

2016 QUARTERLY COMPLIANCE REPORT
Quarter No. 4
October 2016 - December 2016
Tule Wind Energy Project

Prepared for:

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Bureau of Land Management
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2016 Quarterly Compliance Report (Q4) for the Tule Wind Energy Project

TABLE OF CONTENTS

<u>Section</u>	<u>Page No.</u>
1 INTRODUCTION.....	1
2 NOTICE TO PROCEED	3
3 CONSTRUCTION OVERVIEW	5
4 MITIGATION MONITORING	7
5 PROJECT INCIDENTS AND CORRECTIVE ACTIONS.....	11
6 VARIANCE REQUESTS.....	13

APPENDIX

A	BLM Authorized Officer Weekly Reports
	October 2016
	November 2016
	December 2016

TABLES

1	Notice to Proceed.....	3
2	Problem Areas and Corrective Actions for Q4 2016	11
3	Variance Requests.....	13

2016 Quarterly Compliance Report (Q4) for the Tule Wind Energy Project

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2016 Quarterly Compliance Report (Q4) for the Tule Wind Energy Project

1 INTRODUCTION

The following Quarterly Construction Status and Compliance Report (Report) provides a summary of construction activities and compliance monitoring during the period of October 24, 2016 (beginning of construction activities) through December 31, 2016 for the Tule Wind Energy Project (Tule Wind). The Report is being provided in accordance with Section 5.3 of the Tule Wind Environmental Compliance Monitoring Plan (ECMP).

The Bureau of Land Management (BLM) is responsible for overseeing implementation of the mitigation measures (MM) set forth in the *Joint Final Environmental Impact Report/Environmental Impact Statement (FEIR/FEIS)* for the Tule Wind Energy Project. A Federal Right-of-Way (ROW) grant (CACA-049698) for the Tule Wind Energy Project was granted by the BLM to Tule Wind LLC, a subsidiary of Avangrid Renewables, Inc. on April 10, 2010.

The BLM has established a third-party monitoring program and adopted an ECMP to ensure that measures approved in the FEIR/FEIS to mitigate or avoid significant impacts are implemented in the field. This ECMP quarterly report provides a description of construction activities; a summary of site inspections conducted by the BLM's third-party environmental compliance monitors (ECMs); the compliance status of mitigation measures required by the ECMP, Limited Notice to Proceed (LNTP) -2, and Notice to Proceed (NTP) 3 and 4.

The following quarterly report covers construction activities for the reporting period of October 24, 2016 through December 31, 2016. For more details about the specific construction activities that occurred during the reporting period, please see Appendix A, BLM Authorized Officer Weekly Report.

**2016 Quarterly Compliance Report (Q4)
for the Tule Wind Energy Project**

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2016 Quarterly Compliance Report (Q4) for the Tule Wind Energy Project

2 NOTICE TO PROCEED

Table 1, Notice to Proceed includes a summary of the construction activities the BLM has authorized Tule Wind LLC to perform along with the date authorization was provided.

Table 1
Notice to Proceed

NTP No.	Date Issued	Project Component	Conditions Included (Y/N)
1	9.17.12	Geotechnical Activities per MM-Geo-3 - turbine borings - met tower borings - soil test pit exactions - visual examination - completion of Multichannel Analysis of Surface Waves (MASW) and seismic refraction testing at up to 15 percent of the turbine locations - thermal resistivity sample collection at approximately six locations - electrical resistivity testing at approximately six locations	Yes
2	10.12.16	Preconstruction activities as follows - disturbance limit staking and limited vegetation clearing - staking of ESAs - removal of weeds in accordance with the HRP - cacti salvage - pickup truck and ATV use of BLM access routes authorized under the Eastern San Diego County Resource Management Plan (2008)	Yes
3	11.18.16	Clearing and grading activities as follows - vegetation clearing (site clearing and grubbing) - grading work and blasting (as-needed) associated with the access road - equipment staging and laydown yard/staging areas - foundation excavation and blasting (as-needed)	Yes
4	11.18.16	Construction activities for four 10,000-gallon fire tanks including - site surveying - vegetation clearing and grading - footing excavation - turnout construction - forming the tanks - installation of reinforced steel - pouring footing, slab, and walls - backfill and final grading	Yes

2016 Quarterly Compliance Report (Q4) for the Tule Wind Energy Project

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2016 Quarterly Compliance Report (Q4) for the Tule Wind Energy Project

3 CONSTRUCTION OVERVIEW

LNTP-2

On October 12, 2016, the BLM issued LNTP-2 to Tule Wind LLC authorizing limited preconstruction activities within the Tule Wind Energy Project site. Preconstruction activities authorized under the LNTP-2 include disturbance limit staking, limited vegetation clearing associated with line of sight staking, staking of Environmentally Sensitive Areas (ESA), weed removal, cacti salvage, and truck and ATV use of BLM access routes.

During this reporting period, biological monitors and habitat restoration specialists supervised cacti salvage activities including the removal of cacti from temporary disturbance areas and transporting cacti and staging them within the temporary impact laydown yard near proposed turbine E2 in accordance with Section 5.2.2.1 of the Habitat Restoration Plan (HRP). Cacti salvage activities concluded on November 30, 2016. The cacti were stored on-site within staked and flagged ESAs.

In addition, ESAs were delineated and signs were installed at the intersection of jurisdictional drainages (JD) and the boundary of temporary disturbance limits, along with previously identified cultural resources.

Color coded staking was installed to delineate the limits of disturbance, access road centerlines, and turbine pad sites.

NTPs- 3 and 4

On November 18, 2016 the BLM issued NTPs 3 and 4 to Tule Wind LLC authorizing construction activities including:

- NTP-3: Four 10,000-gallon, concrete, open-topped water tanks in accordance with MM-FF-1 and ROW grant stipulation 106.
- NTP-4: Clearing and grading, vegetation clearing, grading work and blasting associated with the access roads, construction of equipment staging and laydown yard areas, and foundation excavation and blasting.

Construction activities associated with NTPs 3 and 4 began during the week of December 5, 2016 and included clearing portions of the access road leading to the 80-acre parcel located on lands administered by the County of San Diego and clearing and grading the sites where the four 10,000 gallon fire tanks will be located. Clearing and grading activities on lands administered by the BLM were authorized to proceed on December 12, 2016 when four 10,000-gallon temporary water tanks

2016 Quarterly Compliance Report (Q4) for the Tule Wind Energy Project

were installed along McCain Valley Road in accordance with Fire Prevention/Protection Plan and NTP-3. The temporary tanks are anticipated to be replaced with permanent concrete tanks once the on-site concrete batch plant has been constructed and is operational.

In addition, the temporary meteorological (met) towers were decommissioned and removed from the project site during this reporting period in accordance with the Meteorological Tower Decommissioning Plan. The met towers were initially installed under a ROW Grant issued by the BLM on September 15, 2004 (CACA-45248).

On December 20, 2016 the temporary water tanks were drained and temporary fencing was installed at the entrances of construction roads to prepare for the suspension of construction activities during the holiday break between December 20 and January 3, 2017. Minimal construction activities occurred during this period including maintenance and repair of erosion and sediment control devices.

2016 Quarterly Compliance Report (Q4) for the Tule Wind Energy Project

4 MITIGATION MONITORING

A summary of the mitigation measures implemented in association with LTNP-2 and NTPs 3 and 4 are summarized below along with minor issues that were identified and addressed by Tule Wind LLC.

Biological Resource Monitoring (MM-BIO-1C)

Tule Wind LLC has contracted with a biological consulting firm, ICF, approved by the BLM to complete day-to-day biological and habitat restoration monitoring in accordance with the ECMP and MM-BIO-1C.

Biological and habitat restoration monitors were on-site during this reporting period during brush removal, topsoil salvage, cacti salvage, and initial excavations. Biological and habitat restoration monitors inspected initial removal of soil and areas of excavation for signs of potential biological resources. Biological monitors conducted daily biological sweeps and roving monitoring prior to construction activities proceeding.

Archaeological Resource Monitoring (MM-CUL-1D)

Tule Wind LLC has contracted with an archaeological consulting firm, ASM, approved by the BLM to complete day-to-day monitoring of the construction activities in accordance with the ECMP, the Management Plan for Archaeological Resources, the Memorandum of Agreement, and the Tribal Participation Plan for the Tule Wind Project. Archaeological monitors along with Native American monitors staked ESA and installed ESA signage and were present to monitor ground disturbing activities associated with cacti salvage.

Archaeological and Native American monitors were present during this reporting period during all ground disturbing activities. In addition, archaeological and Native American monitors checked cultural ESAs on at least a weekly basis to ensure that the ESAs were maintained in good condition.

Dust Control Plan Implementation (MM-AQ-1)

ECMs observed dust control best management practices being implemented including limited vehicle idling times to a maximum of five minutes, maintaining traffic speeds at or below the 15 mile per hour speed limit, and applying water to active areas of construction at least three times per day in accordance with ROW Grant Stipulation 9 and the Dust Control Plan (prepared in accordance with MM-AQ-1).

2016 Quarterly Compliance Report (Q4) for the Tule Wind Energy Project

On Friday, December 16 and Tuesday, December 27, 2016, the BLM's third-party ECM notified Tule Wind LLC of the sediment track-out at the paved portion of McCain Valley Road. Tule Wind LLC was already aware of the issue and has since been working with the BLM and San Diego County to determine and implement an appropriate solution. Tule Wind LLC agreed to use a street sweeper/vacuum to cleanup track-out on the paved portion of McCain Valley Road at least once per week starting the week of January 2, 2017, in accordance with Section 7.6 of the SWPPP. In addition, Tule Wind LLC is looking to stabilize the entrance/exit with gravel to prevent track-out, while not impeding or restricting the public's use of the area.

Fire Prevention/Protection Plan Implementation (MM-FF-1; MM-BIO-1f)

ECMs observed required fire equipment and best management practices on the project site during preconstruction activities, including vehicles with required fire suppression equipment including 3A, 40BC fire extinguishers, 5-gallon backpack pumps, and shovels, and vehicles parked in areas with no vegetation. Fire patrols occurred on a regular basis one hour after the end of daily construction.

Hazardous Materials Management Plan; Waste Management Plan; and Spill Prevention, Control, and Countermeasure Plan Implementation (MM-HAZ-1a; MM-HAZ-1c; MM-HAZ-5a)

During the week of November 14, 2016, two portable sanitation facilities were discovered overturned and their contents spilled. ECMs confirmed that the spill was contained and the affected soil removed following the procedures outlined in the Spill Prevention, Control, and Countermeasure Plan (SPCC) and the Hazardous Materials Management Plan (HMMP). It was unknown whether the portable sanitation facilities were overturned as a result of construction or public activities. As a result, Tule Wind LLC began to tie down portable sanitation facilities.

On Tuesday, December 27, 2016 a portable sanitation facility, which was previously secured using a tie-down strap, was discovered overturned, with the strap missing on McCain Valley Road near the B String. ECMs observed no fluid discharge from the overturned facility and determined that no cleanup was required. The facility was turned upright and secured with rope to prevent the potential for leaks or spills in accordance with ROW Grant Stipulation 78 and the Hazardous Materials Management Plan.

Stormwater Pollution Prevention Plan (SWPPP) (MM-HYD-1)

Erosion and sediment control devices including straw wattles and silt fencing were observed to be properly installed by ECMs. Erosion and sediment control devices were continually installed during this reporting period per the specifications included in the grading plans and in accordance with the SWPPP.

2016 Quarterly Compliance Report (Q4) for the Tule Wind Energy Project

On Wednesday, December 21, 2016 during a rain event, a straw wattle (erosion control device) along McCain Valley Road was not effective, resulting in stormwater and sediment flowing through an ESA. The ESA was evaluated by resource specialists and BLM's third-party monitor. Both the resource specialists and the third-party monitor concluded that the resources were not impacted from the incident. Additional erosion and sediment control devices will be installed to prevent project runoff in accordance with MM HYD-1.

2016 Quarterly Compliance Report (Q4) for the Tule Wind Energy Project

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2016 Quarterly Compliance Report (Q4) for the Tule Wind Energy Project

5 PROJECT INCIDENTS AND CORRECTIVE ACTIONS

In accordance with Section 5.2 of the ECMP, compliance levels are assigned to each separate activity monitored. The compliance levels include acceptable, problem area, noncompliance, and serious violation. During this reporting period, two problem areas were identified. Please note that these problem areas are in addition to the issues discussed in Section 4, above. Due to the minimal potential for negative impacts to environmental resources as a result of the issues discussed in Section 4, these issues were recorded and tracked until adequately addressed under an acceptable compliance level in the daily and weekly compliance reports. Each of the problem areas and corrective actions are summarized in Table 2.

Table 2
Problem Areas and Corrective Actions for Q4 2016

Incident Number	Date of Incident	Description of Incident	Description of Corrective Action
<i>October 2016</i>			
There were no problem areas, noncompliance, or serious violations that occurred in October 2016.			
<i>November 2016</i>			
There were no problem areas, noncompliance, or serious violations that occurred in November 2016.			
<i>December 2016</i>			
01	12.08.16	At approximately 1:30 pm, on 12.08.16 a biological monitor notified BLM's third-party ECM of a potential problem area. BLM's third-party ECM evaluated the problem area and observed a boulder that was pushed past the staked disturbance limits on the west side of the access road that leads to the 80-acre parcel, on lands administered by the BLM. The boulder was pushed approximately 15 feet past the staked limits of disturbance causing approximately 150 square feet of disturbance. BLM's third-party ECM and archaeological monitor inspected the area of disturbance and found no impacts to sensitive biological or cultural resources. In accordance with Section 5.2 of the ECMP, this event is being classified as a "Problem Area" or "an activity that the compliance monitors determine is unintentional and an isolated departure from the project specifications, with no damage to resources".	Tule Wind LLC, the construction contractor, and ICF's restoration specialist restored the area of disturbance and notified construction personnel that construction activities must remain within the approved limits of disturbance. The Clearing and Grading Superintendent was assigned to regularly check in with the construction team to discuss areas which are problematic for large boulders.

2016 Quarterly Compliance Report (Q4) for the Tule Wind Energy Project

Table 2
Problem Areas and Corrective Actions for Q4 2016

Incident Number	Date of Incident	Description of Incident	Description of Corrective Action
02	12.16.17	At approximately 8:25 am, on Friday, December 16, 2016 the BLM's third-party ECM observed a bulldozer with a blade attachment working on the road between structures G6 and G7 without biological or cultural monitors present. The ECM contacted the operator to ask if there were cultural or biological monitors present. The operator responded that he was touching up an existing, previously disturbed roadway and did not think that monitors were required. The ECM asked the operator to stop all activities until the appropriate monitors could mobilize to the site of disturbance. The operator complied with the ECM's request. The ECM estimated that the bulldozer operated for approximately five minutes without monitors present. The ECM along with the third-party archaeological monitor inspected the area and found no impacts to sensitive biological or cultural resources. As the operator mentioned, the area where ground disturbing activities were occurring was previously disturbed and unbeknownst to the ECM, previously surveyed by a biological monitor. However, it is unknown whether or not the blade exceeded the depth that was previously disturbed.	As a result of this problem area, Tule Wind LLC and the BLM drafted additional language to help clarify MM-CUL-1D and MM-BIO-1C. In particular, when biological and cultural monitors are anticipated to be on-site and what activities require biological and/or cultural monitoring. The updated monitoring protocols were adopted by the BLM and Tule Wind LLC on December 29, 2016.

2016 Quarterly Compliance Report (Q4) for the Tule Wind Energy Project

6 VARIANCE REQUESTS

In accordance with Section 6, Deviations (Variances) and Amendments of the ECMP, during construction, unforeseen or unavoidable site conditions could result in the need for changes from the approved mitigation measures and construction procedures. In addition, the need for extra workspace, or changes to previously approved construction work areas may arise. During this reporting period one variance request was submitted and was being reviewed by the BLM. Please note that two variance requests were previously submitted and approved by the BLM in 2012 and 2013 as part of the geotechnical work activities. Each of the variance requests are summarized in Table 3, Variance Requests.

Table 3
Variance Requests

Variance Request No.	Submitted	Description	Status	Status
1	10.26.12	Use of one Type II Water Tender and one Type III Engine in-lieu of a Type VI Skid Mount pump unit.	Approved	11.2.12
2	5.16.13	Use of additional existing roads, use of a track-mounted excavator, ability to shift small to medium sized boulders and use of a chain-saw or similar type of equipment to rim vegetation.	Approved	5.20.13
3	12.20.16	Realignment of access roads along the A-string, F-string, and G-string to minimize disturbance to previously undisturbed areas, to avoid impacts to sensitive environmental resources, and to accommodate construction and engineering design.	Pending	Under BLM Review

2016 Quarterly Compliance Report (Q4) for the Tule Wind Energy Project

Representative Photos



Photo 1: Salvaged cacti are staged within a laydown yard near turbine E2 in accordance with Section 5.2.2.1 of the Habitat Restoration Plan (MM-BIO-1D).



Photo 2: ESA signs are installed at the intersection of a Jurisdictional Drainage and the temporary disturbance boundary in accordance with MM-BIO-2A.



Photo 3: Spill kits were used to clean up the spill from overturned portable sanitation facilities in accordance with the SPCC and HMMP.



Photo 4: Westwood survey crews staking limits of disturbance along McCain Valley Road in accordance with MM BIO-1A.

2016 Quarterly Compliance Report (Q4) for the Tule Wind Energy Project



Photo 5: Portable restroom facilities are staked to the ground surface with containment in place to prevent the potential for leaks or spills in accordance with ROW Grant Stipulation 78 and the HMMP.



Photo 6: Temporary met towers were decommissioned and removed in accordance with the Met Tower Decommissioning Plan.



Photo 7: A boulder was pushed approximately 15 feet outside of the limits of disturbance. This event is being classified as a “Problem Area” in accordance with Section 5.2 of the ECMP .



Photo 8: Temporary 10,000-gallon water tanks installed with proper erosion and sediment control devices in accordance with the Fire Prevention/Protection Plan, NTP-3, and the SWPPP.

2016 Quarterly Compliance Report (Q4) for the Tule Wind Energy Project

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APPENDIX A

BLM Authorized Officer Weekly Reports

October 2016



BLM Authorized Officer Weekly Report

El Centro Field Office
1661 S. 4th Street
El Centro, California 92243
Website: www.tulewindECCMP.com

Project: Tule Wind Energy Project

Weekly Project Update

Prepared By: David Hochart, DUDEK, 605 Third Street, Encinitas, CA 92024

Reporting Period: 10.24.16 through 10.30.16

Summary

The Bureau of Land Management (BLM) is responsible for overseeing implementation of the mitigation measures (MM) set forth in the *Joint Final Environmental Impact Report/Environmental Impact Statement (FEIR/FEIS)* for the Tule Wind Energy Project. A federal Right-of-Way (ROW) grant (CACA-049698) for the Tule Wind Energy Project was granted by the BLM to Tule Wind, LLC, a subsidiary of Avangrid Renewables, Inc. on April 10, 2010.

The BLM has established a third-party monitoring program and adopted an Environmental and Construction Compliance Monitoring Plan (ECCMP) to ensure that measures approved in the FEIR/FEIS to mitigate or avoid significant impacts are implemented in the field. This ECCMP status report is intended to provide a description of construction activities, a summary of site inspections conducted by the BLM's third-party environmental compliance monitors (ECMs), the compliance status of mitigation measures required by the ECCMP, and anticipated construction activities for the following week.

On October 12, 2016, the BLM issued a Limited Notice to Proceed (LNTTP)-2 to Tule Wind, LLC authorizing limited preconstruction activities within the Tule Wind Energy Project site. The preconstruction activities are being completed to prepare the project site for construction activities as described in the revised Plan of Development (POD), dated April 22, 2016. All preconstruction activities are required to occur within the limits of disturbance identified in the Tule Wind FEIS and in accordance with the POD. Preconstruction activities authorized under the LNTTP-2 include disturbance limit staking, limited vegetation clearing associated with line of sight staking, staking of Environmentally Sensitive Areas, weed removal, cacti salvage, and truck and ATV use of BLM access routes. Detailed definitions of these activities can be found on the Tule Wind ECCMP website under the Notice to Proceed section¹.

This status report is intended to provide a summary of site inspections conducted by the BLM's third party environmental compliance monitors (ECMs), and the compliance status of mitigation measures required per LNTTP-2 for these activities for the reporting period of 10.24.16 through 10.30.16.

¹ [http://tulewindeccmp.com/CACA_49698_Tule_LNTP%2010.12.16%20\[FINAL\].pdf](http://tulewindeccmp.com/CACA_49698_Tule_LNTP%2010.12.16%20[FINAL].pdf)

Site Inspections, Mitigation Monitoring, and Compliance

Preconstruction activities were observed to verify implementation of the measures stipulated in the project's ECCMP and conditions included in LNTP-2 as they pertain to current activities. Daily observations were documented on daily site inspection forms and applicable mitigation measures were reviewed. All vehicles were observed using existing BLM access roads and crews walked to work sites from the existing access roads. The following compliance activities were observed by third party ECMs on site during preconstruction activities:

Archaeological Resources

Tule Wind, LLC has contracted with an archeological consulting firm, ASM, approved by the BLM to complete day-to-day monitoring of the construction activities in accordance with the ECCMP, the Management Plan for Archaeological Resources, the Memorandum of Agreement, and the Tribal Participation Plan for the Tule Project. ECMs observed cultural resource monitors staking ESAs. ESA signage was being staked at the outer edge of the work limits in areas where cultural sites are within 100 feet, satisfying and often exceeding the recommended 50-foot buffer in most areas.

Biological Resources

Tule Wind, LLC has contracted with a consulting firm, ICF, approved by the BLM to complete day-to-day biological monitoring of the construction activities in accordance with the ECCMP and MM Bio-1c. In conformance with conditions outlined in LNTP-2, biologists' resumes were submitted and approved by the BLM prior to initial preconstruction activities in October 2016.

Cacti Salvage

ACS crews (subcontractor to ICF) were observed using hand tools to remove cacti on the access road from McCain Valley Road to Structure G5 under the supervision of a Biological Monitor/Habitat Restoration Specialist. The work area was accessed on foot and the edges of the temporary disturbance areas were marked to sub-meter accuracy with pin flags. Cacti were removed from the entire width of the temporary disturbance area along the road and transported and staged within the temporary impact laydown yard near Structure E2 where they will eventually be planted in accordance with Section 5.2.2.1 of the Habitat Restoration Plan.

Buffers

All cacti salvage activities were observed within the temporary disturbance work limits.

ESA Staking

Biological Monitors installed ESA signs at the intersection of each Jurisdictional Drainage (JD) and the boundary of the temporary disturbance limits. The JDs are mapped as having a total width of about 2 feet. One sign was staked at the center of each intersection per concurrence with the BLM

Survey Staking

ECMs observed Westwood survey crews staking road center lines and installing t-posts at turbine locations along the D, G, and E Strings. Flagging was installed in accordance with Avangrid's flagging color scheme to assist with delineating and defining the various colors of flagging to be used on-site.

Dust Control Plan Implementation (MM-AQ-1)

ECMs observed appropriate dust control measures being implemented.

Fire Prevention/Protection Plan (MM-FF-1; MMBio-1f)

During all construction activities, Tule Wind, LLC is required to adhere to the guidelines and commitments within the Construction Fire Prevention/Protection Plan (as applicable to preconstruction activities) and LNTP-2 conditions.

ECMs observed required fire equipment and best management practices on the project site during preconstruction activities, including vehicles with required fire suppression equipment, motors shut off prior to and during fueling, and vehicles parked in areas with no vegetation. ECMs ensured crews were made aware of the requirements for having 3A, 40BC fire extinguishers, 5- gallon backpack pumps, and shovels.

Preconstruction Activities Schedule:

- Staking access roads and turbines,
- Cacti salvage, and
- Biological and Cultural ESA staking.

Potential Delays to the Online Date of the Project

- Tule Wind, LLC has submitted a request for Notice to Proceed (NTP) for clearing, grading, excavation, and staging. The NTP request is under review by the BLM.

Notice to Proceed

NTP No.	Date Issued	Project Component	Conditions Included (Y/N)
1	9.17.12	Geotechnical Activities per MM-Geo-3 • turbine borings • met tower borings • soil test pit exactions • visual examination • completion of Multichannel Analysis of Surface Waves (MASW) and seismic refraction testing at up to 15 percent of the turbine locations • thermal resistivity sample collection at approximately six locations • electrical resistivity testing at approximately six locations	Yes
2	10.12.16	Preconstruction activities as follows • disturbance limit staking and limited vegetation clearing • staking of ESAs • removal of weeds in accordance with the HRP • cacti salvage • pickup truck and ATV use of BLM access routes authorized under the Eastern San Diego County Resource Management Plan (2008)	Yes

Variance Requests

Variance Request No.	Submitted	Description	Status	Approval Date
1	10.26.12	Use of one Type II Water Tender and one Type III Engine in-lieu of a Type VI Skid Mount pump unit	Approved	11.2.12
2	5.16.13	Use of additional existing roads, use of a track-mounted excavator, ability to shift small to medium sized boulders and use of a chain-saw or similar type equipment to trim vegetation	Approved	5.20.13

Representative Photos



Photo 1: Crews using hand tools to salvage cacti on the access road from McCain Valley Road to turbine G5 in accordance with LNTP-2 authorized activities and the Habitat Restoration Plan (MM-BIO-1D).



Photo 2: Salvaged cacti was observed being staged within a temporary impact laydown yard near turbine E2 in accordance with Section 5.2.2.1 of the Habitat Restoration Plan (MM-BIO-1D).



Photo 3: ESA signs being placed along the work limits prior to ground disturbance in accordance with the project requirements.



Photo 4: ESA sign installed at the intersection of a Jurisdictional Drainage and the temporary disturbance boundary in accordance with MM-BIO-2A.

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November 2016



BLM Authorized Officer Weekly Report

El Centro Field Office
1661 S. 4th Street
El Centro, California 92243
Website: www.tulewindECCMP.com

Project: Tule Wind Energy Project

Weekly Project Update

Prepared By: David Hochart, DUDEK, 605 Third Street, Encinitas, CA 92024

Reporting Period: 10.31.16 through 11.6.16

Summary

The Bureau of Land Management (BLM) is responsible for overseeing implementation of the mitigation measures (MM) set forth in the *Joint Final Environmental Impact Report/Environmental Impact Statement (FEIR/FEIS)* for the Tule Wind Energy Project. A federal Right-of-Way (ROW) grant (CACA-049698) for the Tule Wind Energy Project was granted by the BLM to Tule Wind, LLC, a subsidiary of Avangrid Renewables, Inc. on April 10, 2010.

On October 12, 2016, the BLM issued a Limited Notice to Proceed (LNTP)-2 to Tule Wind, LLC authorizing limited preconstruction activities within the Tule Wind Energy Project site. The preconstruction activities are being completed to prepare the project site for construction activities as described in the revised Plan of Development (POD), dated April 22, 2016. Preconstruction activities authorized under the LNTP-2 include disturbance limit staking, limited vegetation clearing associated with line of sight staking, staking of Environmentally Sensitive Areas, weed removal, cacti salvage, and truck and ATV use of BLM access routes. Detailed definitions of these activities can be found on the Tule Wind ECCMP website under the Notice to Proceed section¹.

The BLM has established a third-party monitoring program and adopted an Environmental and Construction Compliance Monitoring Plan (ECCMP) to ensure that measures approved in the FEIR/FEIS to mitigate or avoid significant impacts are implemented in the field. This ECCMP status report is intended to provide a description of construction activities, a summary of site inspections conducted by the BLM's third-party environmental compliance monitors (ECMs), the compliance status of mitigation measures required by the ECCMP and LNTP-2, and anticipated construction activities for the following week. The following weekly report covers construction activities for the reporting period of 10.31.16 through 11.6.16.

Site Inspections, Mitigation Monitoring, and Compliance

Preconstruction activities were observed to verify implementation of the measures stipulated in the project's ECCMP and conditions included in LNTP-2 as they pertain to current activities. No issues or concerns about compliance with the mitigation measures were reported by ECMs. Daily observations were documented on daily site inspection forms and applicable mitigation

¹ [http://tulewindeccmp.com/CACA_49698_Tule_LNTP%2010.12.16%20\[FINAL\].pdf](http://tulewindeccmp.com/CACA_49698_Tule_LNTP%2010.12.16%20[FINAL].pdf)

measures were reviewed. The following compliance activities were observed by third party ECMs on site during preconstruction activities:

Archaeological Resources

ECMs verified that ESA buffers are in place for a total of 28 cultural resource sites in accordance with MM CUL-1a. The ESAs will be maintained by the archaeological consulting firm, ASM to ensure the continual protection of environmental resources.

Biological Resources

Tule Wind, LLC has contracted with a consulting firm, ICF, to complete day-to-day biological monitoring of the construction activities in accordance with the ECCMP and MM Bio-1c. In conformance with conditions outlined in LNTP-2, biologists' resumes were submitted and approved by the BLM prior to initial preconstruction activities in October 2016.

Cacti Salvage

Crews were observed using hand tools (loppers) to remove cacti on the access road from McCain Valley Road to Structure G5 under the supervision of a Biological Monitor/Habitat Restoration Specialist in accordance with MM Bio-1c. Cacti were transported and staged within the temporary impact laydown yard near Structure E2 where they will eventually be planted in accordance with Section 5.2.2.1 of the Habitat Restoration Plan.

Buffers

All cacti salvage activities were observed within the temporary disturbance work limits in accordance with MM Bio-1a.

ESA Staking

ECMs verified that ESA buffers are in place for a total of 6 sensitive plant communities and 75 jurisdictional water features in accordance with MM Bio-5a and MM Bio-2a.

Survey Staking

ECMs observed survey crews staking road center lines, installing t-posts at turbine locations along the A, B, C, and J Strings, and setting a survey control point east of Structure G4 to ensure the limits of work areas are delineated in the field according to the design plans and MM Bio-1a. Flagging was installed to assist with delineating and defining the work limits.

Dust Control Plan Implementation (MM-AQ-1)

ECMs observed appropriate dust control measures being implemented.

Fire Prevention/Protection Plan (MM-FF-1; MMBio-1f)

During all construction activities, Tule Wind, LLC is required to adhere to the guidelines and commitments within the Construction Fire Prevention/Protection Plan (as applicable to preconstruction activities) and LNTP-2 conditions.

ECMs observed required fire equipment and best management practices on the project site during preconstruction activities, including vehicles with required fire suppression equipment and vehicles parked in areas with no vegetation. ECMs ensured crews were made aware of the requirements for having 3A, 40BC fire extinguishers, 5- gallon backpack pumps, and shovels.

Preconstruction Activities Schedule:

- Staking road grading limits from Ribbonwood to McCain Valley Road and along the G Line,
- Cacti salvage between G7 and G12, and
- Cultural and Biological ESA staking.

Potential Delays to the Online Date of the Project

- Tule Wind, LLC has submitted a request for Notice to Proceed (NTP) for clearing, grading, excavation, and staging. The NTP request is under review by the BLM.

Notice to Proceed

NTP No.	Date Issued	Project Component	Conditions Included (Y/N)
1	9.17.12	Geotechnical Activities per MM-Geo-3 • turbine borings • met tower borings • soil test pit exactions • visual examination • completion of Multichannel Analysis of Surface Waves (MASW) and seismic refraction testing at up to 15 percent of the turbine locations • thermal resistivity sample collection at approximately six locations • electrical resistivity testing at approximately six locations	Yes
2	10.12.16	Preconstruction activities as follows • disturbance limit staking and limited vegetation clearing • staking of ESAs • removal of weeds in accordance with the HRP • cacti salvage • pickup truck and ATV use of BLM access routes authorized under the Eastern San Diego County Resource Management Plan (2008)	Yes

Variance Requests

Variance Request No.	Submitted	Description	Status	Approval Date
1	10.26.12	Use of one Type II Water Tender and one Type III Engine in-lieu of a Type VI Skid Mount pump unit	Approved	11.2.12
2	5.16.13	Use of additional existing roads, use of a track-mounted excavator, ability to shift small to medium sized boulders and use of a chain-saw or similar type equipment to trim vegetation	Approved	5.20.13

Representative Photos



Photo 1: Crews hauled salvage cacti on foot from work areas between McCain Valley Road and turbine G5 to the access road for transport to the laydown area at turbine E2 in accordance with LNTP-2 authorized activities and the Habitat Restoration Plan (MM-BIO-1D).



Photo 2: Westwood survey crews staked the center line of the road on the C String ensuring the limits of the work area are delineated in the field according to the development plans (MM BIO-1A).



Photo 3: Salvaged cacti were observed transported to the laydown area at turbine E2 in a trailer along BLM access roads in accordance with the conditions of the LNTP-2.



Photo 4: ESA sign installed at the intersection of a Jurisdictional Drainage and the temporary disturbance boundary in accordance with MM-BIO-2A.

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BLM Authorized Officer Weekly Report

El Centro Field Office
1661 S. 4th Street
El Centro, California 92243
Website: www.tulewindECCMP.com

Project: Tule Wind Energy Project

Weekly Project Update

Prepared By: David Hochart, DUDEK, 605 Third Street, Encinitas, CA 92024

Reporting Period: 11.7.16 through 11.13.16

Summary

The Bureau of Land Management (BLM) is responsible for overseeing implementation of the mitigation measures (MM) set forth in the *Joint Final Environmental Impact Report/Environmental Impact Statement (FEIR/FEIS)* for the Tule Wind Energy Project. A federal Right-of-Way (ROW) grant (CACA-049698) for the Tule Wind Energy Project was granted by the BLM to Tule Wind, LLC, a subsidiary of Avangrid Renewables, Inc. on April 10, 2010.

On October 12, 2016, the BLM issued a Limited Notice to Proceed (LNTP)-2 to Tule Wind, LLC authorizing limited preconstruction activities within the Tule Wind Energy Project site. The preconstruction activities are being completed to prepare the project site for construction activities as described in the revised Plan of Development (POD), dated April 22, 2016. Preconstruction activities authorized under the LNTP-2 include disturbance limit staking, limited vegetation clearing associated with line of sight staking, staking of Environmentally Sensitive Areas, weed removal, cacti salvage, and truck and ATV use of BLM access routes. Detailed definitions of these activities can be found on the Tule Wind ECCMP website under the Notice to Proceed section¹.

The BLM has established a third-party monitoring program and adopted an Environmental and Construction Compliance Monitoring Plan (ECCMP) to ensure that measures approved in the FEIR/FEIS to mitigate or avoid significant impacts are implemented in the field. This ECCMP status report is intended to provide a description of construction activities, a summary of site inspections conducted by the BLM's third-party environmental compliance monitors (ECMs), the compliance status of mitigation measures required by the ECCMP and LNTP-2, and anticipated construction activities for the following week. The following weekly report covers construction activities for the reporting period of 11.7.16 through 11.13.16.

Site Inspections, Mitigation Monitoring, and Compliance

Preconstruction activities were observed to verify implementation of the measures stipulated in the project's ECCMP and conditions included in LNTP-2 as they pertain to current activities. No issues or concerns about compliance with the mitigation measures were reported by ECMs. Daily observations were documented on daily site inspection forms and applicable mitigation

¹ [http://tulewindeccmp.com/CACA_49698_Tule_LNTP%2010.12.16%20\[FINAL\].pdf](http://tulewindeccmp.com/CACA_49698_Tule_LNTP%2010.12.16%20[FINAL].pdf)

measures were reviewed. The following compliance activities were observed by third party ECMs on site during preconstruction activities:

Archaeological Resources

Crews continued to install ESA fencing and work with survey crews to ensure ESAs are clearly and appropriately delineated along the project disturbance limits in accordance with MM CUL-1a. The ESAs will be maintained to ensure the continual protection of environmental resources.

Biological Resources

Tule Wind, LLC has contracted with a consulting firm, ICF, to complete day-to-day biological monitoring of the construction activities in accordance with the ECCMP and MM Bio-1c. In conformance with conditions outlined in LNTP-2, biologists' resumes were submitted and approved by the BLM prior to initial preconstruction activities in October 2016.

Cacti Salvage

Crews were observed using hand tools (loppers) to remove cacti on the access road from McCain Valley Road under the supervision of a Biological Monitor/Habitat Restoration Specialist in accordance with MM Bio-1c. Cacti salvaged from near Structures G10 and G11 were transported and staged temporarily at the laydown yard between Structures G11 and G12. After project roads are constructed, the cacti at this temporary staging area will be transported and planted at designated laydown yards near Structures E2 and E8 in accordance with Section 5.2.2.1 of the Habitat Restoration Plan. The cacti salvaged near the E String were staged in the laydown yard near Structure E2 where they will eventually be planted.

Buffers

All cacti salvage activities were observed within the temporary disturbance work limits in accordance with MM Bio-1a.

Survey Staking

ECMs observed survey crews staking the road centerline, grading limits, and turbine locations along the G String and McCain Valley Road to ensure the disturbance limits are delineated in the field according to the design plans and MM Bio-1a. Flagging was installed to assist with delineating and defining the work limits.

Dust Control Plan Implementation (MM-AQ-1)

ECMs observed appropriate dust control measures being implemented.

Fire Prevention/Protection Plan (MM-FF-1; MMBio-1f)

During all construction activities, Tule Wind, LLC is required to adhere to the guidelines and commitments within the Construction Fire Prevention/Protection Plan (as applicable to preconstruction activities) and LNTP-2 conditions.

ECMs observed required fire equipment and best management practices on the project site during preconstruction activities, including vehicles with required fire suppression equipment and vehicles parked in areas with no vegetation. ECMs ensured crews were made aware of the requirements for having 3A, 40BC fire extinguishers, 5- gallon backpack pumps, and shovels.

Preconstruction Activities Schedule:

- Staking disturbance limits along McCain Valley Road,
- Cacti salvage between G7 and G12, and
- ESA staking.

Potential Delays to the Online Date of the Project

- Tule Wind, LLC has submitted a request for Notice to Proceed (NTP) for clearing, grading, excavation, and staging. The NTP request is under review by the BLM.

Notice to Proceed

NTP No.	Date Issued	Project Component	Conditions Included (Y/N)
1	9.17.12	Geotechnical Activities per MM-Geo-3 • turbine borings • met tower borings • soil test pit exactions • visual examination • completion of Multichannel Analysis of Surface Waves (MASW) and seismic refraction testing at up to 15 percent of the turbine locations • thermal resistivity sample collection at approximately six locations • electrical resistivity testing at approximately six locations	Yes
2	10.12.16	Preconstruction activities as follows • disturbance limit staking and limited vegetation clearing • staking of ESAs • removal of weeds in accordance with the HRP • cacti salvage • pickup truck and ATV use of BLM access routes authorized under the Eastern San Diego County Resource Management Plan (2008)	Yes

Variance Requests

Variance Request No.	Submitted	Description	Status	Approval Date
1	10.26.12	Use of one Type II Water Tender and one Type III Engine in-lieu of a Type VI Skid Mount pump unit	Approved	11.2.12
2	5.16.13	Use of additional existing roads, use of a track-mounted excavator, ability to shift small to medium sized boulders and use of a chain-saw or similar type equipment to trim vegetation	Approved	5.20.13

Representative Photos

	
Photo 1: Vehicles parked in areas free of vegetation in accordance with the Construction Fire Prevention/Protection Plan (MM FF-1 and MM BIO-1F).	Photo 2: The temporary staging area for salvaged cacti at the laydown yard between Structures G11 and G12 is labeled as an ESA in accordance with Section 5.2.2.1 of the Habitat Restoration Plan.
	
Photo 3: Survey crew staking the grading limits along the G String in accordance with MM BIO-1A.	Photo 4: Crews restricted OHV use to BLM roads while transporting salvaged cacti to staging areas in accordance with the LNTP-2.

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BLM Authorized Officer Weekly Report

El Centro Field Office
1661 S. 4th Street
El Centro, California 92243
Website: www.tulewindECCMP.com

Project: Tule Wind Energy Project

Weekly Project Update

Prepared By: David Hochart, DUDEK, 605 Third Street, Encinitas, CA 92024

Reporting Period: 11.14.16 through 11.20.16

Summary

The Bureau of Land Management (BLM) is responsible for overseeing implementation of the mitigation measures (MM) set forth in the *Joint Final Environmental Impact Report/Environmental Impact Statement (FEIR/FEIS)* for the Tule Wind Energy Project. A federal Right-of-Way (ROW) grant (CACA-049698) for the Tule Wind Energy Project was granted by the BLM to Tule Wind, LLC, a subsidiary of Avangrid Renewables, Inc. on April 10, 2010.

On October 12, 2016, the BLM issued a Limited Notice to Proceed (LNTP)-2 to Tule Wind, LLC authorizing limited preconstruction activities within the Tule Wind Energy Project site. The preconstruction activities are being completed to prepare the project site for construction activities as described in the revised Plan of Development (POD), dated April 22, 2016. Preconstruction activities authorized under the LNTP-2 include disturbance limit staking, limited vegetation clearing associated with line of sight staking, staking of Environmentally Sensitive Areas, weed removal, cacti salvage, and truck and ATV use of BLM access routes. Detailed definitions of these activities can be found on the Tule Wind ECCMP website under the Notice to Proceed section¹.

The BLM has established a third-party monitoring program and adopted an Environmental and Construction Compliance Monitoring Plan (ECCMP) to ensure that measures approved in the FEIR/FEIS to mitigate or avoid significant impacts are implemented in the field. This ECCMP status report is intended to provide a description of construction activities, a summary of site inspections conducted by the BLM's third-party environmental compliance monitors (ECMs), the compliance status of mitigation measures required by the ECCMP and LNTP-2, and anticipated construction activities for the following week. The following weekly report covers construction activities for the reporting period of 11.14.16 through 11.20.16.

Site Inspections, Mitigation Monitoring, and Compliance

Preconstruction activities were observed to verify implementation of the measures stipulated in the project's ECCMP and conditions included in LNTP-2 as they pertain to current activities. No issues or concerns about compliance with the mitigation measures were reported by ECMs. Daily observations were documented on daily site inspection forms and applicable mitigation

¹ [http://tulewindeccmp.com/CACA_49698_Tule_LNTP%2010.12.16%20\[FINAL\].pdf](http://tulewindeccmp.com/CACA_49698_Tule_LNTP%2010.12.16%20[FINAL].pdf)

measures were reviewed. The following compliance activities were observed by third party ECMs on site during preconstruction activities:

Archaeological Resources

ECMs observed cultural monitoring crews surveying the area surrounding the proposed road re-route between Structures G14 and G15 to ensure protection of nearby cultural resources in accordance with MM CUL-1b. Crews also installed additional signage around existing ESAs in accordance with MM CUL-1a.

Biological Resources

Crews were observed using hand tools (loppers) to remove cacti near Structure G10 and along the access road to the J String under the supervision of a Biological Monitor/Habitat Restoration Specialist in accordance with MM Bio-1c. Cacti salvaged from Structure G10 were transported along BLM roads and staged temporarily at the laydown yard between Structures G11 and G12. After project roads are constructed, the cacti at this temporary staging area will be transported and planted at designated laydown yards near Structures E2 and E8 in accordance with Section 5.2.2.1 of the Habitat Restoration Plan. Cacti salvaged from near the J String were transported along BLM roads and staged temporarily on San Diego County Land.

All cacti salvage activities were observed within the temporary disturbance work limits in accordance with MM Bio-1a.

ECMs observed survey crews staking road taper areas and grading limits along McCain Valley Road. Cultural and Biological monitors were present while survey crews staked grading limits to ensure sensitive species will be appropriately buffered in accordance with MM Bio-1a and MM-CUL-1A.

Hazardous Materials Management Plan; Waste Management Plan; and Spill Prevention, Control, and Countermeasure Plan Implementation (MM-HAZ-1a; MM-HAZ-1c; MM-HAZ-5a)

Two portable sanitation facilities were discovered overturned and their contents spilled when workers arrived at Lark Canyon OHV Staging Area in the morning. ECMs confirmed that the spill was contained and the affected soil removed following the procedures outlined in the Spill Prevention, Control, and Countermeasure Plan (SPCC) and the Hazardous Materials Management Plan (HMMP).

Dust Control Plan Implementation (MM-AQ-1)

ECMs observed appropriate dust control measures being implemented.

Fire Prevention/Protection Plan Implementation (MM-FF-1; MMBio-1f)

ECMs observed required fire equipment and best management practices on the project site during preconstruction activities, including vehicles with required fire suppression equipment and vehicles parked in areas with no vegetation. ECMs ensured crews were made aware of the requirements for having 3A, 40BC fire extinguishers, 5- gallon backpack pumps, and shovels.

Construction Notification Plan Implementation (MM LU-1a)

A public notification was posted at the start of the dirt McCain Valley Road in Lark Canyon in accordance with the Construction Notification Plan (CNP).

Preconstruction Activities Schedule:

- Staking disturbance limits of parking, laydown, office, O&M, batch plant yard, access road, and substation areas;
- Cacti salvage along the D String; and
- ESA staking.

Construction Activities Schedule:

- Additional NTPs have been issued by the BLM for construction activities including clearing, grading, and fire tank construction (see table below). Construction is anticipated to begin before January 2017.

Potential Delays to the Online Date of the Project

- None.

Notice to Proceed

NTP No.	Date Issued	Project Component	Conditions Included (Y/N)
1	9.17.12	Geotechnical Activities per MM-Geo-3 • turbine borings • met tower borings • soil test pit exactions • visual examination • completion of Multichannel Analysis of Surface Waves (MASW) and seismic refraction testing at up to 15 percent of the turbine locations • thermal resistivity sample collection at approximately six locations • electrical resistivity testing at approximately six locations	Yes
2	10.12.16	Preconstruction activities as follows • disturbance limit staking and limited vegetation clearing • staking of ESAs • removal of weeds in accordance with the HRP • cacti salvage • pickup truck and ATV use of BLM access routes authorized under the Eastern San Diego County Resource Management Plan (2008)	Yes
3	11.18.16	Clearing and grading activities as follows • vegetation clearing (site clearing and grubbing) • grading work and blasting (as-needed) associated with the access road • equipment staging and laydown yard/staging areas • foundation excavation and blasting (as-needed)	Yes
4	11.18.16	Construction activities for four 10,000-gallon fire tanks including • site surveying • vegetation clearing and grading • footing excavation • turnout construction • forming the tanks • installation of reinforced steel • pouring footing, slab, and walls • backfill and final grading	Yes

Variance Requests

Variance Request No.	Submitted	Description	Status	Approval Date
1	10.26.12	Use of one Type II Water Tender and one Type III Engine in-lieu of a Type VI Skid Mount pump unit	Approved	11.2.12
2	5.16.13	Use of additional existing roads, use of a track-mounted excavator, ability to shift small to medium sized boulders and use of a chain-saw or similar type equipment to trim vegetation	Approved	5.20.13

Representative Photos



Photo 1: Spill kits were used to clean up the spill from overturned portable sanitation facilities in accordance with the SPCC and HMMP.

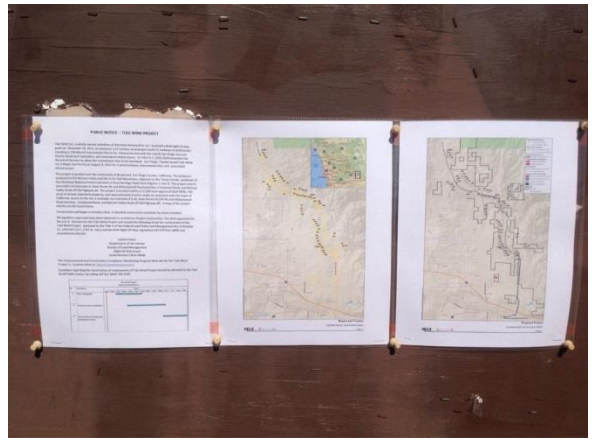


Photo 2: Construction notification posted at the entrance to McCain Valley Road in accordance with the CNP.



Photo 3: Survey crews staking road taper areas in accordance with MM BIO-1A.



Photo 4: Orange pin flags (right side of photo) delineate the temporary disturbance limits for biological monitors and crews salvaging cacti (MM-BIO-1A).

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BLM Authorized Officer Weekly Report

El Centro Field Office
1661 S. 4th Street
El Centro, California 92243
Website: www.tulewindECCMP.com

Project: Tule Wind Energy Project

Weekly Project Update

Prepared By: David Hochart, DUDEK, 605 Third Street, Encinitas, CA 92024

Reporting Period: 11.21.16 through 11.27.16

Summary

The Bureau of Land Management (BLM) is responsible for overseeing implementation of the mitigation measures (MM) set forth in the *Joint Final Environmental Impact Report/Environmental Impact Statement (FEIR/FEIS)* for the Tule Wind Energy Project. A federal Right-of-Way (ROW) grant (CACA-049698) for the Tule Wind Energy Project was granted by the BLM to Tule Wind, LLC, a subsidiary of Avangrid Renewables, Inc. on April 10, 2010.

On October 12, 2016, the BLM issued a Limited Notice to Proceed (LNTP)-2 to Tule Wind, LLC authorizing limited preconstruction activities within the Tule Wind Energy Project site. The preconstruction activities are being completed to prepare the project site for construction activities as described in the revised Plan of Development (POD), dated April 22, 2016. Preconstruction activities authorized under the LNTP-2 include disturbance limit staking, limited vegetation clearing associated with line of sight staking, staking of Environmentally Sensitive Areas, weed removal, cacti salvage, and truck and ATV use of BLM access routes. Detailed definitions of these activities can be found on the Tule Wind ECCMP website under the Notice to Proceed section¹.

On October 18, 2016, the BLM issued Notice to Proceed (NTP) 3 and 4 to Tule Wind, LLC authorizing clearing and grading activities, and construction and installation of four 10,000-gallon fire tanks, respectively. All preconstruction activities that occurred during this reporting period were performed under LNTP-2. Construction activities associated with issuance of NTP 3 and 4 are tentatively scheduled to begin during the week of December 5, 2016.

The BLM has established a third-party monitoring program and adopted an Environmental and Construction Compliance Monitoring Plan (ECCMP) to ensure that measures approved in the FEIR/FEIS to mitigate or avoid significant impacts are implemented in the field. This ECCMP status report is intended to provide a description of construction activities, a summary of site inspections conducted by the BLM's third-party environmental compliance monitors (ECMs), the compliance status of mitigation measures required by the ECCMP and LNTP-2, and anticipated construction activities for the following week. The following weekly report covers construction activities for the reporting period of 11.21.16 through 11.27.16.

¹ [http://tulewindeccmp.com/CACA_49698_Tule_LNTP%2010.12.16%20\[FINAL\].pdf](http://tulewindeccmp.com/CACA_49698_Tule_LNTP%2010.12.16%20[FINAL].pdf)

Site Inspections, Mitigation Monitoring, and Compliance

Preconstruction activities were observed to verify implementation of the measures stipulated in the project's ECCMP and conditions included in LNTP-2 as they pertain to current activities. No issues or concerns about compliance with the mitigation measures were reported by ECMs. Daily observations were documented on daily site inspection forms and applicable mitigation measures were reviewed. The following compliance activities were observed by third party ECMs on site during preconstruction activities:

Survey Staking

ECMs observed survey crews staking the grading limits along McCain Valley Road to ensure the disturbance limits are delineated in the field according to the design plans and MM Bio-1a. Flagging was installed to assist with delineating and defining the work limits.

Dust Control Plan Implementation (MM-AQ-1)

ECMs observed dust control best management practices being implemented including limiting vehicle idling times to a maximum of five minutes and maintaining traffic speeds at or below the 15 mile per hour speed limit, in accordance with ROW Grant Stipulation 9 and the Dust Control Plan.

Fire Prevention/Protection Plan Implementation (MM-FF-1; MMBio-1f)

ECMs observed required fire equipment and best management practices on the project site during preconstruction activities, including vehicles with required fire suppression equipment and vehicles parked in areas with no vegetation. ECMs ensured crews were made aware of the requirements for having 3A, 40BC fire extinguishers, 5- gallon backpack pumps, and shovels.

Construction Notification Plan Implementation (MM LU-1a)

Public notifications are posted at the start of the dirt McCain Valley Road and at Lark Canyon Campground in accordance with the Construction Notification Plan (CNP).

Preconstruction Activities Schedule:

- Staking disturbance limits along McCain Valley Road; and
- Cacti salvage along the D String.

Construction Activities Schedule:

- Additional NTPs have been issued by the BLM for construction activities including clearing, grading, and fire tank construction (see table below). Construction is tentatively scheduled to begin during the week of December 5, 2016.

Potential Delays to the Online Date of the Project

- None.

Notice to Proceed

NTP No.	Date Issued	Project Component	Conditions Included (Y/N)
1	9.17.12	Geotechnical Activities per MM-Geo-3 - turbine borings - met tower borings - soil test pit exactions - visual examination - completion of Multichannel Analysis of Surface Waves (MASW) and seismic refraction testing at up to 15 percent of the turbine locations - thermal resistivity sample collection at approximately six locations - electrical resistivity testing at approximately six locations	Yes
2	10.12.16	Preconstruction activities as follows - disturbance limit staking and limited vegetation clearing - staking of ESAs - removal of weeds in accordance with the HRP - cacti salvage - pickup truck and ATV use of BLM access routes authorized under the Eastern San Diego County Resource Management Plan (2008)	Yes
3	11.18.16	Clearing and grading activities as follows - vegetation clearing (site clearing and grubbing) - grading work and blasting (as-needed) associated with the access road - equipment staging and laydown yard/staging areas - foundation excavation and blasting (as-needed)	Yes
4	11.18.16	Construction activities for four 10,000-gallon fire tanks including - site surveying - vegetation clearing and grading - footing excavation - turnout construction - forming the tanks - installation of reinforced steel - pouring footing, slab, and walls - backfill and final grading	Yes

Variance Requests

Variance Request No.	Submitted	Description	Status	Approval Date
1	10.26.12	Use of one Type II Water Tender and one Type III Engine in-lieu of a Type VI Skid Mount pump unit	Approved	11.2.12
2	5.16.13	Use of additional existing roads, use of a track-mounted excavator, ability to shift small to medium sized boulders and use of a chain-saw or similar type equipment to trim vegetation	Approved	5.20.13

Representative Photos



Photo 1: Construction notification signs posted at the Lark Canyon Campground in accordance with the CNP.



Photo 2: Construction notification sign posted at the entrance to McCain Valley Road in accordance with the CNP.



Photo 3: Survey crews staking grading limits along McCain Valley Road in accordance with MM BIO-1A.

December 2016



BLM Authorized Officer Weekly Report

El Centro Field Office
1661 S. 4th Street
El Centro, California 92243
Website: www.tulewindECCMP.com

Project: Tule Wind Energy Project

Weekly Project Update

Prepared By: David Hochart, DUDEK, 605 Third Street, Encinitas, CA 92024

Reporting Period: 11.28.16 through 12.4.16

Summary

The Bureau of Land Management (BLM) is responsible for overseeing implementation of the mitigation measures (MM) set forth in the *Joint Final Environmental Impact Report/Environmental Impact Statement (FEIR/FEIS)* for the Tule Wind Energy Project. A federal Right-of-Way (ROW) grant (CACA-049698) for the Tule Wind Energy Project was granted by the BLM to Tule Wind, LLC, a subsidiary of Avangrid Renewables, Inc. on April 10, 2010.

On October 12, 2016, the BLM issued a Limited Notice to Proceed (LNTP)-2 to Tule Wind, LLC authorizing limited preconstruction activities within the Tule Wind Energy Project site. The preconstruction activities are being completed to prepare the project site for construction activities as described in the revised Plan of Development (POD), dated April 22, 2016. Preconstruction activities authorized under the LNTP-2 include disturbance limit staking, limited vegetation clearing associated with line of sight staking, staking of Environmentally Sensitive Areas, weed removal, cacti salvage, and truck and ATV use of BLM access routes. Detailed definitions of these activities can be found on the Tule Wind ECCMP website under the Notice to Proceed section¹.

On November 18, 2016, the BLM issued Notice to Proceed (NTP) 3 and 4 to Tule Wind, LLC authorizing clearing and grading activities, and construction and installation of four 10,000-gallon fire tanks, respectively. All preconstruction activities that occurred during this reporting period were performed under LNTP-2. Construction activities associated with issuance of NTP 3 and 4 are scheduled to begin during the week of December 12, 2016.

The BLM has established a third-party monitoring program and adopted an Environmental and Construction Compliance Monitoring Plan (ECCMP) to ensure that measures approved in the FEIR/FEIS to mitigate or avoid significant impacts are implemented in the field. This ECCMP status report is intended to provide a description of construction activities, a summary of site inspections conducted by the BLM's third-party environmental compliance monitors (ECMs), the compliance status of mitigation measures required by the ECCMP and LNTP-2, and anticipated construction activities for the following week. The following weekly report covers construction activities for the reporting period of 11.28.16 through 12.4.16.

¹ [http://tulewindeccmp.com/CACA_49698_Tule_LNTP%2010.12.16%20\[FINAL\].pdf](http://tulewindeccmp.com/CACA_49698_Tule_LNTP%2010.12.16%20[FINAL].pdf)

Site Inspections, Mitigation Monitoring, and Compliance

Preconstruction activities were observed to verify implementation of the measures stipulated in the project's ECCMP and conditions included in LNTP-2 as they pertain to current activities. No issues or concerns about compliance with the mitigation measures were reported by ECMs. Daily observations were documented on daily site inspection forms and applicable mitigation measures were reviewed. The following compliance activities were observed by third party ECMs on site during preconstruction activities:

Survey Staking

ECMs observed Westwood survey crews staking the grading limits along McCain Valley Road to ensure the disturbance limits are delineated in the field according to the design plans and MM Bio-1a. Flagging was installed to assist with delineating and defining the work limits.

Archaeological Resources

ECMs observed cultural monitors clearing the areas ahead of the Westwood survey crews to ensure protection of nearby cultural resources in accordance with MM CUL-1b.

Cultural monitors completed as needed repairs on ESA buffer signage in accordance with MM CUL-1a. The ESAs will continue to be maintained to ensure the protection of environmental resources.

Biological Resources

Cacti salvage activities concluded on 11.30.16 with the removal of cacti along the D String. The salvaged cacti are staged and marked with ESA signs within the project footprint near Structures E2 and G12 (and along the J String off of BLM-administered land). The cacti will be planted in designated areas in accordance with Section 5.2.2.1 of the Habitat Restoration Plan. All cacti salvage activities were observed within the temporary disturbance work limits in accordance with MM Bio-1a and occurred under the supervision of a Biological Monitor/Habitat Restoration Specialist in accordance with MM Bio-1c.

Dust Control Plan Implementation (MM-AQ-1)

ECMs observed dust control best management practices being implemented including limiting vehicle idling times to a maximum of five minutes and maintaining traffic speeds at or below the 15 mile per hour speed limit, in accordance with ROW Grant Stipulation 9 and the Dust Control Plan.

Fire Prevention/Protection Plan Implementation (MM-FF-1; MMBio-1f)

ECMs observed required fire equipment and best management practices on the project site during preconstruction activities, including vehicles with required fire suppression equipment and vehicles parked in areas with no vegetation. ECMs ensured crews were made aware of the requirements for having 3A, 40BC fire extinguishers, 5- gallon backpack pumps, and shovels.

Construction Notification Plan Implementation (MM LU-1a)

ECMs observed public notifications posted at the start of the dirt McCain Valley Road and at Lark Canyon Campground in accordance with the Construction Notification Plan (CNP).

Preconstruction Activities Schedule:

- Continue staking disturbance limits along McCain Valley Road.
- Begin staking clearing limits for turbine strings.

Construction Activities Schedule:

- Begin clearing and grubbing for laydown yards, O&M buildings, substation, and batch plant.

Potential Delays to the Online Date of the Project

- None.

Notice to Proceed

NTP No.	Date Issued	Project Component	Conditions Included (Y/N)
1	9.17.12	Geotechnical Activities per MM-Geo-3 - turbine borings - met tower borings - soil test pit exactions - visual examination - completion of Multichannel Analysis of Surface Waves (MASW) and seismic refraction testing at up to 15 percent of the turbine locations - thermal resistivity sample collection at approximately six locations - electrical resistivity testing at approximately six locations	Yes
2	10.12.16	Preconstruction activities as follows - disturbance limit staking and limited vegetation clearing - staking of ESAs - removal of weeds in accordance with the HRP - cacti salvage - pickup truck and ATV use of BLM access routes authorized under the Eastern San Diego County Resource Management Plan (2008)	Yes
3	11.18.16	Clearing and grading activities as follows - vegetation clearing (site clearing and grubbing) - grading work and blasting (as-needed) associated with the access road - equipment staging and laydown yard/staging areas - foundation excavation and blasting (as-needed)	Yes
4	11.18.16	Construction activities for four 10,000-gallon fire tanks including - site surveying - vegetation clearing and grading - footing excavation - turnout construction - forming the tanks - installation of reinforced steel - pouring footing, slab, and walls - backfill and final grading	Yes

Variance Requests

Variance Request No.	Submitted	Description	Status	Approval Date
1	10.26.12	Use of one Type II Water Tender and one Type III Engine in-lieu of a Type VI Skid Mount pump unit	Approved	11.2.12
2	5.16.13	Use of additional existing roads, use of a track-mounted excavator, ability to shift small to medium sized boulders and use of a chain-saw or similar type equipment to trim vegetation	Approved	5.20.13

Representative Photos



Photo 1: Salvaged cacti staged at laydown yard near Structure E2. ESA signs were installed to mark the area in accordance with Section 5.2.2.1 of the Habitat Restoration Plan (MM BIO-1D).



Photo 2: Cacti being salvaged along the D String using hand tools in accordance with Section 5.2.2.1 of the Habitat Restoration Plan (MM BIO-1D).



Photo 3: Salvaged cacti being hauled on foot to the BLM access roads before being driven along existing roads to the staging area near Structure E2, in accordance with the conditions of LNTP-2.



Photo 4: Vehicles were observed parked in non-vegetated areas within the construction limits in accordance with the Construction Fire Prevention/Protection Plan (MM FF-1 and MM BIO-1F).

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BLM Authorized Officer Weekly Report

El Centro Field Office
1661 S. 4th Street
El Centro, California 92243
Website: www.tulewindECCMP.com

Project: Tule Wind Energy Project

Weekly Project Update

Prepared By: David Hochart, DUDEK, 605 Third Street, Encinitas, CA 92024

Reporting Period: 12.5.16 through 12.11.16

Summary

The Bureau of Land Management (BLM) is responsible for overseeing implementation of the mitigation measures (MM) set forth in the *Joint Final Environmental Impact Report/Environmental Impact Statement (FEIR/FEIS)* for the Tule Wind Energy Project. A federal Right-of-Way (ROW) grant (CACA-049698) for the Tule Wind Energy Project was granted by the BLM to Tule Wind, LLC, a subsidiary of Avangrid Renewables, Inc. on April 10, 2010.

On October 12, 2016, the BLM issued a Limited Notice to Proceed (LNTP)-2 to Tule Wind, LLC authorizing limited preconstruction activities within the Tule Wind Energy Project site. The preconstruction activities are being completed to prepare the project site for construction activities as described in the revised Plan of Development (POD), dated April 22, 2016. Preconstruction activities authorized under the LNTP-2 include disturbance limit staking, limited vegetation clearing associated with line of sight staking, staking of Environmentally Sensitive Areas, weed removal, cacti salvage, and truck and ATV use of BLM access routes.

On November 18, 2016, the BLM issued Notice to Proceed (NTP) 3 and 4 to Tule Wind, LLC authorizing clearing and grading activities, and construction and installation of four 10,000-gallon fire tanks, respectively. All preconstruction activities that occurred on BLM-administered land during this reporting period were performed under LNTP-2, NTP-3, and NTP-4. The full text of all issued NTPs and the details of the covered activities can be found on the Tule Wind ECCMP website under the Notice to Proceed section¹.

The BLM has established a third-party monitoring program and adopted an Environmental and Construction Compliance Monitoring Plan (ECCMP) to ensure that measures approved in the FEIR/FEIS to mitigate or avoid significant impacts are implemented in the field. This ECCMP status report is intended to provide a description of construction activities, a summary of site inspections conducted by the BLM's third-party environmental compliance monitors (ECMs), the compliance status of mitigation measures required by the ECCMP, LNTP-2, NTPs 3 and 4, and anticipated construction activities for the following week. The following weekly report covers construction activities for the reporting period of 12.5.16 through 12.11.16.

¹ <http://tulewindeccmp.com/#NTP>

Site Inspections, Mitigation Monitoring, and Compliance

Preconstruction activities were observed to verify implementation of the measures stipulated in the project's ECCMP and conditions included in LNTP-2 and NTPs 3 and 4 as they pertain to current activities. Daily observations were documented on daily site inspection forms and applicable mitigation measures were reviewed. The following compliance activities were observed by third party ECMs on site during preconstruction activities:

Construction Activities

Cacti salvage activities authorized under LNTP-2 were completed on November 30, 2016. The cacti are currently being stored on-site within a staked and flagged Environmentally Sensitive Area. The cacti are anticipated to be temporarily planted in the ground, in a secured on-site restoration yard until they can be re-planted post-construction.

Minimal clearing and grading activities occurred on lands administered by the BLM during this reporting period. This includes clearing portions of the access road leading to the 80-acre parcel located on San Diego County land where the operations and maintenance building is anticipated to be located. In addition, clearing and grading activities occurred at the sites where the four 10,000-gallon fire tanks will be located in accordance with NTP-3.

In addition to clearing and grading activities, three of the five temporary meteorological (met) towers were decommissioned and removed from the project site in accordance with the Meteorological Tower Decommissioning Plan. The met towers were initially installed under a ROW Grant issued by the BLM on September 15, 2004 (CACA-45248). The two remaining met towers are anticipated to be decommissioned and removed from the project site during the week of December 12th.

Survey Staking

ECMs observed survey crews staking disturbance limits along McCain Valley Road to ensure the disturbance limits are delineated in the field according to the design plans and MM Bio-1a. Flagging was installed to assist with delineating and defining the work limits.

Archaeological Resources

Cultural monitors were present to monitor clearing and grading activities along with the installation of erosion and sediment control devices in accordance with mitigation measure CUL-1d.

Biological Resources

Biological monitors were present to monitor clearing and grading activities along with the installation of erosion and sediment control devices in accordance with mitigation measure BIO-1c.

Limits of Disturbance – Problem Area

At approximately 1:30 pm, on 12.08.16 a biological monitor notified BLM's third-party ECM of a potential problem area. BLM's third-party ECM evaluated the problem area and observed a boulder that was pushed past the staked disturbance limits on the west side of the access road that leads to the 80-acre parcel, on lands administered by the BLM. The boulder was pushed approximately 15 feet past the staked limits of disturbance causing approximately 150 square feet of disturbance. BLM's third-party ECM and archaeological monitor inspected the area of disturbance and found no impacts to sensitive biological or cultural resources. In accordance with Section 5.2 of the ECCMP, this event is being classified as a "Problem Area" or "an activity that the compliance monitors determine is unintentional and an isolated departure from the project specifications, with no damage to resources". The BLM will be working with Tule Wind LLC to document the problem area and to take measures to prevent similar issues from occurring.

Hazardous Materials Management Plan (MM-HAZ-1a)

ECMs observed all portable restroom facilities to be staked to the ground surface with containment in place to prevent the potential for leaks or spills in accordance with ROW Grant Stipulation 78 and the Hazardous Materials Management Plan.

Stormwater Pollution Prevention Plan (SWPPP) (MM-HYD-1)

Erosion and sediment control devices including straw wattles and silt fencing were observed to be properly installed by ECMs. Erosion and sediment control devices were being installed per the specifications provided in the grading plans and in accordance with the SWPPP.

Dust Control Plan Implementation (MM-AQ-1)

ECMs observed dust control best management practices being implemented including limiting vehicle idling times to a maximum of five minutes, maintaining traffic speeds at or below the 15 mile per hour speed limit, and watering active areas of construction at least three times per day in accordance with ROW Grant Stipulation 9 and the Dust Control Plan.

Fire Prevention/Protection Plan Implementation (MM-FF-1; MMBio-1f)

ECMs observed required fire equipment and best management practices on the project site during preconstruction activities, including vehicles with required fire suppression equipment and vehicles parked in areas with no vegetation. ECMs ensured crews were made aware of the requirements for having 3A, 40BC fire extinguishers, 5-gallon backpack pumps, and shovels. Fire patrols occurred on a regular basis one hour after the end of daily construction.

Preconstruction Activities Schedule:

- Continue staking disturbance limits along McCain Valley Road.
- Continue staking clearing limits for turbine strings.

Construction Activities Schedule:

- Continue clearing and grubbing for laydown yards, O&M buildings, substation, batch plant, and water tank locations. Continue installation of erosion and sediment control devices.

Potential Delays to the Online Date of the Project

- None.

Notice to Proceed

NTP No.	Date Issued	Project Component	Conditions Included (Y/N)
1	9.17.12	Geotechnical Activities per MM-Geo-3 • turbine borings • met tower borings • soil test pit exactions • visual examination • completion of Multichannel Analysis of Surface Waves (MASW) and seismic refraction testing at up to 15 percent of the turbine locations • thermal resistivity sample collection at approximately six locations • electrical resistivity testing at approximately six locations	Yes
2	10.12.16	Preconstruction activities as follows • disturbance limit staking and limited vegetation clearing • staking of ESAs • removal of weeds in accordance with the HRP • cacti salvage • pickup truck and ATV use of BLM access routes authorized under the Eastern San Diego County Resource Management Plan (2008)	Yes
3	11.18.16	Clearing and grading activities as follows • vegetation clearing (site clearing and grubbing) • grading work and blasting (as-needed) associated with the access road • equipment staging and laydown yard/staging areas • foundation excavation and blasting (as-needed)	Yes
4	11.18.16	Construction activities for four 10,000-gallon fire tanks including • site surveying • vegetation clearing and grading • footing excavation • turnout construction • forming the tanks • installation of reinforced steel • pouring footing, slab, and walls • backfill and final grading	Yes

Variance Requests

Variance Request No.	Submitted	Description	Status	Approval Date
1	10.26.12	Use of one Type II Water Tender and one Type III Engine in-lieu of a Type VI Skid Mount pump unit	Approved	11.2.12
2	5.16.13	Use of additional existing roads, use of a track-mounted excavator, ability to shift small to medium sized boulders and use of a chain-saw or similar type equipment to trim vegetation	Approved	5.20.13

Representative Photos



Photo 1: Archaeological and Native American monitors present during clearing and grading activities for the installation of water tanks along McCain Valley Road (MM-CUL-1d).



Photo 2: Portable restroom facilities are staked to the ground surface with containment in place to prevent the potential for leaks or spills in accordance with ROW Grant Stipulation 78 and the Hazardous Materials Management Plan.



Photo 3: Three of the five temporary met towers were decommissioned and removed in accordance with the Met Tower Decommissioning Plan.



Photo 4: A boulder was pushed approximately 15 feet outside of the limits of disturbance. This event is being classified as a "Problem Area" in accordance with 5.2 of the ECCMP.



BLM Authorized Officer Weekly Report

El Centro Field Office
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El Centro, California 92243
Website: www.tulewindECCMP.com

Project: Tule Wind Energy Project

Weekly Project Update

Prepared By: David Hochart, DUDEK, 605 Third Street, Encinitas, CA 92024

Reporting Period: 12.12.16 through 12.18.16

Summary

The Bureau of Land Management (BLM) is responsible for overseeing implementation of the mitigation measures (MM) set forth in the *Joint Final Environmental Impact Report/Environmental Impact Statement (FEIR/FEIS)* for the Tule Wind Energy Project. A federal Right-of-Way (ROW) grant (CACA-049698) for the Tule Wind Energy Project was granted by the BLM to Tule Wind, LLC, a subsidiary of Avangrid Renewables, Inc. on April 10, 2010.

On October 12, 2016, the BLM issued a Limited Notice to Proceed (LNTP)-2 to Tule Wind, LLC authorizing limited preconstruction activities within the Tule Wind Energy Project site. The preconstruction activities are being completed to prepare the project site for construction activities as described in the revised Plan of Development (POD), dated April 22, 2016. Preconstruction activities authorized under the LNTP-2 include disturbance limit staking, limited vegetation clearing associated with line of sight staking, staking of Environmentally Sensitive Areas, weed removal, cacti salvage, and truck and ATV use of BLM access routes.

On November 18, 2016, the BLM issued Notice to Proceed (NTP) 3 and 4 to Tule Wind, LLC authorizing clearing and grading activities, and construction and installation of four 10,000-gallon fire tanks, respectively. All construction activities that occurred on BLM-administered land during this reporting period were performed under LNTP-2, NTP-3, and NTP-4. The full text of all issued NTPs and the details of the covered activities can be found on the Tule Wind ECCMP website under the Notice to Proceed section¹.

The BLM has established a third-party monitoring program and adopted an Environmental and Construction Compliance Monitoring Plan (ECCMP) to ensure that measures approved in the FEIR/FEIS to mitigate or avoid significant impacts are implemented in the field. This ECCMP status report is intended to provide a description of construction activities, a summary of site inspections conducted by the BLM's third-party environmental compliance monitors (ECMs), the compliance status of mitigation measures required by the ECCMP, LNTP-2, NTPs 3 and 4, and anticipated construction activities for the following week. The following weekly report covers construction activities for the reporting period of 12.12.16 through 12.18.16.

¹ <http://tulewindeccmp.com/#NTP>

Site Inspections, Mitigation Monitoring, and Compliance

Preconstruction activities were observed to verify implementation of the measures stipulated in the project's ECCMP and conditions included in LNTP-2 and NTPs 3 and 4 as they pertain to current activities. ECMs documented observations on daily site inspection forms and reviewed applicable mitigation measures. The following compliance activities were observed by third party ECMs on site during preconstruction activities:

Construction Activities

Cacti salvage activities authorized under LNTP-2 were completed on November 30, 2016. The cacti are currently being stored on-site within a staked and flagged Environmentally Sensitive Area. The cacti are anticipated to be temporarily planted in the ground, in a secured on-site restoration yard until they can be re-planted post-construction.

On Saturday, December 12, 2016 four 10,000-gallon temporary water tanks were installed along McCain Valley Road in accordance with the Fire Prevention/Protection Plan and NTP-3. With the installation of the four 10,000-gallon temporary water tanks, clearing and grading activities on land administered by the BLM were authorized to proceed.

During this reporting period, grading and clearing activities continued along the J string and G string access roads as well as temporary staging areas in accordance with NTP-4. Topsoil was salvaged along the ROW in accordance with Section 5.2.2.3 of the Habitat Restoration Plan.

During the previous reporting period, three of the five temporary meteorological (met) towers were removed from the project site in accordance with the Meteorological Tower Decommissioning Plan. The met towers were initially installed under a ROW Grant issued by the BLM on September 15, 2004 (CACA-45248). One of the two remaining met towers was decommissioned and removed from the project site during this reporting period. The final met tower was decommissioned and is currently stowed onsite. The met tower components are anticipated to be removed from the project site once the access road associated with installation of the wind turbines has been completed.

Archaeological Resources

Cultural monitors were present to monitor clearing, grading, and topsoil salvage activities along with the installation of erosion and sediment control devices in accordance with mitigation measure CUL-1d.

Biological Resources

Biological monitors were present to monitor clearing, grading, and topsoil salvage activities along with the installation of erosion and sediment control devices in accordance with mitigation measure BIO-1c.

Biological and Cultural Monitoring – Problem Area (BIO-1c and CUL-1d)

At approximately 8:25 am, on Friday, December 16, 2016 the BLM's third-party ECM observed a bulldozer with a blade attachment working on the road between structures G6 and G7 without biological or cultural monitors present. The ECM contacted the operator to ask if there were cultural or biological monitors present. The operator responded that he was touching up an existing, previously disturbed roadway and did not think that monitors were required. The ECM asked the operator to stop all activities until the appropriate monitors could mobilize to the site of disturbance. The operator complied with the ECM's request.

The ECM estimated that the bulldozer operated for approximately five minutes without monitors present. The ECM along with the third-party archaeological monitor inspected the area and found no impacts to sensitive biological or cultural resources. As the operator mentioned, the area where ground disturbing activities were occurring was previously disturbed and unbeknownst to the ECM, previously surveyed by a biological monitor. However, it is unknown whether or not the blade exceeded the depth that was previously disturbed.

The BLM and Tule Wind LLC are working together to document the potential problem area and to ensure that there is a common understanding as to when biological and cultural monitors are required when working in previously disturbed areas.

Stormwater Pollution Prevention Plan (SWPPP) (MM-HYD-1)

ECMs observed the proper installation of erosion and sediment control devices including straw wattles and silt fencing. Erosion and sediment control devices were being installed per the specifications provided in the grading plans and in accordance with the SWPPP.

ECMs confirmed that SWPPP inspections of best management practices (BMP – including erosion and sediment control devices, proper grading, unblocked culverts, etc.) along McCain Valley Road, the J String, and the G String were conducted in accordance with Section 8.0 of the SWPPP.

Stormwater Pollution Prevention Plan - Communication

On Friday, December 16, 2016, the BLM's third-party ECM noted that the entrance/exit at the paved portion of McCain Valley Road was not stabilized in accordance with section 7.6 of the SWPPP. ECMs notified Tule Wind LLC of the track-out at the paved portion of McCain Valley Road. Tule Wind LLC was aware of the issue and will be working with the BLM and San Diego County to stabilize the entrance/exit with gravel to prevent track-out, while not impeding or restricting the public's use of the area.

Dust Control Plan Implementation (MM-AQ-1)

ECMs observed dust control best management practices being implemented including limiting vehicle idling times to a maximum of five minutes, maintaining traffic speeds at or below the 15 mile per hour speed limit, and watering active areas of construction at least three times per day in accordance with ROW Grant Stipulation 9 and the Dust Control Plan.

Fire Prevention/Protection Plan Implementation (MM-FF-1; MMBio-1f)

ECMs observed required fire equipment and best management practices on the project site during preconstruction activities, including vehicles with required fire suppression equipment and vehicles parked in areas with no vegetation. ECMs ensured crews were made aware of the requirements for having 3A, 40BC fire extinguishers, 5-gallon backpack pumps, and shovels. Fire patrols occurred on a regular basis one hour after the end of daily construction.

On Saturday, December 12, 2016 four 10,000-gallon temporary water tanks were installed along McCain Valley Road in accordance with the Fire Prevention/Protection Plan and NTP-3 (see Construction Activities section above).

Preconstruction Activities Schedule:

- Continue staking disturbance limits for F String and D String.

Construction Activities Schedule:

- Continue clearing and grubbing for G and H Line access and connector roads.

Potential Delays to the Online Date of the Project

- None.

Notice to Proceed

NTP No.	Date Issued	Project Component	Conditions Included (Y/N)
1	9.17.12	Geotechnical Activities per MM-Geo-3 - turbine borings - met tower borings - soil test pit exactions - visual examination - completion of Multichannel Analysis of Surface Waves (MASW) and seismic refraction testing at up to 15 percent of the turbine locations - thermal resistivity sample collection at approximately six locations - electrical resistivity testing at approximately six locations	Yes
2	10.12.16	Preconstruction activities as follows - disturbance limit staking and limited vegetation clearing - staking of ESAs - removal of weeds in accordance with the HRP - cacti salvage - pickup truck and ATV use of BLM access routes authorized under the Eastern San Diego County Resource Management Plan (2008)	Yes
3	11.18.16	Clearing and grading activities as follows - vegetation clearing (site clearing and grubbing) - grading work and blasting (as-needed) associated with the access road - equipment staging and laydown yard/staging areas - foundation excavation and blasting (as-needed)	Yes
4	11.18.16	Construction activities for four 10,000-gallon fire tanks including - site surveying - vegetation clearing and grading - footing excavation - turnout construction - forming the tanks - installation of reinforced steel - pouring footing, slab, and walls - backfill and final grading	Yes

Variance Requests

Variance Request No.	Submitted	Description	Status	Approval Date
1	10.26.12	Use of one Type II Water Tender and one Type III Engine in-lieu of a Type VI Skid Mount pump unit	Approved	11.2.12
2	5.16.13	Use of additional existing roads, use of a track-mounted excavator, ability to shift small to medium sized boulders and use of a chain-saw or similar type equipment to trim vegetation	Approved	5.20.13

Representative Photos



Photo 1: Erosion and sediment control devices properly installed in accordance with the SWPPP.



Photo 2: Clearing and grading activities observed within the staked limits of disturbance in accordance with MM BIO-1A.



Photo 3: Temporary 10,000-gallon water tanks installed with proper erosion and sediment control devices in accordance with the Fire Prevention/Protection Plan, NTP-3, and the SWPPP.



Photo 4: ECMs noted that McCain Valley Road is not properly stabilized at the paved entrance/exit in accordance with the SWPPP. Tule Wind LLC is aware of the issue and is working to stabilize the entrance/exit without impeding public access.



BLM Authorized Officer Weekly Report

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Weekly Project Update

Prepared By: David Hochart, DUDEK, 605 Third Street, Encinitas, CA 92024

Reporting Period: 12.19.16 through 12.25.16

Summary

The Bureau of Land Management (BLM) is responsible for overseeing implementation of the mitigation measures (MM) set forth in the *Joint Final Environmental Impact Report/Environmental Impact Statement (FEIR/FEIS)* for the Tule Wind Energy Project. A federal Right-of-Way (ROW) grant (CACA-049698) for the Tule Wind Energy Project was granted by the BLM to Tule Wind, LLC, a subsidiary of Avangrid Renewables, Inc. on April 10, 2010.

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On November 18, 2016, the BLM issued Notice to Proceed (NTP) 3 and 4 to Tule Wind, LLC authorizing clearing and grading activities, and construction and installation of four 10,000-gallon fire tanks, respectively. All construction activities that occurred on BLM-administered land during this reporting period were performed under LNTP-2, NTP-3, and NTP-4. The full text of all issued NTPs and the details of the covered activities can be found on the Tule Wind ECCMP website under the Notice to Proceed section¹.

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¹ <http://tulewindeccmp.com/#NTP>

Site Inspections, Mitigation Monitoring, and Compliance

Preconstruction activities were observed to verify implementation of the measures stipulated in the project's ECCMP and conditions included in LNTP-2 and NTPs 3 and 4 as they pertain to current activities. ECMs documented observations on daily site inspection forms and reviewed applicable mitigation measures. The following compliance activities were observed by third party ECMs on site during preconstruction activities:

Construction Activities

Cacti salvage activities authorized under LNTP-2 were completed on November 30, 2016. The cacti are currently being stored on-site within multiple staked and flagged Environmentally Sensitive Areas. The cacti are anticipated to be temporarily planted in the ground, in a secured on-site restoration yard until they can be re-planted post-construction.

On Saturday, December 12, 2016 four 10,000-gallon temporary water tanks were installed along McCain Valley Road in accordance with the Fire Prevention/Protection Plan and NTP-3. With the installation of the four 10,000-gallon temporary water tanks, clearing and grading activities on land administered by the BLM were authorized to proceed.

During this reporting period, grading and clearing activities continued along the H string and G string access roads as well as temporary staging areas in accordance with NTP-4. Crews also continued to install erosion and sediment control devices.

On December 20, 2016 the temporary water tanks were drained and temporary fencing was installed at the entrances of construction roads to prepare for the suspension of construction activities during the holiday break between December 20 and January 3, 2017. Minimal construction activities are anticipated to occur during this period including maintenance and repair of erosion and sediment control devices.

Cultural Resources

Cultural monitors were present to monitor clearing, grading, and the installation of erosion and sediment control devices in accordance with mitigation measure CUL-1d. ECMs observed cultural resource monitors staking ESAs in accordance with MM CUL-1a.

Biological Resources

Biological monitors were present to monitor clearing, grading, and the installation of erosion and sediment control devices in accordance with mitigation measure BIO-1c.

Stormwater Pollution Prevention Plan (SWPPP) (MM HYD-1)

ECMs observed the proper installation of erosion and sediment control devices including straw wattles and silt fencing. Erosion and sediment control devices were being installed per the specifications provided in the grading plans and in accordance with the SWPPP.

On Wednesday, December 21, 2016 during a rain event, a straw wattle (erosion control device) along McCain Valley Road was not effective, resulting in stormwater and sediment flowing through an ESA. The ESA was evaluated by resource specialists and BLM's third-party monitor. Both the resource specialists and the third-party monitor concluded that the resources were not impacted from the incident. Additional erosion and sediment control devices will be installed to prevent project runoff in accordance with MM HYD-1 during the upcoming reporting period.

Dust Control Plan Implementation (MM-AQ-1; AIR-3)

ECMs observed dust control best management practices being implemented including limiting vehicle idling times to a maximum of five minutes, maintaining traffic speeds at or below the 15 mile per hour speed limit, and watering active areas of construction at least three times per day in accordance with ROW Grant Stipulation 9 and the Dust Control Plan.

Fire Prevention/Protection Plan Implementation (MM-FF-1; MMBio-1f)

ECMs observed required fire equipment and best management practices on the project site during preconstruction activities, including vehicles with required fire suppression equipment and vehicles parked in areas with no vegetation. ECMs ensured crews were made aware of the requirements for having 3A, 40BC fire extinguishers, 5-gallon backpack pumps, and shovels. Fire patrols occurred on a regular basis one hour after the end of daily construction and ECMs observed a fire patrol monitoring clearing activities along the G string in accordance with MM FF-1.

Construction Activities Schedule:

- Minimal construction activities including erosion and sediment control device maintenance and repair are anticipated during the holiday break of December 20 through January 3, 2017.

Potential Delays to the Online Date of the Project

- None.

Notice to Proceed

NTP No.	Date Issued	Project Component	Conditions Included (Y/N)
1	9.17.12	Geotechnical Activities per MM-Geo-3 - turbine borings - met tower borings - soil test pit exactions - visual examination - completion of Multichannel Analysis of Surface Waves (MASW) and seismic refraction testing at up to 15 percent of the turbine locations - thermal resistivity sample collection at approximately six locations - electrical resistivity testing at approximately six locations	Yes
2	10.12.16	Preconstruction activities as follows - disturbance limit staking and limited vegetation clearing - staking of ESAs - removal of weeds in accordance with the HRP - cacti salvage - pickup truck and ATV use of BLM access routes authorized under the Eastern San Diego County Resource Management Plan (2008)	Yes
3	11.18.16	Clearing and grading activities as follows - vegetation clearing (site clearing and grubbing) - grading work and blasting (as-needed) associated with the access road - equipment staging and laydown yard/staging areas - foundation excavation and blasting (as-needed)	Yes
4	11.18.16	Construction activities for four 10,000-gallon fire tanks including - site surveying - vegetation clearing and grading - footing excavation - turnout construction - forming the tanks - installation of reinforced steel - pouring footing, slab, and walls - backfill and final grading	Yes

Variance Requests

Variance Request No.	Submitted	Description	Status	Approval Date
1	10.26.12	Use of one Type II Water Tender and one Type III Engine in-lieu of a Type VI Skid Mount pump unit	Approved	11.2.12
2	5.16.13	Use of additional existing roads, use of a track-mounted excavator, ability to shift small to medium sized boulders and use of a chain-saw or similar type equipment to trim vegetation	Approved	5.20.13

Representative Photos



Photo 1: Clearing and grading activities observed within the staked limits of disturbance in accordance with MM BIO-1A.



Photo 2: Water trucks observed applying water ahead of clearing activities in accordance with MM AIR-3.



Photo 3: ECMs observed a Fire Patrol monitoring the clearing activities along the G line in accordance with MM FF-1.



Photo 4: Temporary fencing installed to discourage unauthorized use of construction roads during the holiday break.

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