impacts. Therefore, a smaller area (approximately 5,442 acres) is considered permanently disturbed; all temporary disturbance areas are within the micrositing corridor. This preliminary layout represents the worst-case scenario for purposes of analyzing land use impacts (described in detail in the Land Use Exhibit).
The gen-tie line is on private property and will not follow an existing road, pipeline or transmission line.

TABLE 5 TOWNSHIP, RANGE, AND SECTION WITHIN THE FACILITY SITE BOUNDARY

Township	Range	Sections
5S	12E	9, 10, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36
5S	13E	29, 30
6S	12E	1, 2, 3, 4, 5, 6

TABLE 6 ESTIMATED TEMPORARY AND PERMANENT DISTURBANCE

Disturbance Type	Temporary Disturbance Area	Permanent Disturbance Area
Solar Array Area[1]	-	5,376.0 acres
Battery Energy Storage System[2]	-	29.7 acres
Generation Tie Line[3]	15.0 acres	Less than 0.1 acres
Collector Substation	-	10.7 acres
Collector Switchyard	-	9.2 acres
O&M Building	-	Included in the Battery Energy Storage System
Other Areas (External to fence)		
Collector Lines[4]	576.0 acres	-
Laydown Areas	50.0 acres	-
Existing Road to Improve[5]	-	-
Permanent New Roads[6]	-	16.0 acres
Perimeter Fence Line[7]	53.8 acres	Included in the Solar Array Area
Total	**695 acres**	**5,442 acres**

Notes: Acreage estimates are based on the preliminary site layout and are subject to refinement during final design, however the final area of disturbance will not exceed the totals presented here.
1. The solar array area includes the area inside the fence line where the solar array and major Facility components such as solar panels and inverters, as well as portions of the Facility's collector lines and existing access roads will be located.
2. The BESS will include up to 1,062 battery storage enclosures (accounting for augmentation) in a 29.7-acre area.
3. Assumes a temporary disturbance width of 200 feet, and a permanent disturbance area of 64 square feet for each of the 6 tower structures.
4. While most of collector lines are located within the solar array area, portions are routed outside of the fence line to connect with other arrays, and eventually to the collector substation. This figure assumes approximately 95 miles (501,800 linear feet) of collector lines located outside of the solar array area, each with an assumed temporary disturbance width of 50 feet. The actual temporary disturbance width will vary based on the number of circuits along each segment, as multiple may be contained in a single route, and the width of disturbance per circuit will diminish as circuits are combined into corridors. The Applicant assumes that all collector lines will be underground and that underground lines have no permanent disturbance.
5. Any road improvements will be determined based on road condition at the time of construction. Evaluation of current road conditions have indicated that existing roads are of sufficient quality and width to support construction and operation activities for the Facility. If improvements are required, they would likely be in the form of road widening and/or improving the surface condition.
6. While approximately 72 miles of total new roads will be required, only 5.6 miles are outside of the solar array area. These portions will be between 20 and 24 feet wide.
7. Assumes approximately 493,150 linear feet of fencing with a temporary disturbance width of 5 feet.

3.3 RELATION TO OTHER ENERGY GENERATION FACILITIES

OAR 345-021-0010(3)(b)(C) For energy generation facilities, a map showing the approximate locations of any other energy generation facilities that are known to the applicant to be permitted at the state or local level within the study area as defined in OAR 345-001-0010 (Definitions) for impacts to public services.

The Energy Generation Facilities Map, provided in Attachment 1, Figure 3, shows no other permitted energy facilities within 10 miles of the site boundary, in accordance with OAR 345-001-0010(59) for impacts to public services.

4. PROPERTY OWNERSHIP

4.1 PROPERTY OWNER CONTACT INFORMATION

OAR 345-021-0010(3)(c) A list of the names and mailing addresses of property owners, as described in this subsection:

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

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

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

(iii) Within 500 feet of the property which is the subject of the application, where the property is within a farm or forest zone;

(B) The applicant must submit an updated list of property owners as requested by the Department before the Department issues notice of any public hearing on the application for a site certificate as described in OAR 345-015-0220; and

The Property Ownership Maps, provided in Attachment 1, Figures 4-1 through 4-12, include tax lot information within the site boundary and within 500 feet of the site boundary. As shown on Figures 4-1 through 4-12, within the outer extent of the site boundary, there are 13 parcels owned by 12 property owners that are not included in the site boundary (i.e., donut holes). Attachment 1 lists the names and mailing addresses for the owners of record of properties within the site boundary and within 500 feet of the site boundary and designates those properties that are 'donut holes'. The site boundary is outside of any urban growth boundaries and within Wasco County's Exclusive Farm Use (A-1) zone. One parcel within the site boundary is split zoned A-1 Exclusive Farm Use and R-R 2 Rural Residential.

5. OTHER INFORMATION

OAR 345-21-0010(3)(d) Identification, by legal citation, of all state statutes and administrative rules and local government ordinances containing standards or criteria that the proposed facility must meet for the Council to issue a site certificate, other than statutes, rules and ordinances identified in Exhibit E [Organizational Expertise Exhibit]*, and identification of the agencies administering*

those statutes, administrative rules and ordinances. The applicant must identify all statutes, administrative rules and ordinances that the applicant knows to be applicable to the proposed facility, whether or not identified in the project order. To the extent not addressed by other materials in the application, the applicant must include a discussion of how the proposed facility meets the requirements of the applicable statutes, administrative rules and ordinances.

5.1 STATE STATUTES, RULES, AND ORDINANCES

TABLE 7 STATUTES, RULES, AND ORDINANCES CONTAINING RELEVANT STANDARDS OR CRITERIA

Department	Legal Citation	Agency Address	Relevant Exhibit
Oregon Department of Agriculture	Plant Conservation Biology Program—ORS 564; OAR Chapter 603, Division 73 OAR 345-022-0070 Threatened and Endangered Species	Oregon Department of Agriculture 635 Capitol Street, N.E. Salem, OR 97301-2532 (503) 986-4550	Threatened and Endangered Species Exhibit
Oregon Water Resources Department – Water Rights Division	OAR 345-022-0160 General Standard of Review ORS Chapters 537, 540; OAR Chapter 690	Oregon Water Resources Department Water Rights Section, District 3 2705 E 2nd Street The Dalles, OR 97058 (541) 506-2652	State and Local Laws and Regulations Exhibit
ODEQ—Noise	ORS 467; OAR Chapter 340, Division 35 OAR 345-022-0050 Retirement and Financial Assurance	Oregon Department of Environmental Quality 811 SW Sixth Avenue Portland, OR 97204-1390 (503) 229-5696	State and Local Laws and Regulations Exhibit
ODEQ—Hazardous Waste Management	ORS 465 and 466; OAR Chapter 340, Divisions 100-113 OAR 345-022-0120 Waste Minimization	Oregon Department of Environmental Quality 811 SW Sixth Avenue Portland, OR 97204-1390 (503) 229-5696	Soil Protection Exhibit, Waste Minimization Exhibit, Public Services Exhibit
ODEQ—Solid Waste	ORS 459; OAR Chapter 340, Division 93 OAR 345-022-0120 Waste Minimization	Oregon Department of Environmental Quality 811 SW Sixth Avenue Portland, OR 97204-1390 (503) 229-5696	Waste Minimization Exhibit
Oregon Department of Geology and Mineral Industries	OAR 345-022-0020 Structural Standard OAR Chapter 632, Division 1	Oregon Department of Geology and Mineral Industries	Soil Protection Exhibit, Structural Standard Exhibit

Department	Legal Citation	Agency Address	Relevant Exhibit
		800 NE Oregon Street, Suite 965 Portland, OR 97232 (971) 673-1555	
Oregon Office of State Fire Marshal—Emergency Planning and Community Right to Know Act	OAR 345-022-0115 Wildfire Prevention and Risk Mitigation ORS 453; OAR Chapter 837, Divisions 85 and 95; Fire and Life Safety Regulations, OAR 837, Division 40	Oregon Office of State Fire Marshal 3991 Fairview Industrial Dr SE Salem, OR 97302 (503) 378-3473	Soil Protection Exhibit, Wildfire Risk and Risk Mitigation Exhibit
Oregon Office of State Fire Marshal	OAR 345-022-0115 Wildfire Prevention and Risk Mitigation 2019 Oregon Fire Code; OAR Chapter 837, Division 40	Oregon Office of State Fire Marshal 3991 Fairview Industrial Dr SE Salem, OR 97302 (503) 378-3473	Background Information Exhibit, Land Use Exhibit, Public Services Exhibit, Wildfire Risk and Risk Mitigation Exhibit
Oregon Department of Land Conservation and Development	OAR 345-022-0030(2) and (3) Land Use Oregon Statewide Planning Goals, applicable sections of OAR Chapter 660, applicable substantive criteria of the Wasco County Comprehensive Plan and land use ordinances, and any exceptions to the same may be granted by the Council under OAR 345-022-0030(4).	Department of Land Conservation and Development 635 Capitol Street NE, Suite 150 Salem, OR 97301 (503) 373-0050	Land Use Exhibit
Oregon Parks and Recreation Department, State Historic Preservation Office — Archaeological	OAR 345-022-0090 Historic, Cultural and Archaeological Resources Native American Graves and Protected Objects—ORS 97.740-97.760 Archaeological Objects and Sites—ORS358.90-358.955	State Historic Preservation Office 725 Summer Street NE, Suite C Salem, OR 97301 (503) 986-0690	Historical, Cultural, and Archaeological Resources Exhibit
ODFW—Habitat Conservation Division	ORS 496 and 506; OAR Chapter 635, Divisions 100 and 415	Oregon Department of Fish and Wildlife 3406 Cherry Avenue N.E.	State and Local Laws and Regulations Exhibit, Fish and Wildlife Habitat

Department	Legal Citation	Agency Address	Relevant Exhibit
		Salem, OR 97303-4924 (503) 947-6000	Exhibit, Threatened and Endangered Species Exhibits
U.S. Bureau of Reclamation	43 CFR 42 – Use of Bureau of Reclamation Land, Facilities, and Waterbodies	Bureau of Reclamation Columbia-Pacific Northwest Regional Office 1150 North Curtis Road Boise, Idaho 83760	Land Use Exhibit
Wasco County Planning Department – Land Use (to satisfy Council's determination of compliance with land use standards)	OAR 345-022-0030(2)(a) Land Use Wasco County Land Use and Development Ordinance	Wasco County Planning Department 2705 East 2nd Street The Dalles, OR 97058 (541) 506-2560	Land Use Exhibit

5.2 SPILL RESPONSE STATUTES

In the event of a spill or release of hazardous materials of reportable quantities, the Oregon Emergency Management Division, Oregon Department of Environmental Quality, and Oregon Department of State Police may be required to be notified. The following rules and statutes apply to state and federal spill reporting requirements:

- Oregon Revised Statutes (ORS) 466.635;
- OAR Chapter 340, Divisions 45, 122, 150, 160;
- 33 CFR part 153; and
- 40 CFR parts 110, 122, 262, 265, 280, 302, 355, 761.

6. ADDITIONAL STATUES, RULES, ORDINANCES

OAR 345-21-0010(3)(e) If the proposed facility is a facility for which the Council has adopted specific standards, information about the facility providing evidence to support findings by the Council as required by the following rules:
(A) For wind energy facilities, OAR 345-024-0010 and 345-024-0015;
(B) For surface facilities related to underground gas storage reservoirs, OAR 345-024-0030, including information required by OAR 345-024-0030(3);
(C) For any transmission line under Council jurisdiction, OAR 345-024-0090; and
(D) For a fossil-fueled power plant or other facility that emits carbon dioxide, OAR 345-024-0500 to 345-024-0720.

This requirement is not applicable to solar energy generation facilities.

7. OTHER SPECIFIC STANDARDS

OAR 345-21-0010(3)(f) Documents prepared in connection with an environmental assessment or environmental impact statement for the proposed facility under the

National Environmental Policy Act of 1970, if any, may contain some of the information required under the application information requirements in OAR 345, divisions 021 and 022. The applicant may copy relevant sections of such documents into the appropriate exhibits of the site certificate application. The applicant may otherwise submit full copies of those documents and include, in the appropriate exhibits of the site certificate application, cross-references to the relevant sections of those documents. The applicant may use such documents only to avoid duplication. The applicant must include additional information in the site certificate application as needed to meet the requirements of the application information requirements in OAR 345, divisions 021 and 022.

Not applicable. The Facility is not subject to the National Environmental Policy Act of 1970.

8. APPROVAL STANDARDS

The Applicant has satisfied the standards for the Background Information Exhibit outlined in OAR 345-021-0010(3)(a). Approval standards are summarized in Table 8. OAR 345 Division 22 does not provide an approval standard specific to this Exhibit.

TABLE 8 APPROVAL STANDARDS MATRIX

Approval Standard	Handling
OAR 345-021-0010(1)(b) Information about the proposed facility, construction schedule and temporary disturbances of the site, including:	
(A) A description of the proposed energy facility, including as applicable:	Section 2
(i) The nominal electric generating capacity and the average electrical generating capacity, as defined in ORS 469.300 (Definitions)	Section 2.1
(ii) Major components, structures and systems, including a description of the size, type and configuration of equipment used to generate electricity and useful thermal energy	Section 2.2
(iii) A site plan and general arrangement of buildings, equipment and structures;	Section 2.3
(iv) Fuel and chemical storage facilities, including structures and systems for spill containment;	Section 2.4
(v) Equipment and systems for fire prevention and control;	Section 2.5
(vi) For thermal power plants: (I) A discussion of the source, quantity and availability of all fuels proposed to be used in the facility to generate electricity or useful thermal energy; (II) Process flow, including power cycle and steam cycle diagrams to describe the energy flows within the system; (III) Equipment and systems for disposal of waste heat; (IV) The fuel chargeable to power heat rate;	The Facility is not a thermal power plant, and therefore, this requirement is not applicable.
(vii) For surface facilities related to underground gas storage, estimated daily injection and withdrawal rates, horsepower compression required to operate at design injection or withdrawal rates, operating pressure range and fuel type of compressors;	The Facility does not store gas underground, and therefore, this requirement is not applicable.
(viii) For facilities to store liquified natural gas, the volume, maximum pressure, liquefication and gasification capacity in thousand cubic feet per hour;	The Facility does not store liquefied natural gas, and therefore, this requirement is not applicable.
(B) A description of major components, structures and systems of each related or supporting facility.	Section 2.6
(C) The approximate dimensions of major facility structures and visible features;	Section 2.7

Approval Standard	Handling
(D) If the proposed energy facility is a pipeline or a transmission line or has, as a related or supporting facility, a transmission line or pipeline that, by itself, is an energy facility under the definition in ORS 469.300, a corridor selection assessment explaining how the applicant selected the corridor(s) for analysis in the application. In the assessment, the applicant shall evaluate the corridor adjustments the Department has described in the project order, if any. The applicant may select any corridor for analysis in the application and may select more than one corridor. However, if the applicant selects a new corridor, then the applicant must explain why the applicant did not present the new corridor for comment at an information meeting under OAR 345-015-0130. In the assessment, the applicant shall discuss the reasons for selecting the corridor(s), based upon evaluation of the following factors: (i) Least disturbance to streams, rivers and wetlands during construction; (ii) Least percentage of the total length of the pipeline or transmission line that would be located within areas of Habitat Category 1, as described by the Oregon Department of Fish and Wildlife; (iii) Greatest percentage of the total length of the pipeline or transmission line that would be located within or adjacent to public roads and existing pipeline or transmission line rights-of-way; (iv) Least percentage of the total length of the pipeline or transmission line that would be located within lands that require zone changes, variances or exceptions; (v) Least percentage of the total length of the pipeline or transmission line that would be located in a protected area as described in OAR 345-022-0040 (Protected Areas); (vi) Least disturbance to areas where historical, cultural or archaeological resources are likely to exist; (vii) Greatest percentage of the total length of the pipeline or transmission line that would be located to avoid seismic, geological and soils hazards; (viii) Least percentage of the total length of the pipeline or transmission line that would be located within lands zoned for exclusive farm use;	The Facility, including related and supporting facilities, is not a transmission line as defined by ORS 469.300(11)(a)(C), and therefore, this requirement is not applicable
(E) If the proposed energy facility is a pipeline or transmission line, or has, as a related or supporting facility, a transmission line or pipeline of any size: (i) The length of the pipeline or transmission line; (ii) The proposed right-of-way width of the pipeline or transmission line, including to what extent new right-of-way will be required or existing right-of-way will be widened; (iii) If the proposed transmission line or pipeline corridor follows or includes public right-of-way, a description of where the transmission line or pipeline would be located within the public right-of-way, to the extent known. If the applicant proposes to locate all or part of a transmission line or pipeline adjacent to but not within the public right-of-way, describe the reasons for locating the transmission line or pipeline outside the public right-of-way. The applicant must include a set of clear and objective criteria and a description of the type of evidence that would support locating the transmission line or pipeline outside the public right-of-way, based on those criteria;	Section 2.8

Approval Standard	Handling
(iv) For pipelines, the operating pressure and delivery capacity in thousand cubic feet per day and the diameter and location, above or below ground, of each pipeline; (v) For transmission lines, the rated voltage, load carrying capacity, and type of current and a description of transmission line structures and their dimensions;	
(F) A construction schedule including the date by which the applicant proposes to begin construction and the date by which the applicant proposes to complete construction. Construction is defined in OAR 345-001-0010. The applicant shall describe in this exhibit all work on the site that the applicant intends to begin before the Council issues a site certificate. The applicant shall include an estimate of the cost of that work. For the purpose of this exhibit, "work on the site" means any work within a site or corridor, other than surveying, exploration or other activities to define or characterize the site or corridor that the applicant anticipates or has performed as of the time of submitting the application.	Section 2.9
OAR 345-021-0010(3)(b) Information about the location of the proposed facility, including:	
(A) A map or maps showing the proposed locations of the energy facility site, all related or supporting facility sites and all areas that might be temporarily disturbed during construction of the facility in relation to major roads, water bodies, cities and towns, important landmarks and topographic features, using a scale of 1 inch = 2000 feet or smaller when necessary to show detail;	Section 3.1
(B) A description of the location of the proposed energy facility site, the proposed site of each related or supporting facility and areas of temporary disturbance, including the total land area (in acres) within the proposed site boundary, the total area of permanent disturbance, and the total area of temporary disturbance. If a proposed pipeline or transmission line is to follow an existing road, pipeline or transmission line, the applicant must state to which side of the existing road, pipeline or transmission line the proposed facility will run, to the extent this is known; and	Section 3.2
(C) For energy generation facilities, a map showing the approximate locations of any other energy generation facilities that are known to the applicant to be permitted at the state or local level within the study area as defined in OAR 345-001-0010 (Definitions) for impacts to public services;	Attachment 1
OAR 345-021-0010(3)(c) A list of the names and mailing addresses of property owners, as described in this subsection:	
(A) The list must include all owners of record, as shown on the most recent property tax assessment roll, of property located: (i) Within 100 feet of property which is the subject of the application, where the subject property is wholly or in part within an urban growth boundary; (ii) Within 250 feet of the property which is the subject of the application, where the subject property is outside an urban growth boundary and not within a farm or forest zone; or (iii) Within 500 feet of the property which is the subject of the application, where the property is within a farm or forest zone.	Section 4, Attachment 4

Approval Standard	Handling
(B) The applicant must submit an updated list of property owners as requested by the Department before the Department issues notice of any public hearing on the application for a site certificate as described in OAR 345-015-0220.	Section 4, Attachment 4
(C) In addition to incorporating the list in the application, the applicant must submit the list to the Department in an electronic format approved by the Department.	Attachment 4 will be submitted to the Oregon Department of Energy in an acceptable, electronic format
OAR 345-21-0010(3)(d) Other Information	
Identification, by legal citation, of all state statutes and administrative rules and local government ordinances containing standards or criteria that the proposed facility must meet for the Council to issue a site certificate, other than statutes, rules and ordinances identified in Exhibit E, and identification of the agencies administering those statutes, administrative rules and ordinances. The applicant must identify all statutes, administrative rules and ordinances that the applicant knows to be applicable to the proposed facility, whether or not identified in the project order. To the extent not addressed by other materials in the application, the applicant must include a discussion of how the proposed facility meets the requirements of the applicable statutes, administrative rules and ordinances.	Section 5
OAR 345-21-0010(3)(e) Additional Statues, Rules, Ordinances	
If the proposed facility is a facility for which the Council has adopted specific standards, information about the facility providing evidence to support findings by the Council as required by the following rules: (A) For wind energy facilities, OAR 345-024-0010 and 345-024-0015; (B) For surface facilities related to underground gas storage reservoirs, OAR 345-024-0030, including information required by OAR 345-024-0030(3); (C) For any transmission line under Council jurisdiction, OAR 345-024-0090; and (D) For a fossil-fueled power plant or other facility that emits carbon dioxide, OAR 345-024-0500 to 345-024-0720.	Section 6
OAR 345-21-0010(3)(f) Other Specific Standards	
Documents prepared in connection with an environmental assessment or environmental impact statement for the proposed facility under the National Environmental Policy Act of 1970, if any, may contain some of the information required under the application information requirements in OAR 345, divisions 021 and 022. The applicant may copy relevant sections of such documents into the appropriate exhibits of the site certificate application. The applicant may otherwise submit full copies of those documents and include, in the appropriate exhibits of the site certificate application, cross-references to the relevant sections of those documents. The applicant may use such documents only to avoid duplication. The applicant must include additional information in the site certificate application as needed to meet the requirements of the application information requirements in OAR 345, divisions 021 and 022.	Section 7

ATTACHMENT 1 FIGURES

Figure 1: Vicinity Map

Figure 2: Preliminary Site Layout

Figure 3: Energy Generation Facilities Map

Figures 4-1 through 4-12: Property Ownership Maps

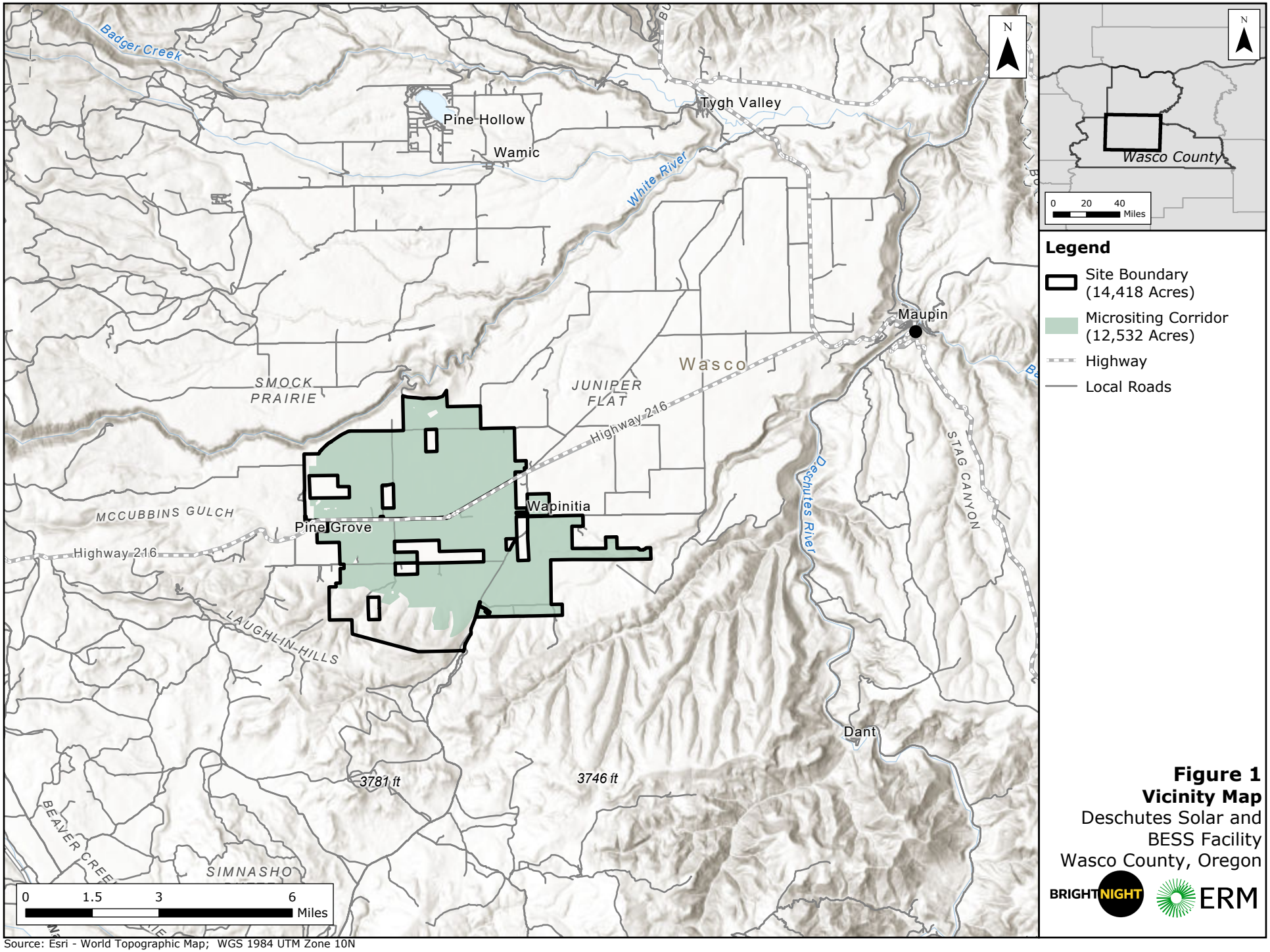


Figure 1
Vicinity Map
Deschutes Solar and BESS Facility
Wasco County, Oregon

BRIGHTNIGHT ERM

Source: Esri - World Topographic Map; WGS 1984 UTM Zone 10N

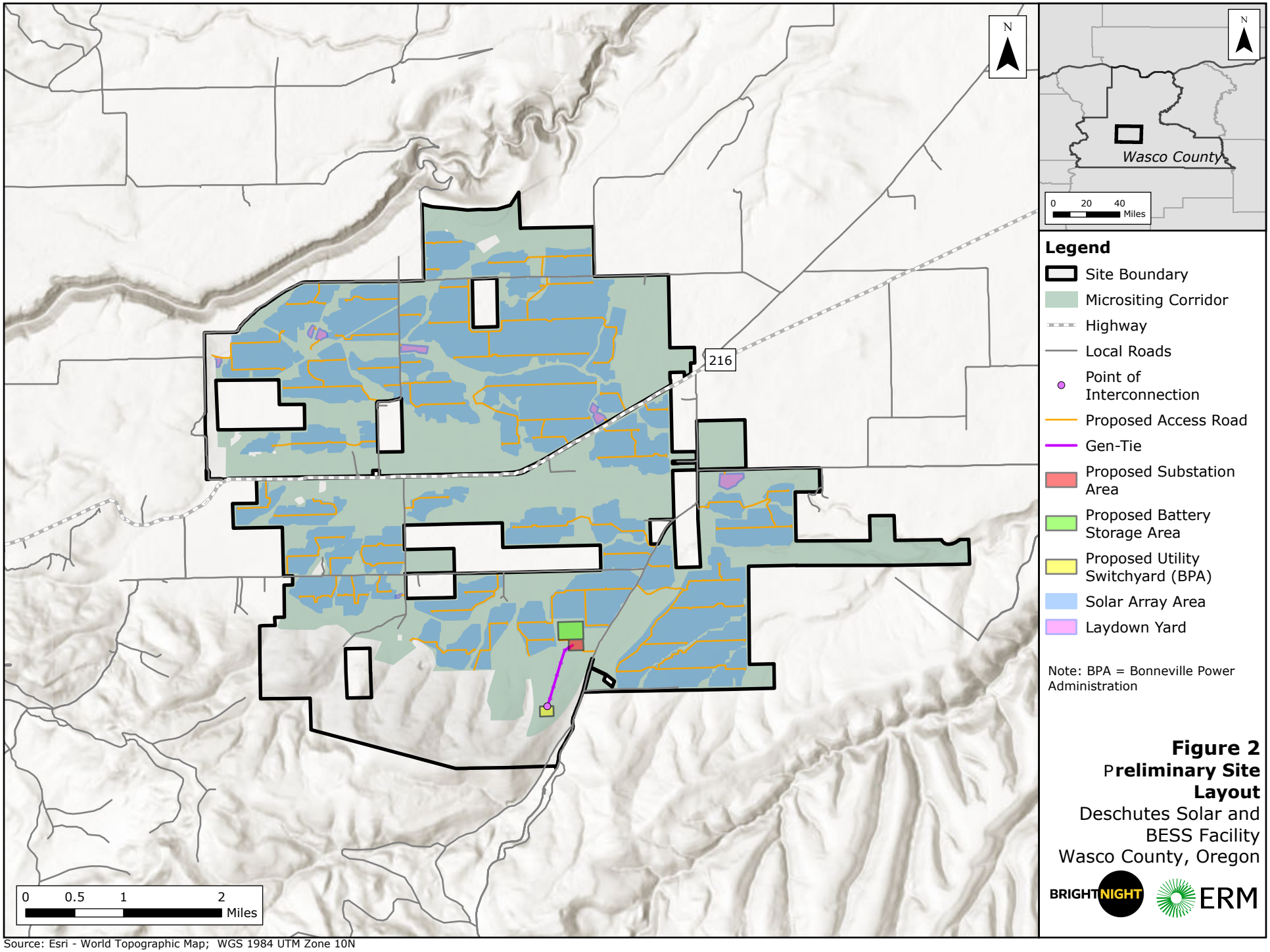


Figure 2
Preliminary Site Layout
Deschutes Solar and BESS Facility
Wasco County, Oregon

Source: Esri - World Topographic Map; WGS 1984 UTM Zone 10N

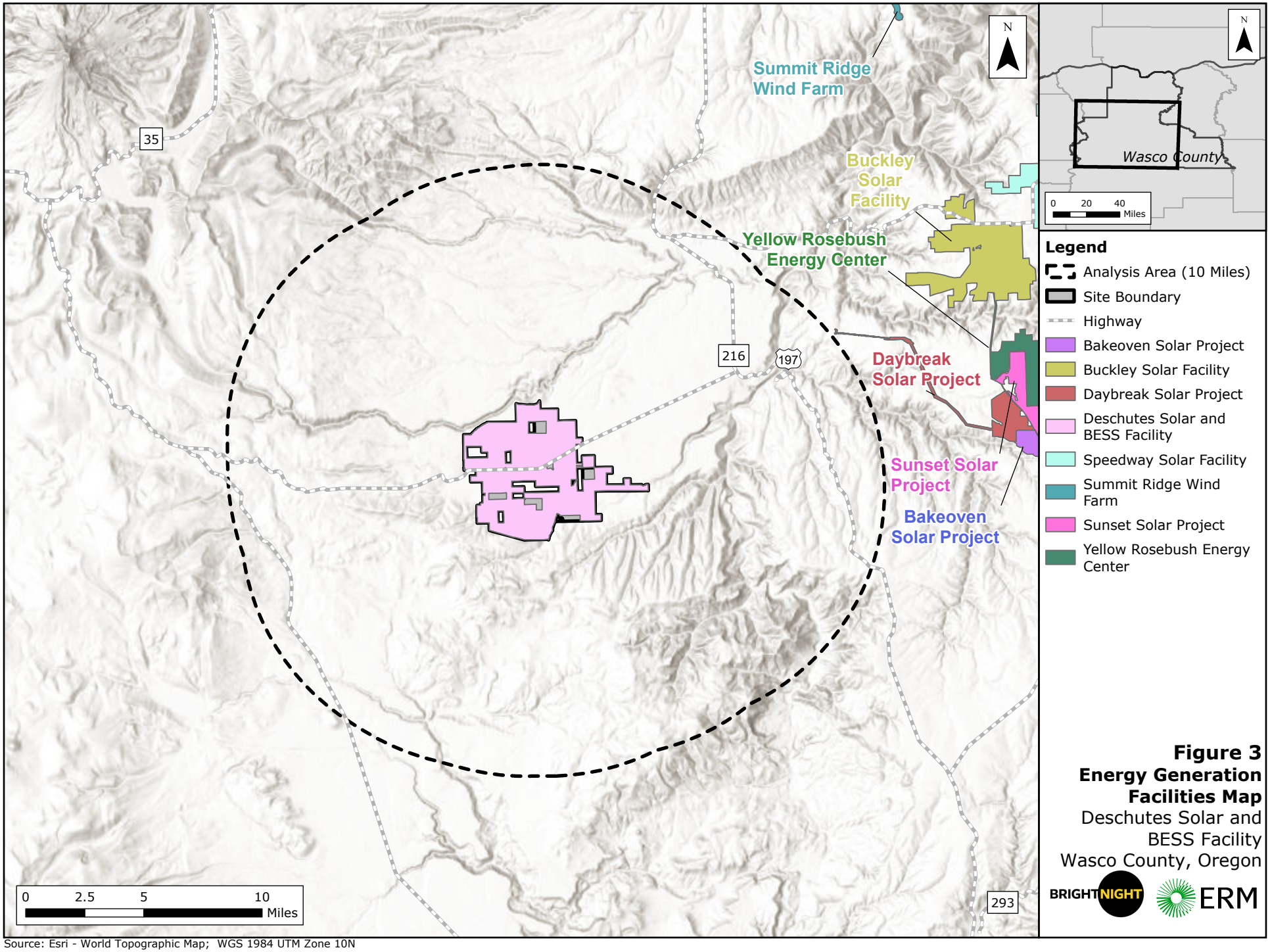


Figure 3
Energy Generation Facilities Map
Deschutes Solar and BESS Facility
Wasco County, Oregon

BRIGHTNIGHT ERM

Source: Esri - World Topographic Map; WGS 1984 UTM Zone 10N

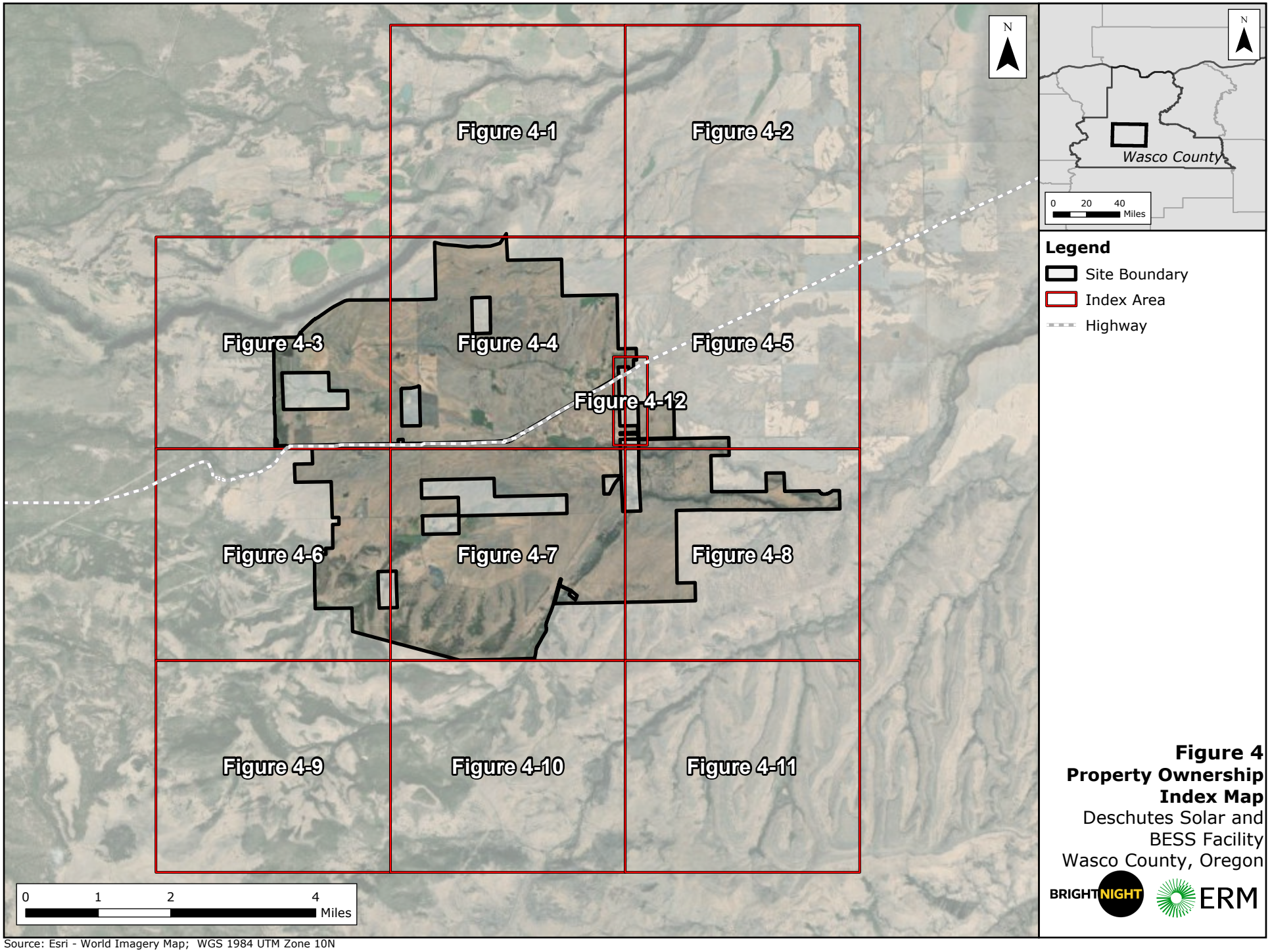


Figure 4
Property Ownership Index Map
Deschutes Solar and BESS Facility
Wasco County, Oregon

Source: Esri - World Imagery Map; WGS 1984 UTM Zone 10N

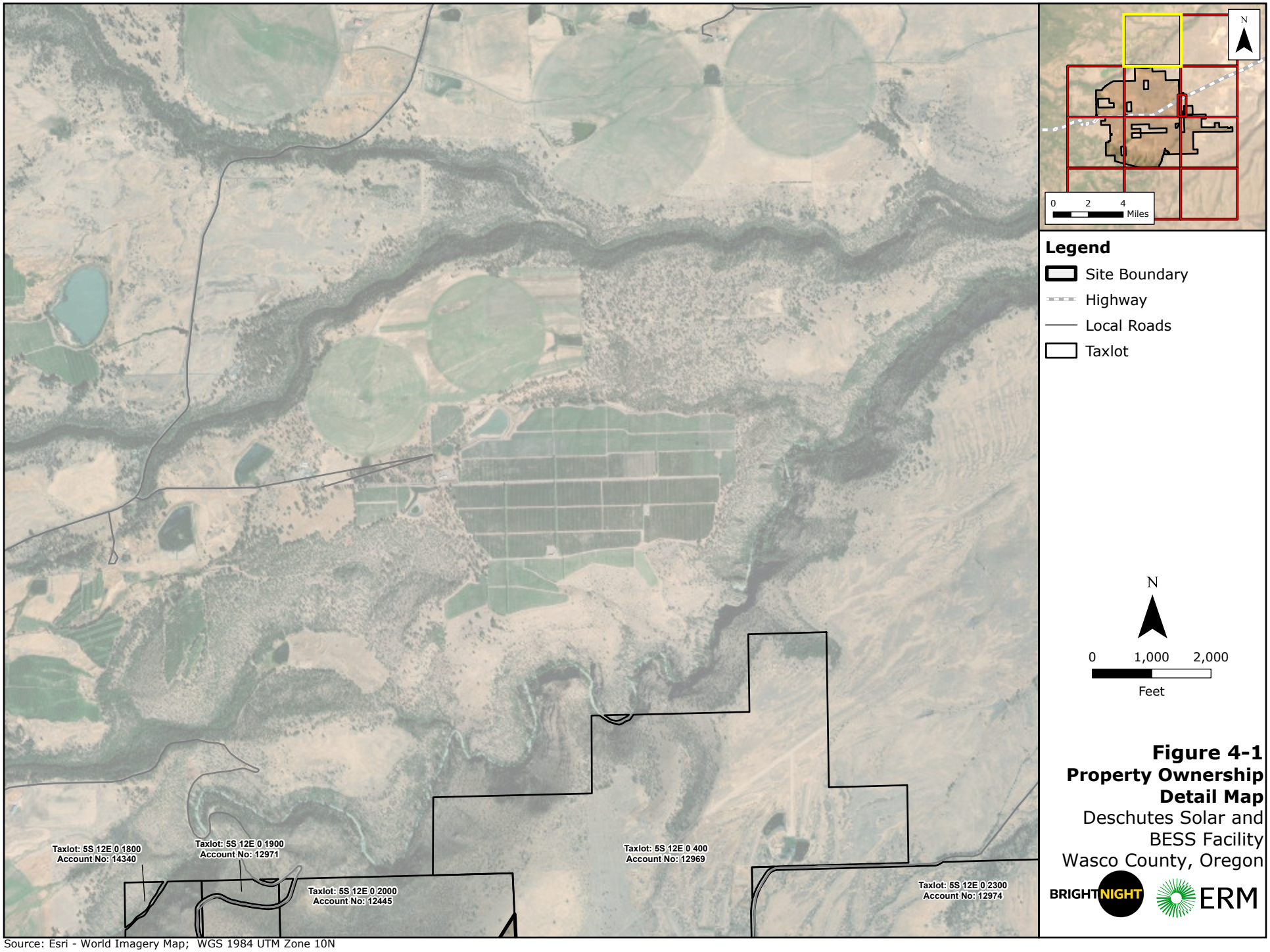


Figure 4-1
Property Ownership Detail Map
Deschutes Solar and BESS Facility
Wasco County, Oregon

Source: Esri - World Imagery Map; WGS 1984 UTM Zone 10N

Figure 4-2
Property Ownership Detail Map
Deschutes Solar and BESS Facility
Wasco County, Oregon

BRIGHTNIGHT ERM

Source: Esri - World Imagery Map; WGS 1984 UTM Zone 10N

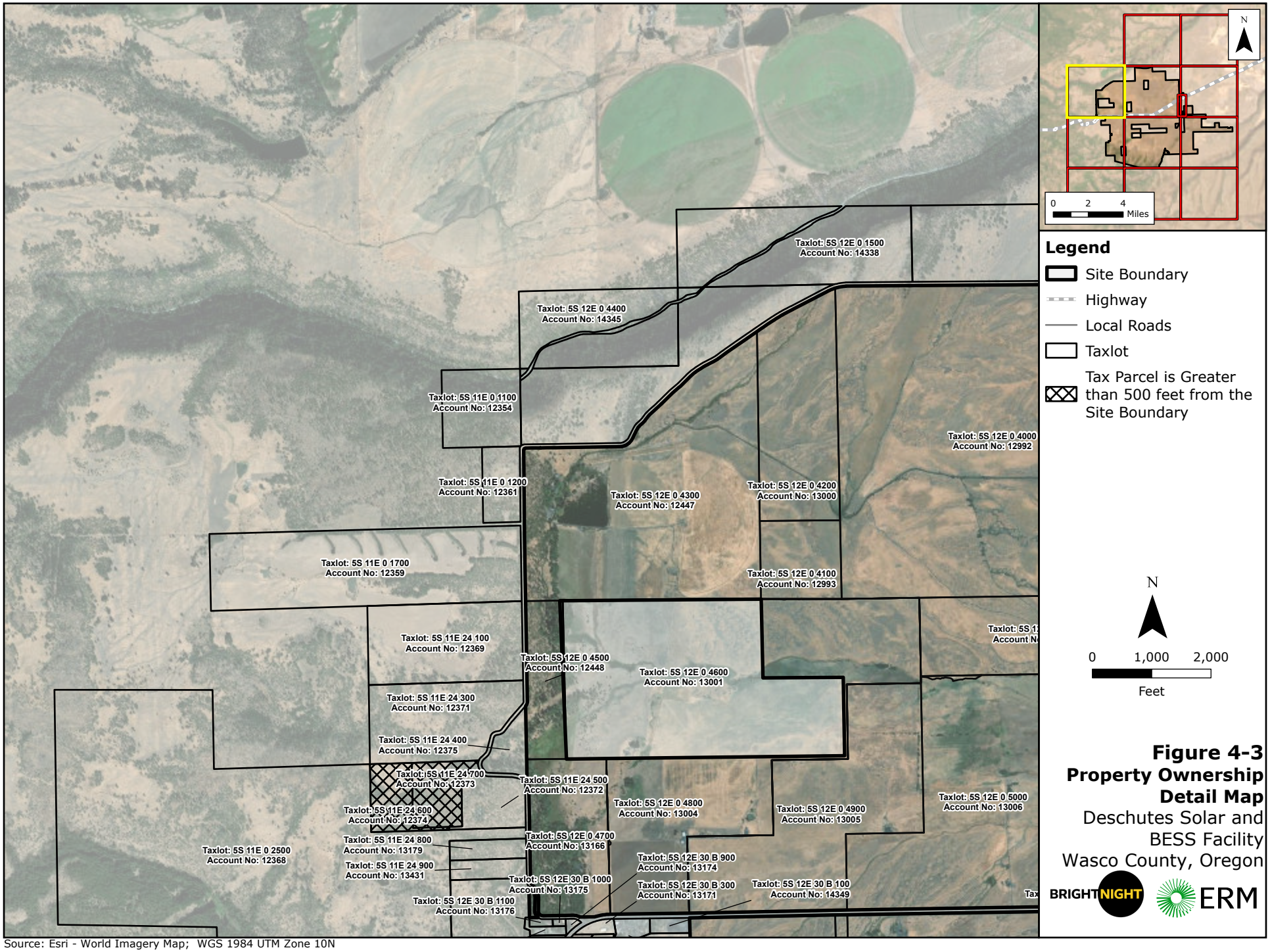


Figure 4-3
Property Ownership Detail Map
Deschutes Solar and BESS Facility
Wasco County, Oregon

BRIGHTNIGHT ERM

Source: Esri - World Imagery Map; WGS 1984 UTM Zone 10N

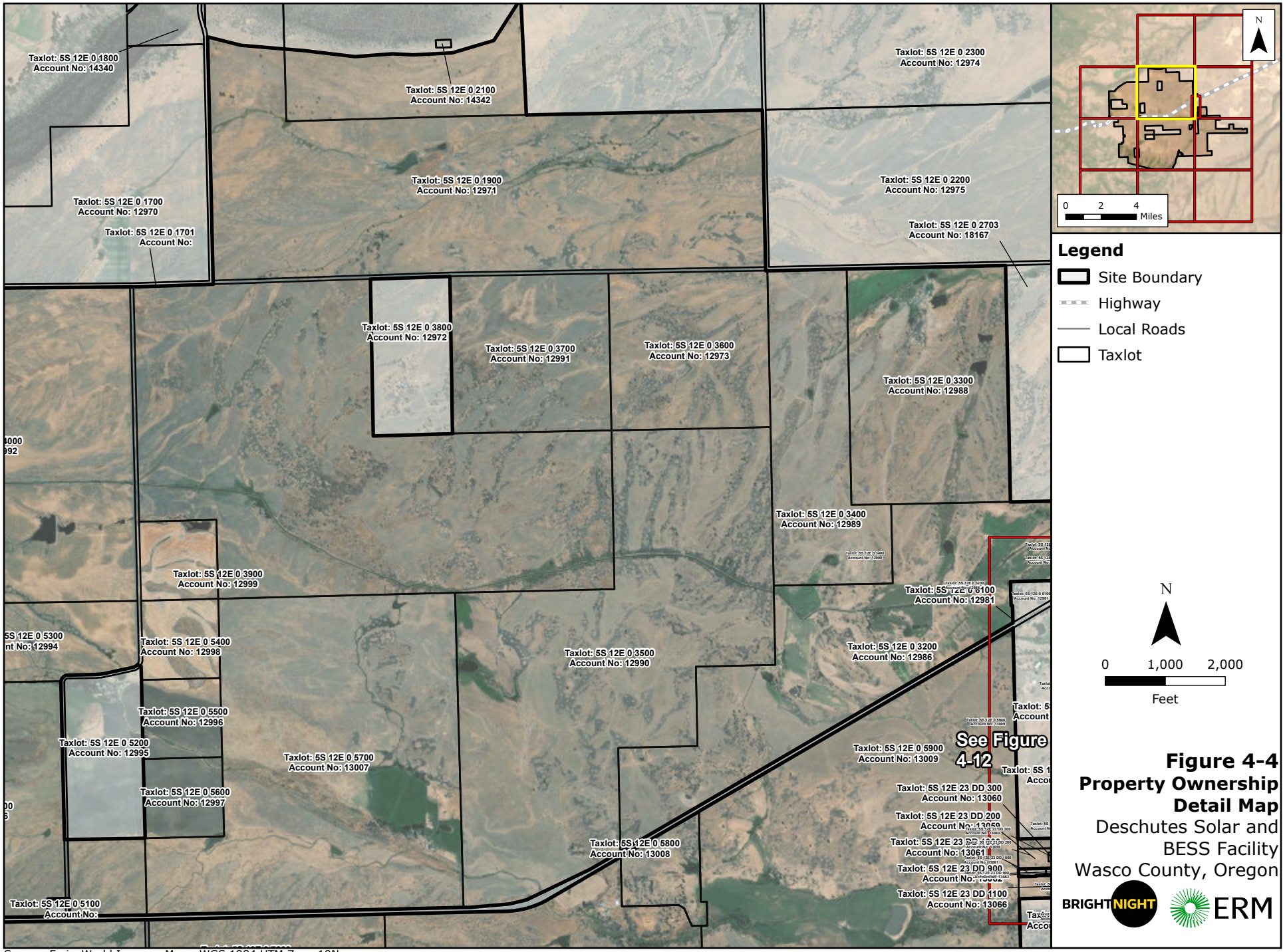


Figure 4-4
Property Ownership Detail Map
Deschutes Solar and BESS Facility
Wasco County, Oregon

BRIGHTNIGHT ERM

Source: Esri - World Imagery Map; WGS 1984 UTM Zone 10N

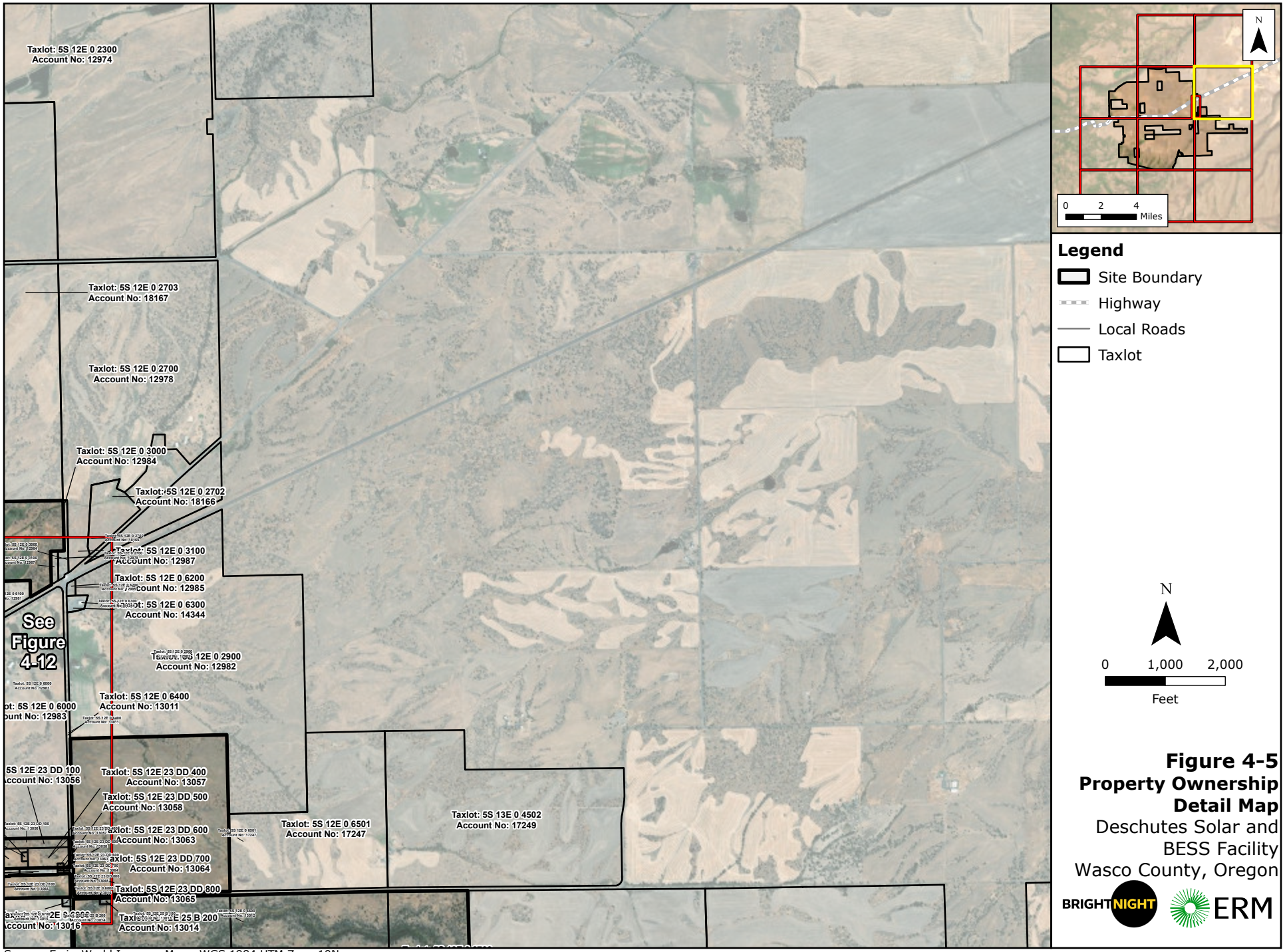


Figure 4-5
Property Ownership Detail Map
Deschutes Solar and BESS Facility
Wasco County, Oregon

BRIGHTNIGHT ERM

Source: Esri - World Imagery Map; WGS 1984 UTM Zone 10N

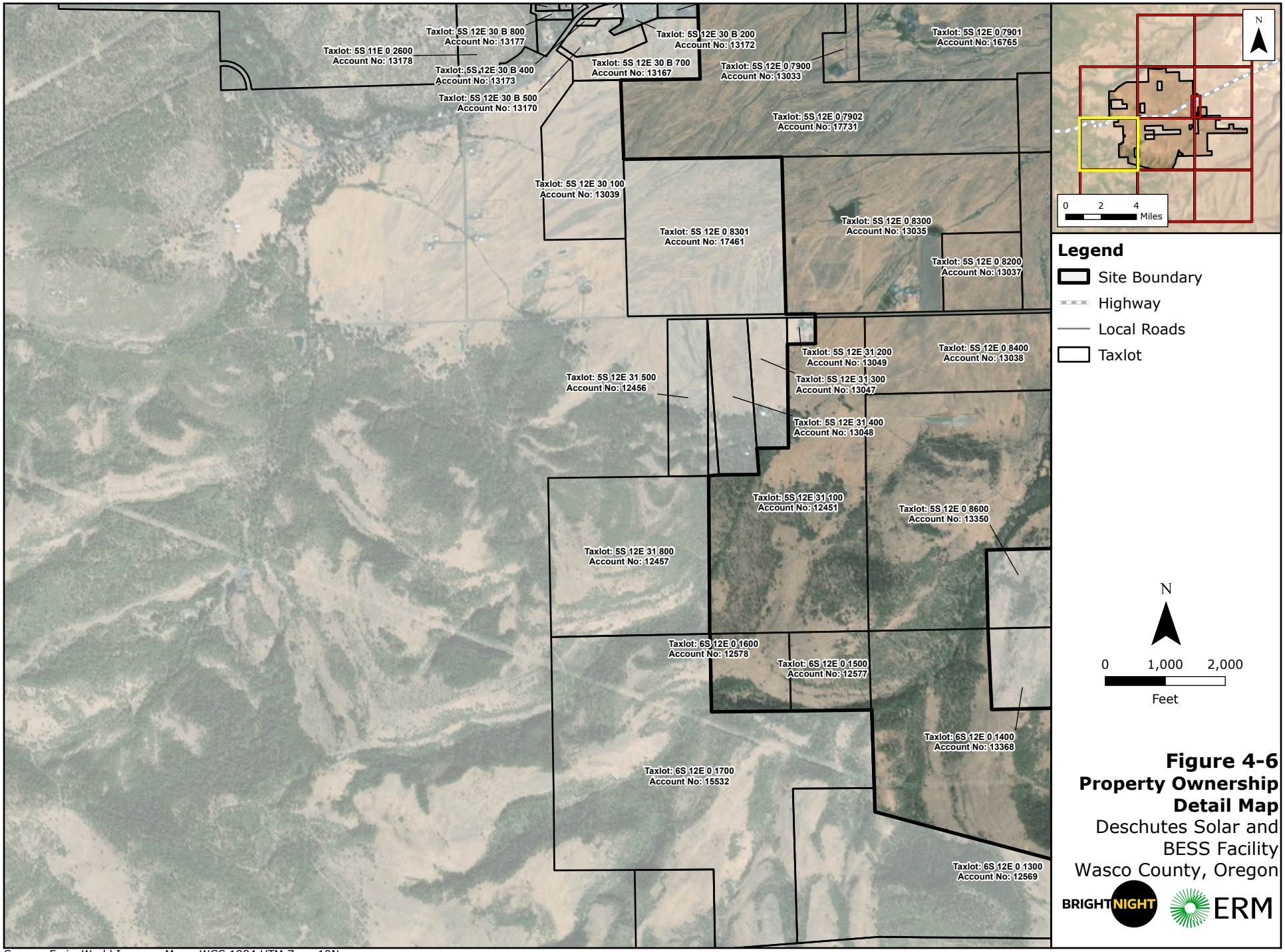


Figure 4-6
Property Ownership Detail Map
Deschutes Solar and BESS Facility
Wasco County, Oregon

BRIGHTNIGHT ERM

Source: Esri - World Imagery Map; WGS 1984 UTM Zone 10N

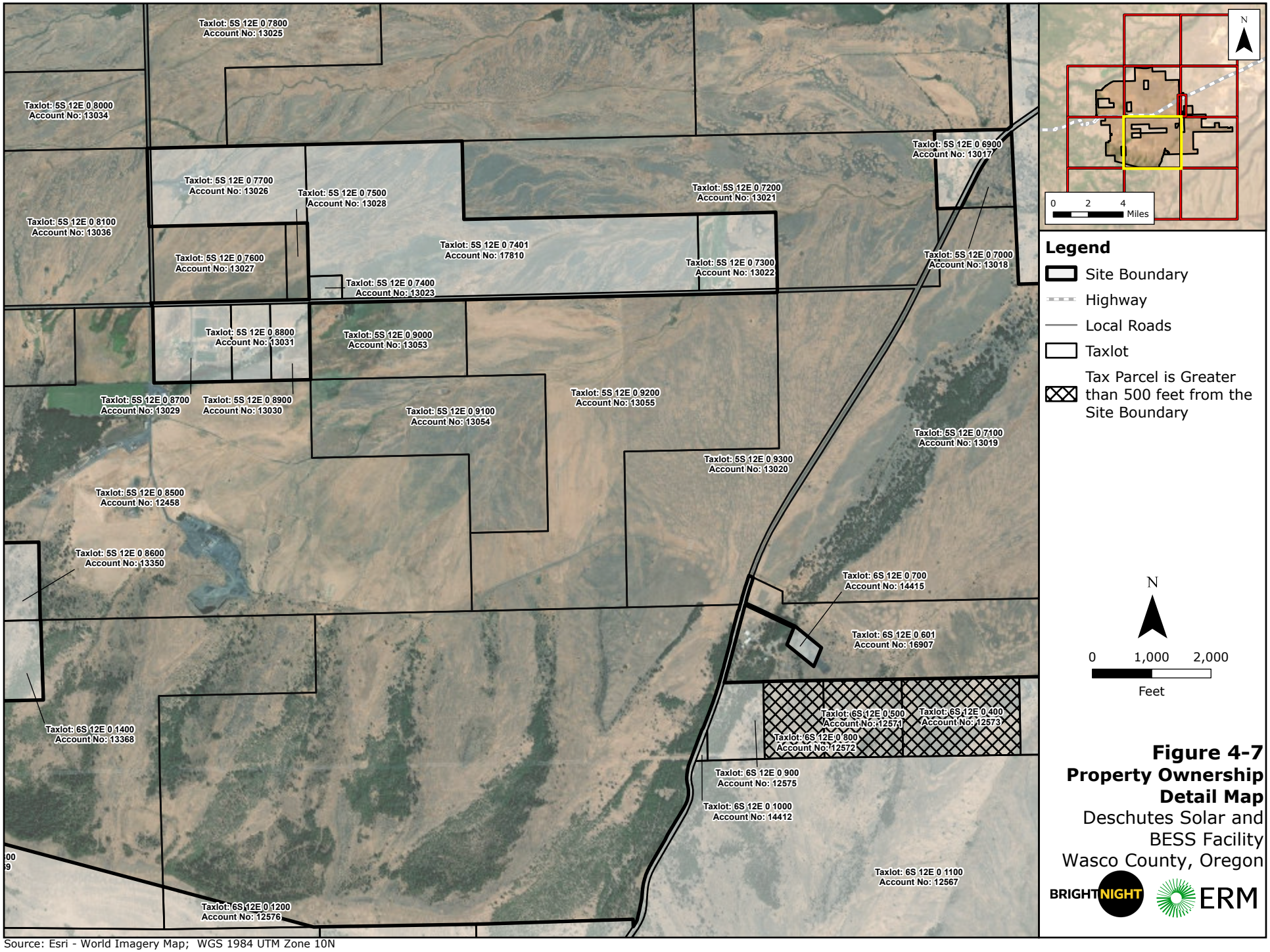


Figure 4-7
Property Ownership Detail Map
Deschutes Solar and BESS Facility
Wasco County, Oregon

BRIGHTNIGHT ERM

Source: Esri - World Imagery Map; WGS 1984 UTM Zone 10N

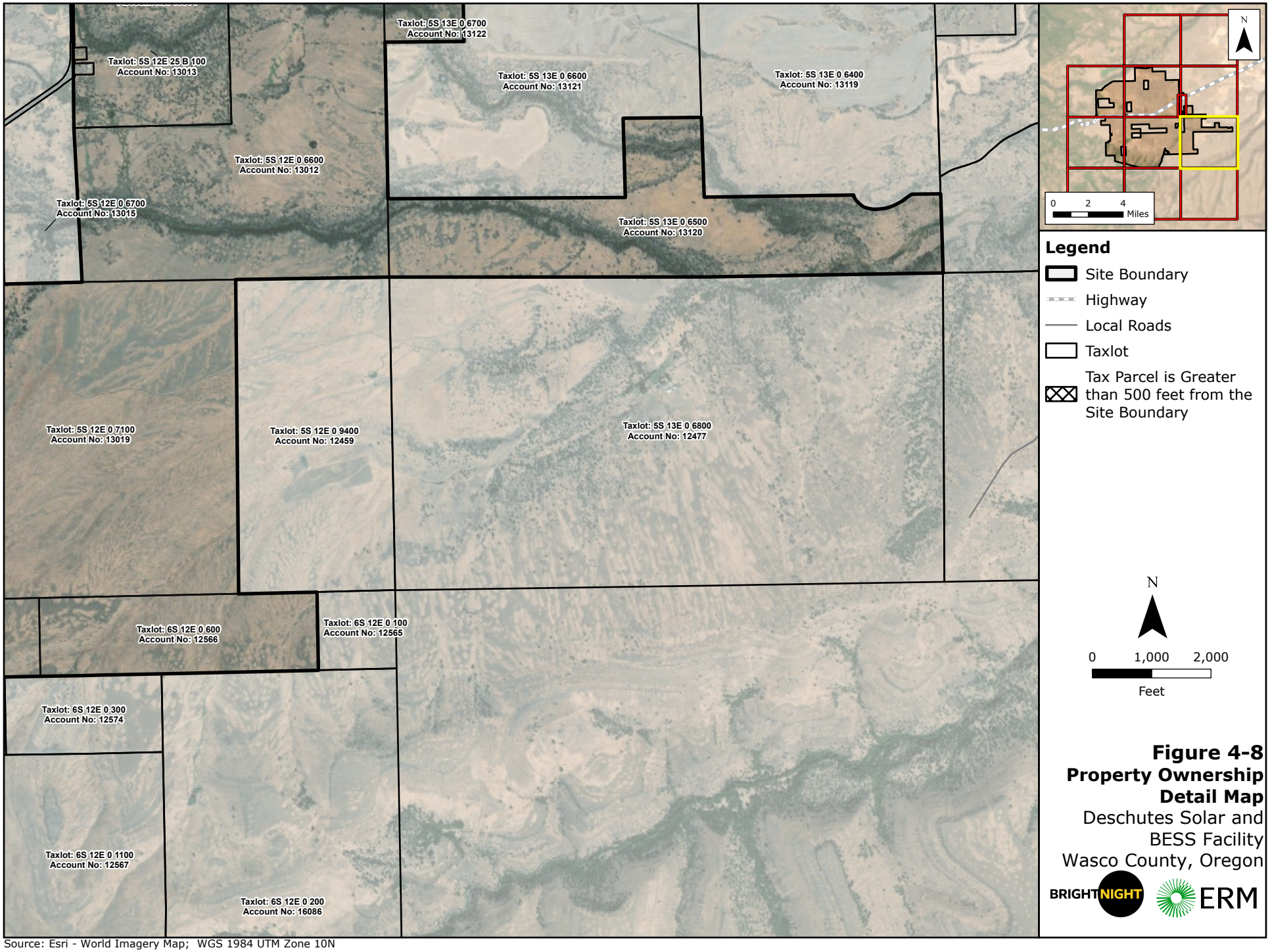


Figure 4-8
Property Ownership Detail Map
Deschutes Solar and BESS Facility
Wasco County, Oregon

BRIGHTNIGHT ERM

Source: Esri - World Imagery Map; WGS 1984 UTM Zone 10N

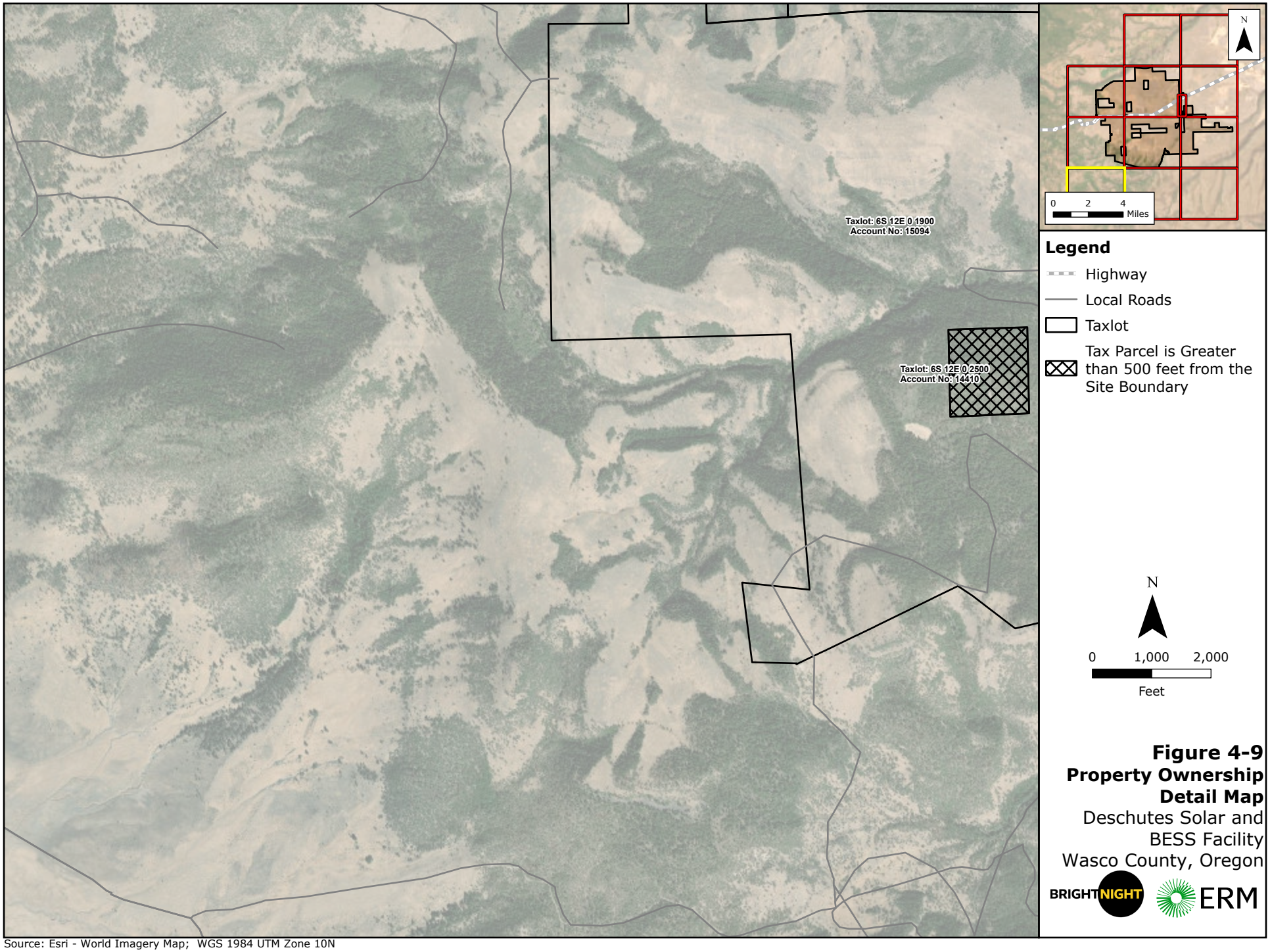


Figure 4-9
Property Ownership Detail Map
Deschutes Solar and BESS Facility
Wasco County, Oregon

Source: Esri - World Imagery Map; WGS 1984 UTM Zone 10N

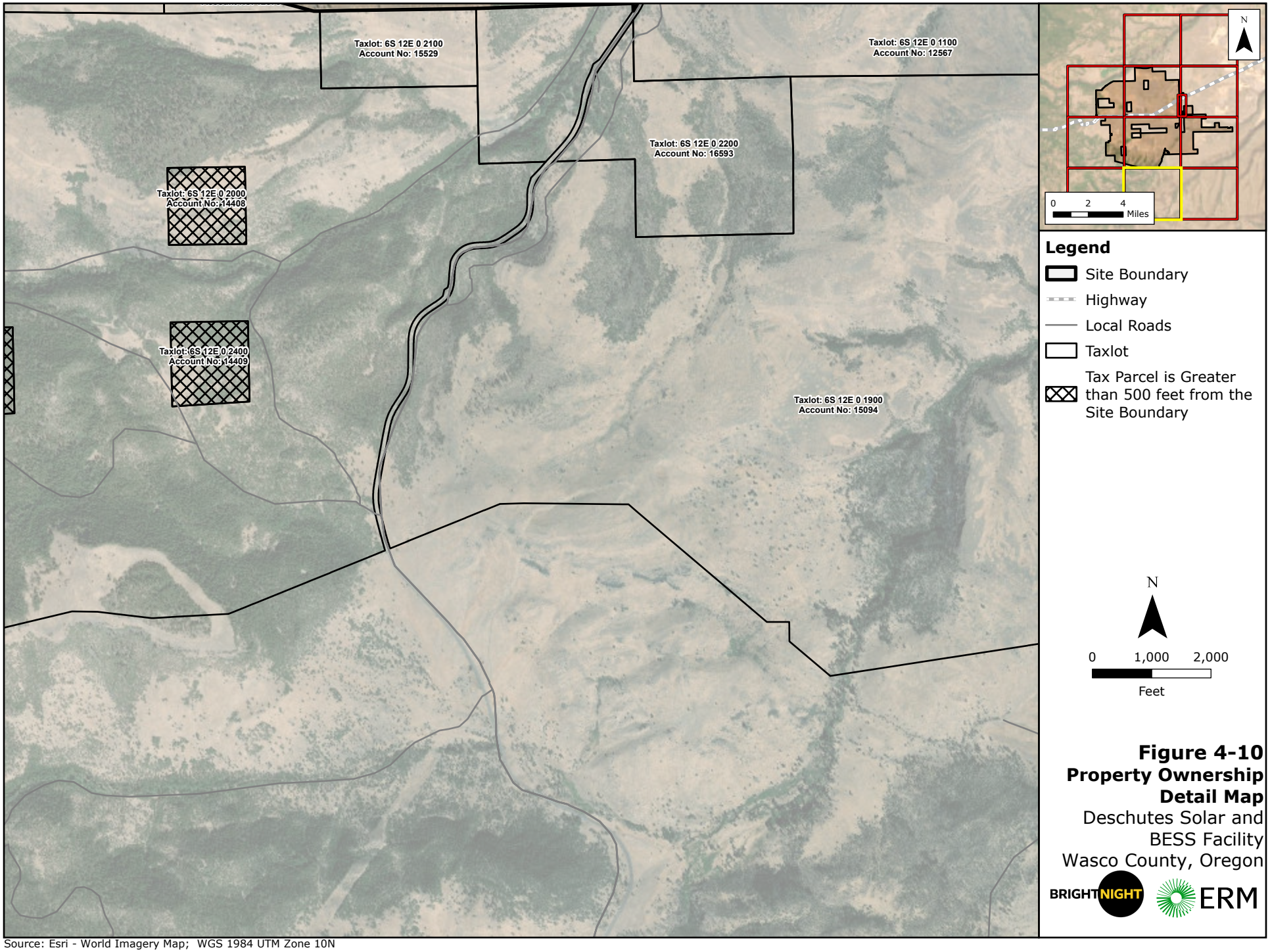


Figure 4-10
Property Ownership Detail Map
Deschutes Solar and BESS Facility
Wasco County, Oregon

BRIGHTNIGHT ERM

Source: Esri - World Imagery Map; WGS 1984 UTM Zone 10N

Figure 4-11
Property Ownership Detail Map
Deschutes Solar and BESS Facility
Wasco County, Oregon

Source: Esri - World Imagery Map; WGS 1984 UTM Zone 10N

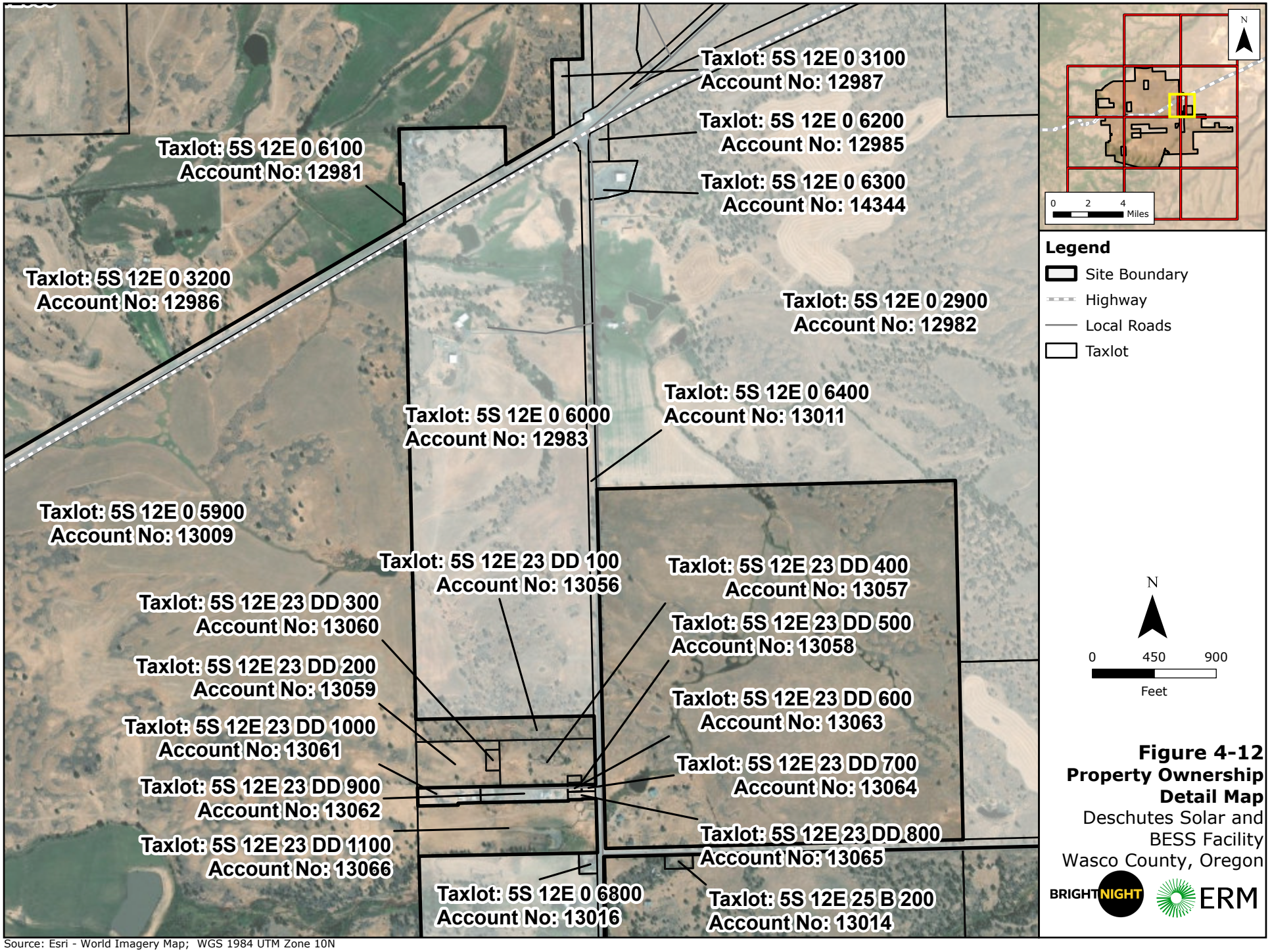


Figure 4-12
Property Ownership Detail Map
Deschutes Solar and BESS Facility
Wasco County, Oregon

Source: Esri - World Imagery Map; WGS 1984 UTM Zone 10N

ATTACHMENT 2 FACILITY COMPONENT SUMMARY

Component and Design Standard	No.	Unit
Site Boundary		
Site Boundary	14,418	acres
Micrositing Corridor	12,532	acres
Maximum Footprint[1]	6,137	acres
Solar Components		
PV Solar Modules		
Solar Array Area	5,376	acres
Total number	2,160,600 (approximate)	modules
Maximum height at full-tilt	11	feet
Posts		
Total number (mounted on driven or predrilled piles, no concrete foundations)	322,225 (approximate)	posts
Cabling		
Combiner Boxes or load break disconnects	3,682 (if load break disconnects are used, the total number will be lower)	each
Inverter Step Up Transformer Units		
Total number	271 (approximate)	each
Noise level	92	dBA
Transformer oil-containing capacity	1,000	gallons
Related or Supporting Facility Components		
34.5 kV Collection System		
Collector line length, belowground	320	miles
Collector Substations		
Substations with SCADA; Generator step-up transformers, each	One new collector substation (micrositing corridor)	each
Site size	10.7	acres
Transformer oil-containing capacity	13,000	gallons/each
Transformer noise level[2]	71	dBA
Maximum height of structures	35	feet
Switchyard		
Stations, breakers each	Up to 4	each
Site size (northern and/or within solar fence line); with foundations and graveled areas	9.2	acres
500 kV Gen-tie Line		
Length (total; northern line; southern line)	0.5	miles
Structures: Type (Galvanized Steel); quantity	6	each
Height of structures	95	feet
O&M Building		

Component and Design Standard	No.	Unit
Quantity	1	each
Site size	1.5	acres
Height	Up to 20	feet
Appurtenances	On-site well, septic system, SCADA System	
Storage for Replacement Solar Panels		
Containers	4	each
Container dimensions	10 x 8 x 40 (approximate)	H x W x L; feet
Location	Adjacent to O&M Building, within building site footprint	
Facility Roads		
Length	72	miles
Width	16 to 24[3]	feet
Perimeter Fence		
Length	93.4	miles
Height	8	feet
Access/gates	20	each
Temporary Construction Areas		
Quantity	6	each
Site size	52	acres
Description	52 acres total across 6 temporary laydown areas	
Battery Energy Storage System (specify technology when known)		
Total batteries/containers on foundations with HVAC and fire suppression systems; SCADA	1,062 (approximate)	each
Site size	25	acres
Container dimensions	9.5 x 8 x 19 (approximate)	H x W x L; feet
Noise level (broadband)	84	dBA

Acronyms: dBA = A-weighted decibels; kV = kilovolt; OH = overhead, SCADA = supervisory control and data acquisition

Notes:

[1]The temporary (695 acres) and permanent (5,442 acres) disturbance areas of the Facility may occupy up to 6,137 acres within the micrositing corridor; however, the Facility's permanent footprint will not occupy the entire micrositing corridor as areas within the micrositing corridor will be avoided and buffered.

[2] Substation will include five 211 MVA transformers, each 71 dBA at 50 feet.

[3] 72 miles total of new road, 0.2 miles to be 24-feet wide, 5.4 miles to be 20-feet wide, the remainder to be 16-feet wide.

ATTACHMENT 3 REPRESENTATIVE MAJOR AND SUPPORTING FACILITY COMPONENTS

FIGURE 1

DESCHUTES SOLAR PROJECT	
Representative Solar Panel and Tracker System[1]	

[1] Ground-Mounted Solar: Advantages by Hans Energy Systems

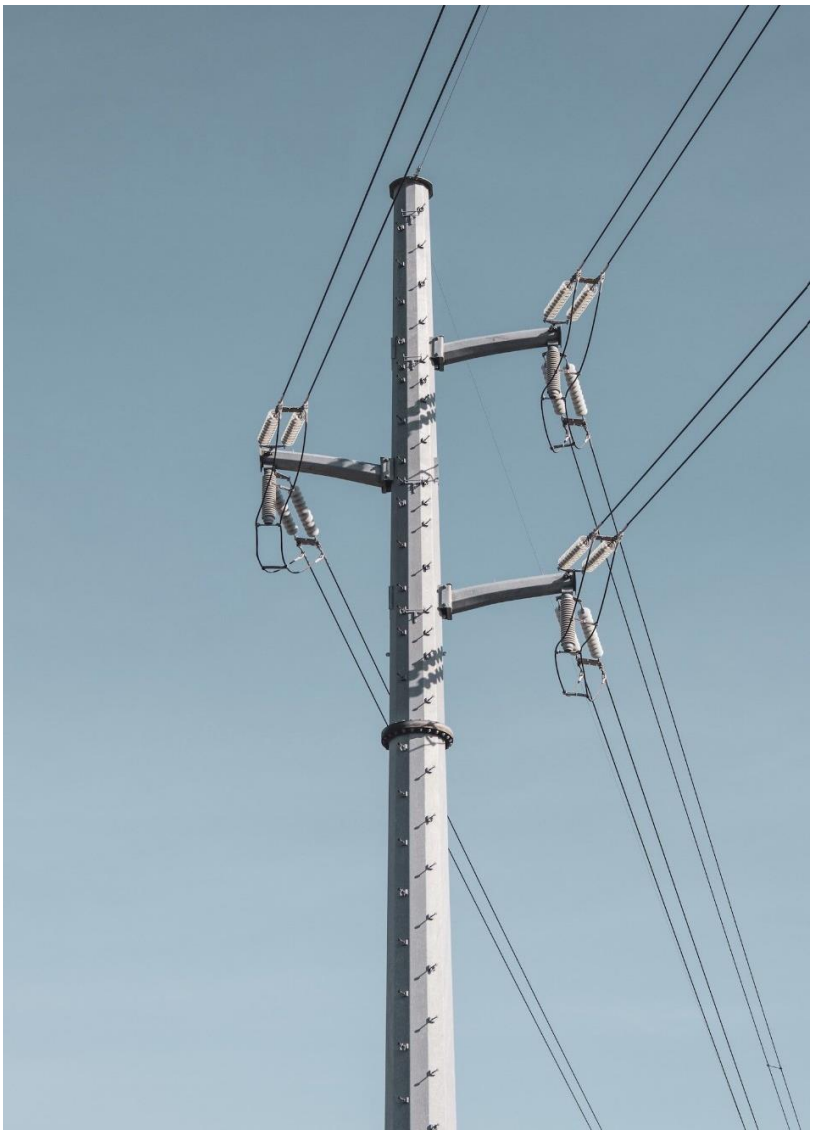
FIGURE 2

DESCHUTES SOLAR PROJECT	BRIGHTNIGHT Power when you need it ERM
Representative Inverter	

FIGURE 3

DESCHUTES SOLAR PROJECT	
Representative Transformer	

FIGURE 4



DESCHUTES SOLAR PROJECT	BRIGHTNIGHT Power when you need it ERM
Representative Generation-Tie Line Support Structure	

FIGURE 5

DESCHUTES SOLAR PROJECT	BRIGHTNIGHT Power when you need it ERM
Representative Transmission Line Support Structure	

FIGURE 6

DESCHUTES SOLAR PROJECT	BRIGHTNIGHT Power when you need it ERM
Representative BESS System	

ATTACHMENT 4 PROPERTY OWNERSHIP TABLE

Attachment 4
List of Owner Names and Mailing Addresses
Deschutes Solar and BESS Project

Map Tax Lot ID	Within Site Boundary	Last Name 1	First & Middle Names 1	Last Name 2	First & Middle Names 2	Company/Organization	Mailing Address	City	State	Zip Code
5S 11E 0 1100	No					State of Oregon	4034 Fairview Industrial Dr SE	Salem	Oregon	97302
5S 11E 0 1200	No					State of Oregon	4034 Fairview Industrial Dr SE	Salem	Oregon	97302
5S 11E 0 1700	No					State of Oregon	4034 Fairview Industrial Dr SE	Salem	Oregon	97302
5S 11E 0 2500	No					State of Oregon	4034 Fairview Industrial Dr SE	Salem	Oregon	97302
5S 11E 0 2600	No	Miller	Lawrence C	Miller	Gloria		77891 Hwy 216	Maupin	Oregon	97037
5S 11E 24 100	No					State of Oregon	4034 Fairview Industrial Dr SE	Salem	Oregon	97302
5S 11E 24 300	No					State of Oregon	4034 Fairview Industrial Dr SE	Salem	Oregon	97302
5S 11E 24 400	No	Dodge	Richard E	Dodge	Janie P		78888 Walters Rd	Maupin	Oregon	97037
5S 11E 24 500	No	Jones	James E				53006 Endersby Rd	Maupin	Oregon	97037
5S 11E 24 800	No	Miller	Lawrence C	Miller	Gloria		77891 Hwy 216	Maupin	Oregon	97037
5S 11E 24 900	No	Miller	Lawrence C	Miller	Gloria		77891 Hwy 216	Maupin	Oregon	97037
5S 12E 0 1500	No					United States of America	3050 NE 3rd St	Prineville	Oregon	97754
5S 12E 0 1700	No	Mead	Kimberly S				78901 Victor Rd	Maupin	Oregon	97037
5S 12E 0 1701	Yes	Ambrose	Barbara	Ambrose	Melvin		78901 Victor Rd	Maupin	Oregon	97037
5S 12E 0 1800	No					United States of America	3050 NE 3rd St	Prineville	Oregon	97754
5S 12E 0 1900	Yes	Dodge	Richard E	Dodge	Janie P		78888 Walters Rd	Maupin	Oregon	97037
5S 12E 0 2000	No	Dodge	Richard T				74125 Johns Ln	Pendleton	Oregon	97801
5S 12E 0 2100	No	Dodge	Richard E	Dodge	Janie P	Cemetery	78888 Walters Rd	Maupin	Oregon	97037
5S 12E 0 2200	No	Ambrose	Barbara	Ambrose	Melvin		78901 Victor Rd	Maupin	Oregon	97037
5S 12E 0 2300	No					Loren & Sandra Mcleod Revocable Trust	1208 Toliver Rd	Molalla	Oregon	97038
5S 12E 0 2700	No	Williamson	Claude L	Williamson	Emilie S		80691 Old Wapinitia Rd	Maupin	Oregon	97037
5S 12E 0 2702	No	Ogilvie	Gregory L				PO Box 315	Eagle Creek	Oregon	97022
5S 12E 0 2703	No	Williamson	Claude L	Williamson	Emilie S		80691 Old Wapinitia Rd	Maupin	Oregon	97037
5S 12E 0 2900	No	Carter	Nancy H				53231 Reservation Rd	Maupin	Oregon	97037
5S 12E 0 3000	No	Fullington	Neil A	Fullington	Kayla M		14485 S Union Hall Rd	Mulino	Oregon	97042
5S 12E 0 3100	No	Fullington	Neil A	Fullington	Kayla M		14485 S Union Hall Rd	Mulino	Oregon	97042
5S 12E 0 3200	Yes	Groce	Gregory S				80242 Claymier Lane	Maupin	Oregon	97037
5S 12E 0 3300	Yes	Groce	Gregory S				80242 Claymier Lane	Maupin	Oregon	97037
5S 12E 0 3400	Yes	Groce	Gregory S				80242 Claymier Lane	Maupin	Oregon	97037
5S 12E 0 3500	Yes	Fullington	Neil A	Fullington	Kayla M		14485 S Union Hall Rd	Mulino	Oregon	97042
5S 12E 0 3600	Yes	Dodge	Richard E	Dodge	Janie P		78888 Walters Rd	Maupin	Oregon	97037
5S 12E 0 3700	Yes	Woodside	Van L	Woodside	Sandra S		81551 Victor Rd	Maupin	Oregon	97037
5S 12E 0 3800	No*	Wills	Benjamin	Wills	Tess		78903 Victor Rd	Maupin	Oregon	97037
5S 12E 0 3900	Yes	Waine	Michael T	Waine	Juliane I		78769 Victor Rd	Maupin	Oregon	97037
5S 12E 0 400	No					Fjr LLC	PO Box 189	Boring	Oregon	97009
5S 12E 0 4000	Yes	Dodge	Richard E	Dodge	Janie P		78888 Walters Rd	Maupin	Oregon	97037
5S 12E 0 4100	Yes	Dodge	Richard E	Dodge	Janie P		78888 Walters Rd	Maupin	Oregon	97037
5S 12E 0 4200	Yes	Dodge	Richard E	Dodge	Janie P		78888 Walters Rd	Maupin	Oregon	97037
5S 12E 0 4300	Yes	Dodge	Richard	Dodge	Janie		78888 Walters Rd	Maupin	Oregon	97037
5S 12E 0 4400	No					United States of America	3050 NE 3rd St	Prineville	Oregon	97754
5S 12E 0 4500	Yes	Dodge	Richard	Dodge	Janie		78888 Walters Rd	Maupin	Oregon	97037
5S 12E 0 4600	No*	Johnson	Carol Ann				52973 Endersby Rd	Maupin	Oregon	97037
5S 12E 0 4700	Yes	Dodge	Richard	Dodge	Janie		78888 Walters Rd	Maupin	Oregon	97037
5S 12E 0 4800	Yes	Elmer	Garren G			Trustee	2536 Lewis River Rd	Woodland	Washington	98674
5S 12E 0 4900	Yes	Brown	Lonny D	Brown	Pamela A		PO Box 879	Fairview	Oregon	97024
5S 12E 0 5000	Yes	Dodge	Richard E	Dodge	Janie P		78888 Walters Rd	Maupin	Oregon	97037
5S 12E 0 5100	No*					Northern Wasco County Public Utilities Department	2345 River Road	The Dalles	Oregon	97058
5S 12E 0 5200	No*	Waine	Michael T	Waine	Juliane I		78769 Victor Rd	Maupin	Oregon	97037
5S 12E 0 5300	Yes	Dodge	Richard E	Dodge	Janie P		78888 Walters Rd	Maupin	Oregon	97037
5S 12E 0 5400	Yes	Waine	Michael T	Waine	Juliane I		78769 Victor Rd	Maupin	Oregon	97037
5S 12E 0 5500	Yes	Waine	Michael T	Waine	Juliane I		78769 Victor Rd	Maupin	Oregon	97037
5S 12E 0 5600	Yes	Waine	Michael T	Waine	Juliane I		78769 Victor Rd	Maupin	Oregon	97037
5S 12E 0 5700	Yes	Holder	Traci				1116 SE Lambert St	Portland	Oregon	97202
5S 12E 0 5800	Yes	Frasier	Eric	Frasier	Glory		79702 Hwy 216	Maupin	Oregon	97037
5S 12E 0 5900	Yes					Snodgrass Mickey L et al	13051 SW Foran Hills Ct	Tigard	Oregon	97224
5S 12E 0 6000	No	Aschoff	Dallas	Aschoff	Tara		53228 Reservation Rd	Maupin	Oregon	97037
5S 12E 0 6100	No	Richley	Elizabeth L				80377 Hwy 216	Maupin	Oregon	97037
5S 12E 0 6200	No	Walters	Eugene				81213 Old Wapinitia Rd	Maupin	Oregon	97037

Attachment 4
List of Owner Names and Mailing Addresses
Deschutes Solar and BESS Project

Map Tax Lot ID	Within Site Boundary	Last Name 1	First & Middle Names 1	Last Name 2	First & Middle Names 2	Company/Organization	Mailing Address	City	State	Zip Code
5S 12E 0 6300	No					Juniper Flat Rural Fire Protection	53333 Reservation Rd	Maupin	Oregon	97037
5S 12E 0 6400	No					Snodgrass Mickey L et al	13051 SW Foran Hills Ct	Tigard	Oregon	97224
5S 12E 0 6501	No	Campbell	Gregory D	Campbell	Laura C		81025 E Wapinitia Rd	Maupin	Oregon	97037
5S 12E 0 6600	Yes					Snodgrass Mickey L et al	13051 SW Foran Hills Ct	Tigard	Oregon	97224
5S 12E 0 6700	No*	Silvey	Brian D	Silvey	Lisa M		52802 Reservation Rd	Maupin	Oregon	97037
5S 12E 0 6800	No	White	Earl E	White	Sharon V		290 NE Ninth St	Irrigon	Oregon	97844
5S 12E 0 6900	No*	Beebe	Malcolm J	Beebe	Debra K		52590 Reservation Rd	Maupin	Oregon	97037
5S 12E 0 7000	Yes					Snodgrass Mickey L et al	13051 SW Foran Hills Ct	Tigard	Oregon	97224
5S 12E 0 7100	Yes	Hein	Kenneth W				PO Box 29	Maupin	Oregon	97037
5S 12E 0 7200	Yes	Skogrand	Richard	Lamirande	Pamela Lt		3107 SE Knapp St	Portland	Oregon	97202
5S 12E 0 7300	No*	Tolentino	John A	Tolentino	Virginia		PO Box 94	Maupin	Oregon	97037
5S 12E 0 7400	No*	Wentzel	Duane	Wentzel	Dorothy		79205 Back Walters Rd	Maupin	Oregon	97037
5S 12E 0 7401	No*					SMI Group LLC	1255 NW 9Th Ave Apt 115	Portland	Oregon	97209
5S 12E 0 7500	Yes	Soskin	Steven				1435 Windy Knoll Lane	Deland	Florida	32724
5S 12E 0 7600	Yes	Soskin	Steven L				1435 Windy Knoll Lane	Deland	Florida	32724
5S 12E 0 7700	No*	Wassenmiller	Gary L	Wassenmiller	Luann M		PO Box 237	Maupin	Oregon	97037
5S 12E 0 7800	Yes	Dodge	Richard T				78888 Walters Rd	Maupin	Oregon	97037
5S 12E 0 7900	Yes	Dodge	Richard T				78888 Walters Rd	Maupin	Oregon	97037
5S 12E 0 7901	Yes	Dodge	Richard T				78888 Walters Rd	Maupin	Oregon	97037
5S 12E 0 7902	Yes	Dodge	Richard T				78888 Walters Rd	Maupin	Oregon	97037
5S 12E 0 8000	Yes					Sterling Trust	1435 Windy Knoll Lane	Deland	Florida	32724
5S 12E 0 8100	Yes					Sterling Trust	1435 Windy Knoll Lane	Deland	Florida	32724
5S 12E 0 8200	Yes					Sterling Trust	1435 Windy Knoll Lane	Deland	Florida	32724
5S 12E 0 8300	Yes	Lewis	Andrew M	Lewis	Joyce K		78451 Walters Rd	Maupin	Oregon	97037
5S 12E 0 8301	No	Lam	Stanley				2525 Coconut Dr	San Jose	California	95148
5S 12E 0 8400	Yes	Hill Jr	Leland W	Hill	Betty J		14991 S Macksburg Rd	Molalla	Oregon	97038
5S 12E 0 8500	Yes	Dodge	Richard E	Dodge	Janie P		78888 Walters Rd	Maupin	Oregon	97037
5S 12E 0 8600	No*					Parman Trust RLT	PO Box 324	Maupin	Oregon	97037
5S 12E 0 8700	No	Kruger	Donald	Kruger	Sandra		12508 NW Mtn View Rd	Portland	Oregon	97231
5S 12E 0 8800	No	Johnson	Dale F	Johnson	Sharon F		79116 Back Walters Rd	Maupin	Oregon	97037
5S 12E 0 8900	No	Watson	Henry A				79118 Back Walters Rd	Maupin	Oregon	97037
5S 12E 0 9000	Yes	Dodge	Chad E				74125 Johns Ln	Pendleton	Oregon	97801
5S 12E 0 9100	Yes	Treanor	Paul E				1040 Yorkshire Ct SE	Salem	Oregon	97317
5S 12E 0 9200	Yes	Dodge	Richard E	Dodge	Janie P		78888 Walters Rd	Maupin	Oregon	97037
5S 12E 0 9300	Yes	Dodge	Richard E	Dodge	Janie P		78888 Walters Rd	Maupin	Oregon	97037
5S 12E 0 9400	No	Wisenbaker	Jamie D	Wisenbaker	Shellee		822 Alder Rd	Washougal	Washington	98671
5S 12E 23 DD 100	Yes					Snodgrass Mickey L et al	13051 SW Foran Hills Ct	Tigard	Oregon	97224
5S 12E 23 DD 1000	No	Cole	David R				4186 SE Filbert	Milwaukie	Oregon	97222
5S 12E 23 DD 1100	Yes					Snodgrass Mickey L et al	13051 SW Foran Hills Ct	Tigard	Oregon	97224
5S 12E 23 DD 200	Yes					Snodgrass Mickey L et al	13051 SW Foran Hills Ct	Tigard	Oregon	97224
5S 12E 23 DD 300	Yes	Woodside	Carlotta I				13051 SW Foran Hills Ct	Tigard	Oregon	97224
5S 12E 23 DD 400	Yes					Snodgrass Mickey L et al	13051 SW Foran Hills Ct	Tigard	Oregon	97224
5S 12E 23 DD 500	Yes					Snodgrass Mickey L et al	13051 SW Foran Hills Ct	Tigard	Oregon	97224
5S 12E 23 DD 600	No	Wall	Salina				4745 Lockwood St	The Dalles	Oregon	97058
5S 12E 23 DD 700	No	Blackford	Ray				8839 NW Springville Rd	Portland	Oregon	97231
5S 12E 23 DD 800	No	Mc Coy	Donna J				PO Box 133	Maupin	Oregon	97037
5S 12E 23 DD 900	No	Blackford	William				6410 SE Needham St	Portland	Oregon	97222
5S 12E 25 B 100	Yes	Brace	Paul A				2520 SEven Mile Hi Rd	The Dalles	Oregon	97058
5S 12E 25 B 200	Yes	Woodside	Carlotta I				13051 SW Foran Hills Ct	Tigard	Oregon	97224
5S 12E 30 100	No	Miller	Lawrence C	Miller	Gloria		77891 Hwy 216	Maupin	Oregon	97037
5S 12E 30 B 100	No					State Highway Commission	4040 Fairview Industrial Dr SE	Salem	Oregon	97302
5S 12E 30 B 1000	No	Ertel	Keith				5414 SE Roethe St	Milwaukie	Oregon	97267
5S 12E 30 B 1100	No	Ayers	Jack	Ayers	Patricia		77925 Hwy 216	Maupin	Oregon	97037
5S 12E 30 B 200	No	Johnson	Stephanie				10511 NE 215Th Ct	Vancouver	Washington	98682
5S 12E 30 B 300	No	Beebe	John E				77982 Hwy 216	Maupin	Oregon	97037
5S 12E 30 B 400	No	Penson	Alan R			RLT	8930 NW Cornell Rd	Portland	Oregon	97229
5S 12E 30 B 500	No	Udey	Rosalee	Udey	James C		77898 Hwy 216	Maupin	Oregon	97037
5S 12E 30 B 700	No	Miller	Lawrence C	Miller	Gloria		77891 Hwy 216	Maupin	Oregon	97037
5S 12E 30 B 800	No	Ayers	Jonathan E				12621 SE Holgate Blvd	Portland	Oregon	97236
5S 12E 30 B 900	No	Campbell	Gregory D				81025 E Wapinitia Rd	Maupin	Oregon	97037

Attachment 4
List of Owner Names and Mailing Addresses
Deschutes Solar and BESS Project

Map Tax Lot ID	Within Site Boundary	Last Name 1	First & Middle Names 1	Last Name 2	First & Middle Names 2	Company/Organization	Mailing Address	City	State	Zip Code
5S 12E 31 100	Yes	Dodge	Richard E	Dodge	Janie P		78888 Walters Rd	Maupin	Oregon	97037
5S 12E 31 200	No					Malay George W et al	78264 Walters Rd	Maupin	Oregon	97037
5S 12E 31 300	No	Wolfe	Vernon L	Wolfe	Mary Jo		78190 Walters Rd	Maupin	Oregon	97037
5S 12E 31 400	No	Miller	Richard L	Miller	Kristie L		69332 Camp Polk Rd	Sisters	Oregon	97759
5S 12E 31 500	No	Skellenger	Scott J				78060 Walters Rd	Maupin	Oregon	97037
5S 12E 31 800	No					USA in Trust for	PO Box 1329	Warm Springs	Oregon	97761
5S 13E 0 3000	No					Dulings Natural Pasture LLC	54909 Natural Pasture Rd	Maupin	Oregon	97037
5S 13E 0 4502	No	Campbell	Gregory D	Campbell	Laura C		81025 E Wapinitia Rd	Maupin	Oregon	97037
5S 13E 0 6200	No					Snodgrass Mickey L et al	13051 SW Foran Hills Ct	Tigard	Oregon	97224
5S 13E 0 6300	No	Gabel	Henry E				3300 Main St #101	Forest Grove	Oregon	97116
5S 13E 0 6400	No					Hang Belly Ranch LLC	6134 NE Alameda St	Portland	Oregon	97213
5S 13E 0 6500	Yes					Snodgrass Mickey L et al	13051 SW Foran Hills Ct	Tigard	Oregon	97224
5S 13E 0 6600	No					Nelson Dan L Trust	30737 SE Waybill Rd	Boring	Oregon	97009
5S 13E 0 6700	Yes					Snodgrass Mickey L et al	13051 SW Foran Hills Ct	Tigard	Oregon	97224
5S 13E 0 6800	No	Wisenbaker	Jamie D	Wisenbaker	Shellee		822 Alder Rd	Washougal	Washington	98671
6S 12E 0 100	No	Wisenbaker	Jamie D	Wisenbaker	Shellee		822 Alder Rd	Washougal	Washington	98671
6S 12E 0 1000	No					Oregon Department of Transportation	355 Capitol Street NE	Salem	Oregon	97301
6S 12E 0 1100	No					USA in Trust for	PO Box 1329	Warm Springs	Oregon	97761
6S 12E 0 1200	Yes	Dodge	Richard E	Dodge	Janie P		78888 Walters Rd	Maupin	Oregon	97037
6S 12E 0 1300	Yes	Dodge	Richard E	Dodge	Janie P		78888 Walters Rd	Maupin	Oregon	97037
6S 12E 0 1400	No*					Parman Trust Rlt	78902 Walters Rd	Maupin	Oregon	97037
6S 12E 0 1500	Yes	Dodge	Richard E	Dodge	Janie P		78888 Walters Rd	Maupin	Oregon	97037
6S 12E 0 1600	Yes	Dodge	Richard	Dodge	Janie		78888 Walters Rd	Maupin	Oregon	97037
6S 12E 0 1700	No					USA in Trust for	PO Box 1329	Warm Springs	Oregon	97761
6S 12E 0 1900	No					USA in Trust for	PO Box 1329	Warm Springs	Oregon	97761
6S 12E 0 200	No	Wisenbaker	Jamie D	Wisenbaker	Shellee		822 Alder Rd	Washougal	Washington	98671
6S 12E 0 2100	No					Indian Allotment	1233 Veterans Street PO Box C	Warm Springs	Oregon	97761
6S 12E 0 2200	No					Indian Allotment	1233 Veterans Street PO Box C	Warm Springs	Oregon	97761
6S 12E 0 300	No	Glass	David C				PO Box 777	Banks	Oregon	97106
6S 12E 0 600	Yes	Hein	Kenneth W				PO Box 29	Maupin	Oregon	97037
6S 12E 0 601	Yes	Yanez	Isaac A				52237 Reservation Rd	Maupin	Oregon	97037
6S 12E 0 700	No*					State Highway Commission	4040 Fairview Industrial Dr SE	Salem	Oregon	97302
6S 12E 0 900	No	Campbell	Lori				PO Box 391	Maupin	Oregon	97037

*Non-participating property within the outer limits of the site boundary ('donut hole' parcel)