

# Kings Point Wind Project

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*Barton, Dade, Jasper and Lawrence Counties, Missouri*



*Project Progress Report No. 16*

*November 2020*

**\*\*Indicates Confidential\*\***

**\*HC\*Indicates Highly Confidential\*HC\***

*Empire District  
602 S. Joplin Ave.  
Joplin, MO 64802*

# Kings Point Wind Project

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## Project Progress Report No. 16

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*November 2020*

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## 1.0 Summary

The focus of efforts during November was turbine erection. As of the end of the month, twenty-three turbines have been topped out, and the EPC contractor has submitted thirteen turbine mechanical completion certificates. The completion of deliveries is nearing, as the last of the turbine components were delivered to the Parson, Kansas railhead this month. The project team has also reviewed a recent proposal by the U.S. Fish and Wildlife service to pursue an 10a1a recovery permit for the gray bat and has seen some potential value in this alternate approach to an incidental take permit. In the short term, both permits will be pursued until a final decision is reached on which provides most value to the project. There were three near misses, one first aid incident, and two property damage incidents on the project this month. The project continues to evaluate impacts of turbine delivery delays, and future reports will include updated information as it is received.

## 2.0 Safety

As of November 30<sup>th</sup>, 2020, there are 197 personnel on site, and cumulative man-hours worked are 305,084. There has been one OSHA-recordable incident to date. The project reports the following safety incidents for the month of November:

Period	Near Miss	Property Damage	First Aid	OSHA Recordable
<b>November 2020</b>	3	2	1	0
<b>To Date</b>	13	47	13	1

Near miss:

- An alignment pin left behind by the manufacturer fell from the M3/top deck to the M2/M3 deck. No team members were below when it fell but were exposed to risk as they were working in the tower earlier. The EPC contractor issued a safety standdown and re-inspected all remaining tower sections that remained at ground level. The EPC contractor issued a safety bulletin to increase awareness, and the turbine supplier has contacted the manufacturer so that they can implement procedures to prevent tools left behind causing a hazard at the site.
- Tools left in the base and top section of T-60 resulted in a second near miss, which was also communicated to the turbine supplier so that the manufacturer could be notified.
- EPC team members were straightening the 400 V cable at the M1/M2 deck, when the plugs came apart and the cable fell to the base/M1 deck. The foreman retrained the team members on how to tie the proper knot to prevent plugs from coming apart.

Property damage:

- While stabbing blades on T-29, the blade studs made contact with the nacelle. The nacelle face was punctured below and to the left of the main bearing.
- The turbine mechanical completion crew discovered a damaged ladder rung in T-58.

First aid:

- An EPC team member slipped inside a tower section that was oriented horizontally at ground level (presenting a curved walking surface). The slip resulted in a twisting force on the team member's knee. First aid was administered by the onsite medic.

Mortenson has continued to revise its site-specific coronavirus plan, as required. There were no new cases in November.

### 3.0 Project Schedule

The project schedule has been impacted in part by delays in manufacturing of towers in India and Malaysia due to the public health emergency. At the time of this report, all remaining components have been delivered to the railhead in Parsons, Kansas; however, the impact to the project cost and schedule is not yet fully known. The project has responded to Vestas' notices requesting additional information and further details. The project continues to meet with Vestas on a regular basis to discuss transportation of turbine components and the impact on the schedule for completion. The anticipated substantial completion date is in March 2021. Forward risk to erection and completion schedules remains if additional delivery delays occur and/or future weather conditions are worse than expected.

For detailed schedule information, refer to the monthly progress report from Solas in the Appendices to this report.

## 4.0 Development Activities

With the exception of wildlife permitting and interconnection, development activities are nearly complete for Kings Point. Both of those development activities are expected to be completed within the first year of commercial operation.

In September, the U.S. Fish and Wildlife Service (USFWS) approached Empire about pursuing a 10a1a recovery permit for the gray bat. This permit has a short term relative to the 30-year incidental take permits commonly sought by wind projects. USFWS believes this approach will provide the project with coverage sooner than under an incidental take permit, which is the permit that the project is currently pursuing, and that the recovery permit will provide invaluable information about the interaction between the gray bat and wind farms. This information, which does not currently exist, will be collected under a study plan proposed by the applicant and approved by USFWS. This data is important to the continuing recovery of the species, especially as wind turbine technology improves, making development of wind farms more commonplace within the gray bats' range. The recovery permit would be an intermediary step on the path to an incidental take permit for the project. Upon evaluation of the proposed approach, it does appear to have some benefit to the project. The project will pursue both paths temporarily until Empire and tax equity investors agree on the ultimate path forward.

On the topic of interconnection, the major activities for the month of November were review of the interconnection study Phase 1 results and satisfaction of the requirements to proceed to Phase 2 of the study.

## 5.0 Construction Activities

This is the status of construction activities as of the end of November:

- Access road construction complete.
- All turbine foundations placed and backfilled.
- Electrical activities:
  - Collection system installation complete.
  - Substation:
    - Construction, testing, and commissioning completed.
    - Energized on November 18<sup>th</sup>.
  - Generation tie line:
    - Construction and testing completed.
    - Energized November 17<sup>th</sup>.
- Erection:
  - Continued offloading of turbine components.
  - First turbine topped out on September 30<sup>th</sup>.
  - 23 turbines topped out.
  - 13 turbine mechanical completion certificates have been submitted.
- Restoration:
  - Restoration activities commenced.
- Other:
  - Permanent met tower commissioning completed.

The following major construction activities are planned for December:



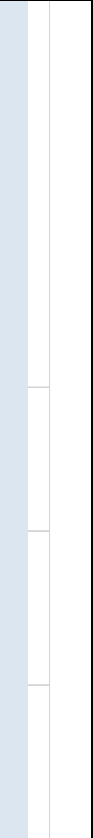




- Collection system:
  - Energize 2 of 6 collection circuits.
- Turbine erection:
  - Complete receiving and offloading of turbine components.
  - Continue turbine erection.
  - Continue turbine mechanical completions.
- Commissioning:
  - Begin commissioning completed turbines.
- Restoration:
  - Continue all restoration activities.
- Other:
  - Complete permanent met tower punchlist.

Construction issues identified:

- None.

## 6.0 Project Cost Report

Expenditures during November totaled \*\* \_\_\_\_\_ \*\*. The majority of expenses for the month were for labor and for professional services provided for permitting and tax equity investors' due diligence. Project expenditures to date are \*\* \_\_\_\_\_ \*\* of the total budgeted expenditure of \*\* \_\_\_\_\_ \*\*. The current estimate at completion is \*\* \_\_\_\_\_ \*\*. The major drivers of this variance are increases in the Purchase and Sale Agreement Annex 1 costs, specifically those for schedule maintenance and for construction of access roads and the generation tie line. These are partially offset by a substantial favorable variance in interconnection costs.

 				<b>Kings Point *HC*Highly Confidential in its Entirety*HC*</b>	
					
					



## 7.0 Progress Photos



Picture 1. Removing generation tie line grounds prior to energization.



Picture 2. Crane walking to the next turbine site.



Picture 3. Setting a turbine nacelle to commence top out.

## 8.0 Appendices



# Kings Point Wind



## Monthly Construction Report

November 2020



View from T-25

Barton, Jasper, Dade and Lawrence Counties, Missouri




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### Attachments

Attachment 1:	Contractor Monthly Report
Attachment 2:	Turbine Supplier Monthly Report



## **Section 1**

### **Monthly Construction Summary**

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#### **INTRODUCTION**

Construction of the Kings Point wind project (the “Project”), located in Barton, Jasper, Dade & Lawrence Counties, Missouri, began on February 10, 2020. The 149.4 MW name plate capacity Project is comprised of the following major elements:

- 12 – Vestas model V110 2.0 MK10C 120-meter hub height wind turbine generators
- 57 – Vestas model V120 2.2 MK11D 122-meter hub height wind turbine generators
- Site clearing, project string roads, crane paths and turbine pads
- 69 spread-footer wind turbine foundations, four design types
- 34.5 kV collector system
- 15.3 mile 161kV transmission system
- 161kV/34.5kV substation with a 99/132/165 MVA main power transformer
- Operations & Maintenance Building

The Balance of Plant (“BOP”) Contractor for the Project is M.A. Mortenson Company (“Mortenson”) of Minneapolis, MN. Mortenson is responsible for the entire scope of the balance of plant including site/civil, collection system, transmission line, met tower, turbine foundations, turbine erection, operations and maintenance building and the project substation excluding the purchase of the main power transformer. Mortenson is responsible for transformer offloading, installation, dress out, testing and commissioning at the Project site. Under the Turbine Supply Agreement (“TSA”) with Vestas-American Wind Technologies, Inc. (“Vestas”) the wind turbines are scheduled to be delivered to the Project Site beginning in May 2020, to be off-loaded, erected and mechanically completed by Mortenson. Vestas will assume responsibility for the units at mechanical completion and will then commission the units and turn them over to the owner.

Solas Energy Consulting US, Inc. (“Solas”) is performing the Project on-site construction management as the owner’s representative.


#### **SUMMARY**

##### Safety:

The Kings Point Wind Project is up to 305,084 total manhours worked. There were 197 personnel onsite as of November 30, 2020. During the month of November, under the BOP contract, there was one first aid incident, three near misses, no recordables, zero lost time, two property damage incidents, and one offsite incident. Under the TSA, there were no first aids, no near misses, no recordables, zero lost time, and no property damages.

The BOP first aid incident was a Team Member that slipped and twisted their knee inside a tower section while flipping ladder bolts that were installed incorrectly, first aid was administered by the onsite medic.

The first BOP near miss incident was at T-46, an alignment pin (from manufacturer) fell from M3/top deck and landed on M2/M3 deck. No Team Members were below, but they had been exposed to the falling object



hazard while working in the tower. This near miss prompted a safety standdown and all remaining tower sections that were on the ground were reinspected for this hazard. Mortenson also issued a safety bulletin to increase awareness across the group, and Vestas has been in contact with the manufacturer so they can implement additional procedures to check for tooling prior to components leaving the factory. A loose retractable blade and loose wrench found in the base and top sections of T-60 accounted for a second near miss, this was also communicated to Vestas. The third near miss happened while straightening the 400v cable at the M1/M2 deck, the plugs came apart resulting in the cable falling to the Base/M1 deck. The Foreman instructed the crew on the proper knot to tie cords, so they do not come apart.

The first BOP property damage incident happened at T-29, while stabbing blades the blade studs made contact with the nacelle puncturing the nacelle face on the bottom left of the main bearing. The second property damage was at T-58, the MCC crew discovered a damage ladder rung.

BOP had one non-work related incident, a team member struck a deer while driving into work. The front grill and bumper of the vehicle was damaged, the driver was not injured.

#### Environmental:

There was one environmental incident in November. The incident was at T-32 while erecting blades with an MLC 650 crane, a hydraulic line on the crane burst causing a spill of approximately 20 gallons. The team collected the contaminated soil using spill kits and put them in 5-gallon drums which will be removed from site.

#### Project Progress

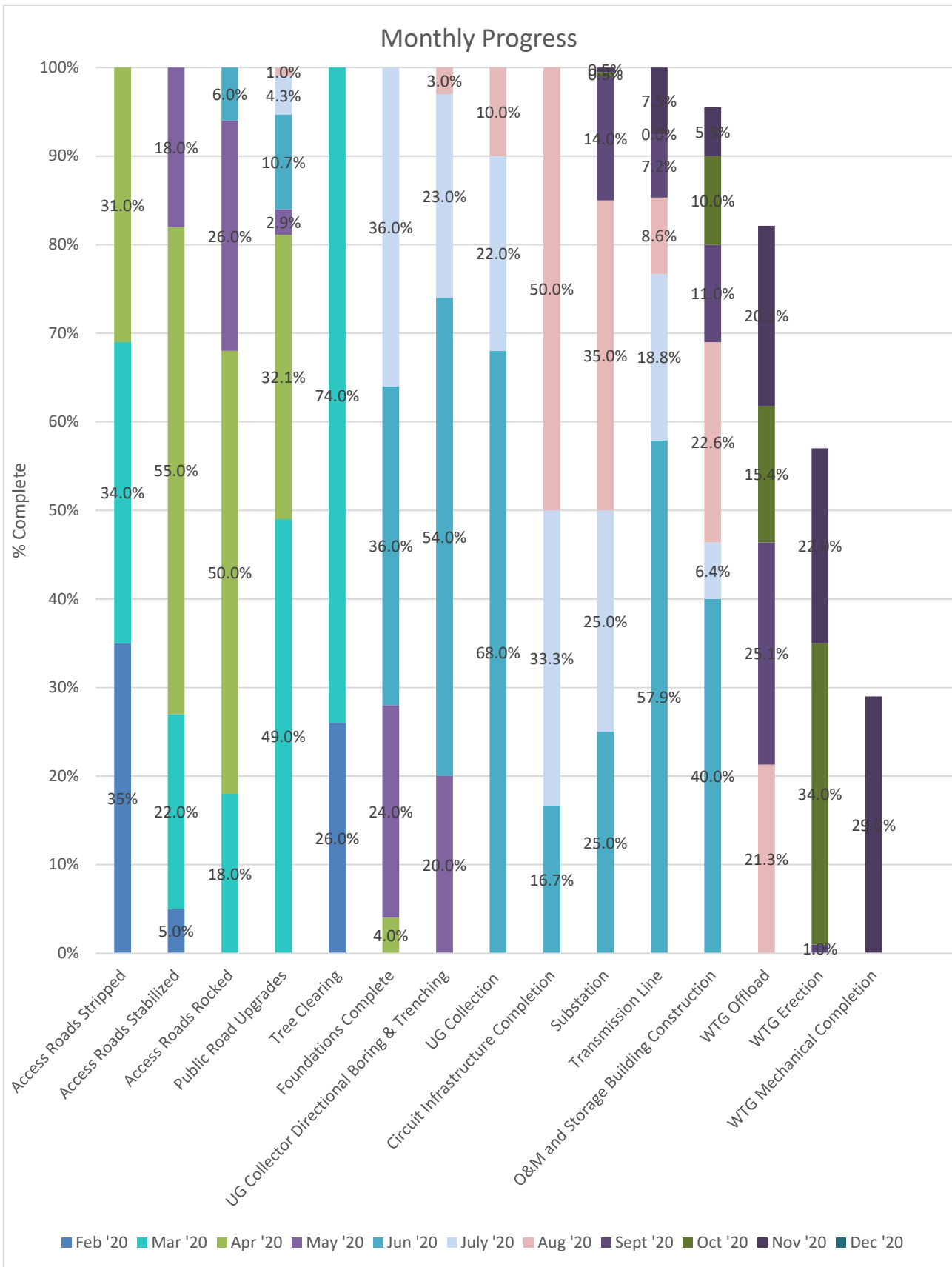
Major work completed this period:

- Continued construction of the O&M building and additional storage building.
- Sagging and clipping of the OPGW was completed.
- Completed substation testing and commissioning. Substation was energized.
- Continued delivery and offloading of turbine components.
- Continued erection of base and lower mid sections.
- Continued top out erection of 23 towers.
- Tower wiring has completed in 21 turbines.
- Number of turbines mechanically complete – 20

Major work planned for next period:

- Complete delivery and offloading of turbine components.
- Continue erection of base and lower mid sections.
- Continue top out erection of towers.
- Begin commissioning on completed towers.
- Complete construction of the O&M building and additional storage building.
- Energize 2 of 6 collection system circuits.

See below status snapshot capturing work accomplished through November 30, 2020. Additional information is provided in Mortenson's monthly report for November, presented in Attachment 1.





**Section 2**  
**Construction Budget Status/Variations - (JV)**

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<b>Kings Point Wind Project Construction Budget Status (From Base Model) *HC*Highly Confidential in its Entirety*HC*</b>			

Budget Comments:

There were no BOP Change Order approved during the month of November.

There were no TSA Change Orders approved during the month of November.

Draw 11 was funded on December 1<sup>st</sup>. Draw 12 is being submitted mid-December 11<sup>th</sup> and is anticipated to fund prior to the Holiday.

Change Orders:

BOP Contractor - Mortenson

Change Orders approved during the month: \$ 0

Change Orders approved from financing to date: \*\* \_\_\_\_\_ \*\* (CO#1, CO#2, CO#3 & CO#4)

Turbine Supplier - Vestas

Change Orders approved during the month: \$ 0

Change Orders approved from financing to date: \*\* \_\_\_\_\_ \*\* (CO#1)



### Section 3

## Schedule Variations/Milestone Schedule Update

Schedule	Target Dates	Actual Date	Notes
Turbine Supplier - FNTF	October 15, 2019	October 15, 2019	
EPC – FNTF	January 30, 2020	January 30, 2020	
Owner - Interconnect Back Feed Provided to EPC Scope	February 3, 2020	February 10, 2020	
EPC - Mobilization	February 10, 2020	February 10, 2020	
Turbine Supplier - Mobilization	April 27, 2020	May 11, 2020	
Turbine Supplier – Earliest delivery of Components/Containers/Tooling	April 27, 2020	July 16, 2020	
Owner - MPT Delivery	May 25, 2020	May 26, 2020	
Turbine Supplier - Guaranteed Delivery of Group 1 - (8) V110	May 30, 2020	September 28, 2020	
Turbine Supplier - Guaranteed Delivery of Group 2 - (4) V110 & (6) V120	June 6, 2020	September 30, 2020	
Turbine Supplier - Guaranteed Delivery of Group 3 - (10) V120	June 13, 2020	October 7, 2020	
Turbine Supplier - Guaranteed Delivery of Group 4 - (10) V120	June 20, 2020	October 12, 2020	
EPC - Guaranteed First Collection Circuit Completion – Circuit 11B	June 25, 2020	June 25, 2020	<i>EPC Guarantee Dates are reflective of CO1</i>
EPC - Guaranteed Second Collection Circuit Completion – Circuit 12B	June 26, 2020	July 18, 2020	<i>Late Completion Notice sent to Mortenson</i>
Turbine Supplier - Guaranteed Delivery of Group 5 - (10) V120	June 27, 2020	November 4, 2020	
EPC - Guaranteed Third Collection Circuit Completion – Circuit 12A	June 30, 2020	July 18, 2020	<i>Late Completion Notice sent to Mortenson</i>
EPC - Guaranteed Fourth Collection Circuit Completion – Circuit 13A	July 3, 2020	August 4, 2020	
Turbine Supplier - Guaranteed Delivery of Group 6 - (8) V120	July 4, 2020	November 7, 2020	
Turbine Supplier - Guaranteed Delivery of Group 7 - (10) V120	July 11, 2020	November 17, 2020	
Turbine Supplier - Mechanical Completion Group 1 - (6) WTG's	July 11, 2020	November 18, 2020	<i>T-65, T-51, T-62, T-67, T-58, T-53</i>
Owner – Guaranteed network connection (T1) (Turbine Supplier)	July 13, 2020		
Owner – Guaranteed back feed power date (Turbine Supplier)	July 13, 2020		
EPC - Guaranteed Fifth Collection Circuit Completion – Circuit 13B	July 16, 2020	August 14, 2020	
Turbine Supplier - Guaranteed Delivery of Group 8 - (3) V120	July 18, 2020	November 30, 2020	
Turbine Supplier - Mechanical Completion Group 2 - (6) WTG's	July 18, 2020	December 5, 2020	<i>T-36, T-56, T-47, T-34, T-30, T-44</i>

Turbine Supplier – Commissioning Completion Group 1 - (6) WTG's	July 18, 2020		
EPC - Guaranteed Sixth Collection Circuit Completion – Circuit 11A	July 20, 2020	August 21, 2020	
Turbine Supplier - Mechanical Completion Group 3 - (6) WTG's	July 25, 2020		T-55, T-26
Turbine Supplier – Commissioning Completion Group 2 - (6) WTG's	July 25, 2020		
Turbine Supplier - Mechanical Completion Group 4 - (6) WTG's	August 1, 2020		
Turbine Supplier – Commissioning Completion Group 3 - (6) WTG's	August 1, 2020		
Turbine Supplier - Mechanical Completion Group 5 - (6) WTG's	August 8, 2020		
Turbine Supplier – Commissioning Completion Group 4 - (6) WTG's	August 8, 2020		
Turbine Supplier - Mechanical Completion Group 6 - (6) WTG's	August 15, 2020		
Turbine Supplier – Commissioning Completion Group 5 - (6) WTG's	August 15, 2020		
Turbine Supplier - Mechanical Completion Group 7 - (6) WTG's	August 22, 2020		
Turbine Supplier – Commissioning Completion Group 6 - (6) WTG's	August 22, 2020		
EPC - Guaranteed First Mechanical Completion Group	August 24, 2020	November 7, 2020	T-62, T-51, T-67, T-65, T-31, T-58
Turbine Supplier - Mechanical Completion Group 8 - (6) WTG's	August 29, 2020		
Turbine Supplier – Commissioning Completion Group 7 - (6) WTG's	August 29, 2020		
EPC - Guaranteed Second Mechanical Completion Group	September 1, 2020	November 21, 2020	T-53, T-56, T-47, T-34, T-30, T-55
EPC – Guaranteed Third Mechanical Completion Group	September 3, 2020	December 3, 2020	T-44, T-29, T-50 T-26, T-39, T-25
Turbine Supplier - Mechanical Completion Group 9 - (6) WTG's	September 5, 2020		
Turbine Supplier – Commissioning Completion Group 8 - (6) WTG's	September 5, 2020		
EPC - Guaranteed Fourth Mechanical Completion Group	September 9, 2020		T-33, T-46
Turbine Supplier - Mechanical Completion Group 10 - (6) WTG's	September 12, 2020		
Turbine Supplier – Commissioning Completion Group 9 - (6) WTG's	September 12, 2020		
EPC - SCADA Room Completion	September 17, 2020		<i>Pending delivery of VOB by Turbine Supplier</i>
EPC - Guaranteed Fifth Mechanical Completion Group	September 18, 2020		
Turbine Supplier - Mechanical Completion Group 11 - (6) WTG's	September 19, 2020		
Turbine Supplier – Commissioning Completion Group 10 - (6) WTG's	September 19, 2020		

EPC - Guaranteed Sixth Mechanical Completion Group	September 25, 2020		
Turbine Supplier - Mechanical Completion Group 12 - (3) WTG's	September 26, 2020		
Turbine Supplier – Commissioning Completion Group 11 - (6) WTG's	September 26, 2020		
EPC - Guaranteed Seventh Mechanical Completion Group	October 2, 2020		
Turbine Supplier – Commissioning Completion Group 12 - (3) WTG's	October 3, 2020		
EPC - Interconnection Facility Completion	October 8, 2020		
EPC - Guaranteed Eighth Mechanical Completion Group	October 9, 2020		
EPC - Guaranteed Ninth Mechanical Completion Group	October 20, 2020		
Turbine Supplier – SCADA Commissioning Complete	October 26, 2020		
Turbine Supplier – Punchlist Complete / Final Completion	October 26, 2020		
EPC - Guaranteed Tenth Mechanical Completion Group	November 2, 2020		
EPC - Guaranteed Eleventh Mechanical Completion Group	November 10, 2020		
EPC - Guaranteed Twelfth Mechanical Completion Group	November 19, 2020		
EPC – Substantial Completion	December 5, 2020		<i>Anticipated COD</i>
Owner - Commercial Operation Date	July 1, 2021		<i>Start of Hedge Term</i>
EPC – Final Completion	"Upon satisfaction of all of the requirements set forth in Section 7.1 of the BOP Contract"		

## *Section 4*

### *Transmission/Interconnect Update*

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The point of interconnect is Transmission Owner's Sub 382 161kV bus at the LaRussell Energy Center in Jasper County, MO.

As built documentation commenced in April. There is one heater that must be replaced in the PT Junction box and some labels that need to be modified. Once the Kings Point T-line has been constructed, mobilization back to the site will happen to make the connection of the line to the station and terminate the ADSS Fiber and the heater will be replaced at that time.

Accounting reconciliation is in process; we anticipate that Empire District Electric will issue a settlement invoice as a credit to the Project Company.

New SEL-3555 Real-Time Automation Controller (RTAC) unit to be installed per requirement anticipated to be in full GIA. Burns & McDonnell has been engaged to purchase, install & configure RTAC scope, to be completed the first of the year.



## *Section 5*

### *Delivery Status of Equipment*

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WTG main component deliveries began on August 3<sup>rd</sup> with deliveries of hubs, nacelles and blade sets. Tower section deliveries began week 38. All hubs, nacelles and blade sets have been delivered to site. Forty-nine towers remain to be delivered. All tower sections have arrived at Parson's railhead for delivery to site.



**Section 6**  
**Job Progress Photos**



**MET Tower**



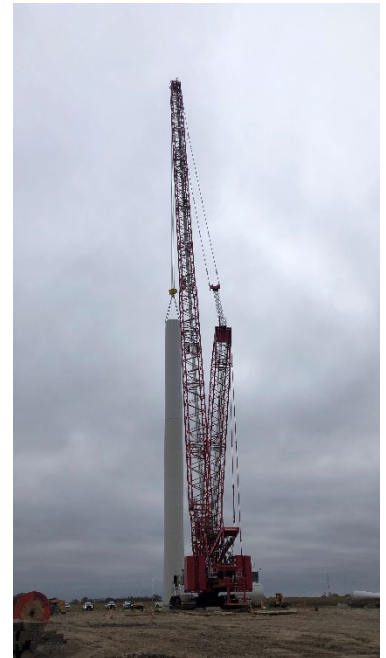
**Blade offload**



**Base Erection**



**Crane Build**



**Tower Erection**



**MV Cabling**



**Liberty learning about splices**

***Attachment 1***  
***Contractor Monthly Report***

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*See attached*







Wind Energy Group



# Kings Point Wind Project

## Monthly Progress Report

November 2020

Meeting Date: December 10, 2020



Revision V1.2

12/8/2020



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- Exhibit A – ASTA Schedule Overview
- Exhibit B – ASTA 3 Week Look Ahead Schedule
- Exhibit C – Progress Map
- Exhibit D – Open RFI Log
- Exhibit E – Open Submittal Log
- Exhibit F – Cost Issue Log
- Exhibit G – Permit Matrix
- Exhibit H – Safety Reports
- Exhibit I – Environmental Reports
- Exhibit J – Owner Goals



## PROJECT DESCRIPTION

The Kings Point Project is a nominal 149.4 megawatt wind energy project using a quantity of 57 Vestas V120-2.2 Mk11D Wind Turbines (122m hub height) and 12 Vestas V110-2.0 Mk10C Wind Turbines (120m hub height) located in Jasper, Barton, Dade and Lawrence Counties in the state of Missouri. The project consists of constructing, installing, and commissioning 69 Vestas wind turbines, 33 miles of roadways, installation of turbine foundations, collection system, a 161kV substation, 15 miles of transmission line and support facilities.

## EXECUTIVE SUMMARY

November was the first month of the project that started off with all erection activities already in motion. Despite the project experiencing 2.93" of rain and 16 wind/weather events the team successfully topped out 11 towers and completed 14 walkdowns. The team also completed blade offload and Cooler Top installation activities. We look forward to closing out additional front-end activities and WTG component offload in December as well as turnover towers with minimal Punchlist items.

The transmission line crews remobilized to site at the beginning of the month to finish out the T-Line. The work was completed, and the line was successfully energized on the 17<sup>th</sup>. The substation was sequentially energized the following day to mark the interconnection completion for the project.

The Met tower was dressed out, the pad was rocked, and fence was installed. Met tower turnover will occur next month. O&M completion activities continued with the garage door being installed, perimeter fence install, bollards, etc. The team will perform a final clean and walkdown in December once the VOB arrives and the SCADA room is complete.

*Note, all quantities within Report are as of 11/30/2020 and inclusive of all 2020 work activities, unless otherwise specified.*



## SAFETY

### POINTS OF EMPHASIS

Safety orientations continued for all Kings Point team members, subcontractors and customer representatives. Seven hundred eighty-two (782) team members have gone through First Hour safety orientation. Three hundred fifty (350) team members have gone through Second Hour orientations.

With the weather getting colder, the project team has continued to emphasize key safety points for working in the cold. Messages such as defrosting windshields before driving, working in slick conditions, and dressing appropriately are all emphasized each day as the project transitions into winter.

Additional loose tools/objects staged from the factory were discovered in various tower sections. While this issue was discovered previously, additional focus was placed on this in November due to its potential severity. With help from Solas and Vestas, a full site audit was conducted for tower sections on the ground. The team produced a safety bulletin to increase awareness across the group.

The team continues to stress the importance of diligent COVID practices both on and off the job site. Added emphasis was placed before and after the Thanksgiving holiday. With cases increasing all over the country, the importance of maintaining social distancing continues to grow. Additionally, Mortenson wind as a group is refining our policy for holding everyone accountable for the policies already in place.

### COMPLETED TRAININGS

- 1<sup>st</sup> Hour Orientation
- 2<sup>nd</sup> Hour Orientation
- Top Driver
- Spotter Training
- Pre-Task Planning
- Hazard Communication
- Missouri State Flagger Certifications
- Trucker Orientation
- Crane Walk/Escort Policy
- Fall Protection



#### FIRST AID INCIDENTS

- 11/11: Team member slipped and twisted their knee while working in a tower section on the ground.

#### RECORDABLE INCIDENTS

- None

#### PROPERTY DAMAGE

- 11/11: While stabbing blades, the blade studs made contact with the nacelle and damaged the fiber glass.
- 11/12: The MCC crew discovered a damaged ladder rung from a previous day of work.

#### NEAR MISS

- 11/16: While adjusting the 400V cable at the m1/m2 deck, the cord ends came apart and the cable fell to the base/m1 deck.
- 11/17: An alignment pin left from the Vestas factory fell from below the M3/Top deck to the M2/M3 deck. No team members were present below the M3/Top deck when the pin fell.
- 11/30: A loose retractable blade was found in a base section, and a loose wrench was found in the top section of T-60 prior to erection. (Haz-Rec)

#### UNPLANNED DISRUPTION

- None

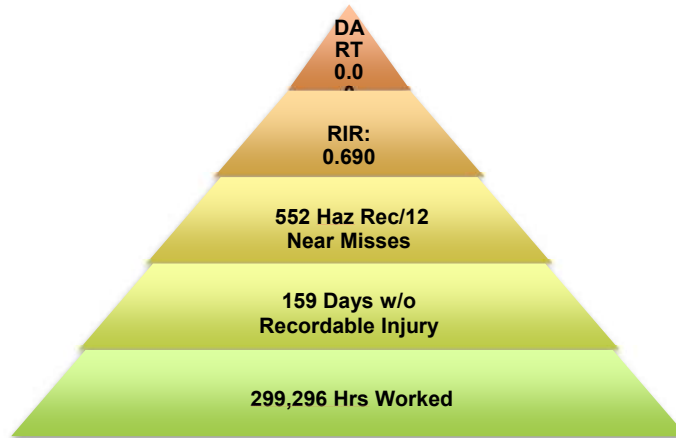
#### NON WORK-RELATED INCIDENT

11/11: Team member struck a deer while driving into work.



## Project Man Hours & Safety Statistics

TABLE 1: SAFETY STATISTICS – NOVEMBER – 2020



\*RIR – A recordable incident is a work-related illness and any injury, which results in: loss of consciousness, restriction of work or motion, transfer to another job, or requires medical treatment beyond first aid.

\*\*DART – The days away, restricted, or transfer case incident rate (DART) is the number of Lost Time and Restricted cases.

TABLE 2: MAN HOURS AS OF 11/30/20

CONTRACTOR	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	TOTAL
Mortenson - BOP	1,317	2,917	4,475	1,968	2,656	2,795	3,247	8,876	19,195	22,318	69,764
Mortenson - Power	437	590	773	701	6,552	2,724	5,295	4,243	1,276	1,781	24,372
Mortenson - Civil	2,821	7,005	9,294	9,394	10,990	6,354	3,255	3,255	2,338	2,109	56,815
KDF	552	1,000	384	0	0	0	0	0	0	0	1,936
MidCentral	530	2,658	2,197	933	3,753	3,864	1,773	1,545	645	996	18,894
MidCentral (Civil)	0	0	0	568	1,997	1,833	770	554	240	40	6,002
Rock Solid	216	339	1,450	360	0	0	0	0	0	0	2,365
Jim River Fencing	216	258	96	231	0	55	0	0	0	0	856
Solas	315	791	708	849	918	984	1,223	1,187	1,275	1,197	9,447
Stantec	456	1,545	616	349	268	253	180	120	31	8	3,826
HV Occupational	0	171	287	252	268	273	265	245	294	291	2,346
Chambers Security	0	198	371	380	372	390	387	362	370	375	3,205
Team Services	0	400	616	664	880	960	240	250	250	250	4,510
Titan	0	0	0	0	509	899	594	684	272	317	3,275
Rumler Rebar	0	273	2,219	2,116	2,284	885	0	0	0	0	7,777
Ozark Ready Mix	0	853	2,967	3,854	3,225	1,466	0	0	0	0	12,365
SubSurface	0	0	0	406	198	0	0	0	0	0	604
Spider Plow	0	0	0	1,542	3,895	2,480	2,376	345	0	0	10,638
Ellingson	0	0	0	2,689	2,515	5,134	63	0	0	0	10,401
Barrett	0	241	341	505	633	206	0	0	0	0	1,926
Terracon (SWPPP)	0	22	22	22	22	22	17	22	22	22	193
APAC	0	0	983	1,620	1,707	772	880	178	0	53	6,193
Capital Trucking	1,151	1,363	1,730	1,622	1,674	383	235	59	162	117	8,496
Spencer Blasting	0	0	20	232	426	0	0	0	0	0	678
Kuesel Stabilization	0	0	0	127	248	152	226	0	0	125	878
Capital Electric	0	0	0	0	2,762	2,159	3,412	4,384	274	1,654	14,645
True Grit	0	0	0	0	0	0	0	72	176	150	398
Northern Contractors	0	0	0	0	0	0	0	443	0	0	443
RESA	0	0	0	0	0	0	0	0	165	110	165
Vikor	0	0	0	0	0	0	0	0	530	0	530
ASB Energy	0	0	0	5,599	4,671	3,046	2,039	0	0	0	15,355
<b>PROJECT TOTAL</b>	<b>8,011</b>	<b>20,624</b>	<b>29,549</b>	<b>36,983</b>	<b>53,422</b>	<b>38,089</b>	<b>26,477</b>	<b>26,824</b>	<b>27,515</b>	<b>31,913</b>	<b>299,296</b>



TABLE 3: HAZARD RECOGNITION STATISTICS AS OF 11/30/20

Haz Rec/Near Miss Cards											
	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Total
Ladders	0	0	0	0	0	0	0	1	0	0	1
Electrical	0	0	0	0	2	3	0	2	0	1	8
Vehicles	7	12	19	17	13	9	9	5	5	12	108
Unsafe Act	0	3	7	8	8	7	12	15	2	8	70
Struck By/Against	0	0	0	5	8	0	0	0	0	1	14
PPE	0	10	8	7	4	1	7	6	3	3	49
Walking/Working Surfaces	3	4	5	3	2	0	3	2	3	3	28
Fall Protection	0	1	0	0	0	0	2	1	3	1	8
Suspended Loads	0	1	0	0	0	0	0	1	0	1	3
Roads	0	0	0	0	7	4	2	0	3	0	16
Barricades, Guards, Danger Tape	2	6	13	9	7	6	4	4	11	6	68
Equipment	0	0	0	0	9	4	17	14	5	13	62
Housekeeping	0	1	10	5	7	7	9	9	2	2	52
Rigging	0	0	0	0	0	0	0	0	0	2	2
Wildlife	0	2	1	1	4	3	0	1	0	1	13
General	0	0	0	0	0	5	10	4	9	3	31
Environmental	0	0	1	2	3	3	0	2	0	0	11
Signage	0	0	0	0	0	3	3	0	2	0	8
<b>TOTALS</b>	<b>12</b>	<b>40</b>	<b>64</b>	<b>57</b>	<b>74</b>	<b>55</b>	<b>78</b>	<b>67</b>	<b>48</b>	<b>57</b>	<b>552</b>



## Environmental

### STORMWATER POLLUTION PREVENTION PLAN (SWPPP) UPDATE

All onsite team members, including subcontractors, have been briefed on the policies and procedures of the SWPPP plan. The project team has continued installation of SWPPP BMPs, maintained the inspection schedule with a third party SWPPP inspector. The SWPPP binder is located in the Mortenson office trailer.

- NOI received on 02/07/2020
- Bi-Weekly SWPPP inspections continued, and were performed by Mortenson on 10/6/2020, 11/11/2020, 11/18/2020, and 11/25/2020. All of the inspection report PDFs are on Procore in the submittals section.
- All SWPPP redlines will be kept on the ArcGIS platform managed by Mortenson. This acts as a living as-built document to keep the site in compliance with record keeping requirements. This includes all BMP install, removal, and alterations. It also tracks land disturbing activities.

### SPILL PREVENTION, CONTROL, AND COUNTERMEASURE PLAN (SPCC) UPDATE

Mortenson received the finalized SPCC Plan from Westwood on 6/10/2020. The SPCC Plan is kept in the Mortenson construction trailers onsite. Monthly inspections of the fuel containment areas began April 9<sup>th</sup>. The spill log below provides details on the spills reported during November 2020.

### SPILL LOG UPDATE

- 11/28/20 – 650 Crane had hydraulic line leak at site T32. Fluid and contaminated soil were picked up and placed into drums in the haz mat areas.

### MISCELLANEOUS ENVIRONMENTAL

- None





### PRECIPITATION TOTALS

The project received 2.93" of rain in November. Below are the daily accumulation totals recorded onsite.

Date	High (°F)	Low (°F)	Weather Description	Precipitation (in)	Crews Affected	Comments	Monthly Precip Totals (in)
				39.14			
Sunday, November 1, 2020	57.0	34.0		0.00			0.00
Monday, November 2, 2020	67.0	32.0		0.00			0.00
Tuesday, November 3, 2020	76.0	48.0		0.00			0.00
Wednesday, November 4, 2020	77.0	55.0		0.00			0.00
Thursday, November 5, 2020	76.0	52.0		0.00			0.00
Friday, November 6, 2020	76.0	53.0		0.00			0.00
Saturday, November 7, 2020	75.0	50.0		0.00			0.00
Sunday, November 8, 2020	79.0	58.0		0.00			0.00
Monday, November 9, 2020	79.0	61.0		0.00			0.00
Tuesday, November 10, 2020	70.0	33.0		0.00		Lightning Standown 11:30am-2:11pm	0.00
Wednesday, November 11, 2020	57.0	30.0		0.00			0.00
Thursday, November 12, 2020	68.0	32.0		0.00			0.00
Friday, November 13, 2020	54.0	28.0		0.00			0.00
Saturday, November 14, 2020	71.0	52.0	All Day Rain	1.25	All	Lightning Standown 6:10am-7:48am. Evening dangerour thunderstorm / tornado watch	1.25
Sunday, November 15, 2020	57.0	38.0		0.00			1.25
Monday, November 16, 2020	67.0	35.0		0.00	Civil	Saturated Site Conditions	1.25
Tuesday, November 17, 2020	66.0	33.0		0.00			1.25
Wednesday, November 18, 2020	70.0	47.0		0.00			1.25
Thursday, November 19, 2020	74.0	57.0		0.00			1.25
Friday, November 20, 2020	70.0	54.0		0.04			1.29
Saturday, November 21, 2020	55.0	44.0	T-Storms	1.03	Walkdown, Crane build	Lightning Standown 11:58am-2:21pm	2.32
Sunday, November 22, 2020	49.0	37.0		0.00			2.32
Monday, November 23, 2020	53.0	30.0		0.01	Civil , Offload	Saturated Site Conditions	2.33
Tuesday, November 24, 2020	57.0	50.0	Afternoon Rain / T-Storm	0.60	Walkdown, Offload	Saturated Site Conditions	2.93
Wednesday, November 25, 2020	55.0	32.0		0.00	All activities, except up tower work	Saturated Site Conditions	2.93
Thursday, November 26, 2020	62.0	31.0		0.00			2.93
Friday, November 27, 2020	55.0	31.0		0.00			2.93
Saturday, November 28, 2020	55.0	25.0		0.00			2.93
Sunday, November 29, 2020	50.0	32.0		0.00			2.93
Monday, November 30, 2020	42.0	24.0		0.00			2.93

### Wind/Weather Days as of 12/1/2020

Wind/Weather Days		
Crane/Crew	Total Days Claimed	Adjustments to MCC
Main Erection 1	26	10
Main Erection 2	18	2
Main Erection 3	25	9
Base/Mid 1	17	1
Offload	13	0
Blade Roll Crew	9	0



## SCHEDULE AND UPDATE REPORTS

TABLE 4: CONSTRUCTION PROGRESS TOTALS

Activity	Project Total Value	Actual Progress As of 11/30/2020	Project Percent Complete
UG Collection	234,103 LF	234,103	100%
Underground Bore	78 EA	78	100%
Infrastructure Completion	6 EA	6	100%
Circuit Energization	6 EA	0	0%
Fiber Installation	243,103 LF	243,103	100%
Substation	1 EA	1	100%
T-Line Stringing	9 EA	9	100%
T-Line Structures	124 EA	124	100%
O&M Building	1 EA	.94	94%
O&M Storage Building	1 EA	.97	97%
Crane Pad Construction	69 EA	69	100%
Crane Pathways	142,068 LF	142,068	100%
Offload Tower Sections	69 EA	49	71%
Offload Nacelle	69 EA	69	100%
Offload Hub	69 EA	69	100%
Offload Blades	69 EA	69	100%
Set Base/Mid	69 EA	42	61%
Install Hub	69 EA	66	96%
Grout Base Section	69 EA	42	61%
Prep Nacelle (Sentry)	69 EA	60	87%
Top-Out	69 EA	23	33%
Tower Wiring	69 EA	21	30%



MCC	69 EA	20	29%
Walkdowns	69 EA	18	26%
Met Tower	1 EA	.9	90%
Restoration	1 EA	.05	5%

## PROJECT SCHEDULE

- See Exhibit A – ASTA Schedule
- See Exhibit B – ASTA 3 Week Look Ahead Schedule

## MAJOR WORK ACTIVITIES

## CIVIL ACTIVITIES

## PERFORMED IN NOVEMBER

## PLANNED FOR DECEMBER

Public road repairs & maintenance	Public road repairs & maintenance
Crane path installation	Site Restoration
Crane pad stabilization	
Site Restoration	

## ELECTRICAL ACTIVITIES

## PERFORMED IN NOVEMBER

## PLANNED FOR DECEMBER

Circuit VLF Testing	Circuit Energization
Substation Testing and Punchlist	
T-Line Stringing Final Span	
Substation / T-Line Energization	

## ERECTION ACTIVITIES

## PERFORMED IN NOVEMBER

## PLANNED FOR DECEMBER

WTG Component Offload	WTG Component Offload
Nacelle Prep	Nacelle Prep (Turning Gears only)
Install Hubs	Install Hubs
Blade Roll / Prep	Blade Roll / Prep
Install Base-LM	Install Base-LM
Grout	Grout
Anchor Bolt Tension	Anchor Bolt Tension
Top Out	Top Out
Tower Wiring	Tower Wiring
Service Lift Install	Service Lift Install



Tower Clean	Tower Clean
MCC	MCC
Walkdowns	Walkdowns

#### MISC ACTIVITIES

PERFORMED IN NOVEMBER	PLANNED FOR DECEMBER
O&M Perimeter Fencing	O&M Utility Connection
O&M Utility Connection	O&M Final Clean and Walkdown
MET Tower Commissioning	Met Tower Walkdown

## QUALITY

### RFI'S

- See Procore Open RFI Log, [Exhibit D.](#) Current as of 12/8/2020.

### SUBMITTALS

- See Procore Open Submittal Log, [Exhibit E.](#) Current as of 12/8/2020.

### ISSUES

- VLF Testing Findings – All issues resolved, and all circuits passed VLF testing.
- T91 Grout surface defect from inclement weather the evening after placement. MAM is confirming the cosmetic repair with the EOR & grout manufacturer.
- Met tower power cable replacement scheduled for week of 12/7.

## ENGINEERING & DESIGN COORDINATION

- Design Packages Status
  - Civil – IFC Rev2
  - Structural – IFC
  - Electrical: Collection – IFC
  - Electrical: Substation – IFC
  - Electrical: T-Line – IFC
  - O&M Building & Storage Building - IFC
  - MET Tower – IFC



## CONSTRUCTION ISSUES

- Offload delays – Tower sections started arriving 9/21. Current schedule projects offload being complete the week of 12/14.
- T-Line stringing / crane walking schedule conflict. CELB was remobilized and the T-Line is now complete. ME1 Crane completed a partial breakdown and ducked the T-Line to erect T52.
- O&M Utility connection. Installation now in progress, expected completion the week of 12/7.
- VOB/PPC Delivery. Received 11/30.
- COVID impacts.
- T113 M2 Damage. Damaged tower section re-loaded 12/4, left site 12/7, replaced on 12/8.



## PHOTOS

PHOTO 1: SITE RESTORATION





PHOTO 2: ME CRANE BREAKDOWN





PHOTO 3: MAIN ERECTION – TOWER SECTIONS



PHOTO 4: SKYLINE







PHOTO 4: MAIN ERECTION - BLADES





PHOTO 5: MAIN ERECTION





PHOTO 6: PARTIAL BREAK DOWN / MOON





PHOTO 6: SUNSET



**Exhibit A – ASTA Schedule Overview**

Line	Name	Duration	Start Baseline	Finish Baseline	Start	Finish	Milestone Date	Total float	Finish variance	Overall percent complete	2020												2021																																																					
											February		March			April			May		June		July		August		September		October		November		December		January		February		March		April		May		June		July																													
											3	10	17	24	2	9	16	23	30	6	13	20	27	4	11	18	25	1	8	15	22	29	6	13	20	27	3	10	17	24	31	7	14	21	28	5	12	19	26	2	9	16	23	30	7	14	21	28	4	11	18	25	1	8	15	22	1	8	15	22	5	12	19	26	3	10
1	Mobilization	120d	2/10/2020 8:00 AM	2/21/2020 5:00 PM	02/10/20 A	07/08/20 A			-22w	100.00	Mobilization																																																																	
2	Public Roads	113d	2/19/2020 4:37:26 PM	5/13/2020 4:29:14 PM	02/17/20 A	07/06/20 A			-8w 2.06d	100.00	Public Roads																																																																	
3	Access Roads	98d	2/3/2020 8:00 AM	4/28/2020 9:00 AM	02/18/20 A	06/17/20 A			-8w 1.88d	100.00	Access Roads																																																																	
4	Foundations	105d 1h	3/2/2020 8:00 AM	5/29/2020 9:00 AM	03/10/20 A	07/16/20 A			-8w 7h	100.00	Foundations																																																																	
5	Collection System	124d 3h	3/24/2020 8:00 AM	8/11/2020 5:00 PM	04/15/20 A	09/23/20 A			-5w 4.38d	100.00	Collection System																																																																	
6	Substation	365d 5h	3/26/2020 9:09:17 AM	10/8/2020 8:00 AM	07/08/19 A	11/18/20 A			-5w 4d	100.00	Substation																																																																	
7	Transmission Line	210d	2/11/2020 8:00 AM	10/7/2020 5:00 PM	02/18/20 A	11/17/20 A			-5w 4d	100.00	Transmission Line																																																																	
8	WTG Deliveries	91d	5/26/2020 8:00 AM	7/13/2020 12:00 PM	08/03/20 A	12/08/20	46d 20min		-21w 4h	85.51	WTG Deliveries																																																																	
9	Base/Mid Erection	69d 3h	6/11/2020 8:00 AM	10/13/2020 1:06 PM	09/24/20 A	01/04/21	70d 2.5h		-10w 4.86d	59.42	Base/Mid Erection																																																																	
10	Main Erection	105d 3h	7/8/2020 8:00 AM	10/23/2020 9:18 AM	09/30/20 A	03/01/21	-7d 6h		-17w 2.21d	33.33	Main Erection																																																																	
11	Tower Wiring	103d 3h	7/10/2020 10:00 AM	10/27/2020 2:18 PM	10/06/20 A	03/04/21	-7d 6h		-17w 2.71d	31.16	Tower Wiring																																																																	
12	Tower Complete	90d 1h	7/22/2020 10:00 AM	10/30/2020 2:18 PM	10/28/20 A	03/09/21	-8d		-17w 2.46d	18.84	Tower Complete																																																																	
13	O & M Building	315d	11/25/2019 8:00 AM	5/20/2020 5:00 PM	10/21/19 A	12/22/20	56d 1h		-31w 3d	94.35	O & M Building																																																																	
14	MET Tower	42d	7/6/2020 8:00 AM	8/3/2020 5:00 PM	10/05/20 A	12/03/20	69d 1h		-17w 2d	83.05	MET Tower																																																																	
15	<b>Project Start-Up Milestones</b>	<b>110d</b>	<b>8/30/2019 8:00 AM</b>	<b>2/6/2020 8:00 AM</b>	<b>08/30/19 A</b>	<b>02/06/20 A</b>			<b>-1d</b>	<b>100.00</b>	<b>Project Start-Up Milestones</b>																																																																	
16	Final Notice to Proceed		2/3/2020 8:00 AM *	2/3/2020 8:00 AM	02/03/20 A	02/03/20 A				100.00	Final Notice to Proceed																																																																	
17	Contract Executed		8/30/2019 8:00 AM *	8/30/2019 8:00 AM	08/30/19 A	08/30/19 A				100.00	Contract Executed																																																																	
18	404 Permit Execution				02/06/20 A	02/06/20 A				100.00	404 Permit Execution																																																																	
19	<b>Contractual Milestones</b>	<b>307d 1h</b>	<b>2/3/2020 8:00 AM</b>	<b>11/18/2020 8:12 AM</b>	<b>01/30/20 A</b>	<b>03/22/21</b>	<b>14d</b>		<b>-17w 48min</b>	<b>51.17</b>	<b>Contractual Milestones</b>																																																																	
20	<b>WTG Deliveries</b>	<b>90d</b>	<b>5/26/2020 8:00 AM</b>	<b>7/10/2020 8:00 AM</b>	<b>08/03/20 A</b>	<b>12/08/20</b>	<b>87d 1h</b>		<b>-21w 2d</b>	<b>50.00</b>	<b>WTG Deliveries</b>																																																																	
21	WTG Delivery Start		5/26/2020 8:00 AM *	5/26/2020 8:00 AM	08/03/20 A	08/03/20 A			-9w 3d	100.00	WTG Delivery Start																																																																	
22	WTG Delivery Finish		7/10/2020 8:00 AM	7/10/2020 8:00 AM	12/08/20	12/08/20	87d 1h		-20w 4d		WTG Delivery Finish																																																																	
23	<b>Infrastructure Facilities Completion</b>	<b>43d</b>	<b>6/4/2020 9:46:31 AM</b>	<b>8/3/2020 5:00 PM</b>	<b>06/25/20 A</b>	<b>08/21/20 A</b>			<b>-15d</b>	<b>100.00</b>	<b>Infrastructure Facilities Completion</b>																																																																	
24	Feeder 11B		6/4/2020 9:46:31 AM	6/4/2020 9:46:31 AM *	06/25/20 A	06/25/20 A	6/25/2020 0:00 AM		-15d 6.22h	100.00	Feeder 11B																																																																	
25	Feeder 12B		6/5/2020 10:51:23 AM	6/5/2020 10:51:23 AM *	07/18/20 A	07/18/20 A	7/18/2020 5:00 PM		-4w 5.64d	100.00	Feeder 12B																																																																	
26	Feeder 12A		6/9/2020 10:18:37 AM	6/9/2020 10:18:37 AM *	07/18/20 A	07/18/20 A	7/18/2020 5:00 PM		-4w 3.71d	100.00	Feeder 12A																																																																	



**Exhibit B – ASTA – 3 Week Look Ahead Schedule**



Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	Gantt Chart	
										Nov	December 2020
										30	7 14 21
1		9-21-20 Deliveries Base, Mids, Top			55d 40min	09/22/20 A	12/09/20		71.33		
2	80	Turbine 80 WTG Components Delivery			4h	12/01/20	12/01/20				
3	80	Turbine 80 OffLoad Base Mids Top			3h 20min	12/01/20	12/01/20				
4	73	Turbine 73 WTG Components Delivery			4h	12/01/20	12/01/20				
5	73	Turbine 73 OffLoad Base Mids Top			3h 20min	12/01/20	12/02/20				
6	71	Turbine 71 WTG Components Delivery			4h	12/02/20 *	12/02/20				
7	71	Turbine 71 OffLoad Base Mids Top			3h 20min	12/02/20	12/02/20				
8	68	Turbine 68 WTG Components Delivery			4h	12/02/20	12/02/20				
9	68	Turbine 68 OffLoad Base Mids Top			3h 20min	12/03/20	12/03/20		40.00		
10	72	Turbine 72 WTG Components Delivery			4h	12/03/20	12/03/20				
11	72	Turbine 72 OffLoad Base Mids Top			3h 20min	12/03/20	12/03/20				
12	74	Turbine 74 WTG Components Delivery			4h	12/03/20	12/03/20				
13	74	Turbine 74 OffLoad Base Mids Top			3h 20min	12/04/20	12/04/20				
14	78	Turbine 78 WTG Components Delivery			4h	12/04/20	12/04/20				
15	78	Turbine 78 OffLoad Base Mids Top			3h 20min	12/04/20	12/04/20				
16	59	Turbine 59 WTG Components Delivery			4h	12/04/20	12/04/20				
17	59	Turbine 59 OffLoad Base Mids Top			3h 20min	12/07/20	12/07/20				

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	Nov		December	
										30	7	2020	14
18	27	Turbine 27 WTG Components Delivery			4h	12/01/20	12/01/20			27	WTG Components Delivery		
19	27	Turbine 27 OffLoad Base Mids Top			3h 20min	12/01/20	12/01/20			27	OffLoad Top		
20	22	Turbine 22 WTG Components Delivery			4h	12/01/20	12/01/20			22	WTG Components Delivery		
21	22	Turbine 22 OffLoad Base Mids Top			3h 20min	12/02/20	12/02/20			22	OffLoad Top		
22	20	Turbine 20 WTG Components Delivery			4h	12/02/20	12/02/20			20	WTG Components Delivery		
23	20	Turbine 20 OffLoad Base Mids Top			3h 20min	12/02/20	12/02/20			20	OffLoad Top		
24	19	Turbine 19 WTG Components Delivery			4h	12/02/20 *	12/02/20			19	WTG Components Delivery		
25	19	Turbine 19 OffLoad Base Mids Top			3h 20min	12/02/20	12/03/20			19	OffLoad Top		
26	18	Turbine 18 WTG Components Delivery			4h	12/03/20	12/03/20			18	WTG Components Delivery		
27	18	Turbine 18 OffLoad Base Mids Top			3h 20min	12/03/20	12/03/20			18	OffLoad Top		
28	17	Turbine 17 WTG Components Delivery			4h	12/03/20	12/03/20			17	WTG Components Delivery		
29	17	Turbine 17 OffLoad Base Mids Top			3h 20min	12/03/20	12/04/20			17	OffLoad Top		
30	16	Turbine 16 WTG Components Delivery			4h	12/04/20	12/04/20			16	WTG Components Delivery		
31	16	Turbine 16 OffLoad Base Mids Top			3h 20min	12/04/20	12/04/20			16	OffLoad Top		
32	14	Turbine 14 WTG Components Delivery			4h	12/04/20	12/04/20			14	WTG Components Delivery		
33	14	Turbine 14 OffLoad Base Mids Top			3h 20min	12/07/20	12/07/20			14	OffLoad Top		
34	11	Turbine 11 WTG Components Delivery			4h	12/07/20	12/07/20			11	WTG Components Delivery		

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	Gantt Chart	
										Nov	December 2020
										30	7
											14
											21
35	11	Turbine 11 OffLoad Base Mids Top			3h 20min	12/07/20	12/07/20				11 OffLoad Top
36	10	Turbine 10 WTG Components Delivery			4h	12/07/20	12/07/20				10 WTG Components Delivery
37	10	Turbine 10 OffLoad Base Mids Top			3h 20min	12/07/20	12/08/20				10 OffLoad Top
38	9	Turbine 9 WTG Components Delivery			4h	12/08/20	12/08/20				9 WTG Components Delivery
39	9	Turbine 9 OffLoad Base Mids Top			3h 20min	12/08/20	12/08/20				9 OffLoad Top
40	8	Turbine 8 WTG Components Delivery			4h	12/08/20	12/08/20				8 WTG Components Delivery
41	8	Turbine 8 OffLoad Base Mids Top			3h 20min	12/09/20	12/09/20				8 OffLoad Top
42		<b>Nacelle Prep</b>	<b>05/26/20</b>	<b>07/23/20</b>	<b>92d 4h</b>	<b>08/11/20 A</b>	<b>12/21/20</b>		<b>73.55</b>	Nacelle Prep	
43	25	Turbine 25 Nacelle Prep	06/11/20	06/15/20	1d 8h	12/01/20	12/01/20		75.00		25 Install Turning Gear
44	20	Turbine 20 Nacelle Prep	06/17/20	06/19/20	2d	12/01/20	12/01/20		50.00		20 Install Turning Gear
45	22	Turbine 22 Nacelle Prep	06/18/20	06/22/20	2d	12/01/20	12/02/20		50.00		22 Install Turning Gear
46	27	Turbine 27 Nacelle Prep	06/18/20	06/22/20	2d	12/02/20	12/02/20		50.00		27 Install Turning Gear
47	19	Turbine 19 Nacelle Prep	06/19/20	06/23/20	2d	12/02/20	12/03/20		50.00		19 Install Turning Gear
48	18	Turbine 18 Nacelle Prep	06/19/20	06/23/20	2d	12/03/20	12/03/20		50.00		18 Install Turning Gear
49	17	Turbine 17 Nacelle Prep	06/22/20	06/24/20	2d	12/03/20	12/04/20		50.00		17 Install Turning Gear
50	16	Turbine 16 Nacelle Prep	06/22/20	06/24/20	2d	12/04/20	12/04/20		50.00		16 Install Turning Gear
51	14	Turbine 14 Nacelle Prep	06/23/20	06/25/20	2d	12/04/20	12/07/20		50.00		14 Install Turning Gear
52	11	Turbine 11 Nacelle Prep	06/23/20	06/25/20	2d	12/07/20	12/07/20		50.00		11 Install Turning Gear
53	10	Turbine 10 Nacelle Prep	06/24/20	06/26/20	2d	12/07/20	12/08/20		50.00		10 Install Turning Gear
54	9	Turbine 9 Nacelle Prep	06/24/20	06/26/20	2d	12/08/20	12/08/20		50.00		9 Install Turning Gear

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	Nov		December		
										30	7	2020	14	21
55	8	Turbine 8 Nacelle Prep	06/25/20	06/29/20	1d 8h	12/08/20	12/09/20		50.00					8  Install Turning Gear
56	80	Turbine 80 Nacelle Prep	06/25/20	06/29/20	1d 8h	12/09/20	12/09/20		50.00					80  Install Turning Gear
57	73	Turbine 73 Nacelle Prep	06/26/20	06/30/20	2d	12/09/20	12/10/20		50.00					73  Install Turning Gear
58	71	Turbine 71 Nacelle Prep	06/26/20	06/30/20	2d	12/10/20	12/10/20		50.00					71  Install Turning Gear
59	68	Turbine 68 Nacelle Prep	06/29/20	07/01/20	2d	12/10/20	12/11/20		50.00					68  Install Turning Gear
60	72	Turbine 72 Nacelle Prep	06/29/20	07/01/20	2d	12/11/20	12/11/20		50.00					72  Install Turning Gear
61	74	Turbine 74 Nacelle Prep	06/30/20	07/02/20	2d	12/11/20	12/14/20		50.00					74  Install Turning Gear
62	78	Turbine 78 Nacelle Prep	06/30/20	07/02/20	2d	12/14/20	12/14/20		50.00					78  Install Turning Gear
63	94	Turbine 94 Nacelle Prep	07/01/20	07/06/20	1d 8h	12/15/20	12/15/20		75.00					94  Install Turning Gear
64	100	Turbine 100 Nacelle Prep	07/01/20	07/06/20	1d 8h	12/15/20	12/15/20		75.00					100  Install Turning Gear
65	85	Turbine 85 Nacelle Prep	07/02/20	07/07/20	2d	12/01/20	12/16/20		50.00	85				Install Turning Gear
66	99	Turbine 99 Nacelle Prep	07/07/20	07/09/20	1d 8h	12/16/20	12/16/20		75.00					99  Install Turning Gear
67	105	Turbine 105 Nacelle Prep	07/07/20	07/09/20	1d 8h	12/17/20	12/17/20		75.00					105  Install Turning Gear
68	113	Turbine 113 Nacelle Prep	07/08/20	07/10/20	1d 8h	12/17/20	12/17/20		75.00					113  Install Turning Gear
69	119	Turbine 119 Nacelle Prep	07/08/20	07/10/20	1d 8h	12/18/20	12/18/20		75.00					119  Install Turning Gear
70	120	Turbine 120 Nacelle Prep	07/09/20	07/13/20	1d 8h	12/18/20	12/18/20		75.00					120  Install Turning Gear
71	128	Turbine 128 Nacelle Prep	07/09/20	07/13/20	1d 8h	12/21/20	12/21/20		75.00					128  Install Turning Gear
72	91	Turbine 91 Nacelle Prep	07/13/20	07/15/20	2d	12/01/20	12/01/20		50.00	91				Install Turning Gear
73	98	Turbine 98 Nacelle Prep	07/14/20	07/16/20	2d	12/01/20	12/02/20		50.00		98			Install Turning Gear
74	96	Turbine 96 Nacelle Prep	07/14/20	07/16/20	2d	12/02/20	12/02/20		50.00			96		Install Turning Gear
75	90	Turbine 90 Nacelle Prep	07/15/20	07/17/20	2d	12/01/20	12/03/20		25.00	90				Install Turning Gear
76	118	Turbine 118 Nacelle Prep	07/15/20	07/17/20	2d	12/01/20	12/03/20		25.00	118				Install Turning Gear
77	124	Turbine 124 Nacelle Prep	07/16/20	07/20/20	2d	12/01/20	12/04/20		25.00		124			Install Turning Gear

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	Nov		December	
										30	7	2020	14
78	59	Turbine 59 Nacelle Prep	07/16/20	07/20/20	2d	12/04/20	12/04/20		50.00				
79	60	Turbine 60 Nacelle Prep	07/17/20	07/21/20	2d	12/04/20	12/07/20		50.00				
80	63	Turbine 63 Nacelle Prep	07/17/20	07/21/20	2d	12/07/20	12/07/20		50.00				
81	69	Turbine 69 Nacelle Prep	07/20/20	07/22/20	2d	12/07/20	12/08/20		50.00				
82	114	Turbine 114 Nacelle Prep	07/20/20	07/22/20	1d 6h	12/01/20	12/01/20		75.00	114			
<b>83</b>		<b>Base Mid 1</b>	<b>06/10/20</b>	<b>09/14/20</b>	<b>110d 5h</b>	<b>08/03/20 A</b>	<b>01/07/21</b>		<b>78.48</b>				
<b>84</b>		<b>Set Base   M1</b>			<b>71d 5h</b>	<b>09/25/20 A</b>	<b>01/07/21</b>		<b>56.97</b>				
85	98	Turbine 98 Set Base   M1			1d 3h	12/01/20	12/01/20		75.00	98			
86	124	Turbine 124 Set Base   M1			1d 4h	12/01/20	12/01/20		25.00	124			
87	118,124	Crane Walk 118-124   M1			1h	12/01/20	12/01/20			118,124			
88	118	Turbine 118 Set Base   M1			1d 3h	12/01/20	12/02/20			118			
89	96,118	Crane Walk 118-96   M1			1h	12/01/20	12/01/20			96,118			
90	96	Turbine 96 Set Base   M1			1d 4h	12/01/20	12/03/20			96			
91	90,96	Crane Walk 96-90   M1	08/14/20	08/14/20	1h	12/02/20	12/02/20			90,96			
92	90	Turbine 90 Set Base   M1			1d 4h	12/02/20	12/03/20			90			
93	69,90	Full Breakdown 90-69   M1			2d	12/02/20	12/07/20			69,90			
94	69	Turbine 69 Base Mid   M1	09/22/20	09/24/20	1d 4h	12/07/20	12/08/20			69			
95	63,69	Crane Walk 69-63   M1	09/22/20	09/22/20	1h	12/07/20	12/07/20			63,69			
96	63	Turbine 63 Base Mid   M1	09/21/20	09/23/20	1d 3h	12/07/20	12/08/20			63			
97	60,63	BM 1 Crane Walk 63-60	09/18/20	09/22/20	2h	12/07/20	12/08/20			60,63			
98	60	Turbine 60 Base Mid   M1	09/17/20	09/21/20	1d 3h	12/08/20	12/09/20			60			
99	59,60	BM 1 Crane Walk 60-59			5h	12/08/20	12/08/20			59,60			
100	59	Turbine 59 Base Mid   M1	09/16/20	09/18/20	1d 4h	12/09/20	12/10/20			59			
101	59,80	Full Breakdown 59-80   M1	06/22/20	06/22/20	2d	12/09/20	12/11/20			59,80			
102	80	Turbine 80 Set Base   M1			1d 4h	12/14/20	12/15/20			80			

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	Nov		December 2020		
										30	7	14	21	
103	73,80	Crane Walk 80-73   M1			1h	12/14/20	12/14/20						73,80	Crane Walk 80-73   M1
104	73	Turbine 73 Set Base   M1			1d 3h	12/14/20	12/15/20						73	Tension Base
105	71,73	Crane Walk 73-71   M1			2h	12/14/20	12/15/20						71,73	Crane Walk 73-71   M1
106	71	Turbine 71 Set Base   M1			1d 2h	12/15/20	12/16/20						71	Tension Base
107	68,71	Crane Walk 71-68   M1			2h	12/15/20	12/15/20						68,71	Crane Walk 71-68   M1
108	68	Turbine 68 Set Base   M1			1d 4h	12/15/20	12/16/20						68	Tension Base
109	68,72	Crane Walk 68-72   M1			1h	12/15/20	12/15/20						68,72	Crane Walk 68-72   M1
110	72	Turbine 72 Set Base   M1			1d 3h	12/16/20	12/17/20						72	Tension Base
111	72,74	Crane Walk 72-74   M1	06/25/20	06/25/20	1h	12/16/20	12/16/20						72,74	Crane Walk 72-74   M1
112	74	Turbine 74 Set Base   M1			1d 4h	12/16/20	12/17/20						74	Tension Base
113	74,78	Crane Walk 74-78   M1	06/26/20	06/29/20	1h	12/16/20	12/16/20						74,78	Crane Walk 74-78   M1
114	78	Turbine 78 Set Base   M1			1d 3h	12/17/20	12/18/20						78	Tension Base
115	27,78	Full Breakdown 78-27   M1			2d 6h	12/17/20	12/22/20						27,78	Full Breakdown 78-27   M1
<b>116</b>		<b>Main Erection # 1</b>	<b>07/08/20</b>	<b>10/13/20</b>	<b>113d 1h</b>	<b>09/19/20 A</b>	<b>03/02/21</b>		<b>36.53</b>					
117	46	Turbine 46 Top-Out and Complete Turbines	07/29/20	08/07/20	4d 21h	12/01/20	12/03/20		83.87	46				Tower Complete
118	46,52	ME 1 Crane Walk 46-52	07/28/20	07/29/20	2d 1h	11/23/20 A	12/01/20		50.00					ME 1 Crane Walk 46-52
119	52	Turbine 52 Set Base   ME1			1d 4h	12/01/20	12/02/20			52				Tension Base
120	52	Turbine 52 Top-Out and Complete Turbines	07/23/20	08/05/20	6d 4h	12/03/20	12/14/20			52				Tower Complete
121	52,129	ME1 Crane Full Breakdown 52-129			4d 4h	12/03/20	12/11/20			52,129				ME 1 Crane Full Breakdown 52-129
122	129	Turbine 129 Top-Out and Complete Turbines	10/14/20	10/23/20	6d 4h	12/11/20	12/22/20			129				Tower Walkdown
123	106,129	ME 1 Crane Partial Breakdown 129 -106	10/15/20	10/19/20	1d 8h	12/11/20	12/15/20			106,129				ME 1 Crane Partial Breakdown 129 -106
124	106	Turbine 106 Top-Out and Complete Turbines	10/19/20	10/28/20	6d 4h	12/16/20	12/29/20			106				Wire Terminations
125	106,114	ME 1 Crane Partial Breakdown 106-114	10/20/20	10/21/20	2d 6h	12/16/20	12/21/20			106,114				ME 1 Crane Partial Breakdown 106-114
<b>126</b>		<b>Main Erection # 2</b>	<b>07/16/20</b>	<b>10/20/20</b>	<b>114d 5h</b>	<b>09/24/20 A</b>	<b>03/09/21</b>		<b>30.51</b>					
127	25	Turbine 25 Top-Out and Complete Turbines	08/26/20	09/04/20	6d 4h	12/01/20	12/01/20		100.00	25				Tower Complete

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	Nov		December	
										30	7	2020	14
128	28	Turbine 28 Top-Out and Complete Turbines	08/24/20	09/02/20	6d 6h	12/01/20	12/02/20		96.77	28	◆ Tower Complete		
129	32	Turbine 32 Top-Out and Complete Turbines	08/21/20	08/31/20	5d 10h	12/01/20	12/07/20		67.74	32	◆ Tower Complete		
130	31,32	ME 2 Crane Partial Breakdown 32-31	08/26/20	08/26/20	3d 4h	11/28/20 A	12/01/20		50.00		ME 2 Crane Partial Breakdown 32-31		
131	31	Turbine 31 Top-Out and Complete Turbines	09/08/20	09/17/20	6d 6h	12/01/20	12/11/20			31	◆ Tower Complete		
132	31,35	ME 2 Crane Walk 31-35	09/08/20	09/08/20	1d	12/02/20	12/03/20			31,35	ME 2 Crane Walk 31-35		
133	35	Turbine 35 Top-Out and Complete Turbines	09/03/20	09/15/20	6d 6h	12/04/20	12/15/20			35	◆ Tower Complete		
134	35,124	ME 2 Crane Full Breakdown 35-124			4d	12/07/20	12/14/20			35,124	ME 2 Crane Full Breakdown 35-124		
135	124	Turbine 124 Top-Out and Complete Turbines	10/12/20	10/20/20	6d 6h	12/14/20	12/23/20			124	Mechanical Completion		
136	118,124	ME 2 Crane Walk 124-118	10/09/20	10/09/20	1d 4h	12/15/20	12/16/20			118,124	ME 2 Crane Walk 124-118		
137	118	Turbine 118 Top-Out and Complete Turbines	10/08/20	10/19/20	6d 6h	12/17/20	12/30/20			118	Wire Pull		
138	96,118	ME 2 Crane Partial Breakdown 118-96	10/05/20	10/08/20	3d	12/18/20	12/23/20			96,118	ME 2 Crane Parti		
<b>139</b>		<b>Main Erection # 3</b>	<b>07/31/20</b>	<b>10/30/20</b>	<b>89d 3h</b>	<b>10/07/20 A</b>	<b>02/16/21</b>		<b>36.20</b>				
140	33	Turbine 33 Top-Out and Complete Turbines	08/12/20	08/21/20	5d 12h	12/01/20	12/02/20		96.77	33	◆ Tower Complete		
141	126	Turbine 126 Top-Out and Complete Turbines	09/10/20	09/21/20	6d 6h	12/01/20	12/07/20		64.52	126	◆ Tower Complete		
142	126,133	ME1 Crane Walk 126-133	09/10/20	09/10/20	4d 2h	11/25/20 A	12/04/20		50.00		ME1 Crane Walk 126-133		
143	133	Turbine 133 Top-Out and Complete Turbines			6d 6h	12/04/20	12/15/20			133	◆ Tower Complete		
144	133,134	ME1 Crane Partial Breakdown 133-134	09/08/20	09/09/20	2d 2h	12/07/20	12/09/20			133,134	ME1 Crane Partial Breakdown 133-134		
145	134	Turbine 134 Top-Out and Complete Turbines			6d 6h	12/10/20	12/21/20			134	◆ Tower Complete		
146	128,134	ME1 Crane Partial Breakdown 134-128	09/03/20	09/03/20	8h	12/11/20	12/14/20			128,134	ME1 Crane Partial Breakdown 134-128		
147	128	Turbine 128 Top-Out and Complete Turbines	09/02/20	09/11/20	6d 6h	12/14/20	12/23/20			128	Mechanical Completion		
148	120,128	ME1 Crane Partial Breakdown 128-120	09/01/20	09/02/20	6h	12/15/20	12/15/20			120,128	ME1 Crane Partial Breakdown 128-120		
149	120	Turbine 120 Top-Out and Complete Turbines	08/31/20	09/10/20	6d 6h	12/16/20	12/29/20			120	Wire Terminations		
150	119,120	ME1 Crane Partial Breakdown 120-119	08/28/20	08/31/20	2d 2h	12/17/20	12/21/20			119,120	ME1 Crane Partial Breakdown 120		
<b>151</b>		<b>MET Tower</b>	<b>07/06/20</b>	<b>08/03/20</b>	<b>49d 8h</b>	<b>10/05/20 A</b>	<b>12/03/20</b>		<b>83.33</b>		MET Tower		

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	Nov		December	
										30	7	2020	14
152		Install Fence Grounding	07/24/20	07/30/20	3d	12/01/20	12/01/20		75.00				
153		Completion - MET Tower	07/31/20	08/03/20	1d 4h	12/02/20	12/03/20						
154		<b>O &amp; M Building</b>	<b>05/21/20</b>	<b>09/16/20</b>	<b>136d</b>	<b>06/17/20 A</b>	<b>12/22/20</b>		<b>92.82</b>				
155		<b>O &amp; M Building</b>			<b>136d</b>	<b>06/17/20 A</b>	<b>12/22/20</b>		<b>92.82</b>				
156		<b>SCADA Room</b>			<b>100d</b>	<b>07/16/20 A</b>	<b>12/03/20</b>		<b>96.40</b>				
157		Install Vestas-Supplied Equipment			2d	12/01/20	12/02/20						
158		Punchlist - SCADA Rm			1d	12/03/20	12/03/20						
159		<b>Exterior Electric</b>			<b>61d</b>	<b>09/16/20 A</b>	<b>12/10/20</b>		<b>20.00</b>				
160		Set Pad-Mount Transformer			8d	12/01/20	12/10/20						
161		<b>O &amp; M Building Completion</b>			<b>8d</b>	<b>12/11/20</b>	<b>12/22/20</b>						
162		Touch-Up/Punchlist			8d	12/11/20	12/22/20						
163		<b>Storage Building</b>			<b>101d</b>	<b>07/22/20 A</b>	<b>12/10/20</b>		<b>92.60</b>				
164		<b>Storage Building</b>			<b>101d</b>	<b>07/22/20 A</b>	<b>12/10/20</b>		<b>92.60</b>				
165		<b>Storage Building Completion</b>			<b>8d</b>	<b>12/01/20</b>	<b>12/10/20</b>						
166		Touch-Up/Punchlist			8d	12/01/20	12/10/20						

Types of Work

Base Mid Crane Walk	Set Base   Mid	Torque Base   Mid	Grout Base	MET Tower Completion	SCADA Room	ME Crane Walk	Off-Load Base	Crane Breakdown	WTG Deliveries (by Owner)	Exterior Electric
Off-Load Top	O & M Building Completion	Tension Base	Off-Load Mid 1 Lower	Set Top   Nacelle   Hub	Off-Load Mid 2 Middle	Torque Tower	Off-Load Mid 3 Upper	Stab Blades	Tension Blades	Wire Pull
Wire Terminations	Roll Blades	Install Hub	Install Lift Assist	Tower Cleaning	Mechanical Completion	Tower Walkdown	Install Turning Gear	Tower Complete		

Milestone Appearances

- Diamond



**Exhibit C – Progress Map**

### KINGS POINT WIND

850 Base Line Rd  
Golden City, MO 64748

### ERECTION VISIO

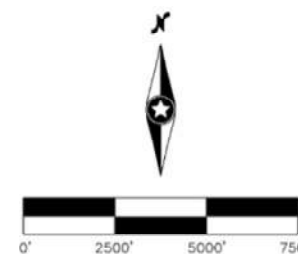
Updated Start of Day 12/8/2020

#### OFFLOAD LEGEND



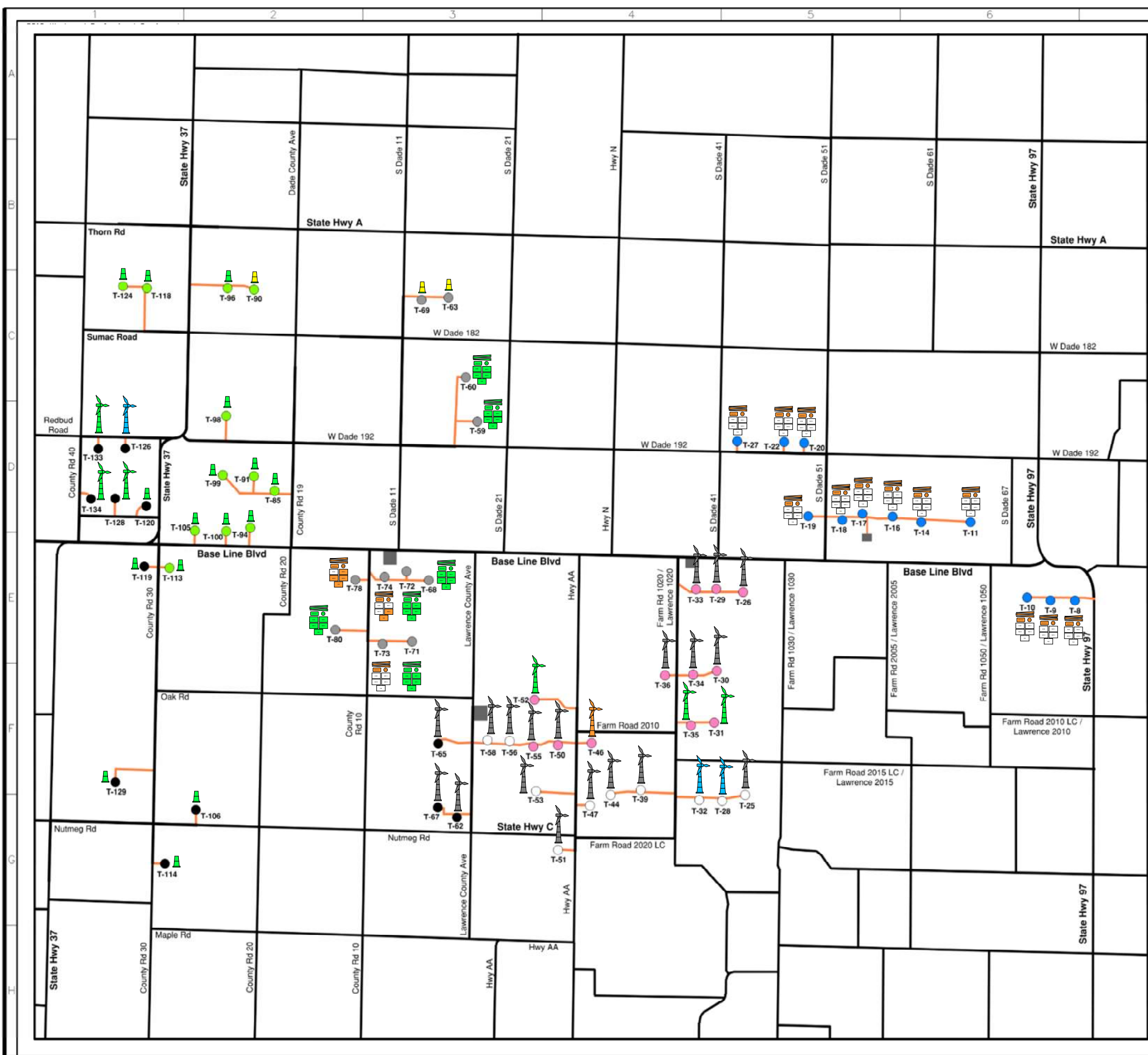
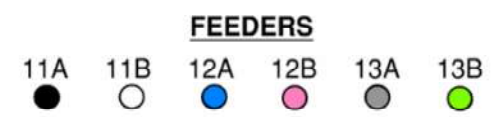
#### ERECTION LEGEND

	BASE
	MID 1
	GROUT
	MID 2
	MID 3
	TOP
	NACELLE
	BLADES
	TOWER WIRING
	WALKDOWN
	MCC SUBMITTED



**Kings Point  
Wind Project**

Jasper, Barton, Dade, and  
Lawrence County, Missouri



**Exhibit D – Open RFI Log**



**RFI LOG**

#	Subject	Status	Responsible Contractor	Received From	Assignee	Date Initiated	RFI Manager	Due Date	Closed Date	Ball In Court	Location	Schedule Impact	Cost Code	Cost Impact
145	Expired 8000 Atlas Copco Gun S/N C0510101	Open	Mortenson - Wind ...	None	Jones, Matthew (V...	12/03/2020	Smit Khapuwala	12/06/2020		Jones, Matthew (V...				

**Exhibit E – Open Submittal Log**



Job #: 19141024 Kings Point Wind  
850 Base Line Rd.  
Golden City, Missouri 64748

## All Submittals

Spec Section	#	Rev.	Title	Type	Status	Responsible Contractor	Final Due Date	Submit By	Location	Received From	Received Date	Ball In Court	Approvers	Response	Sent Date	Returned Date	Due Date	Distributed Date
W33 - Met Towers	W33-1	2	Preliminary Met Tower Foundation Drawings	Document	Open	Vikor Inc	08/07/2020					Matt Pellinen (Solas Energy Consulting)	Thea Daguison (Mortenson - Wind Energy) Matt Pellinen (Solas Energy Consulting)	Submitted Pending	10/13/2020 10/13/2020	10/13/2020	07/31/2020 08/07/2020	
W31 - O&M Building	W31-32	1	O and M Storage Building Sign		Open	Mortenson - Wind Energy	12/17/2020		O & M	Smit Khapuwala		Melody Cote (Solas Energy Consulting) Matt Pellinen (Solas Energy Consulting)	Melody Cote (Solas Energy Consulting) Matt Pellinen (Solas Energy Consulting)	Pending Pending	12/04/2020 12/04/2020		12/17/2020 12/17/2020	
W31 - O&M Building	W31-32	0	O and M Storage Building Sign		Open	Mortenson - Wind Energy	12/17/2020		O & M	Smit Khapuwala		Smit Khapuwala (Mortenson - Wind Energy)	Melody Cote (Solas Energy Consulting) Matt Pellinen (Solas Energy Consulting)	Revise And Resubmit Revise And Resubmit	12/03/2020 12/03/2020	12/03/2020 12/04/2020	12/17/2020 12/17/2020	
W25-05 - Steel Structures and Overhead Bus	W25-05-1	0	Substation Stairs and Stair Landing		Open							Keaton Voegtly (Mortenson - Power Delivery Solutions)						
W25 - Substation	W25-79	0	KPW Substation Protection and Control As-Builts		Open		01/01/2021					Katie Dunphy (Mortenson - Engineering Services Group) Mike Manthei (Mortenson - Engineering Services Group)	Armin Etemadi (Mortenson - Power Delivery Solutions) Katie Dunphy (Mortenson - Engineering Services Group) Mike Manthei (Mortenson - Engineering Services Group) Armin Etemadi (Mortenson - Power Delivery Solutions)	Submitted Pending Pending Pending	12/04/2020 12/04/2020	12/04/2020	12/04/2020 12/18/2020 12/18/2020 01/01/2021	
W25 - Substation	W25-78	0	KPW Substation Physical As-Builts		Open		12/27/2020					Katie Dunphy (Mortenson - Engineering Services Group) Kyle Kraus	Armin Etemadi (Mortenson - Power Delivery Solutions) Katie Dunphy	Submitted Pending Pending Pending	11/29/2020 11/29/2020 11/29/2020	11/29/2020	11/29/2020 12/18/2020 12/18/2020 12/27/2020	



Spec Section	#	Rev.	Title	Type	Status	Responsible Contractor	Final Due Date	Submit By	Location	Received From	Received Date	Ball In Court	Approvers	Response	Sent Date	Returned Date	Due Date	Distributed Date	
												(Mortenson - Engineering Services Group)	(Mortenson - Engineering Services Group) Kyle Kraus (Mortenson - Engineering Services Group) Armin Etemadi (Mortenson - Power Delivery Solutions)						
W25 - Substation	W25-77	0	KPW Substation Civil Structural As-Builts		Open		12/29/2020					Katie Dunphy (Mortenson - Engineering Services Group) Chance Hutchinson (Mortenson - Engineering Services Group)	Armin Etemadi (Mortenson - Power Delivery Solutions) Katie Dunphy (Mortenson - Engineering Services Group) Chance Hutchinson (Mortenson - Engineering Services Group) Armin Etemadi (Mortenson - Power Delivery Solutions)	Submitted Pending Pending	11/24/2020 11/24/2020	11/24/2020	11/24/2020 12/15/2020 12/15/2020 12/29/2020		
W25 - Substation	W25-76	0	Kings Point - NERC PRC-024-2		Open	Mortenson - Engineering Services Group	10/30/2020			Katie Dunphy		Katie Dunphy (Mortenson - Engineering Services Group)	Shaen Rooney (Liberty Utilities Missouri)) Jacob Schueller (Mortenson - Energy Storage & Solutions)	Approved As Noted Approved As Noted	10/16/2020 10/16/2020	11/01/2020 11/01/2020	10/30/2020 10/30/2020		
W25 - Substation	W25-75	0	Kings Point - NERC FAC-002-2 Issue for Review		Open	Mortenson - Engineering Services Group	10/26/2020			Katie Dunphy		Katie Dunphy (Mortenson - Engineering Services Group)	Shaen Rooney (Liberty Utilities Missouri)) Jacob Schueller (Mortenson - Energy Storage & Solutions)	Approved Approved	10/12/2020 10/12/2020	10/27/2020 10/27/2020	10/26/2020 10/26/2020		
W25 - Substation	W25-73	0	Kings Point Substation Arc Flash - Issue for Review		Open	Mortenson - Engineering Services Group	09/28/2020			Katie Dunphy		Katie Dunphy (Mortenson - Engineering Services Group)	Shaen Rooney (Liberty Utilities Missouri)) Jacob Schueller (Mortenson - Energy Storage & Solutions)	Approved As Noted Approved	09/14/2020 09/14/2020	10/01/2020 10/01/2020	09/28/2020 09/28/2020		
W25 -	W25-70	0	Kings Point Relay		Open	Mortenson -	08/13/2020			Katie		Ella Rose (Burns &	Shaen Rooney	Approved	07/30/2020	09/02/2020	08/13/2020		



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Substation			Settings - Issue for Review			Engineering Services Group				Dunphy		McDonnell	(Liberty Utilities (Missouri)) Ella Rose (Burns & McDonnell)	As Noted Pending	07/30/2020		08/13/2020	
W25 - Substation	W25-54	0	Substation Surface Rock		Open							Keaton Voeghtly (Mortenson - Power Delivery Solutions)						
W25 - Substation	W25-53	0	Current Limiting Reactor		Open							Keaton Voeghtly (Mortenson - Power Delivery Solutions)						
W25 - Substation	W25-39	0	Concrete Field Testing Results (For Record)		Open							Keaton Voeghtly (Mortenson - Power Delivery Solutions)						
W25 - Substation	W25-38	0	Finish Rock		Open							Keaton Voeghtly (Mortenson - Power Delivery Solutions)						
W25 - Substation	W25-07	2	Substation - Capacitor Bank	Shop Drawings	Open		07/27/2020					Yasir Albaqqal (Mortenson - Power Delivery Solutions)	Kyle Kraus (Mortenson - Engineering Services Group) Matt Pellinen (Solas Energy Consulting)	Approved As Noted Approved	07/13/2020 07/13/2020	09/08/2020 09/02/2020	07/27/2020 07/27/2020	
W25 - Substation	W25-5	0	Third Party P&C Review		Open	Mortenson - Engineering Services Group	01/14/2020			Tami Anderson		Tammy Abbey (Mortenson - Power Delivery Solutions)	Ruth Johnson (Barr Engineering Company)	For Record Only		01/20/2020	01/14/2020	
W23 - SCADA	W23-2	0	HMI Screen Go-By		Open	Mortenson - Engineering Services Group	01/03/2020			Tami Anderson		Tammy Abbey (Mortenson - Power Delivery Solutions)	Shaen Rooney (Liberty Utilities (Missouri))	Approved As Noted	12/20/2019	01/06/2020	01/03/2020	
W17 - Underground Collection System	W17-36	0	Collection - MV cables test reports		Open		07/13/2020					Yasir Albaqqal (Mortenson - Power Delivery Solutions)	Steve Lay (Mortenson - Engineering Services Group)	For Record Only	06/30/2020	07/16/2020	07/13/2020	
W17 - Underground Collection System	W17-33	0	MV Cable, Junction Box, and Line Marker Labels		Open							Keaton Voeghtly (Mortenson - Power Delivery Solutions)						
W17 - Underground Collection System	W17-29	0	Vestas Basic Switchgear		Open							Keaton Voeghtly (Mortenson - Power Delivery Solutions)						





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W17 - Underground Collection System	W17-28	0	Concrete for Junction Box Base		Open							Keaton Voegtly (Mortenson - Power Delivery Solutions)							
W17 - Underground Collection System	W17-27	0	Crushed Rock for Junction Box		Open							Keaton Voegtly (Mortenson - Power Delivery Solutions)							
W17 - Underground Collection System	W17-25	0	J-Box Conduit		Open							Keaton Voegtly (Mortenson - Power Delivery Solutions)							
W17 - Underground Collection System	W17-23	0	3-Way Junction Mounting Hardware		Open							Keaton Voegtly (Mortenson - Power Delivery Solutions)							
W17 - Underground Collection System	W17-22	0	Junction Box Extension		Open							Keaton Voegtly (Mortenson - Power Delivery Solutions)							
W17 - Underground Collection System	W17-21	0	3-Way Junction Box		Open							Keaton Voegtly (Mortenson - Power Delivery Solutions)							
W17 - Underground Collection System	W17-18	0	Bollard		Open							Keaton Voegtly (Mortenson - Power Delivery Solutions)							
W17 - Underground Collection System	W17-17	0	Bollard Concrete		Open							Keaton Voegtly (Mortenson - Power Delivery Solutions)							
W17 - Underground Collection System	W17-16	0	Pea Gravel		Open							Keaton Voegtly (Mortenson - Power Delivery Solutions)							
W17 - Underground Collection System	W17-15	0	Splice Closure and Tray		Open							Keaton Voegtly (Mortenson - Power Delivery Solutions)							
W17 - Underground Collection System	W17-14	0	Handhole Enclosure		Open							Keaton Voegtly (Mortenson - Power Delivery Solutions)							
W17 - Underground Collection	W17-6	0	Ground Rock		Open							Keaton Voegtly (Mortenson - Power Delivery							



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System												Solutions)							
W17 - Underground Collection System	W17-4	0	T-Body Elbow Connectors	Product Data	Open	Mortenson - Power Delivery Solutions	04/23/2020					Carol Svare (Mortenson - Power Delivery Solutions)	Carol Svare (Mortenson - Power Delivery Solutions) Tami Anderson (Mortenson - Engineering Services Group) Eric Frank (Mortenson - Engineering Services Group) Steve Lay (Mortenson - Engineering Services Group)	Submitted Approved As Noted Approved As Noted Approved As Noted	04/09/2020 04/09/2020 04/09/2020	04/24/2020 04/23/2020 04/24/2020	04/09/2020 04/23/2020 04/23/2020		
W11 - WTG Erection	W11-4	2	Owner - WTG/ Erection Job Books Table of Contents		Open	Mortenson - Wind Energy	10/26/2020			Aaron Miller		Aaron Miller (Mortenson - Wind Energy)	Logan Bell (Solas Energy Consulting)	Approved As Noted	10/26/2020	10/26/2020	10/26/2020		
W11 - WTG Erection	W11-4	1	Owner - WTG/ Erection Job Books Table of Contents		Open	Mortenson - Wind Energy	11/09/2020			Aaron Miller		Logan Bell (Solas Energy Consulting)	Logan Bell (Solas Energy Consulting)	Pending			10/26/2020		
W11 - WTG Erection	W11-4	0	Owner - WTG/ Erection Job Books Table of Contents		Open	Mortenson - Wind Energy	10/26/2020			Aaron Miller		Aaron Miller (Mortenson - Wind Energy)	Logan Bell (Solas Energy Consulting)	Revise And Resubmit		10/23/2020	10/26/2020		
W11 - WTG Erection	W11-3	0	Anchor Bolt Caps		Open		10/05/2020					Aaron Miller (Mortenson - Wind Energy)	Matt Pellinen (Solas Energy Consulting)	Approved	09/21/2020	09/21/2020	10/05/2020		
W09 - Foundation Conduit and Grounding	W09-3	0	Power Conduit Through Anchor Bolts		Open							Keaton Voeghtly (Mortenson - Power Delivery Solutions)							
W07 - Foundations	W07-47	0	Stone Column Testing and Inspection Reports		Open		12/30/2020					Thea Daguison (Mortenson - Wind Energy)	Thea Daguison (Mortenson - Wind Energy) Charles Beauzay (Barr Engineering Company)	Submitted Approved	12/05/2020	12/05/2020 12/07/2020	12/16/2020 12/30/2020		
W07 - Foundations	W07-25	0	Geotechnical Engineer's Subgrade Inspection Report	Test Reports	Open		12/30/2020	06/01/2020				Jalen Saunders (Mortenson - Civil Group)	Jalen Saunders (Mortenson - Civil Group) Charles Beauzay (Barr Engineering Company)	Pending Pending			12/16/2020 12/30/2020		



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W07 - Foundations	W07-24	0	Engineer Fill Compaction Under Foundation	Test Reports	Open		12/30/2020	06/01/2020				Jalen Saunders (Mortenson - Civil Group)	Jalen Saunders (Mortenson - Civil Group) Charles Beauzay (Barr Engineering Company)	Pending Pending			12/16/2020 12/30/2020	
W07 - Foundations	W07-21	0	Grout Cube Strength Test Results	Test Reports	Open		03/05/2021	10/30/2020				Mitch Holsinger (Mortenson - Wind Energy) Aaron Miller (Mortenson - Wind Energy)	Mitch Holsinger (Mortenson - Wind Energy) Aaron Miller (Mortenson - Wind Energy) Charles Beauzay (Barr Engineering Company)	Pending Pending Pending			02/19/2021 02/19/2021 03/05/2021	
W07 - Foundations	W07-20	0	Anchor Bolt Tension Test Data	Test Reports	Open			10/30/2020				Tony Iglesias Ramirez (Mortenson - Wind Energy)						
W07 - Foundations	W07-7	0	Common Backfill Reports	Field Quality-Control Reports	Open		12/30/2020	06/25/2020				Jalen Saunders (Mortenson - Civil Group)	Jalen Saunders (Mortenson - Civil Group) Charles Beauzay (Barr Engineering Company)	Pending Pending			12/16/2020 12/30/2020	
W05 - Crane Pads and WTG Erection Areas	W05-1	0	Proposed Crane Path	Coordination Drawings	Open	Mortenson - Wind Energy	08/18/2020		Crane Path	Zach Burds		Zach Burds (Mortenson - Wind Energy)	Matt Pellinen (Solus Energy Consulting) Taylor Schrinier (Westwood Professional Services Inc)	Approved For Record Only	08/11/2020 09/24/2020	09/24/2020 09/25/2020	08/18/2020 08/18/2020	
W01 - Supervision and Field Office	W01-3	1	Kings Point - MET Tower Turnover Book Table of Contents		Open	Mortenson - Wind Energy	11/20/2020	11/20/2020				Logan Bell (Solus Energy Consulting) Matt Pellinen (Solus Energy Consulting)	Thea Daguison (Mortenson - Wind Energy) Logan Bell (Solus Energy Consulting) Matt Pellinen (Solus Energy Consulting)	Submitted Pending Pending	11/11/2020 11/11/2020	11/11/2020	11/11/2020 11/20/2020 11/20/2020	

**Exhibit F – Cost Issue Log**

**\*HC\*Highly Confidential in its Entirety\*HC\***



PUBLIC VERSION



PUBLIC VERSION



**Exhibit G – Permit Matrix**



Kings Point Wind, LLC - Permit Matrix

Item	Agency	Permit / Approval	Description	Responsibility	Status	Notes	Uploaded in Procore
<b>FEDERAL PERMITS</b>							
1a	Federal Energy Regulatory Commission (FERC)	Large Generator Interconnection Agreement (LGIA) or interim LGIA	Must be filled out for any generating facility having a capacity of more than 20 MW.	Owner	Complete		1. LGIA Report
1b		Market-Based Rate Authority and Tariff		Owner	Complete	2/17 - Liberty will file a week before the 60 days prior to test energy 7/10 - Uploaded FERC Affiliate Waiver	1. FERC Affiliate Waiver
1c		EPA Sec 204 Authority		Owner	Not needed per Becky		
2a	Environmental Protection Agency (Region 7) (EPA) in coordination with the state if required	Phase 1 Environmental Site Assessment	CERCLA governs liability for contaminated properties. 42 U.S.C. § 9601 et seq.	Owner	Complete	3/12 - Received the Final Phase 1 ESA Report - address any unforeseen hazardous/conditions: stop all work and discuss with environmental team	1. Phase 1 ESA Report
2b		Spill Prevention Control and Countermeasure (SPCC) Plan	Needed if turbine commissioning or construction activities will require oil storage in excess of 1320 gallons.	Contractor	Complete	5/28 - finalizing SPCC after receiving comments from Westwood's visit on 4/21 6/11 - Signed SPCC is uploaded to Procore	1. Signed SPCC
3	Federal Communications Commission (FCC) / National Telecommunications and Information Administration ("NTIA")	Letters of Concurrence	Microwave and Beam Path Study Telecommunications Act of 1996 Compliance with the Telecommunications Act of 1996. 47 U.S.C. § 151 et seq. 47 CFR 1.4000. Regulations regarding interference with "over-the-air" reception devices" ("OTARD") as demonstrated in Microwave and Beam Path Study and acknowledgment from NTIA. <b>Once applicants obtain a No Hazard Determination from the FAA, the ASR requires applicants to submit the FAA's study number, along with FCC Form 854, to the Commission.</b>	Owner	Complete	2/7 - CommSearch (did the report) is working on submitting the final docs 4/2 - All repeaters are in compliance with FCC licenses	1. Microwave Beam Path Report 2. NTIA
4	U.S. Department of Energy Information Administration (EIA)	EIA 860 (and extension form 860-M)	Pursuant to 15 U.S.C. 772, all electric generating plants that have or will have a nameplate rating of 1 MW or more, and that are operating or plan to be operating within 5 years must complete and submit Form EIA 860 (and by extension, form 860-M) to the EIA (a division of the Department of Energy) within 18 months of the generator beginning commercial operations.	Owner	Complete	3/12 - An additional annual report will be uploaded in March in Procore (W34-7 Rev 1)	1. EIA 860 Report
5a	U.S. Department of Agriculture (USDA)	Conservation / Grassland / Wetland Easement and Reserve Agriculture Program Releases and Consents ("CRP")	Required for addition of project structures on properties enrolled in reserve programs require federal approval. Releases for any property removed from Conservation Easement, Grassland Easement, or Wetland Easement Programs.	Owner	Complete	2/7 - property owner needs to complete the process; in progress 9.15.2020 Landowner (Schuchmann) kept property in CRP, but there are no infrastructures of any kind on property.	1. (2) documents of Conservation Reserve Program Contract
5b		Form AD-1006	If federal agencies are involved then the Farmland Protection Policy Act (FPP A) requires a review of the conversion of prime farmland to other uses	Owner	Complete	2/7 - property owner needs to complete the process; in progress 5/2 - possibly not applicable for Kings Point 6/3 Becky - Action Item: Becky to respond on Procore stating this is not applicable to Kings Point	
5c		FSA Mortgage Subordinations & Site-Specific Environmental Assessments	Required if FSA mortgage is in place on parcel. Associated with FSA Mortgage Site-Specific Environmental Subordinations Assessments	Owner	Complete	2/7 - property owner needs to complete the process; in progress 5/2 - possibly not applicable for Kings Point 6/3 Becky - Action Item: Becky to respond on Procore stating this is not applicable to Kings Point	
6a	U.S. Fish and Wildlife Service (USFWS) - Missouri Ecological Services Field Office	Section 7 Consultations (Endangered Species Act)	Required under the Endangered Species Act to ensure the effects of the federal action (i.e., USFWS take permits and USACE Clean Water Act Sec 404 permit) will not adversely affect threatened or endangered species. Regulates the incidental take of gray bats or bald or golden eagles as well as the temporary and permanent impacts to waters of the United States. Federal action agency (USFWS and Corps of Engineers) will issue a Biological Assessment to USFWS which starts either an informal consultation leading to concurrence, or a formal consultation leading to a Biological Opinion and likely an ESA Sec 10 Incidental Take Permit.	Owner	Complete	1. Bird Bat Work Plan 2. Site Characterization Study 3. Eagle Conservation Plan - DRAFT & waiting on finalized report 4. Habitat Conservation Plan  Becky submitted permit application for Eagle Plan 2/7 - Submitted the eagle incidental take permit and will upload final reports in Procore 7/10 - Environmental Compliance is completed	1. Environmental Compliance
6b		Technical Assistance Letter	Bridge to Incidental Take Permit for gray bat, and comfort from USFWS that the Project Company is taking appropriate action to protect all threatened and endangered species during construction and operations until the ITP is issued. Voluntary action by the Project Company. Terms are negotiated with USFWS.	Owner	Complete	12/10 - We have.	1. TAL
7	U.S. Army Corps of Engineers (USACE) - Little Rock District	Clean Water Act, Section 404; Nationwide Permits (NWP) 12, 14, 33, 51	Meet the threshold conditions of temporary and permanent impacts to jurisdictional waters for each NWP.	Owner	In Progress	4/2 - Final signature pending until end of project (Liberty's court)	1. USACE Letter
8a	Federal Aviation Administration (FAA) - Central Region Office	Federal Aviation Administration Notification Form 7460-1	Determination of No Hazard (DNH) for the applicable structures	Owner	Complete	3/12 - NFR DNH uploaded in Procore	1. DNH Letters 2. Aeronautical Study List
8b		Federal Aviation Administration Notification Form 7460-2	Submit Form 7460-2 on a schedule in accordance with the DNH for applicable structures	Owner and Contractor <sup>(1)</sup>	In Progress	4/2 - MAM to submit bi-weekly reports on the final elevations of each turbine erected within 5 days 10/26 - MAM continuing to send bi-weekly reports	
9	Federal Emergency Management Administration (FEMA) - Missouri Water Resources Board - Missouri Floodplain Managers Associations- Barton and Jasper counties	Floodplain Development Permit	Required for structures within the 100 year flood plain. A permit is required for development (substantial improvement to a structure, or new fill, excavation, or other floodplain use) from the floodplain board or accredited floodplain administrator.	Owner	Complete	2/7 - Liberty needs additional info from Scott Rowland; close to being finalized 3/12 - Open RFI discussing 5/2 - Liberty working on submittal 6/3 - Permit uploaded in Procore	1. Flood Plain Permit
10	Federal Land Manager (BLM, USBR, Forest Service)	Right Of Way Crossing Permits	Right-of-Way grant over federal lands. Not required if project does not cross federal lands. Not applicable under proposed site plan.	Owner	Not needed per Becky	Project will not cross federal lands - Not Applicable per Becky	
<b>STATE PERMITS</b>							
11	Missouri Public Service Commission Utilities Board	Certificate of Public Convenience, Use, and Necessity		Owner	Complete		1. Appendix A 2. Certificate
12	Missouri Water Resources Board	Flood Plain Permit	A permit is required for development (substantial improvement to a structure, or new fill, excavation, or other floodplain use) from the floodplain board or accredited floodplain administrator.	Owner and Contractor <sup>(1)</sup>	Complete	3/12 - Liberty is working on finalizing flood plain permit 5/2 - Liberty to upload on Procore (reference Item 9 above) 6/3 - Permit uploaded in Procore (reference Item 9)	1. Flood Plain Permit
13a	Missouri Department of Natural Resources (MDNR)	Missouri Land Disturbance Permit	National Pollutant Discharge Elimination System Permit - Storm water Discharge Associated with Construction. Required for storm water runoff from construction areas > 1 acre Submit a Notice of Intent (NOI) and a Storm water Pollution Prevention Plan (SWPPP) as required by MDNR. Submit Notice of Termination (NOT) prior to site being stabilized as required by MDNR 303(d) waters might have additional discharge restrictions outlined in the SWPPP	Owner and Contractor <sup>(2)</sup>	Complete		1. SWPPP Narrative (documents section of Procore) 2. NOI
13b		New Source Review Permit (Construction Permit)	Required if a concrete batch plant will be onsite during wind farm construction.	Contractor	Complete	12/10 - We have air quality & discharge permits uploaded in Procore.	1. Air Quality Permit 2. Discharge Permit
13c		Clean Water Act Section 401 Water Quality Certification	Regulates Federally permitted activities (Section 404 Individual or NWP) that results in discharges to waters of the U.S. that could violate state water quality standards 401 Water Quality Certification from MDNR is required. Certification is automatically granted for certain Nationwide Permits as long as permit conditions are followed.	Owner	Complete	3/12 - General and Specific Conditions was submitted but not the actual Certification	1. Clean Water 401 Certification 2. Signed NWP Letter 3. NWP 12, 14, 33
13d		Water well permit (private)		Contractor	Complete	4/2 - uploaded in Procore	1. KP Water Well Permit

13e		Water Use registration	Any surface or groundwater user with a water source and the equipment necessary to withdraw or divert 100,000 gallons or more per day (70 gallons per minute) from any stream, river, lake, well, spring or other water source is considered a major water user in Missouri. All major water users are required by law to register water use annually. The Department of Natural Resources does not regulate the use of water – only the amount of water a major water user has the potential to use.	Contractor	Complete	Batch plant will only be using 30,000 gallons/day. 5/27 - MAM working on rural water connection for O&M building then obtain a formalized document for water connection 7/17 - MAM need to submit "Requesting Connection Form" 8/13 - <b>New Meter Agreement uploaded in Procure</b>	1. New Meter Agreement	
14	Missouri State Historic Preservation Office (SHPO)	Concurrence that the federal action (CWA Sec 404 permit) will have <i>little likelihood to cause effect</i> on cultural resources within each federal action area. (National Historic Preservation Act Section 106.)	Consultation with MoSHPO may be required under Section 106 of the National Historic Preservation Act (NHPA) if the federal action agency cannot reach a <i>little likelihood to cause effect</i> conclusion. Archaeological and architectural surveys and preparations of reports. Consultation with MoSHPO may be required if the federal action agency cannot reach a <i>little likelihood to cause effect</i> conclusion. Government-to-government consultation with Tribes will occur.	Owner	Complete		1. SHPO Letters	
15a		Missouri Highways and Transportation Commission Permit to Work on Right of Way Non-Local Government Projects	Required for any work within MoDOT maintained rights-of-way. Authorization for equipment, manpower, ect to perform work in ROW. Maintenance Agreement required to perform road upgrades and maintenance during construction	Owner and Contractor <sup>(1)</sup>	Complete	5/2 - ROW Agreement uploaded on Procure by Becky	1. KP MoDot Maintenance Agreement	
15b		Entrance / Excavation Permits	For temporary and permanent access driveways off State roads. Also applies to intersection modifications	Owner and Contractor <sup>(4)</sup>	Complete	5/2 - County and MODot entrance permits are uploaded on Procure		
15c	Department of Transportation	Utility Permits - Collection	Applies to all collection lines that enter the state right-of-way	Owner and Contractor <sup>(4)</sup>	Complete	5/28 - Collection IFC obtained on 5/22 6/3 - ROW bore permits for Lawrence (Hwy C and AA) is obtained; currently working on permits for Jasper 7/10 - ROW bore permits for Jasper obtained; waiting on Magellan permits 7/17 - Becky to upload Magellan and Souther Star Permit on Procure 8/10 - Received Magellan confirmation to proceed; waiting on Agreement documents 8/18 - Becky to upload Magellan and Souther Star Agreements on Procure to close out this submittal Both <b>agreements available to upload</b>	<b>Bore Permits:</b> 1. RT AA 2. RT C 3. Sumac Rd, Ridge Rd 30, CR 30, CR 10 4. RT C 5. Rte NN 6. Rte NN Dade 7. Rte NN Dade 8. Rte 37 9. Rte B	
15d		Utility Permits - Gen-Tie		Owner and Contractor <sup>(4)</sup>	Complete	4/2 - Obtained T-Line IFC. 6/3 - MAM working on final exhibits to provide to Magellan. Will Southern Star need similar exhibits? 6/3 Becky - Action Item: Becky to discuss with Shaen Rooney and follow up with T-line permits especially Southern Star 8/18 - Becky to upload Magellan and Souther Star Agreements on Procure to close out this submittal Both agreements available to upload 10/26 - KAMO crane crossing permit amendment pending (Liberty's court) 11/3 - Becky to upload KAMO amendment on Procure 11/24 - Amendment uploaded to Procure	1. Southern Star Agreement 2. Magellan Pipeline Agreement	
15e		Oversize/Overweight Permit for State Highways	Delivery of oversized/ overweight project components	Contractor and Vestas <sup>(5)</sup>	In Progress	Vestas to handle component delivery trucks. 5/2 - KP is aware they must file a permit with MODot engineer 10-14 days in advance to crawler crane crossing highways 5/27 - KP working on exhibits to provide MODot 8/18 - <b>KP team continuing to coordinate with MODot</b>	Issued Permits: 1. RT AA & Farm Rd 2010 2. RT C & RT AA 3. RT NN & Dade 67 4. RT NN & Lawrence 1030	
16a	Missouri Department of Public Safety - Fire Safety	Notification of Blasting Operations	Any individual, proprietorship, partnership, firm, corporation, or company which uses explosives in Missouri shall register with the division prior to using explosives. The initial registration shall state the name of the person, address, telephone number, facsimile number, e-mail address, and name of the principal individual having responsibility for supervision of the use of explosives.	Contractor	Complete	5/4 - Blasting plan and license uploaded in Procure 6/3 Thea - Action Item: Upload email correspondence regarding the notification form 7/10 - Email Correspondence is on Procure already	1. KP Blasting Plan 2. KP Blasting License 3. Notification Form 4. Email Correspondence	
16b		Plan Review Submittal Form	State Statute 327.101 requires that any building which is more than 20,000 cubic feet in size OR has more than nine (9) occupants must have blueprints prepared by a registered architect.	Contractor		5/2 - Not required by MO Division of Fire Safety per Becky		
<b>LOCAL PERMITS</b>								
17a		Building Permit	If required	Contractor		2/7 - no zoning permit required for Lawrence per Becky		
17b		Waste water disposal - if required	If required	Contractor	Complete	5/2 - MAM working on getting an address for Substation; verify if we need it for the O&M as well 5/27 - Uploaded in Procure	1. Waste Water Tank Application	
17c		Oversize/ Overweight Permits	If required	Contractor and Vestas <sup>(5)</sup>	Complete	Vestas to handle component delivery trucks. 5/2 - KP is aware we must notify Barton & Jasper Counties 24 hrs in advance to crawler crane crossings and notify Dade & Lawrence Counties 5 days in advance 8/13 - Obtained County points of contact for crane crossing notification		
17d	Barton, Jasper, Dade, Lawrence County [Kings Point Site]	Road Use Agreement and Project Implementation Agreement		Owner and Contractor <sup>(6)</sup>	Complete		1. Jasper County RUA 2. Dade County RUA 3. Lawrence County RUA 4. Barton County RUA 5. KP MODot RUA 6. KP - Exhibit B Inspection Report 7. App 2 - Exhibit A.4 - RUA Cover Sheet	
17e		Utility and Pipeline Crossing Permits	Local utilities and pipelines crossings as required	Owner and Contractor <sup>(7)</sup>	Complete	6/3 - See Item 15c and 15d for reference. MAM working on final exhibits to provide to Magellan. Will Southern Star need similar exhibits? 6/3 Becky - Action Item: Becky to discuss with Shaen Rooney and follow up with T-line permits especially Southern Star 8/18 - Becky to upload Magellan and Souther Star Agreements on Procure to close out this submittal <b>Agreements available for upload</b>	1. Southern Star Agreement 2. Magellan Pipeline Agreement	
17f		Jasper County Site Development Permit	Applies to disturbance on 1 acre or more. Not applicable to areas outside the unincorporated urbanized area of Jasper County.	Contractor		Not applicable to Kings Point project per Becky		
		Jasper County Railroad Crossing Permit			Complete	5/28 - T-line crosses over Railroad Tracks and needs to have concrete truck drive over railroad trucks for T-line foundations. 6/3 Becky - Action Item: Becky to discuss with Shaen Rooney and follow up with any permits necessary for Jasper rail road	1. Union Pacific Agreement	

(1) Contractor to assist in form development, Owner to submit.  
(2) Contractor to provide Storm Water Pollution Prevention Plan; Owner files NOI and obtains the NPDES permit  
(3) Owner shall obtain the permits identified in exhibits U-1 and U-2 to the MODot Road Use Agreement set forth in Appendix 4, Exhibit A.4. Contractor shall obtain all other permits necessary to perform work within the MODot right of way including but not limited to road widening, credit/in intersection  
(4) Contractor shall be responsible for obtaining the identified permits, except that Owner shall post any required security.  
(5) Contractor and Vestas to each obtain permits as necessary oversize/overweight loads, respectively.  
(6) Contractor to perform necessary upgrades and maintenance during construction. Owner shall be responsible for posting any required security.  
(7) Contractor to provide necessary support in obtaining such crossing permits and Owner to execute.  
In the event that any permit is required to perform the work that is not identified above, Contractor or owner, as applicable, shall promptly, after it becomes aware of the need for such permit, notify the other Party that such permit is required. Contractor or Owner, as applicable, shall be responsible

**Exhibit H – Safety Reports**



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## Investigation Report




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## Project Details at Time of Incident

<b>Event Type</b>	Incident	<b>Event Number</b>	EV2020230637
<b>Event Subtype</b>	Injury	<b>Brief Description</b>	Team member slipped and twisted knee inside a can section, on the ground, while flipping bolts on the ladder.
<b>Diamond Event</b>	No	<b>Project Manager</b>	Butz, Lucas Arthur
<b>Project Number</b>	19141024	<b>Project Superintendent</b>	Vick, Mark
<b>Project Name</b>	Kings Point Wind	<b>Area/Assistant Superintendent</b>	
<b>Address Line 1</b>	850 Base Line Road	<b>Address City, State Postal Code</b>	Golden City, MO 64748
<b>Address Line 2</b>			
<b>General Foreman/Foreman</b>			
<b>Date Occurred (MM/DD/YYYY)</b>	11/11/2020	<b>Time Occurred (HH:MM)</b>	10:30 AM
<b>Event Reported By</b>	Mortenson	<b>Name</b>	
<b>Work Being Performed By</b>	Mortenson	<b>Name</b>	
<b>Location of Incident</b>	T-100		
<b>Environmental Conditions at the time of the Incident</b>			
Temperature 33 - 85 deg. F.			

## Injured Persons

## Injured Person Detail for

<b>Employed By</b>	Mortenson	<b>Name</b>	
<b>Injury Severity</b>	First Aid On Site		
<b>Description of unsafe conditions</b>			
<b>Unsafe Conditions Include</b>			
<b>Treatment Status</b>	Treated on site		
<b>Facility Type</b>		<b>Facility Name</b>	
<b>Person Was Wearing</b>	Hardhat, Hi-Vis Vest, Boots, Safety Glasses, Gloves		
<b>Person Was Wearing Other Description</b>			
<b>Description of Task</b>	Team member was flipping bolts inside can sections so that the HV cable can be clamped down properly inside the V120s.	<b>Division of Work</b>	91 - Wind Uni-Format
		<b>Subdivision of Work</b>	91A11 - WTG Erection

## Injuries

<b>Injury Type</b>	Strain/Muscle Pull	<b>General Body Part</b>	Leg/Foot	<b>Specific Body Part</b>	Right Knee
<b>Treatment Date</b>	11/11/2020 12:00:00 AM	<b>Cause</b>		<b>Other Injury (Not Listed)</b>	
<b>Activity</b>		<b>Drug Testing Completed</b>	No	<b>No Drug Testing Explanation</b>	N/A
<b>Description Of Restrictions</b>	N/A				

## Unsafe Conditions, Hazards, or Exposures

**Description of unsafe conditions** Condensation inside the tower section.  
**Unsafe Conditions Include** Walking/Working Surface, Other

## Attachments

There are currently no Attachments for this event.

## Immediate Corrective Actions Taken

There are currently no Immediate Corrective Actions Taken for this event.

<b>Links</b>	Edit
--------------	------

There are currently no Links for this event.

<b>Witnesses</b>	Edit
------------------	------

There are currently no Witnesses for this event.

<b>Preventive Actions Taken</b>	Edit
---------------------------------	------

**Preventive Action Taken** Discussion with crew completing this task on the importance of identifying specific walking/working surface hazards for this activity.

<b>Taken By</b>	Mortenson	<b>Name</b>	Osterman, Jacob
<b>Date Due</b>	11/12/2020	<b>Date Completed</b>	

<b>Impacts</b>	Edit
----------------	------

<b>Mortenson Total Labor (Hours)</b>	No Labor Impact
<b>Mortenson Material Cost (Dollars)</b>	No Cost Impact
<b>Mortenson Impact to a Task/Activity</b>	No Impact to Schedule
<b>Subcontractor Labor (Hours)</b>	
<b>Subcontractor Material Cost (Dollars)</b>	
<b>Subcontractor Task/Activity (Days)</b>	
<b>Customer Cost (Dollars)</b>	No Cost Impact
<b>Customer Project Schedule (Days)</b>	No Impact to Schedule
<b>Customer Relations Impact</b>	Minor Impact (Customer has concerns, but no consequences are expected.)
<b>Other Impacts</b>	

<b>Key Contributing Factors</b>	Edit
---------------------------------	------

Event was related to unplanned work or rework:	No	
Worker(s) has appropriate qualification/certification:	Yes	
Appropriate permits in place at the time of the event:	Yes	
Hours Completed day of incident:	3	Hours Completed week of incident:
Process Contributing Factors:		
Design Engineering Deficiency Factors:		
Material Deficiency Factors:		
Other External Factors:	Other	
Other Material Deficiency Contributing Factors	Condensation.	
Description:		
Additional Information:		

<b>Equipment/Tools In Use</b>	Edit
-------------------------------	------

There are currently no Equipment/Tools for this event.

<b>Materials In Use</b>	Edit
-------------------------	------

There are currently no Materials for this event.

<a href="#">Return To Home/Search</a>	<a href="#">Submit Investigation</a>
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Initial Report submitted by Osterman, Jacob (Jake) on 11/11/2020 12:18:11 PM



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Project Details at Time of Incident

[Edit](#)

<b>Event Type</b>	Incident	<b>Event Number</b>	EV2020230904
<b>Event Subtype</b>	Property Damage	<b>Brief Description</b>	While stabbing blades, the blade studs made contact with the nacelle. Damaging fiber glass.
<b>Diamond Event</b>	No	<b>Project Manager</b>	Butz, Lucas Arthur
<b>Project Number</b>	19141024	<b>Project Superintendent</b>	Langston, James
<b>Project Name</b>	Kings Point Wind	<b>Area/Assistant Superintendent</b>	Ellis, John
<b>Address Line 1</b>	850 Base Line Road	<b>Address City, State Postal Code</b>	Golden City, MO 64748
<b>Address Line 2</b>			
<b>General Foreman/Foreman</b>	Cook, Jason		
<b>Date Occurred (MM/DD/YYYY)</b>	11/11/2020	<b>Time Occurred (HH:MM)</b>	02:00 PM
<b>Event Reported By</b>	Mortenson	<b>Name</b>	Hanks, Cameron
<b>Work Being Performed By</b>	Mortenson	<b>Name</b>	Cowart, Dillon
<b>Location of Incident</b>	T-29		
<b>Environmental Conditions at the time of the Incident</b>			
Clear Sky			

Property Damage

[Edit](#)

<b>Property Damage Type</b>	New Construction	<b>PropertyDamageSubType</b>	Structural
<b>Ownership Type</b>		<b>OwningLeasingParty</b>	Customer
<b>Company Name</b>		<b>Telephone Number</b>	
<b>Damage Description</b>	the blade studs made contact with the nacelle, puncturing the nacelle face on the bottom left of the main bearing.	<b>Damage Cause</b>	Drop/Impact/Collision
<b>Property Damage Estimated Value</b>	\$1 - \$5,000	<b>Damage Final Value</b>	
<b>Drug Testing Completed</b>	No	<b>No Drug Testing Completed Explanation</b>	Team was placed on covid QT the next day

Unsafe Conditions, Hazards, or Exposures

[Edit](#)

Description of unsafe conditions

**Unsafe Conditions Include** Cranes/Rigging, Pinch Point, Struck By/Against, Property Damage, Unsafe Act

Attachments

[Edit](#)

Attachment

- [IMG\\_2753.jpg](#)
- [IMG\\_2754.jpg](#)

Immediate Corrective Actions Taken

[Edit](#)

**Immediate Corrective Action Taken** Investigation is under review while the team is out on quarantine.

**Taken By** Mortenson **Name** Ellis, John

**Date Completed**

Links

[Edit](#)

There are currently no Links for this event.

Witnesses

[Edit](#)

First Name	Last Name	Employed By	Company Name	Title	Phone
Jordan	Cook	Mortenson		Non-Union Wind Ironworker.IIa	

Preventive Actions Taken

[Edit](#)

There are currently no Preventive Actions Taken for this event.

Impacts

[Edit](#)

There are currently no Impacts for this event.

Subcontractor Task/Activity (Days)

Customer Project Schedule (Days)

Key Contributing Factors [Edit](#) 

There are currently no Key Contributing Factors for this event.

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Initial Report submitted by Miller, Aaron William on 11/14/2020 9:02:02 AM

Mortenson Proprietary



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Project Details at Time of Incident

[Edit](#)

<b>Event Type</b>	Incident	<b>Event Number</b>	EV2020230892
<b>Event Subtype</b>	Property Damage	<b>Brief Description</b>	The MCC crew discovered a damaged ladder rung from a previous day of work
<b>Diamond Event</b>	No	<b>Project Manager</b>	Butz, Lucas
<b>Project Number</b>	19141024	<b>Project Superintendent</b>	Vick, Mark
<b>Project Name</b>	Kings Point Wind	<b>Area/Assistant Superintendent</b>	
<b>Address Line 1</b>	850 Base Line Road	<b>Address City, State Postal Code</b>	Golden City, MO 64748
<b>Address Line 2</b>			
<b>General Foreman/Foreman</b>			
<b>Date Occurred (MM/DD/YYYY)</b>	11/12/2020	<b>Time Occurred (HH:MM)</b>	04:00 PM
<b>Event Reported By</b>	Mortenson	<b>Name</b>	Tims, Leon
<b>Work Being Performed By</b>	Subcontractor	<b>Name</b>	Brooks, James
<b>Is a Prime Subcontractor? (Project has a contract with this sub)</b>	Yes	<b>Company Info</b>	
		<b>Company Name</b>	SENTRY ELECTRICAL GROUP INC
		<b>Phone</b>	
		<b>Title</b>	Foreman
<b>Location of Incident</b>	T-55		
<b>Environmental Conditions at the time of the Incident</b>			
Temperature 33 - 85 deg. F.			

Property Damage

[Edit](#)

<b>Property Damage Type</b>	New Construction	<b>PropertyDamageSubType</b>	Structural
<b>Ownership Type</b>	Owned	<b>OwningLeasingParty</b>	Customer
<b>Company Name</b>		<b>Telephone Number</b>	
<b>Damage Description</b>	A ladder rung on the tower was bent off	<b>Damage Cause</b>	Drop/Impact/Collision
<b>Property Damage Estimated Value</b>	\$1 - \$5,000	<b>Damage Final Value</b>	
<b>Drug Testing Completed</b>	No	<b>No Drug Testing Completed Explanation</b>	Not Necessary

Unsafe Conditions, Hazards, or Exposures

[Edit](#)

**Description of unsafe conditions** The damaged ladder rung creates a hazard for climbers  
**Unsafe Conditions Include** Property Damage

Attachments

[Edit](#)

Attachment

[Ladder Rung Damage.pdf](#)

Immediate Corrective Actions Taken

[Edit](#)

**Immediate Corrective Action Taken** Emphasis on reporting incidents right away as well as fixed the damaged rung  
**Taken By** Mortenson **Name** Langston, James  
**Date Completed** 11/13/2020

Links

[Edit](#)

There are currently no Links for this event.

Witnesses

[Edit](#)

There are currently no Witnesses for this event.

Preventive Actions Taken

[Edit](#)

There are currently no Preventive Actions Taken for this event.

[Edit](#)





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## Closed Report

Initial Closed

## Project Details at Time of Incident

<b>Event Type</b>	Potential Incident	<b>Event Number</b>	EV2020230963
<b>Event Subtype</b>	Near Miss	<b>Brief Description</b>	While straightening the 400v cable at the m1/m2 deck, the plugs came apart resulting in the cable falling to the base/m1 hatch.
<b>Diamond Event</b>	No	<b>Project Manager</b>	Januszewski, Ryan
<b>Project Number</b>	19141024	<b>Project Superintendent</b>	Ellis, John
<b>Project Name</b>	Kings Point Wind	<b>Area/Assistant Superintendent</b>	Burds, Zachary
<b>Address Line 1</b>	850 Base Line Road	<b>Address City, State Postal Code</b>	Golden City, MO 64748
<b>Address Line 2</b>			
<b>General Foreman/Foreman</b>	Reagan, Gregory		
<b>Date Occurred (MM/DD/YYYY)</b>	11/16/2020	<b>Time Occurred (HH:MM)</b>	08:30 AM
<b>Event Reported By</b>	Mortenson	<b>Name</b>	Holsinger, Mitchell
<b>Work Being Performed By</b>	Mortenson	<b>Name</b>	Hanks, Cameron
<b>Location of Incident</b>	T-25		
<b>Environmental Conditions at the time of the Incident</b>			
Temperature 33 - 85 deg. F.			

## Unsafe Conditions, Hazards, or Exposures

<b>Person Exposed to Unsafe Condition or Hazard was Wearing</b>	Hardhat, Hi-Vis Vest, Boots, Fall Protection, Safety Glasses, Gloves		
<b>Employed By</b>	Mortenson	<b>Name</b>	Hanks, Cameron
<b>Description of unsafe conditions</b>			
<b>Unsafe Conditions Include</b>	Falling Material		

## Attachments

There are currently no Attachments for this event.

## Immediate Corrective Actions Taken

<b>Immediate Corrective Action Taken</b>	Foreman instructed crew on the proper knot to tie cords so they do not come apart.		
<b>Taken By</b>	Mortenson	<b>Name</b>	Hatten, Matthew
<b>Date Completed</b>	11/16/2020		

## Links

There are currently no Links for this event.

## Witnesses

There are currently no Witnesses for this event.

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Initial Report Submitted by Osterman, Jacob (Jake) on 11/16/2020 4:15:34 PM



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## Closed Report

Initial Closed

## Project Details at Time of Incident

<b>Event Type</b>	Potential Incident	<b>Event Number</b>	EV2020231019
<b>Event Subtype</b>	Near Miss	<b>Brief Description</b>	Alignment pin(from manufacturer) fell from M3/Top deck and landed on M2/M3 deck. No TMs were below the pin when it actually fell, but they had been exposed to the falling object hazard while working in the tower.
<b>Diamond Event</b>	Yes	<b>Project Manager</b>	Butz, Lucas Arthur
<b>Project Number</b>	19141024	<b>Project Superintendent</b>	Ellis, John
<b>Project Name</b>	Kings Point Wind	<b>Area/Assistant Superintendent</b>	Burds, Zachary
<b>Address Line 1</b>	850 Base Line Road	<b>Address City, State Postal Code</b>	Golden City, MO 64748
<b>Address Line 2</b>			
<b>General Foreman/Foreman</b>	Reagan, Gregory		
<b>Date Occurred (MM/DD/YYYY)</b>	11/17/2020	<b>Time Occurred (HH:MM)</b>	05:00 PM
<b>Event Reported By</b>	Mortenson	<b>Name</b>	Hatten, Matthew
<b>Work Being Performed By</b>	Mortenson	<b>Name</b>	Hatten, Matthew
<b>Location of Incident</b>	T-46		
<b>Environmental Conditions at the time of the Incident</b>			
Temperature 33 - 85 deg. F.			

## Diamond Event Details

## Explain why this is a Diamond Event?

This event was a Diamond Event because connectors and torquers had been working under this falling object hazard before it fell down tower.

## What was the actual impact or potential impact?

The potential impact of this alignment pin striking a team member could have resulted in a serious injury or death.

## What was the Diamond Event lesson learned?

The lesson learned was to create a receiving checklist form to specifically document there are no items left from manufacturing that could present a falling object hazard to team members.

## Unsafe Conditions, Hazards, or Exposures

**Person Exposed to Unsafe Condition or Hazard was Wearing** Hardhat, Hi-Vis Vest, Boots, Fall Protection, Safety Glasses, Gloves

**Employed By** Mortenson **Name** ,

**Description of unsafe conditions** Falling alignment pin.

**Unsafe Conditions Include** Falling Material

## Attachments

## Attachment

[11.17 Alignment Pin .jpg](#)
[Tower Part Inspection.xlsx](#)

## Immediate Corrective Actions Taken

**Immediate Corrective Action Taken** Safety stand down to address all crews on the falling object hazard.

**Taken By** Mortenson **Name** Ellis, John

**Date Completed** 11/18/2020

**Immediate Corrective Action Taken** Creation of a tower inspection sheet to utilize during receiving to check components for potential falling items.

**Taken By** Mortenson **Name** Miller, Aaron

**Date Completed** 11/18/2020

## Links

There are currently no Links for this event.

## Witnesses

There are currently no Witnesses for this event.

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## Project Details at Time of Incident

<b>Event Type</b>	Incident	<b>Event Number</b>	EV2020230636
<b>Event Subtype</b>	Property Damage	<b>Brief Description</b>	Team member struck deer while driving into work this morning.
<b>Diamond Event</b>	No	<b>Project Manager</b>	Butz, Lucas Arthur
<b>Project Number</b>	19141024	<b>Project Superintendent</b>	Vick, Mark
<b>Project Name</b>	Kings Point Wind	<b>Area/Assistant Superintendent</b>	
<b>Address Line 1</b>	850 Base Line Road	<b>Address City, State Postal Code</b>	Golden City, MO 64748
<b>Address Line 2</b>			
<b>General Foreman/Foreman</b>			
<b>Date Occurred (MM/DD/YYYY)</b>	11/11/2020	<b>Time Occurred (HH:MM)</b>	05:30 AM
<b>Event Reported By</b>	Mortenson	<b>Name</b>	Garrison, Shannon
<b>Work Being Performed By</b>	No Construction Related Work was in Progress	<b>Name</b>	
		<b>Company Info</b>	
		<b>Company Name</b>	Mortenson
		<b>Phone</b>	
		<b>Title</b>	
<b>Location of Incident</b>	Highway 37		
<b>Environmental Conditions at the time of the Incident</b>	Temperature below 32 deg. F, Night/Dark		

## Property Damage

<b>Property Damage Type</b>	Vehicle	<b>PropertyDamageSubType</b>	
<b>Ownership Type</b>	Owned	<b>OwningLeasingParty</b>	Mortenson
<b>Company Name</b>		<b>Telephone Number</b>	
<b>Damage Description</b>	Damage to front grill and bumper.	<b>Damage Cause</b>	Drop/Impact/Collision
<b>Property Damage Estimated Value</b>	\$1 - \$5,000	<b>Damage Final Value</b>	
<b>Drug Testing Completed</b>	No	<b>No Drug Testing Completed Explanation</b>	N/A

## Unsafe Conditions, Hazards, or Exposures

**Description of unsafe conditions** Deer ran out in front of vehicle.  
**Unsafe Conditions Include** Struck By/Against, Other, Property Damage

## Attachments

## Attachment

[Vehicle Damage 11.11.20.jpg](#)  
[Vehicle Number.jpg](#)

## Immediate Corrective Actions Taken

**There are currently no Immediate Corrective Actions Taken for this event.**

## Links

**There are currently no Links for this event.**

## Witnesses

**There are currently no Witnesses for this event.**

## Preventive Actions Taken

**Preventive Action Taken** Site wide discussion at stretch and bend on the importance of driving safely to and from work, especially with how active deer will continue to be.  
**Taken By** Mortenson **Name** Langston, James

Date Due 11/11/2020

Date Completed 11/11/2020

Impacts Edit 

Mortenson Total Labor (Hours)	No Labor Impact
Mortenson Material Cost (Dollars)	No Cost Impact
Mortenson Impact to a Task/Activity	No Impact to Schedule
Subcontractor Labor (Hours)	
Subcontractor Material Cost (Dollars)	
Subcontractor Task/Activity (Days)	
Customer Cost (Dollars)	No Cost Impact
Customer Project Schedule (Days)	No Impact to Schedule
Customer Relations Impact	No Impact (Customer is not concerned.)
Other Impacts	

Key Contributing Factors Edit 

Event was related to unplanned work or rework:	No	
Worker(s) has appropriate qualification/certification:	Yes	
Appropriate permits in place at the time of the event:	Yes	
Hours Completed day of incident:	0	Hours Completed week of incident:
Process Contributing Factors:		
Design Engineering Deficiency Factors:		
Material Deficiency Factors:		
Other External Factors:	Animal/Insect/Plant	
Additional Information:	Deer.	

Equipment/Tools In Use

There are currently no Equipment/Tools for this event.

Materials In Use

There are currently no Materials for this event.

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Initial Report submitted by Osterman, Jacob (Jake) on 11/11/2020 11:56:17 AM

**Exhibit I – Environmental Reports**



# Safety and Quality Event Management

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## Investigation Report

**Initial** Investigation Closed

### Manage

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- [Manage Immediate Corrective Actions Taken](#)
- [Manage Impacts](#)
- [Manage Key Contributing Factors](#)
- [Manage Links](#)
- [Unsafe Conditions, Hazards, and Exposures](#)
- [Manage Witness](#)

### Project Details at Time of Incident

[Edit](#)

<b>Event Type</b>	Incident	<b>Event Number</b>	EV2020231284
<b>Event Subtype</b>	Environmental Issue	<b>Brief Description</b>	While erecting blades with an MLC 650 crane, a hydraulic line on the crane burst causing a spill
<b>Diamond Event</b>	No	<b>Project Manager</b>	Butz, Lucas Arthur
<b>Project Number</b>	19141024	<b>Project Superintendent</b>	Vick, Mark
<b>Project Name</b>	Kings Point Wind	<b>Area/Assistant Superintendent</b>	
<b>Address Line 1</b>	850 Base Line Road	<b>Address City, State Postal Code</b>	Golden City, MO 64748
<b>Address Line 2</b>			
<b>General Foreman/Foreman</b>			
<b>Date Occurred (MM/DD/YYYY)</b>	11/28/2020	<b>Time Occurred (HH:MM)</b>	10:00 AM
<b>Event Reported By</b>	Mortenson	<b>Name</b>	Whitener, Michael
<b>Work Being Performed By</b>	Mortenson	<b>Name</b>	McCutchen, Donald
<b>Location of Incident</b>	T-32		
<b>Environmental Conditions at the time of the Incident</b>			
Temperature 33 - 85 deg. F., Clear Sky			

### Environmental Issues

[Edit](#)

#### Categories

Category	SubCategory
Spills	None

<b>Description</b>	Hydraulic fluid spilled into a puddle of muddy soil under the crane		
<b>Emergency Response Provider Contacted</b>	No		
<b>Corrective Action Taken</b>	The team collected the contaminated soil using spill kits and put them in 5 gallon drums		
<b>Date Occurred (MM/DD/YYYY)</b>	11/28/2020	<b>Time Occurred (HH:MM)</b>	11:00 AM
<b>Regulatory Agency Notified</b>	No		
<b>Regulatory Notice of Violation, Citation, Work Order, Fine</b>	No		
<b>Who/What Affected</b>	Soil		
<b>Material Released</b>	Hydraulic Fluid		
<b>Quantity of gas, liquid, or solid?</b>	20	<b>Measurement Units</b>	Gallons
<b>Issue Attributed To</b>	Mortenson		

### Attachments

[Edit](#)

#### Attachment

[650 Spill 2.jpg](#)

### Immediate Corrective Actions Taken

[Edit](#)

<b>Immediate Corrective Action Taken</b>	Team contained the spill and removed the contaminated soil and spill kits into 5 gallon drums which will be removed from site.		
<b>Taken By</b>	Mortenson	<b>Name</b>	Sehmer, Dillon
<b>Date Completed</b>	11/28/2020		

### Links

[Edit](#)

There are currently no Links for this event.

### Witnesses

[Edit](#)

First Name	Last Name	Employed By	Company Name	Title	Phone
Zachary	Burds	Mortenson		Salaried.Assistant Superintendent.	

Preventive Actions Taken

Edit



There are currently no Preventive Actions Taken for this event.

Impacts

Edit



There are currently no Impacts for this event.

Subcontractor Task/Activity (Days)

Customer Project Schedule (Days)

Key Contributing Factors

Edit



There are currently no Key Contributing Factors for this event.

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Initial Report submitted by Sehmer, Dillon Alan on 11/28/2020 11:55:58 AM

Mortenson Proprietary



**Exhibit J – Owner Goals**

## Kings Point - Owner Goals

Goal	Measurement	% Weight	Notes	Primary
<b>Safety</b> - Zero Lost Time Injuries & Zero Recordables	0 Lost Time & 0 Recordables (Yes/No)	10%	Project Team Member Involvement/Engage Craft	Superintendents/PM
<b>Safety Reporting</b> - All Safety incidents will be reported within 24 hours	Date and time of incident VS date and time of reporting.	5%	Immediate Verbal Notification with incident report to follow within 24 hours	Safety Engineer/PM
<b>Traffic</b> - no complaints from local community regarding excessive speed or hazardous driving and no incidents involving improper use of defined traffic plans.	No complaints or incidents	5%	Continue communication with crews throughout all phases. Inspect concrete routes weekly, at a minimum.	Superintendents/PM
<b>Quality</b> - The last 19 WTG's have a smaller average punchlist number than the first 50. Quality should always improve vs. taper.	Average # punchlist in last 19 walkdowns compared to average number of punchlist items in first 50.	5%	Get ahead of the details prior to erection beginning so we're not reactively playing catch up while the crews are moving	Superintendents
<b>Quality</b> - <3% of job books or certificates (MCC, etc.) returned based on lack of completeness, quality, lack of internal Mortenson review, etc.	# job books or certs returned for resubmission / total #	5%	Establish Golden Book to be bought off by MAM/Solas/Vestas	Project Engineers
<b>Quality</b> - <2 Turbine walkdowns cancelled upon arrival to tower based on readiness.	Number of turbine walkdowns cancelled when teams are in route (or at) turbine.	5%	Maintain proper communication so this doesn't happen	Project & Field Engineers
<b>Quality</b> - No single and preventable "rework" issue costs more than 2 days of schedule, or impacts a contractual milestone date.	No single quality issue impacts schedule more than 2 days, or impacts any milestone.	5%		Superintendents/PEs/PM
<b>Cost</b> - Do not exceed approved budget (after CO1) value by 1% contingency (excluding force majeure event) and zero instances of proceed with extra work without obtaining Owner's prior approval.	Final accounting	5%	Cost conscious, keeping Cost Log updated and having open lines of communication	PM/General Superintendent
<b>Cost</b> - At the time that the final circuit is energized, there shall be no "lingering" open cost or schedule issues w/ Vestas. Deal w/ any issues as they come up. No back-forth post-project - no excuses.	No Vestas open issues that are not agreed to upon energization of final circuit.	5%	Monthly reconciliations	PM/General Superintendent/Solas
<b>Schedule</b> - All contractual milestones date met (or early)	Actual dates vs. contractual dates	10%	Weekly Schedule Reviews	Superintendents/PM
<b>Energization:</b> Zero delays on process for planned energization. Substation is complete and ready for energization before October 8, 2020, and no preventable issues result in that date slipping (i.e. SCADA, substation commissioning, end-end testing, studies, etc.).	Planned energization date vs. actual energization date, and any reason for delay.	10%		Superintendents/ Project Engineers
<b>Permit Compliance:</b> No permit compliance issues, including timely notifications of start and completion of work.	Permit violations and notification dates of start and completion.	10%	Maintain Crossing Matrix and Appropriate Notifications	Superintendents/ Project Engineers
<b>Housekeeping</b> - site shall be organized, free of loose debris, and all equipment secure prior to weekends, holidays, and at project completion. At no time shall construction debris migrate beyond project boundaries.	No excessive debris, no debris migrating beyond project boundaries, implementation of a weekly site-wide cleanup effort	5%	Dedicated Weekly Effort	Superintendents
<b>Client Relations</b> - Poll Julian, Scott, Matt. Ask them "would you take this same team to the next project"?	100% response of yes	5%		PM/General Superintendent
<b>Landowner Relations</b> - No unplanned or unnecessary destruction of leased or neighboring property (livestock, crops, utilities, etc.)	No preventable destruction of property.	5%		PM/General Superintendent
<b>County Relations</b> - Poll County officials. Ask them "would you recommend this same team for another project"?	100% response of yes	5%	Ideas: Roadside information stop on Wind Farm.	PM/General Superintendent

***Attachment 2  
Turbine Supplier Monthly Report***

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*See attached*



## ESO Progress Report Kings Point

**November 1 – November 30, 2020**

<b>Customer:</b>	Algonquin		
Project Name:	Kings Point	Project Manager:	Ben Blainedavis
Turbines:	(12) V110 Mk10C 2.0MW, 5-sec towers (57) V120 Mk11D 2.3MW, 5-sec towers	Senior PM : Construction Manager : Installation Lead :	Ryan Fertig Matthew Jones
Contract Type:	TSA	HSE Specialist:	Joel Mast
Project Location:	Missouri		
Report Date	December 4th, 2020		

### 1. Executive Summary

All main component production is 100% complete. Deliveries to site commenced on August 3<sup>rd</sup>. Deliveries continue, currently at 84% complete and expected completion week 51, pending weather. Turbine installation continues currently at 47% completion. Pre-commissioning activities have started. Commissioning will start once the first circuit has been energized, currently expected week 49.

### 2. Safety

Summary:

0 Incidents. 0 Hazardous Observations. 0 Environmental. 4 Safety Walks.

Absolute indicators	Week 45	Accumulated
# of LTIs	0	0
# of environmental incidents	0	0
# of near misses/incidents	0	0
# of workhours*	642	5,788

## ESO Progress Report Kings Point

### 3. Scope

#### Turbine Component Production:

			01.2017	12.2020	13.2020	14.2020	15.2020	16.2020	17.2020	18.2020	19.2020	21.2020	25.2020	27.2020	29.2020
			Req. Qty	Req. Qty	Req. Qty	Req. Qty	Req. Qty	Req. Qty	Req. Qty	Req. Qty	Req. Qty	Req. Qty	Req. Qty	Req. Qty	Req. Qty
Project Definition	Vendor	Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
SP-52012	Steelhead/Tenaska - Kings Point	Vestas Blades Windsor (CM) BLA 54m								36					
SP-52012	Steelhead/Tenaska - Kings Point	Vestas Blades Windsor (CM) BLA V120 HY			27	27	27	27	27	27	9				
SP-52012	Steelhead/Tenaska - Kings Point	Vestas Towers SUBC Malaysi V110 Towers			7				5						
SP-52012	Steelhead/Tenaska - Kings Point	Vestas Towers SUBC Panchn V120 Towers		5							5			5	28
SP-52012	Steelhead/Tenaska - Kings Point	Vestas Towers SUBC Panchn V120 Towers											14		
SP-52012	Steelhead/Tenaska - Kings Point	Vestas Nacelles Brighton (CM HUB V100/V110 2.0/2.2 MW ASME	12												
SP-52012	Steelhead/Tenaska - Kings Point	Vestas Nacelles Brighton (CM NAC V100/110 2.0MW 60HZ	12												
SP-52012	Steelhead/Tenaska - Kings Point	Vestas Nacelles Brighton (CM NAC 2.2MW 60Hz VCS 135m									23	34			
SP-52012	Steelhead/Tenaska - Kings Point	Vestas Nacelles Brighton (CM HUB V116/V120 2.2 FRL ASME HCB									23	34			

#### Production Completion:

- Towers @ 100% complete
- Nacelles/hubs/drivetrains @ 100% complete
- Blade production @ 100% complete

#### Vessel Plan:

All shipping is 100% complete for the Kings Point Project

Lot Nr.	Project no.	Project Name	Turbine Type	Vessel Name	Supplier	Status	Laycan week	POL	POD	ETA POD	B	M1	M2	M3	M4	M5	T
20/566-1	SP-52012	Kings Point	V120	Star Lygra	G2	Completed 2020	10	Kuantan, MA	Beaumont, TX	wk18	10	10	10	10			10
20/563-2	SP-52012	Kings Point	V110	Star Louisiana	G2	Completed 2020	12	Kuantan, MA	Beaumont, TX	8-May	7	7	7	7			7
20/567-1	SP-52012	Kings Point	V120	Star Lysefjord	G2	Completed 2020	14	Kuantan, MA	Beaumont, TX	13-May	10	10	10	10			10
20/664-1	SP-52012	Kings Point	V120	Star Luster	G2	Completed 2020	27	Kuantan, MA	Beaumont, TX	21-Aug	5	5	5	5			5
20/664-2	SP-52012	Kings Point	V110	Star Luster	G2	Completed 2020	27	Kuantan, MA	Beaumont, TX	21-Aug	5	5	5	5			5
20/568-1	SP-52012	Kings Point	V120	Star Lysefjord	G2	Completed 2020	32	Kuantan, MA	Beaumont, TX	18-Oct	18	18	18	18			18
20/553-1	SP-52012	Kings Point	V120	CL Heidi	DSV	Completed 2020	36	Kandla, IN berth 13 thru 16	Beaumont, TX	4-Nov	14	14	14	14			14



## ESO Progress Report Kings Point

**Documentation/Quality:**

- No issues with receiving documentation
- PCT serial number discrepancy between delivery and PTC and maintenance records reported by Buyer, Vestas is waiting to verify maintenance records once PTC component serial numbers are verified.

**Damages/Parts/Tools Issues:**

- Mortenson will continue correcting backwards Ladder support brackets.
- Yellow doors repaint and/or replacement being discussed w/ the factory, NCR submitted, and will be added to punch-lists.
- T-44 Hub repair report to be provided to Buyer (no formal CIR).
- Initial report submitted on M2 (CIR#TBD), section will be returned to factory for repairs in week 50.
- 11/11: While BOP was stabbing blades at T-29, the blade studs made contact with the nacelle, damaging fiber glass (CIR#TBD).

**Scope changes adjustment/ Issues:**

Change Order #	Title:	Amount:	Notes:
CO#1	Blade Long Haul, 18 sets	\$ 691,669.80	Executed
CO#2	Neosho hub Delivered to King Point T-10	NC, Serial swap only	Final sent for signature
CO#3	CO#2 On-site Off-load Demerge for August	\$ 57,452.50	Draft, back up sent
CO#4	NCR003 Customer Loss, Damage, and Request	\$ 6,795.92	Draft, back up sent
CO#5	Weather Delivery Delay for August and September	TBD	Drafting
CO#6	Pre-commissioning and Freewheeling for November	TBD	

Notice of Supplier Non-Conformance sent November 6, 2020 for BOP reloading of V120 tower at T62 with delays in offload crew and erection crew, total claim: (\$154,356)

### 4. Schedule

- Vestas commissioning schedule will be updated based on partial circuit energization plan expected week 50
- Anticipated delivery completion moved back two weeks to week 51 due to site access and weather delays
- Tooling deliveries received in line with crane movement from North Fork Project

## ESO Progress Report Kings Point

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5. Invoice Schedule \*HC\*Highly Confidential in its Entirety\*HC\*



## ESO Progress Report Kings Point

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### 6. Risks

Coronavirus Impacts to Kings Point continues. Areas of concern include but are not limited to:

- **Additional resources and coordination of railhead, trucking and offload at site carries cost risk to accelerate deliveries**
- **Site personnel limitations based on individual site and portfolio wide health and quarantine impacts**
- **Delays in MCC turbine turnover to Vestas for Commissioning delays commissioning start up and reduces number of units available for commissioning in 2020.**