United States Department of the Interior
BUREAU OF LAND MANAGEMENT

El Centro Field Office
1661 S. 4th Street
El Centro, CA 92243
www.blm.gov/ca/elcentro

February 10, 2017

In Reply Refer To:
CACA-049698/2800(P)
CA670.25

CERTIFIED MAIL NO.: 7011 1150 0000 8092 0829
RETURN RECEIPT REQUESTED

DECISION

Kristen Goland	:	Right-of-Way Grant
Tule Wind LLC	:	CACA-049698
1125 NE Couch St., Suite 700	:	
Portland, OR 97209	:	

NOTICE TO PROCEED

Tule Wind LLC is hereby authorized to proceed with the balance of construction and restoration activities for the Tule Wind Project (Project) as described below. All work shall be conducted in conformance with the Bureau of Land Management's Record of Decision, dated December 20, 2011 (DOI Control Number: FES 11-06), Environmental Impact Statement 20110347, Biological Opinion, dated September 2, 2011 (FWS-SD-10B0136-11F0229), Memorandum of Agreement, dated November 15, 2011, Right-of-Way (ROW) Grant Serial Number CACA-049698, and additional Terms and Conditions attached as Exhibit 1.

Description of Activities

Purpose and Need: The balance of construction activities being completed by Tule Wind LLC (Tule) will complete construction and restoration activities for the Project, as described in the revised Plan of Development (POD), dated November 2016.

Balance of Plan Construction Activities Overview: The following construction activities are authorized to occur under this notice to proceed (NTP):

- Foundation Drilling and Blasting
- Installation of Seal Slabs
- Installation of Turbine Foundations
- Installation of MET Towers
- Foundation Backfill and Crane Pad Installation
- Turbine Erection

- Installation of Underground Collection System
- Boring of Specific Locations for the Collection Line
- Drilling and Setting of Overhead Lines System
- Structure Erection
- Wire Pulling
- Restoration of Temporarily Impacted Areas.

Details about the construction activities covered under this NTP are provided below:

Foundation Drilling and Blasting
Foundations associated with the project will be drilled, and blasted as necessary, in accordance with the revised POD, associated construction plans and specifications, and the Tule Wind Blasting Plan (January 2017).

Installation of Seal Slabs
In accordance with construction plans and specifications, seal slabs will be poured to allow suitable level working space. The seal slabs will be approximately 2-3 inches thick and 1-foot wider than the actual base dimensions on all sites. These seal slabs are also referred to as "mud mats."

Installation of Turbine Foundations
In accordance with approved construction plans and specifications, a Rough Terrain crane and forklift will be used to unload and place the rebar in the excavated foundation, for hand placement by the subcontractor. Quality control will ensure all appropriate placement requirements and clearances are followed. Foundation footing, anchor bolts, electrical conduit placement, foundation pours, and pedestal formations will be installed.

Installation of MET Towers
Met tower foundations will be installed in accordance with approved construction plans and specifications. MET towers will then be constructed with all of the appropriate instrumentation installed on each tower.

Foundation Backfill and Crane Pad Installation
Foundation backfill, which may consist of crushed site materials, will start after foundation pour has achieved the required design strength. Crane pads will be installed after the foundation is backfilled. Backfill and crane pads will be installed in accordance with the approved construction plans and specifications.

Turbine Erection
Turbines will be constructed sequentially with base, mid, and top tower sections. The nacelles will be placed on top of the tower. Rotors will be assembled on the ground after the base and mid sections are lifted into place. The top section will then be lifted into place followed by the nacelle and the rotor.

Installation of Underground Collection System
Using a one-pass excavation system (a system that backfills trenches as cable is placed) the cable for the collection system will be placed and the trench will be backfilled and compacted. Due to the one-pass system, there are no open trenches anticipated.

Boring of Specific Locations for the Collection Line
Various locations may require boring under sensitive areas, pipelines or roadways. Any utility crossings will require notification to the local underground utility locator for appropriate marking. Borings will utilize either the Jack and Bore Method or Horizontal Directional Drilling, depending upon sub-surface conditions.

Drill and Set Overhead Lines System (Collector and Transmission)
A hole will be excavated using a drill, or by blasting, if necessary. In accordance with approved construction plans and specifications, steel reinforcement will be placed immediately after the pole hole is open. Specifications require that once the hole is open, the reinforcement steel and concrete will be placed within 24 hours. If the pole is direct buried, the pole will be set and placed within 24 hours. Poles designed to be set on caissons will be set as soon as possible after pouring concrete. The timeline will be dependent on the strength of the concrete.

Structure Erection (Collector and Transmission)
Steel overhead line structures and frame will be set. The framing will use bucket trucks if the structure attachments are not attached while the structure is on the ground.

Wire Pulling (Collector and Transmission)
The wire pulling equipment denoted in Table 1 (see below) will be set and a soft leaser to pull the hardline necessary to withstand tension will be routed. Using the hardline, conductors will be pulled and temporarily attached to the structure pulleys. Tension cables will then be attached to the permanent structure. Pulling spools will be removed as the tension wire will be set to final sag specifications.

Restore Temporarily Impacted Areas
Areas that were temporarily impacted will be restored per the approved Habitat Restoration Plan (August 2016).

Equipment and Personnel: Table 1 includes an overview of the duration of activity, crew size and equipment.

Table 1. Balance of Plant Construction Activity Details

Activity	Anticipated Start Date	Estimated Duration	Crew Size	Number of Crews	Number of Pickups	Heavy Equipment
Foundation Drill & Blast	16-Jan-17	10 Weeks	3 People	1 crew	2 pickups	(1) Rock Drill, (1) Skid Steer
Install Seal Slab	16-Jan-17	10 weeks	5 People	1 Crew	2 pickups	(1) Concrete Telebelt Truck, and Concrete Trucks to supply concrete to Foundation Sites

Table 1. Balance of Plant Construction Activity Details

Activity	Anticipated Start Date	Estimated Duration	Crew Size	Number of Crews	Number of Pickups	Heavy Equipment
Installation of Turbine Foundation - Install Rebars	17-Jan-17	10 Weeks	15 People	2 crews	3 pickups	(1) Rough Terrain Crane, (1) Forklift
Installation of Turbine Foundation - Install Anchor Bolts	17-Jan-17	10 Weeks	5 People	1 Crew	2 pickups	(1) Forklift
Installation of Turbine Foundation - Form Foundation Footing	18-Jan-17	10 Weeks	3 People	1 Crew	1 pickup	(1) Forklift
Instillation of Turbine Foundation - Foundation Conduit & Grounding	18-Jan-17	10 Weeks	5 People	1 Crew	2 pickups	(1) Forklift
Installation of Turbine Foundation - Pour Foundation Footings	20-Jan-17	10 Weeks	6 People	1 Crew	2 pickups	(1) Concrete Telebelt Truck, and Concrete Trucks to supply concrete to Foundation Sites
Installation of Turbine Foundation - Form Foundation Pedestal	23-Jan-17	10 Weeks	3 People	1 Crew	1 pickup	(1) Forklift
Installation of Turbine Foundation - Pour Foundation Pedestal	24-Jan-17	10 Weeks	4 People	1 Crew	1 pickup	(1) Concrete Telebelt Truck, and Concrete Trucks to supply concrete to Foundation Sites
Foundation Backfill and Crane Pad Installation - Crush Foundation Backfill Material	30-Jan-17	8 Weeks	4 People	1 Crews	2 pickups	(1) Excavator, (1) Loaders, (1) Crushers, (1) Dump truck
Installation of Turbine Foundation Backfill	31-Jan-17	9 Weeks	9 People	2 Crews	2 pickups	(3) D6 Dozers, (3) D8 Dozers, (3) Rollers, (4) Water Trucks

Table 1. Balance of Plant Construction Activity Details

Activity	Anticipated Start Date	Estimated Duration	Crew Size	Number of Crews	Number of Pickups	Heavy Equipment
Foundation Backfill and Crane Pad Installation - Build Crane Pad	31-Jan-17	9 Weeks	4 People	1 Crew	1 pickup	(2) D6 Dozer, (1) 14M Blade, (1) Roller
Installation of MET Towers - Foundation Installation	6-Feb-17	5 Weeks	10 People	2 Crews	2 pickups	(1) Drill, (1)Skid steer, (1)Concrete Truck
Installation of MET Towers - Tower Installation	20-Feb-17	6 Weeks	8 People	2 Crews	2 pickups	(1) Boom Truck, (1) Tele handler, (1) Skid Steer
Turbine Erection	1-May-17	16 weeks	60 People	8 Crews	16 pickups	(2)Crawler Cranes, (7) Tele handlers, (2) Skid Steers, (1) Loader, (6) Hydro Cranes, (4) 20kw generators
Drill and Set Overhead Lines Foundation Construction (collection)	15-Jan-17	12 weeks	12 people	2 crews	5 pickups	JD 410J Backhoe (1), JD 350D w/ LoDrill DH60 (1), Gradall 10k Forklift (1)
Structure Erection (collection)	15-Feb-17	8 Weeks	12 people	1 Crew	4 pickups	Bucket Truck 93' (1), Peterbuilt Crane 365 85 Ton (1), International Line Truck 7400 (1), JD 410J Backhoe (1)
Wire Pulling (collection)	1-Apr-17	8 Weeks	14 people	1 Crew	4 pickups	International 3-drum puller; TSP DP200 Puller (1), TSE Tension Trailer (1), OSHKOSH M1070 HET' Bucket Truck 93' (1), Peterbuilt Crane 365 38 ton (1)
Install Underground Collection System	1-Feb-17	12 weeks	12 people	2 crews	4 pickups	10' Rock wheel Trencher (1), JD 410J Backhoe (1), Skid Steer (2)
Drill and Set Overhead Lines - Foundation	15-Jan-17	14 weeks	12 people	2 crews	5 pickups	JD 410J Backhoe (1), JD 350D w/ LoDrill DH60 (1),

Table 1. Balance of Plant Construction Activity Details

Activity	Anticipated Start Date	Estimated Duration	Crew Size	Number of Crews	Number of Pickups	Heavy Equipment
Construction						Gradall 10k Forklift (1)
Structure Erection (transmission)	15-Feb-17	10 Weeks	12 people	1 Crew	4 pickups	Bucket Truck 93' (1), Peterbuilt Crane 365 85 Ton (1), International Line Truck 7400 (1), JD 410J Backhoe (1)
Wire Pulling (transmission)	1-Apr-17	8 Weeks	14 people	1 Crew	4 pickups	International 3-drum puller (1), TSP DP200 Puller (1), TSE Tension Trlr (1), OSHKOSH M1070 HET' Bucket Truck 93' (1), Peterbuilt Crane 365 38 ton (1)
Restore Temporarily Impacted Areas	22-May-17	16 weeks	10 People	2 crews	3 pickups	(1) D6 dozer, (1) D8 dozer, (1) 14M blade, (1) roller, (2) skid steers

Disturbance-Limit Staking: All work conducted under this NTP will be within work areas that are staked in accordance with the proposed limits of disturbance identified in the Tule Wind FEIS and in accordance with the POD. Crews will access the staked work areas using the existing access routes. The equipment listed above will be transported to the Tule Wind Project site via McCain Valley Road.

Schedule: The balance of plant construction activities are anticipated to begin in February 2017 and be completed in September 2017.

Project Site Legal Description

The public lands encumbered by this Project are identified as follows:

San Bernardino Meridian
T. 15 S., R.6 E.,
sec. 34, all;
sec. 35, all;

T. 16 S., R.6 E.,
sec. 2, lots 3 and 4, S½NW¼, SW¼;
sec. 3, all;
sec. 4, all;
sec. 9, all;
sec. 10, all;
sec. 11, S½NE¼, W½, SE¼;
sec. 12, S½N½, S½;
sec. 13;
sec. 14;
sec. 15, W½NE¼, W½, S½SE¼;

T. 16 S., R.7 E.,
sec. 17, SW¼, SW¼SE¼;
sec. 18, lots 2 to 4, E½NE¼, SW¼NE¼, SE¼NW¼, E½SW¼, SE¼;
sec. 19, lots 1, 2 and 4, NE¼NE¼, W½E½, E½W½;
sec. 20, E½, E½NW¼, NW¼NW¼, SE¼SW¼;
sec. 21, SW¼SW¼;
sec. 28, W½SW¼,W½NW¼;
sec. 29, E½, E½NW¼, SW¼NW¼, NE¼SW¼;
sec. 30, lot 1, E½NW¼, NW¼NE¼;
sec. 32, E½, E½W½;
sec. 33, W½;

T. 17 S., R.7 E.,
sec. 3, lot 4, SW¼NW¼, W½SW¼;
sec. 4, lots 1, 2, 5 and 6, SW¼NE¼, S½NW¼, SW¼, W½SE¼;
sec. 5, lots 5, 6 and 7, S½NE¼, S½NW¼, E½SW¼, SE¼;
sec. 8, E½NW¼, SW¼SE¼;
sec. 9, lots 4 to 6;
sec. 10, W½W½;
sec. 15, NE¼, E½NW¼, NW¼NW¼;
sec. 17, NW¼NE¼;
sec. 21, NE¼, NE¼NW¼.

The Project site totals approximately 12,239 acres of public land.

A copy of this NTP, Terms and Conditions and ROW Grant CACA-049698 shall be made available in the field during the Project. Any questions should be directed to Carrie Sahagun, BLM Assistant Field Manager for Resources and Planning at (760) 337-4437 or via email at csahagun@blm.gov; or to Miriam Liberatore, BLM Project Manager at (541) 618-2412 or via email at mliberat@blm.gov.

Sincerely,

Thomas F. Zale
Field Manager

Enclosure:
NTP Form 2800-15 with Exhibit 1, Terms and Conditions

cc:
Miriam Liberatore & Carrie Sahagun, BLM
Harley McDonald & Kristen Goland, Tule Wind LLC
David Hochart & Keith Carwana, DUDEK

Form 2800-15
(November 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RIGHT-OF-WAY NOTICE TO PROCEED

Right-of-Way or Temporary Use Permit (TUP) Serial Number	
CACA-049698	
Date: 02/10/2017	Issuing Office: El Centro Field Office
Right-of-Way or TUP name: Tule Wind Project	

Certified/Registered Mail-Return Receipt Requested

INSTRUCTIONS — Use Certified or Registered Mail or hand deliver. Send or give original to Holder. Distribute other copies as indicated after receipt date.

Holder: Tule Wind LLC, 1125 NW Couch Street, Portland, OR 97219

In accordance with the terms and conditions of the above referenced right-of-way grant or TUP you are hereby authorized to proceed with the activities noted below in the locations specified. Map(s) are attached. ☐ Yes ☑ No

Activity	Location
The holder is authorized to begin the balance of construction and restoration activities as identified in NTP Request dated January 3, 2017 in accordance with Exhibit 1 - Terms and Conditions (attached)	Please see cover letter for the Project Legal Description.

Authorized officer is:

Thomas F. Zale
(Name)

Field Manager, El Centro Field Office
(Title)

Onsite inspection and compliance of the Right-of-Way or TUP stipulations will be conducted by the authorized officer's representative.

Carrie Sahagun
(Name of Authorized Officer's Representative)

El Centro Field Office, 1661 S 4th, Street, El Centro, CA 92243
(Office, Street Address, City, State, Zip)

(760) 337-4400
(Office Phone Number)

(Cell Phone Number)

Thomas F. Zale
(Authorized Officer's or Representative's Signature)

2/10/2017
(Date)

Holders Acknowledgement when notice is delivered in person.

(Signature of Recipient)

(Firm Name)

(Name of Recipient)

(Date)

☐ HOLDER ☐ CASE FILE

Exhibit 1 – Terms and Conditions - NTP (February 10, 2017) – Balance of Construction and Restoration Activities

Tule Wind Project CACA-049698

General Conditions:

- The Holder shall comply with all requirements included in the BLM-approved preconstruction plans, the stipulations included in right-of-way (ROW) grant CACA-049698, and in accordance with applicable federal, state and local laws and regulations, applicable to the construction phase for the Tule Wind Project.

- Any deviations to previously approved mitigation measures, construction procedures and construction work areas will be handled in the form of variance requests to be submitted by the Holder and reviewed and approved or denied by the BLM in accordance with Section 6 "Deviations (Variances) and Amendments" of the Environmental Compliance Monitoring Plan (ECMP). Variance requests currently under review by the BLM including variance request 003 submitted to the BLM on December 20, 2016 and variance request 004 submitted to the BLM on January 9, 2017 are not approved under this NTP.

- The following plans are not required to be approved as a condition of this NTP but will be completed prior to the operations phase:
    - Access Control Plan (CUL-1F)
    - Decommissioning Plan (FF-7)
    - Long-term Management Plan (LTMP)(CUL-1B)
    - Lighting Mitigation Plan (VIS-4A).

All other terms and conditions associated with the ROW grant, Record of Decision, Final Environmental Impact Statement, and other governing documents associated with project will apply.

Prior to activities being performed associated with this NTP, the Holder will post a restoration bond with the BLM in the amount of $6,438,000.00. Once received by the BLM, the previous bond of $5,185,000.00 will be returned to Tule Wind LLC.