

# Kings Point Wind Project

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



*Project Progress Report No. 15*

*October 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. 15

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*October 2020*

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## 1.0 Summary

The focus of efforts during October was turbine erection. As of the end of the month, twelve turbines have been topped out, and the EPC contractor has submitted one turbine mechanical completion certificate. The Southwest Power Pool posted results of the first phase of the interconnection study late in the month, and as expected, no network upgrades are required to interconnect Kings Point. There was one near miss, one first aid incident, and four 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 October 31<sup>st</sup>, 2020, there are 178 personnel on site, and cumulative man-hours worked are 267,493. There has been one OSHA-recordable incident to date. The project reports the following safety incidents for the month of October:

Period	Near Miss	Property Damage	First Aid	OSHA Recordable
<b>October 2020</b>	1	4	1	0
<b>To Date</b>	10	45	12	1

Near miss:

- An EPC team member slipped and fell on a muddy crane mat.

Property damage:

- An EPC team member was picking up steel mats with a track loader equipped with forks, and when the mats struck the mast of the forks, the force of the impact caused the front window of the loader to crack.
- An EPC subcontractor's pickup truck was stolen from the laydown yard. The truck was later recovered in Kansas City.
- During a crane breakdown, the support crane operator swung the boom in the wrong direction, causing it to make contact with the butt section lacing.
- An EPC team member was lifting mats at a turbine site where components were staged at grade, when one of the mats made contact with the casing of a turbine hub, causing several cracks in the fiberglass. The turbine supplier made repairs in the field.

First aid:

- An EPC team member slipped on a crane track and fell onto the crane mat, suffering a strain of the left wrist. 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 October.

### 3.0 Project Schedule

Based on the change order to the EPC contract between Kings Point Wind, LLC and Mortenson, the contractual deadline for substantial completion is December 5, 2020. The project was notified by Vestas of delays in manufacturing of towers in India and Malaysia due to the public health emergency. At the time of this report, foreign manufacturing has been completed; 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 final vessel bearing components for the project is scheduled to arrive in Beaumont, Texas in mid-November, which has moved the anticipated substantial completion date to early 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

Except for 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 a different approach to permitting for the gray bat. USFWS believes their proposed approach will provide the project with coverage sooner than under an incidental take permit, which is the permit that the project is currently pursuing. Empire continued evaluating potential risks and benefits of the proposed approach and will report on any decision in a future issue of this report.

On the topic of interconnection, Southwest Power Pool (SPP) issued a draft of an amended interim generator interconnection agreement for the project on September 24<sup>th</sup>. The amendment has been executed by all parties and is effective as of October 28<sup>th</sup>, 2020. On the following day, SPP posted results of Phase 1 of DISIS-2017-1, the system impact study in which Kings Point is included. As expected, based on Empire's prior modeling, no network upgrade costs were allocated to Kings Point.

## 5.0 Construction Activities

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

- Access road construction complete.
- All turbine foundations placed and backfilled.
- Electrical activities:
  - Collection system installation complete.
  - Substation:
    - Completed installation of conduit and grounding
    - Completed equipment installation
    - Began testing and commissioning
  - Generation tie line:
    - Continued sagging and clipping of the OPGW
- Erection:
  - Continued offloading of turbine components.
  - First turbine topped out on September 30<sup>th</sup>.
  - 12 turbines topped out.
  - 1 turbine mechanical completion certificate has been submitted.

The following major construction activities are planned for November:

- Collection system:
  - Energize 2 of 6 collection circuits.
- Substation:
  - Energize substation.
- Generation tie line:
  - Energize generation tie line.
- Turbine erection:
  - Continue receiving and offloading of turbine components.
  - Continue turbine erection.
  - Continue turbine mechanical completions.
- Commissioning:
  - Begin commissioning completed turbines.

Construction issues identified:

- Tower delivery delays
- Tie line construction – crane walk schedule conflict
- COVID-19 impacts

## 6.0 Project Cost Report

Expenditures during October totaled \*\*\_\_\_\_\_\*\*. Major expenses during the period were primarily for professional services related to tax equity investors' due diligence. Project expenditures to date are \*\*\_\_\_\_\_\*\* of the total budgeted expenditure of \*\*\_\_\_\_\_\*\*. According to the latest report from Kings Point Wind, LLC, PSA Annex 1 Additional Costs are \*\*\_\_\_\_\_\*\*, which is less than the original estimate of \*\*\_\_\_\_\_\*\*.



## 7.0 Progress Photos



Picture 1. Substation progress on October 8<sup>th</sup>, 2020.



Picture 2. Lifting a turbine blade to complete top out.





Picture 3. Permanent met tower erection.

## 8.0 Appendices



# Kings Point Wind



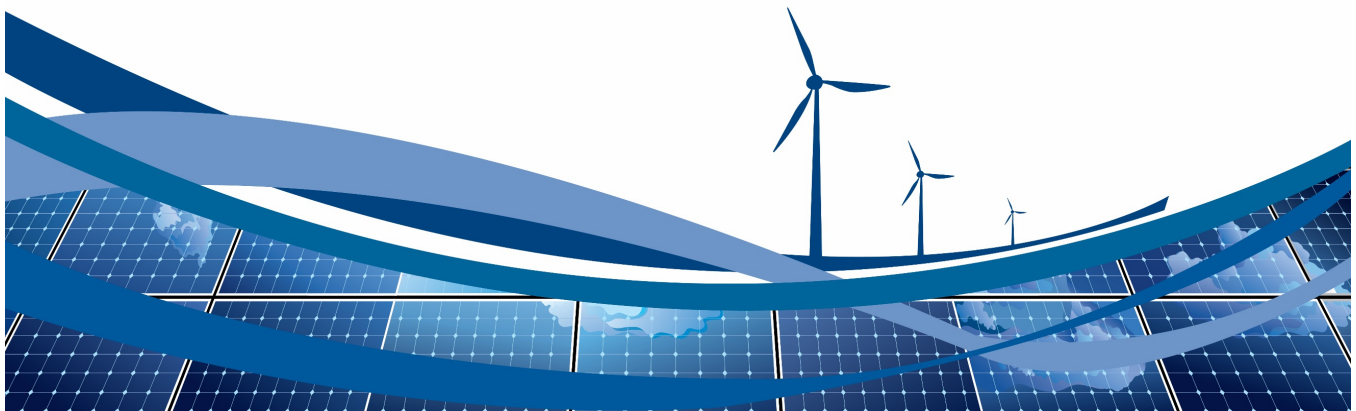
## Monthly Construction Report

October 2020



T-34 Nacelle

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 267,493 total manhours worked. There were 178 personnel onsite as of October 31, 2020. During the month of October, under the BOP contract, there was one first aid incident, one near miss, no recordables, zero lost time, four property damage incidents, and one personal medical. 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 slip on a crane track and the Team Member fell onto the crane mat, Team Member was treated by the onsite medic and suffered a strain/muscle pull of the left wrist.

The BOP near miss incident was at T-34, a Team Member slipped on a muddy crane mat and fell but did not sustain any injuries.



The first BOP property damage incident was at T-34 while operating a track loader, a Team Member picked up metal mats using his forks and the front window cracked, he stated that the force of the mats hitting the mast of the forks caused the damage. The second happened over a weekend when a Mortenson subcontractor's pickup truck was stolen from the laydown yard and was later recovered in Kansas City. The third incident happened at T-30 during a 2250 crane disassembly when the operator swung the boom left instead of right, causing the boom section to make contact with the butt section lacing. The fourth incident was at T-44 when an operator was lifting mats near the hub and the mats made contact with the hub causing several cracks in the fiberglass.

The personal medical was when a Team Member developed a rash on his arms, this turned out to be an allergic reaction.

#### Environmental:

There were no environmental incidents in October.

#### Project Progress

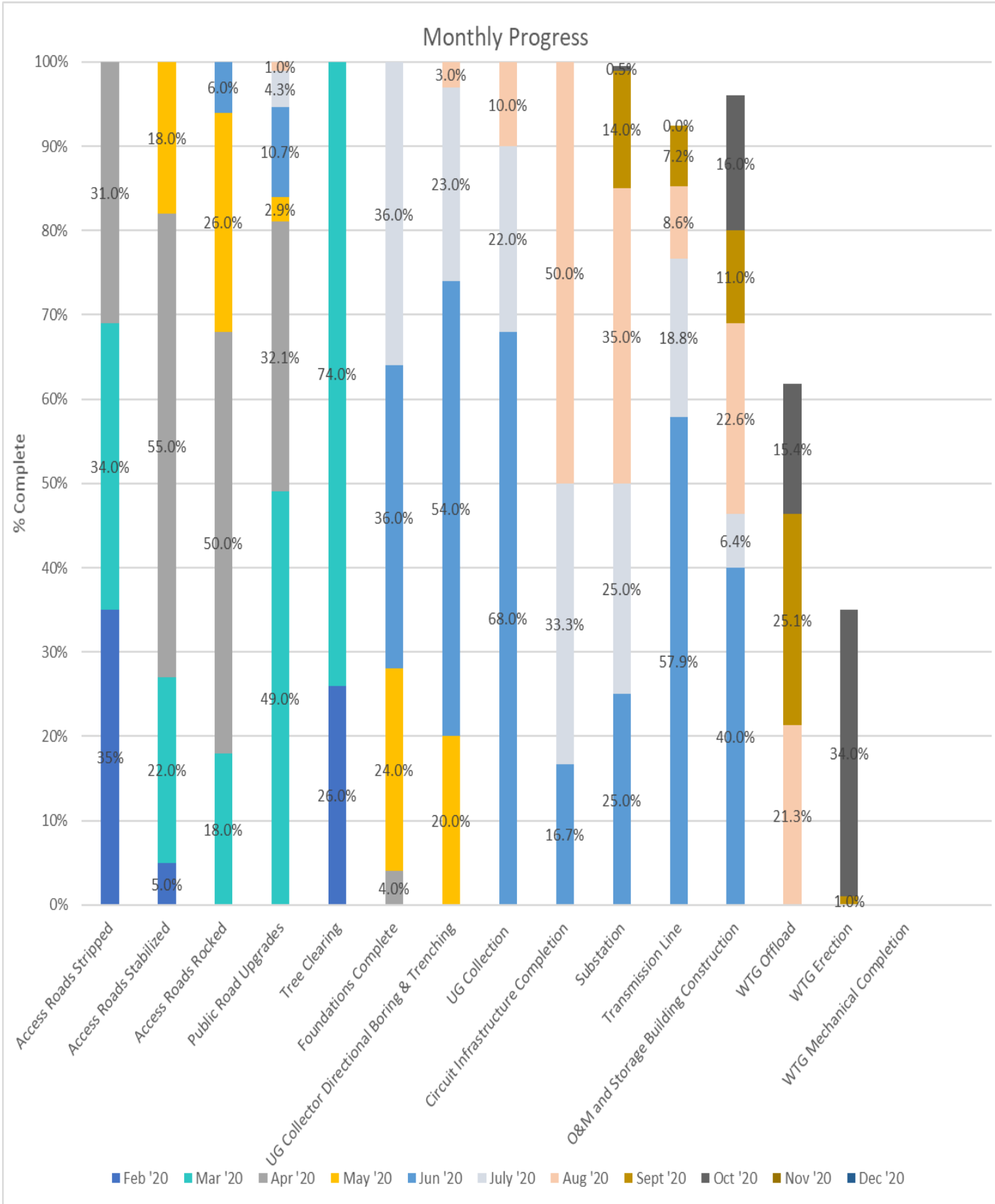
Major work completed this period:

- Completed installation of substation conduit and grounding, and erection of steel and equipment.
- Continued construction of the O&M building and additional storage building.
- Sagging and clipping of the OPGW has continued.
- Completed collection system terminations.
- Began substation testing and commissioning.
- Continued delivery and offloading of turbine components.
- Continued erection of base and lower mid sections.
- Continued top out erection of 12 towers.
- Tower wiring has completed in 7 turbines.
- Number of turbines mechanically complete – 1 has been submitted and is being reviewed to be signed and returned.

Major work planned for next period:

- Continue 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 transmission line and substation.
- Energize 2 of 6 collection system circuits.

See below status snapshot capturing work accomplished through October 31, 2020. Additional information is provided in Mortenson's monthly report for October, presented in Attachment 1.



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

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**Kings Point Wind Project Construction Budget Status (From Base Model)\*HC\*Highly Confidential in its Entirety\*HC\***



Budget Comments:

There were no BOP Change Order approved during the month of October.  
There were no TSA Change Orders approved during the month of October.  
Draw 10 was funded on October 30<sup>th</sup>. Draw 11 is being submitted on November 20<sup>th</sup> and is anticipated to fund November 27<sup>th</sup>.

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 - FNTTP	October 15, 2019	October 15, 2019	
EPC – FNTTP	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 29, 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 9, 2020	
Turbine Supplier - Guaranteed Delivery of Group 4 - (10) V120	June 20, 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		
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		
Turbine Supplier - Guaranteed Delivery of Group 7 - (10) V120	July 11, 2020		
Turbine Supplier - Mechanical Completion Group 1 - (6) WTG's	July 11, 2020		
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		
Turbine Supplier - Mechanical Completion Group 2 - (6) WTG's	July 18, 2020		

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		
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		T-62, T-51
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		
EPC – Guaranteed Third Mechanical Completion Group	September 3, 2020		
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		
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.



## Section 5 Delivery Status of Equipment

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.

COMPONENT IN (SETS)	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44	Week 45	Week 46	Week 47	Week 48	Week 49	Week 50	Week 51	Total			
V110 Blades				1	3	4	2	2																																12	
V110 Nacelles										12																															12
V110 Hubs										12																															12
V110 Tower																																								12	
V120 Blades								12											9	5	4	5	4			12														57	
V120 Nacelles										23																														57	
V120 Hubs										23																														57	
V120 Tower																											2	14	9					14	14	4				57	
Thanksgiving																																									
CURRENT DELIVERY PLAN	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44	Week 45	Week 46	Week 47	Week 48	Week 49	Week 50	Week 51	Total			
**EXHIBIT B SCHEDULE																																									
V110 Blades																		10	2																					12	
V110 Nacelles																		10	2																					12	
V110 Hubs																		10	2																					12	
V110 Tower																																								12	
V120 Blades																			8	10	9	3	6	3									9	9					57		
V120 Nacelles																			6	10	10	10	8	10	3														57		
V120 Hubs																			8	10	10	10	8	10	1															57	
V120 Tower																											1	1	8	6	2	7			10	10	10	2			57

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



**MV Cabling Box**



**Aerial View**



**T-62 Blade Stab**



**Turbine Erection**



**T-56 Top Install**



**Interior Ladder**



**Morning Sunrise**



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

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*See attached*





Wind Energy Group



# Kings Point Wind Project Monthly Progress Report

October 2020

Meeting Date: November 12, 2020



Revision V1.1

11/11/2020





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- 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

In the month of October, erection activities finished ramping up as the second and third main cranes started production. The back-end activities started up following top out: tower wiring, service lift, MCC & tower clean, and walkdowns. The project is off to a great start regarding tower handover, with minimal Punchlist items on the first walkdowns. The biggest struggle this month has been wind and weather, but the team has continued to persevere and push forward.

Transmission line completion was on hold during October pending crane crossings and subsequent remobilization of Capital Electric on 11/2. The O&M pad was rocked, and the perimeter fence installation began. The MET Tower foundation was installed, and the tower was erected.

*Note, all quantities within Report are as of 10/31/2020 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 thirty-four (734) team members have gone through First Hour safety orientation. Three hundred thirty (330) team members have gone through Second Hour orientations.

A major safety emphasis on the project continues to be safe and defensive driving. With the rain and saturated site conditions at the end of October, defensive driving became even more critical. The change in site conditions also brought a focus on slips, trips and falls in muddy conditions.

Near the end of the month we held a variety of refresher trainings to keep the team engaged. These included a refocus on our life saving rules, spotter utilization, IWP refreshers for erection activities, as well as discussions on planning non-standard work. With so much of our work now dependent on wind and weather windows, it is crucial that safety is kept at the forefront of planning out daily work.

The team continues to stress the importance of diligent COVID practices both on and off the job site. With the new CDC guidelines for what constitutes close contact, it is even more important to maintain social distancing. We will continue to follow and adapt as new guidelines and recommendations are released.

### 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

- 10/19: Team member slipped and fell off the crane track onto a mat.

RECORDABLE INCIDENTS

- None

PROPERTY DAMAGE

- 10/1: Front window cracked on a track loader while picking up steel mats.
- 10/10: A Sentry work truck was stolen from the laydown yard.
- 10/20: 2250 Crane boom section contacted the butt section during disassembly process.
- 10/25: Fiberglass damage to a hub while moving a cane mat with a loader.

NEAR MISS

- 10/20: Team member fell on a slippery crane mat and was not injured.

UNPLANNED DISRUPTION

- None

NON WORK-RELATED INCIDENT

- 10/6: Personal medical, team member developed a rash, which was determined to not be project related.

# Project Man Hours & Safety Statistics

TABLE 1: SAFETY STATISTICS – OCTOBER - 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 10/31/20

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		47,446
Mortenson - Power	437	590	773	701	6,552	2,724	5,295	4,243	1,276		22,591
Mortenson - Civil	2,821	7,005	9,294	9,394	10,990	6,354	3,255	3,255	2,338		54,706
KDF	552	1,000	384	0	0	0	0	0	0		1,936
MidCentral	530	2,658	2,197	933	3,753	3,864	1,773	1,545	645		17,898
MidCentral (Civil)	0	0	0	568	1,997	1,833	770	554	240		5,962
Rock Solid	216	339	1,450	360	0	0	0	0	0		2,365
Jim River Fencing	216	258	96	231	0	55	0	0	0		856
Solas	315	791	708	849	918	984	1,223	1,187	1,275		8,250
Stantec	456	1,545	616	349	268	253	180	120	31		3,818
HV Occupational	0	171	287	252	268	273	265	245	294		2,055
Chambers Security	0	198	371	380	372	390	387	362	370		2,830
Team Services	0	400	616	664	880	960	240	250	250		4,260
Titan	0	0	0	0	509	899	594	684	272		2,958
Rumler Rebar	0	273	2,219	2,116	2,284	885	0	0	0		7,777
Ozark Ready Mix	0	853	2,967	3,854	3,225	1,466	0	0	0		12,365
SubSurface	0	0	0	406	198	0	0	0	0		604
Spider Plow	0	0	0	1,542	3,895	2,480	2,376	345	0		10,638
Ellingson	0	0	0	2,689	2,515	5,134	63	0	0		10,401
Barrett	0	241	341	505	633	206	0	0	0		1,926
Terracon (SWPPP)	0	22	22	22	22	22	17	22	22		171
APAC	0	0	983	1,620	1,707	772	880	178	0		6,140
Capital Trucking	1,151	1,363	1,730	1,622	1,674	383	235	59	162		8,379
Spencer Blasting	0	0	20	232	426	0	0	0	0		678
Kuesel Stabilization	0	0	0	127	248	152	226	0	0		753
Capital Electric	0	0	0	0	2,762	2,159	3,412	4,384	274		12,991
True Grit	0	0	0	0	0	0	0	72	176		248
Northern Contractors	0	0	0	0	0	0	0	443	0		443
RESA	0	0	0	0	0	0	0	0	165		165
Vikor	0	0	0	0	0	0	0	0	530		530
ASB Energy	0	0	0	5,599	4,671	3,046	2,039	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>0</b>	<b>267,493</b>

TABLE 3: HAZARD RECOGNITION STATISTICS AS OF 10/31/20

Haz Rec/Near Miss Cards										
	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Total
Ladders	0	0	0	0	0	0	0	1	0	1
Electrical	0	0	0	0	2	3	0	2	0	7
Vehicles	7	12	19	17	13	9	9	5	5	96
Unsafe Act	0	3	7	8	8	7	12	15	2	62
Struck By/Against	0	0	0	5	8	0	0	0	0	13
PPE	0	10	8	7	4	1	7	6	3	46
Walking/Working Surfaces	3	4	5	3	2	0	3	2	3	25
Fall Protection	0	1	0	0	0	0	2	1	3	7
Suspended Loads	0	1	0	0	0	0	0	1	0	2
Roads	0	0	0	0	7	4	2	0	3	16
Barricades, Guards, Danger Tape	2	6	13	9	7	6	4	4	11	62
Equipment	0	0	0	0	9	4	17	14	5	49
Housekeeping	0	1	10	5	7	7	9	9	2	50
Rigging	0	0	0	0	0	0	0	0	0	0
Wildlife	0	2	1	1	4	3	0	1	0	12
General	0	0	0	0	0	5	10	4	9	5
Environmental	0	0	1	2	3	3	0	2	0	11
Signage	0	0	0	0	0	3	3	0	2	3
<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>57</b>	<b>51</b>	<b>488</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 third party SWPPP inspections continued, and were performed by Terracon on 10/14/2020, and 10/30/2020. 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 October 2020.

### SPILL LOG UPDATE

- None

### MISCELLANEOUS ENVIRONMENTAL

- None



### PERCIPITATION TOTALS

The project received 4.71" of rain in October. Below are the daily accumulation totals recorded onsite.

Date	High (°F)	Low (°F)	Weather Description	Precipitation (in)	Crews Affected	Comments	Monthly Precip Totals (in)
				4.17			
Thursday, October 1, 2020	71.0	41.0		0.00			0.00
Friday, October 2, 2020	69.0	37.0		0.00			0.00
Saturday, October 3, 2020	73.0	48.0		0.00			0.00
Sunday, October 4, 2020	67.0	42.0		0.00			0.00
Monday, October 5, 2020	77.0	45.0		0.00			0.00
Tuesday, October 6, 2020	80.0	54.0		0.00			0.00
Wednesday, October 7, 2020	88.0	59.0		0.00			0.00
Thursday, October 8, 2020	86.0	60.0		0.00			0.00
Friday, October 9, 2020	85.0	61.0		0.00			0.00
Saturday, October 10, 2020	86.0	56.0		0.00			0.00
Sunday, October 11, 2020	91.0	61.0		0.00			0.00
Monday, October 12, 2020	75.0	50.0		0.00			0.00
Tuesday, October 13, 2020	82.0	45.0		0.00			0.00
Wednesday, October 14, 2020	86.0	53.0		0.00			0.00
Thursday, October 15, 2020	69.0	43.0		0.00			0.00
Friday, October 16, 2020	67.0	33.0		0.00			0.00
Saturday, October 17, 2020	73.0	44.0		0.00			0.00
Sunday, October 18, 2020	60.0	41.0		0.00			0.00
Monday, October 19, 2020	46.0	41.0		0.50	Crane Path Grading		0.50
Tuesday, October 20, 2020	63.0	45.0		0.44	Civil, Outside Erection Activities		0.94
Wednesday, October 21, 2020	85.0	53.0		0.00	Crane Path Grading, Offload	Site conditions from previous rain events	0.94
Thursday, October 22, 2020	85.0	67.0		0.00			0.94
Friday, October 23, 2020	71.0	40.0		0.00			0.94
Saturday, October 24, 2020	47.0	39.0		0.00			0.94
Sunday, October 25, 2020	49.0	42.0		0.00			0.94
Monday, October 26, 2020	42.0	32.0	Rain	0.96	All		1.90
Tuesday, October 27, 2020	37.0	32.0	Rain / Ice	0.76	All		2.66
Wednesday, October 28, 2020	44.0	36.0	Rain / Ice	0.96	All		3.62
Thursday, October 29, 2020	52.0	33.0	Rain	0.55	All		4.17
Friday, October 30, 2020	65.0	30.0		0.00	Crane Path Grading, Offload	Site conditions from previous rain events	4.17
Saturday, October 31, 2020	67.0	45.0		0.00			4.17

### Wind/Weather Days as of 11/2/2020

Wind/Weather Days		
Crane/Crew	Total Days Claimed	Adjustments to MCC
Main Erection 1	14	0
Main Erection 2	8	0
Main Erection 3	11	0
Base/Mid 1	10	0
Offload	8	0
Blade Roll Crew	7	0



## SCHEDULE AND UPDATE REPORTS

TABLE 4: CONSTRUCTION PROGRESS TOTALS

Activity	Project Total Value	Actual Progress As of 10/31/2020	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	.99	99%
T-Line Stringing	9 EA	8	89%
T-Line Structures	124 EA	124	100%
O&M Building	1 EA	.90	90%
O&M Storage Building	1 EA	.90	90%
Crane Pad Construction	69 EA	69	100%
Crane Pathways	142,068 LF	142,068	100%
Offload Tower Sections	69 EA	30	43%
Offload Nacelle	69 EA	69	100%
Offload Hub	69 EA	69	100%
Offload Blades	69 EA	52	75%
Set Base/Mid	69 EA	26	38%
Install Hub	69 EA	41	59%
Grout Base Section	69 EA	25	36%
Prep Nacelle	69 EA	50	72%
Top-Out	69 EA	12	17%
Tower Wiring	69 EA	7	10%





MCC	69 EA	7	10%
Walkdowns	69 EA	4	6%
Met Tower	1 EA	.7	70%
Restoration	1 EA	0	0%

## PROJECT SCHEDULE

- See Exhibit A – ASTA Schedule
- See Exhibit B – ASTA 3 Week Look Ahead Schedule
- Pending offload delay change order schedule currently in progress

## MAJOR WORK ACTIVITIES

## CIVIL ACTIVITIES

## PERFORMED IN OCTOBER

## PLANNED FOR NOVEMBER

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

## ELECTRICAL ACTIVITIES

## PERFORMED IN OCTOBER

## PLANNED FOR NOVEMBER

Switchgear Earthing Bar Install	Circuit VLF Testing
Circuit VLF Testing	Substation Testing and Punchlist
Substation Testing and Punchlist	T-Line Stringing Final Span
	Substation / T-Line Energization

## ERECTION ACTIVITIES

## PERFORMED IN OCTOBER

## PLANNED FOR NOVEMBER

WTG Component Offload	WTG Component Offload
Nacelle Prep	Nacelle Prep
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 OCTOBER	PLANNED FOR NOVEMBER
O&M Pad Rocking	O&M Perimeter Fencing
O&M Perimeter Fencing	O&M Utility Connection
MET Tower Foundation	MET Tower Commissioning
MET Tower Erection	

## QUALITY

### RFI'S

- See Procure Open RFI Log, [Exhibit D.](#) Current as of 11/11/2020.

### SUBMITTALS

- See Procure Open Submittal Log, [Exhibit E.](#) Current as of 11/10/2020.

### ISSUES

- VLF Testing Findings
  - 11A – Repair Complete (VLF Scheduled 11/12)
  - 13A – Repair Complete (VLF Passed 11/11)
  - 12A – Repair Complete (VLF Passed 11/11)
  - 13B – Repair scheduled 11/12
- T30 Grout in contact with vertical face of tower flange – Repair Complete

## 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. Latest Vestas 10-28-20 schedule shows turbine component deliveries through week 49.
- T-Line stringing / crane walking schedule conflict. CELB has remobilized to complete the T-Line. Main erection crane will now line duck the line in order to get to T52.
- O&M Utility connection. New easement received to run power from the distribution line North of the substation, along Lawrence County Ave.
- VOB/PPC Delivery, ETA November.
- COVID impacts.
- Crane path karst concerns.
- Night shift option proposed in order to help mitigate schedule slip due to wind delays.
- T113 M2 Damage



PHOTOS

PHOTO 1: MAIN ERECTION





PHOTO 2: SUNSET



PHOTO 3: O&M





PHOTO 4: MET TOWER





PHOTO 5: MET TOWER



**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										
											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	29	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																																																														
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																																																														
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																																																														
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																																																														
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																																																														
6	Substation	358d 5h	3/26/2020 9:09:17 AM	10/8/2020 8:00 AM	07/08/19 A	11/08/20		16d 1h	-4w 2d	96.04																																																														
7	Transmission Line	216d	2/11/2020 8:00 AM	10/7/2020 5:00 PM	02/18/20 A	11/25/20		4d	-7w	99.41																																																														
8	WTG Deliveries	88d 4h	5/26/2020 8:00 AM	7/13/2020 12:00 PM	08/03/20 A	12/04/20		47d 2.33h	-20w 3d	74.93																																																														
9	Base/Mid Erection	72d	6/11/2020 8:00 AM	10/13/2020 1:06 PM	09/24/20 A	01/06/21		26d 2h	-11w 2.49d	42.19																																																														
10	Main Erection	96d 2h	7/8/2020 8:00 AM	10/23/2020 9:18 AM	09/30/20 A	02/16/21		2h	-15w 3.09d	17.39																																																														
11	Tower Wiring	94d 2h	7/10/2020 10:00 AM	10/27/2020 2:18 PM	10/06/20 A	02/19/21		2h	-15w 3.59d	20.79																																																														
12	Tower Complete	84d 7h	7/22/2020 10:00 AM	10/30/2020 2:18 PM	10/22/20 A	02/23/21		13d 1h	-15w 3.21d	7.25																																																														
13	O & M Building	300d	11/25/2019 8:00 AM	5/20/2020 5:00 PM	10/21/19 A	12/01/20		71d	-28w 3d	90.03																																																														
14	MET Tower	29d	7/6/2020 8:00 AM	8/3/2020 5:00 PM	10/05/20 A	11/12/20		82d	-14w 4d	59.32																																																														
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>																																																														
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																																																														
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																																																														
18	404 Permit Execution				02/06/20 A	02/06/20 A				100.00																																																														
19	<b>Contractual Milestones</b>	<b>296d 6h</b>	<b>2/3/2020 8:00 AM</b>	<b>11/18/2020 8:12 AM</b>	<b>01/30/20 A</b>	<b>03/08/21</b>		<b>4d 2h</b>	<b>-14w 4.72d</b>	<b>38.66</b>																																																														
20	<b>WTG Deliveries</b>	<b>73d</b>	<b>5/26/2020 8:00 AM</b>	<b>7/10/2020 8:00 AM</b>	<b>08/03/20 A</b>	<b>11/11/20</b>		<b>5d</b>	<b>-18w</b>	<b>50.00</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																																																														
22	WTG Delivery Finish		7/10/2020 8:00 AM	7/10/2020 8:00 AM	11/11/20	11/11/20		5d	-17w 2d																																																															
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>																																																														
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																																																													
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																																																													





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

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	November 2020				December
										9	16	23	30	30
1		9-21-20 Deliveries Base, Mids, Top			52d 4.67h	09/22/20 A	12/04/20		49.44					
2		10-26-20 Blades Deliveries			7d	11/02/20 A	11/10/20		16.67					
3		Crane Path	06/10/20	10/08/20	124d 1.13h	05/26/20 A	11/06/20		89.66					
4	105,113	Cp T105-T113	07/13/20	07/14/20	3h 33.88min	11/04/20	11/04/20			105,113  Cp T105-T113				
5	106,114	Cp T106-T114	10/06/20	10/07/20	4h 2.5min	11/04/20	11/04/20			106,114  Cp T106-T114				
6	106,129	Cp T106-T129	10/07/20	10/08/20	1d 1.52h	11/04/20	11/06/20			106,129  Cp T106-T129				
7		Nacelle Prep	05/26/20	07/23/20	82d	08/11/20 A	12/04/20		53.99					
8	25	Install Turning Gear	06/12/20	06/15/20	4h	11/04/20	11/04/20			25  Install Turning Gear				
9	35	Install Turning Gear	06/15/20	06/15/20	4h	11/04/20	11/04/20			35  Install Turning Gear				
10	31	Install Turning Gear	06/15/20	06/16/20	4h	11/04/20	11/04/20			31  Install Turning Gear				
11	33	Install Turning Gear	06/18/20	06/19/20	4h	11/04/20	11/04/20			33  Install Turning Gear				
12	20	Roll Blades	06/17/20	06/18/20	4h	11/04/20	11/04/20			20  Roll Blades				
13	20	Install Turning Gear	06/19/20	06/19/20	4h	11/04/20	11/04/20			20  Install Turning Gear				
14	22	Roll Blades	06/18/20	06/18/20	4h	11/04/20	11/04/20			22  Roll Blades				
15	22	Install Turning Gear	06/19/20	06/22/20	4h	11/05/20	11/05/20			22  Install Turning Gear				
16	27	Roll Blades	06/18/20	06/19/20	4h	11/05/20	11/05/20			27  Roll Blades				
17	27	Install Turning Gear	06/22/20	06/22/20	4h	11/05/20	11/05/20			27  Install Turning Gear				

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	November 2020				December
										9	16	23	30	30
										18	19	Roll Blades	06/19/20	06/19/20
19	19	Install Turning Gear	06/22/20	06/23/20	4h	11/06/20	11/06/20							
20	18	Roll Blades	06/19/20	06/22/20	4h	11/06/20	11/06/20							
21	18	Install Turning Gear	06/23/20	06/23/20	4h	11/06/20	11/06/20							
22	17	Roll Blades	06/22/20	06/22/20	4h	11/06/20	11/06/20							
23	17	Install Turning Gear	06/23/20	06/24/20	4h	11/09/20	11/09/20							
24	16	Roll Blades	06/22/20	06/23/20	4h	11/09/20	11/09/20							
25	16	Install Turning Gear	06/24/20	06/24/20	4h	11/09/20	11/09/20							
26	14	Roll Blades	06/23/20	06/23/20	4h	11/09/20	11/09/20							
27	14	Install Turning Gear	06/24/20	06/25/20	4h	11/10/20	11/10/20							
28	11	Install   Torque Hub	06/24/20	06/24/20	1d 4h	10/15/20 A	11/04/20		100.00					
29	11	Roll Blades	06/23/20	06/24/20	4h	11/10/20	11/10/20							
30	11	Install Turning Gear	06/25/20	06/25/20	4h	11/10/20	11/10/20							
31	10	Roll Blades	06/24/20	06/24/20	4h	11/10/20	11/10/20							
32	10	Install Turning Gear	06/25/20	06/26/20	4h	11/11/20	11/11/20							
33	9	Roll Blades	06/24/20	06/25/20	4h	11/11/20	11/11/20							
34	9	Install Turning Gear	06/26/20	06/26/20	4h	11/11/20	11/11/20							

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	November 2020				December
										9	16	23	30	
35	8	Roll Blades	06/25/20	06/25/20	4h	11/11/20	11/11/20			8  Roll Blades				
36	8	Install Turning Gear	06/26/20	06/29/20	4h	11/12/20	11/12/20			8  Install Turning Gear				
37	80	Roll Blades	06/25/20	06/26/20	4h	11/12/20	11/12/20			80  Roll Blades				
38	80	Install Turning Gear	06/29/20	06/29/20	4h	11/12/20	11/12/20			80  Install Turning Gear				
39	73	Roll Blades	06/26/20	06/26/20	4h	11/12/20	11/12/20			73  Roll Blades				
40	73	Install Turning Gear	06/29/20	06/30/20	4h	11/13/20	11/13/20			73  Install Turning Gear				
41	71	Roll Blades	06/26/20	06/29/20	4h	11/13/20	11/13/20			71  Roll Blades				
42	71	Install Turning Gear	06/30/20	06/30/20	4h	11/13/20	11/13/20			71  Install Turning Gear				
43	68	Roll Blades	06/29/20	06/29/20	4h	11/13/20	11/13/20			68  Roll Blades				
44	68	Install Turning Gear	06/30/20	07/01/20	4h	11/16/20	11/16/20			68  Install Turning Gear				
45	72	Roll Blades	06/29/20	06/30/20	4h	11/16/20	11/16/20			72  Roll Blades				
46	72	Install Turning Gear	07/01/20	07/01/20	4h	11/16/20	11/16/20			72  Install Turning Gear				
47	74	Roll Blades	06/30/20	06/30/20	4h	11/16/20	11/16/20			74  Roll Blades				
48	74	Install Turning Gear	07/01/20	07/02/20	4h	11/17/20	11/17/20			74  Install Turning Gear				
49	78	Roll Blades	06/30/20	07/01/20	4h	11/17/20	11/17/20			78  Roll Blades				
50	78	Install Turning Gear	07/02/20	07/02/20	4h	11/17/20	11/17/20			78  Install Turning Gear				
51	94	Nacelle Mech. Prep	07/02/20	07/02/20	4h	11/04/20	11/04/20			94  Nacelle Mech. Prep				

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	November 2020				December
										9	16	23	30	30
										52	94	Install   Torque Hub	07/01/20	07/02/20
53	94	Roll Blades	07/01/20	07/01/20	4h	11/17/20	11/17/20			94	Roll Blades			
54	94	Install Turning Gear	07/02/20	07/06/20	4h	11/18/20	11/18/20			94	Install Turning Gear			
55	100	Nacelle Mech. Prep	07/02/20	07/06/20	4h	11/04/20	11/04/20			100	Nacelle Mech. Prep			
56	100	Install   Torque Hub	07/02/20	07/02/20	4h	11/05/20	11/05/20			100	Install   Torque Hub			
57	100	Roll Blades	07/01/20	07/02/20	4h	11/18/20	11/18/20			100	Roll Blades			
58	100	Install Turning Gear	07/06/20	07/06/20	4h	11/18/20	11/18/20			100	Install Turning Gear			
59	85	Nacelle Mech. Prep	07/06/20	07/06/20	4h	11/05/20	11/05/20			85	Nacelle Mech. Prep			
60	85	Install   Torque Hub	07/02/20	07/06/20	4h	11/05/20	11/05/20			85	Install   Torque Hub			
61	85	Roll Blades	07/02/20	07/02/20	4h	11/18/20	11/18/20			85	Roll Blades			
62	85	Install Turning Gear	07/06/20	07/07/20	4h	11/19/20	11/19/20			85	Install Turning Gear			
63	99	Turbine 99 Nacelle Prep	07/07/20	07/09/20	2d	11/05/20	11/19/20			99	Install Turning Gear			
64	105	Turbine 105 Nacelle Prep	07/07/20	07/09/20	1d 8h	11/06/20	11/20/20		25.00	105	Install Turning Gear			
65	113	Turbine 113 Nacelle Prep	07/08/20	07/10/20	1d 8h	11/20/20	11/20/20		50.00	113	Install Turning Gear			
66	119	Turbine 119 Nacelle Prep	07/08/20	07/10/20	1d 8h	11/20/20	11/23/20		50.00	119	Install Turning Gear			
67	120	Turbine 120 Nacelle Prep	07/09/20	07/13/20	1d 8h	11/04/20	11/23/20		25.00	120	Install Turning Gear			
68	128	Turbine 128 Nacelle Prep	07/09/20	07/13/20	1d 8h	11/04/20	11/24/20		25.00	128	Install Turning Gear			



Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	November 2020				December
										9	16	23	30	30
69	134	Turbine 134 Nacelle Prep	07/10/20	07/14/20	2d	11/04/20	11/24/20			134	Install Turning Gear			
70	133	Turbine 133 Nacelle Prep	07/10/20	07/14/20	2d	11/04/20	11/25/20			133	Roll Blades			
71	126	Turbine 126 Nacelle Prep	07/13/20	07/15/20	2d	11/05/20	11/25/20			126	Install   Torque Hub			
72	91	Turbine 91 Nacelle Prep	07/13/20	07/15/20	2d	11/05/20	11/30/20			91	Install   Torque Hub			
73	98	Turbine 98 Nacelle Prep	07/14/20	07/16/20	2d	11/06/20	11/30/20			98	Install   Torque Hub			
74	96	Turbine 96 Nacelle Prep	07/14/20	07/16/20	2d	11/06/20	12/01/20			96	Install   Torque Hub			
75	90	Turbine 90 Nacelle Prep	07/15/20	07/17/20	2d	11/09/20	12/01/20			90	Install   Torque Hub			
76	118	Turbine 118 Nacelle Prep	07/15/20	07/17/20	2d	11/09/20	12/02/20			118	Install   Torque Hub			
77	124	Turbine 124 Nacelle Prep	07/16/20	07/20/20	2d	11/10/20	12/02/20			124	Install   Torque Hub			
78	59	Turbine 59 Nacelle Prep	07/16/20	07/20/20	2d	11/11/20	12/03/20		25.00	59	Install   Torque Hub			
79	60	Turbine 60 Nacelle Prep	07/17/20	07/21/20	2d	11/12/20	12/03/20		25.00	60	Install   Torque Hub			
80	63	Turbine 63 Nacelle Prep	07/17/20	07/21/20	2d	11/04/20	12/04/20			63	Install   Torque Hub			
81	69	Turbine 69 Nacelle Prep	07/20/20	07/22/20	2d	11/04/20	12/04/20			69	Install   Torque Hub			
82	114	Turbine 114 Nacelle Prep	07/20/20	07/22/20	2d	11/10/20	11/11/20		50.00	114	Install Turning Gear			
83	106	Turbine 106 Nacelle Prep	07/21/20	07/23/20	2d	11/10/20	11/10/20		50.00	106	Install Turning Gear			
84	129	Turbine 129 Nacelle Prep	07/21/20	07/23/20	2d	11/09/20	11/10/20		50.00	129	Install Turning Gear			
<b>85</b>		<b>Base Mid 1</b>	<b>06/10/20</b>	<b>09/14/20</b>	<b>114d</b>	<b>08/03/20 A</b>	<b>01/13/21</b>		<b>66.79</b>					
<b>86</b>		<b>Set Base   M1</b>			<b>75d</b>	<b>09/25/20 A</b>	<b>01/13/21</b>		<b>33.58</b>					

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	November 2020				December		
										9	16	23	30			
87	114	Turbine 114 Set Base   M1	10/07/20	10/08/20	1d 4h	11/04/20	11/04/20		25.00	114						
88	114,126	Full Breakdown 114-126   M1			1d 6h	11/04/20	11/05/20			114,126						
89	126	Turbine 126 Set Base   M1			1d 4h	11/06/20	11/09/20			126						
90	126,133	Crane Walk 126-133   M1			3h	11/06/20	11/06/20			126,133						
91	133	Turbine 133 Set Base   M1			1d 2h	11/06/20	11/10/20			133						
92	133,134	Crane Walk 133-134   M1	07/15/20	07/16/20	2h	11/09/20	11/09/20			133,134						
93	134	Turbine 134 Set Base   M1			1d 4h	11/09/20	11/10/20			134						
94	128,134	Crane Walk 134-128   M1	07/16/20	07/16/20	2h	11/09/20	11/09/20			128,134						
95	128	Turbine 128 Set Base   M1			1d 2h	11/10/20	11/11/20			128						
96	120,128	Crane Walk 128-120   M1	07/17/20	07/20/20	2h	11/10/20	11/10/20			120,128						
97	120	Turbine 120 Set Base   M1			1d 4h	11/10/20	11/11/20			120						
98	120	Crane Walk 120-119   M1	07/21/20	07/21/20	2h	11/10/20	11/11/20			119,120						
99	119	Turbine 119 Set Base   M1			1d 4h	11/11/20	11/12/20			119						
100	113,119	Crane Walk 119-113   M1			4h	11/11/20	11/11/20			113,119						
101	113	Turbine 113 Set Base   M1			1d 4h	11/12/20	11/13/20			113						
102	105,113	Crane Walk 113-105   M1			4h	11/12/20	11/12/20			105,113						
103	105	Turbine 105 Set Base   M1			1d 4h	11/13/20	11/16/20			105						
104	100,105	Crane Walk 105-100   M1			2h	11/13/20	11/13/20			100,105						

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	November 2020				December	
										9	16	23	30	30	
105	100	Turbine 100 Set Base   M1			1d 2h	11/13/20	11/16/20			100	Tension Base				
106	94,100	Crane Walk 100-94   M1	07/13/20	07/13/20	1h	11/13/20	11/13/20			94,100	Crane Walk 100-94   M1				
107	94	Turbine 94 Set Base   M1			1d 4h	11/16/20	11/17/20			94	Tension Base				
108	85,94	Crane Walk 94-85   M1	07/08/20	07/09/20	4h	11/16/20	11/16/20			85,94	Crane Walk 94-85   M1				
109	85	Turbine 85 Set Base   M1			1d 4h	11/17/20	11/18/20			85	Tension Base				
110	85,91	Crane Walk 85-91   M1	08/04/20	08/05/20	2h	11/17/20	11/17/20			85,91	Crane Walk 85-91   M1				
111	91	Turbine 91 Set Base   M1			1d 2h	11/17/20	11/18/20			91	Tension Base				
112	91,99	Crane Walk 91-99   M1			2h	11/17/20	11/18/20			91,99	Crane Walk 91-99   M1				
113	99	Turbine 99 Set Base   M1			1d 4h	11/18/20	11/19/20			99	Tension Base				
114	98,99	Crane Walk 99-98   M1			4h	11/18/20	11/18/20			98,99	Crane Walk 99-98   M1				
115	98	Turbine 98 Set Base   M1			1d 4h	11/19/20	11/20/20			98	Tension Base				
116	98,124	Full Breakdown 98-124   M1			3d	11/19/20	11/25/20			98,124	Full Breakdown 98-124   M1				
<b>117</b>		<b>Main Erection # 1</b>	<b>07/08/20</b>	<b>10/13/20</b>	<b>104d 2h</b>	<b>09/19/20 A</b>	<b>02/17/21</b>		<b>24.38</b>						
118	58	Turbine 58 Top-Out and Complete Turbines	07/16/20	07/30/20	6d 13h	11/04/20	11/04/20		96.77	58	Tower Complete				
119	56	Turbine 56 Top-Out and Complete Turbines	07/17/20	08/03/20	8d 6h	11/04/20	11/09/20		70.97	56	Tower Complete				
120	55	Turbine 55 Top-Out and Complete Turbines	07/21/20	08/04/20	6d 5h	11/04/20	11/11/20		25.81	55	Tower Complete				
121	52,55	ME 1 Crane Partial Breakdown 55-52	07/24/20	07/27/20	1d 6h	11/04/20	11/06/20			52,55	ME 1 Crane Partial Breakdown 55-52				
122	52	Turbine 52 Set Base   ME1			2d 4h	11/06/20	11/10/20			52	Tension Base				

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	November 2020				December
										9	16	23	30	30
123	52	Turbine 52 Top-Out and Complete Turbines	07/23/20	08/05/20	6d 5h	11/10/20	11/19/20			52		Tower Complete		
124	50,52	ME 1 Crane Partial Breakdown 52-50	07/22/20	07/23/20	1d 6h	11/11/20	11/13/20			50,55		ME 1 Crane Partial Breakdown 52-50		
125	50	Turbine 50 Top-Out and Complete Turbines	07/27/20	08/06/20	6d 5h	11/13/20	11/24/20			50		Tower Complete		
126	46,50	ME 1 Crane Walk 50-46	07/28/20	07/29/20	1d 4h	11/16/20	11/18/20			46,50		ME 1 Crane Walk 50-46		
127	46	Turbine 46 Top-Out and Complete Turbines	07/29/20	08/07/20	6d 5h	11/18/20	12/01/20			46		Tower Cleaning		
128	46,126	ME1Crane Full Breakdown 46 - 126			3d	11/19/20	11/25/20			46,126		ME 1Crane Full Breakdown 46 - 129		
<b>129</b>		<b>Main Erection # 2</b>	<b>07/16/20</b>	<b>10/20/20</b>	<b>105d 3h</b>	<b>09/24/20 A</b>	<b>02/23/21</b>		<b>14.76</b>					
130	47	Turbine 47 Top-Out and Complete Turbines	08/13/20	08/24/20	4d 17h	11/04/20	11/05/20		83.87	47		Tower Complete		
131	44	Turbine 44 Top-Out and Complete Turbines	08/17/20	08/25/20	8d 18h	11/04/20	11/09/20		64.52	44		Tower Complete		
132	39	Turbine 39 Top-Out and Complete Turbines	08/18/20	08/27/20	6d 5h	11/04/20	11/12/20			39		Tower Complete		
133	25,39	ME 2 Crane Partial Breakdown 39-25			1d 4h	11/05/20	11/06/20			25,39		ME 2 Crane Partial Breakdown 39-25		
134	25	Turbine 25 Top-Out and Complete Turbines	08/26/20	09/04/20	6d 5h	11/09/20	11/17/20			25		Tower Complete		
135	25,28	ME 2 Crane Walk 28-25	08/24/20	08/24/20	6h	11/10/20	11/10/20			25,28		ME 2 Crane Walk 28-25		
136	28	Turbine 28 Top-Out and Complete Turbines	08/24/20	09/02/20	6d 5h	11/11/20	11/19/20			28		Tower Complete		
137	28,32	ME 2 Crane Walk 28-32			6h	11/12/20	11/12/20			28,32		ME 2 Crane Walk 28-32		
138	32	Turbine 32 Top-Out and Complete Turbines	08/21/20	08/31/20	6d 5h	11/13/20	11/23/20			32		Tower Complete		
139	32,35	ME 2 Crane Partial Breakdown 32-35	08/26/20	08/26/20	1d 4h	11/16/20	11/17/20			32,35		ME 2 Crane Partial Breakdown 32-35		
140	35	Turbine 35 Top-Out and Complete Turbines	09/03/20	09/15/20	6d 5h	11/18/20	11/30/20			35		Tower Cleaning		



Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	November 2020				December
										9	16	23	30	30
159		Transmission Line Testing	09/24/20	10/07/20	10d	11/12/20	11/25/20			Transmission Line Testing STR 1 - 96				
160		Transmission Line Testing STR 96 - 123			3d	11/17/20	11/19/20			Transmission Line Testing STR 96 - 123				
<b>161</b>		<b>Transmission Line Detail</b>			<b>118d</b>	<b>06/08/20 A</b>	<b>11/12/20</b>		<b>95.24</b>	Transmission Line Detail				
162		Pulling			61d	08/20/20 A	11/12/20		85.71	Pulling				
163		Pull #7 [STR 96-123]			4d	11/09/20 *	11/12/20			Pull #7 [STR 96-123]				
<b>164</b>		<b>Substation</b>	<b>03/26/20</b>	<b>10/08/20</b>	<b>358d 5h</b>	<b>07/08/19 A</b>	<b>11/08/20</b>		<b>95.00</b>	Substation				
165		Completion	07/29/20	10/08/20	350d	07/19/19 A	11/08/20		75.00	Completion				
166		Function Testout	09/25/20	09/28/20	4h	11/04/20	11/04/20			Function Testout				
167		End to End Testing	10/05/20	10/05/20	4h	11/05/20	11/05/20			End to End Testing				
168		Station Static Reactive Device Status Through SCADA	10/06/20	10/06/20	4h	11/06/20	11/06/20			Station Static Reactive Device Status Through SCADA				
169		Transmission Line Through SCADA	10/07/20	10/07/20	4h	11/07/20	11/07/20			Transmission Line Through SCADA				
170		Substation Testing & Commissioning - Complete	10/08/20	10/08/20		11/08/20	11/08/20			Substation Testing & Commissioning - Complete				
171		Substation Ready to Energize	10/08/20	10/08/20		11/08/20	11/08/20			Substation Ready to Energize				
<b>172</b>		<b>MET Tower</b>	<b>07/06/20</b>	<b>08/03/20</b>	<b>33d 8h</b>	<b>10/05/20 A</b>	<b>11/12/20</b>		<b>60.00</b>	MET Tower				
173		Instrumentation - MET Tower	07/17/20	07/20/20	3d	10/30/20 A	11/04/20		75.00	Instrumentation - MET Tower				
174		Fencing & Rock Ring	07/24/20	07/30/20	4d	11/05/20	11/10/20			Install Rock Ring				
175		Completion - MET Tower	07/31/20	08/03/20	1d 4h	11/11/20	11/12/20			Punchlist Items - MET Tower				
<b>176</b>		<b>O &amp; M Building</b>	<b>05/21/20</b>	<b>09/16/20</b>	<b>121d</b>	<b>06/17/20 A</b>	<b>12/01/20</b>		<b>89.93</b>	O & M Building				

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	November 2020				December	
										9	16	23	30	30	
177		<b>O &amp; M Building</b>			121d	06/17/20 A	12/01/20		89.93						O & M Building
178		<b>SCADA Room</b>			83d	07/16/20 A	11/06/20		96.40						SCADA Room
179		Install Vestas-Supplied Equipment			2d	11/04/20	11/05/20								Install Vestas-Supplied Equipment
180		Punchlist - SCADA Rm			1d	11/06/20	11/06/20								Punchlist - SCADA Rm
181		<b>Exterior Work</b>			67d	08/17/20 A	11/17/20		51.85						Exterior Work
182		Security Fence			5d	11/04/20	11/10/20								Security Fence
183		Gates			5d	11/11/20	11/17/20								Gates
184		Pipe Bollards			3d	11/04/20	11/06/20								Pipe Bollards
185		<b>Exterior Electric</b>			44d	09/16/20 A	11/13/20		20.00						Exterior Electric
186		Set Pad-Mount Transformer			8d	11/04/20	11/13/20								ATS and Main Disconnect
187		<b>O &amp; M Building Completion</b>			8d	11/18/20	12/01/20								O & M Building
188		Touch-Up/Punchlist			8d	11/18/20	12/01/20								Touch-Up/Punchlist
189		<b>Storage Building</b>			85d	07/22/20 A	11/16/20		89.71						Storage Building
190		<b>Storage Building</b>			85d	07/22/20 A	11/16/20		89.71						Storage Building
191		<b>Structure</b>			62d	07/22/20 A	11/04/20		96.88						Structure
192		Interior Framing			1d 4h	08/28/20 A	11/04/20		90.00						Interior Framing
193		Pipe Bollards			2d 4h	11/02/20 A	11/04/20		100.00						Pipe Bollards
194		<b>Storage Building Completion</b>			8d	11/05/20	11/16/20								Storage Building Completion

**Types of Work**

Base Mid Crane Walk	Interior Framing	Grade Crane Paths	Set Base   Mid	Torque Base   Mid	WTG Delay & Off-Load	MET Tower Erection	Grout Base	MET Tower Completion
SCADA Room	ME Crane Walk	Crane Breakdown	Site Improvments	String, Sag, Clip	Exterior Electric	O & M Building Completion	Tension Base	Set Top   Nacelle   Hub
Torque Tower	Stab Blades	Tension Blades	Wire Pull	Wire Terminations	Roll Blades	Install Hub	Install Lift Assist	Tower Cleaning
Mechanical Completion	Tower Walkdown	Nacelle Mech. Prep	Install Turning Gear	Tower Complete	Substation Testing			

**Milestone Appearances**

Diamond

**Exhibit C – Progress Map**





**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
143	Circuit 13B Cable Repair at SP 13B-8	Open	Mortenson - Power...	Mott, Rion (Mortenson - Power Delivery Solutions)	Brennan, Troy (So... Randolph, Sheridy...	11/11/2020	Rion Mott	11/14/2020		Brennan, Troy (So... Randolph, Sheridy...	SP 13B-8	TBD		TBD
142	O&M Building and Storage Building Keys	Open	Titan Constructio...	Baker, Randal (Titan Construction, LLC)	Cote, Melody (Sol...	11/09/2020	Mitch Holsinger	11/12/2020		Cote, Melody (Sol...				
36	Vestas PSSE Dynamic Models	Open	Mortenson - Engin...	Anderson, Tami (Mortenson - Engineering Services Group)	Pellinen, Matt (S...	03/24/2020	Tammy Abbey	03/31/2020		Pellinen, Matt (S...				

**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	
W34 - Permits	W34-29	0	Oversize/Overweight Permit for State Highways	Permits	Open	Mortenson - Wind Energy		02/21/2020				Thea Daguison (Mortenson - Wind Energy)	Lucas Butz (Mortenson - Wind Energy) Thea Daguison (Mortenson - Wind Energy)	Pending Submitted	12/10/2019 12/10/2019	10/30/2020			
W34 - Permits	W34-15	0	Federal Aviation Administration Notification Form 7460-2	Permits	Open	Liberty Utilities (Missouri)	06/26/2020					Lucas Butz (Mortenson - Wind Energy) Thea Daguison (Mortenson - Wind Energy)	Becky Heffren (Liberty Utilities (Missouri)) Lucas Butz (Mortenson - Wind Energy) Thea Daguison (Mortenson - Wind Energy)	Submitted Pending Pending	12/10/2019 01/30/2020 01/30/2020	01/30/2020	06/19/2020 06/26/2020 06/26/2020		
W34 - Permits	W34-13	1	Clean Water Act, Section 404; Nationwide Permits (NWP) 12, 14, 33, 51	Permits	Open	Liberty Utilities (Missouri)						Thea Daguison (Mortenson - Wind Energy)	Becky Heffren (Liberty Utilities (Missouri)) Thea Daguison (Mortenson - Wind Energy)	Submitted Approved	03/12/2020 03/16/2020	03/16/2020 07/29/2020			
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		
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	W25-76	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 -		Open	Mortenson - Engineering	09/28/2020			Katie Dunphy		Katie Dunphy (Mortenson -	Shaen Rooney (Liberty Utilities	Approved As Noted	09/14/2020 09/14/2020	10/01/2020 10/01/2020	09/28/2020 09/28/2020		



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	
			Issue for Review			Services Group						Engineering Services Group)	(Missouri) Jacob Schueller (Mortenson - Energy Storage & Solutions)	Approved					
W25 - Substation	W25-70	0	Kings Point Relay Settings - Issue for Review		Open	Mortenson - Engineering Services Group	08/13/2020			Katie Dunphy		Ella Rose (Burns & McDonnell)	Shaen Rooney (Liberty Utilities (Missouri)) Ella Rose (Burns & McDonnell)	Approved As Noted Pending	07/30/2020 07/30/2020	09/02/2020	08/13/2020 08/13/2020		
W25 - Substation	W25-54	0	Substation Surface Rock		Open							Keaton Voegtly (Mortenson - Power Delivery Solutions)							
W25 - Substation	W25-53	0	Current Limiting Reactor		Open							Keaton Voegtly (Mortenson - Power Delivery Solutions)							
W25 - Substation	W25-39	0	Concrete Field Testing Results (For Record)		Open							Keaton Voegtly (Mortenson - Power Delivery Solutions)							
W25 - Substation	W25-38	0	Finish Rock		Open							Keaton Voegtly (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	W23-5	0	FDS Mortenson Review		Open		11/06/2020					Armin Etemadi (Mortenson - Power Delivery Solutions)	Armin Etemadi (Mortenson - Power Delivery Solutions) Logan Bell (Solas Energy Consulting) Troy Brennan (Solas Energy Consulting) Melody Cote (Solas Energy Consulting) Erik Larson (Solas Energy Consulting) Matt Pellinen	Submitted Pending Pending Pending Approved Pending For Record Only Pending Pending	10/21/2020 10/21/2020 10/21/2020 10/21/2020 10/21/2020 10/21/2020 11/05/2020 10/21/2020 11/05/2020 11/05/2020	10/21/2020 10/30/2020 10/30/2020 10/30/2020 10/30/2020 10/30/2020 11/05/2020 10/30/2020 11/06/2020 11/06/2020			



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
													(Solas Energy Consulting) Shaen Rooney (Liberty Utilities (Missouri)) Scott Rowland (Liberty Utilities (Missouri)) Armin Etemadi (Mortenson - Power Delivery Solutions) Kirsten Kelly (Mortenson - Engineering Services Group) Nat Summitt (Mortenson - Engineering Services Group)					
W23 - SCADA	W23-3	0	Scada Points List		Open		10/31/2020			Armin Etemadi (Mortenson - Power Delivery Solutions)		Armin Etemadi (Mortenson - Power Delivery Solutions)	Armin Etemadi (Mortenson - Power Delivery Solutions) Logan Bell (Solas Energy Consulting) Melody Cote (Solas Energy Consulting) Erik Larson (Solas Energy Consulting) Matt Pellinen (Solas Energy Consulting) Shaen Rooney (Liberty Utilities (Missouri)) Scott Rowland (Liberty Utilities (Missouri)) Armin Etemadi (Mortenson - Power Delivery Solutions) Kirsten Kelly (Mortenson - Engineering Services Group) Nat Summitt (Mortenson - Engineering Services Group)	Submitted Pending Pending Pending Approved Pending For Record Only Pending Pending	09/24/2020 09/24/2020 09/24/2020 09/24/2020 09/24/2020 09/24/2020 10/29/2020 10/29/2020	09/24/2020 09/24/2020 10/29/2020 11/03/2020	09/24/2020 10/30/2020 10/30/2020 10/30/2020 10/30/2020 10/30/2020 10/31/2020 10/31/2020	
W23 - SCADA	W23-2	0	HMI Screen Go-By		Open	Mortenson - Engineering Services	01/03/2020			Tami Anderson		Tammy Abbey (Mortenson - Power Delivery)	Shaen Rooney (Liberty Utilities (Missouri))	Approved As Noted	12/20/2019	01/06/2020	01/03/2020	



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	
						Group						Solutions)							
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 Voegtly (Mortenson - Power Delivery Solutions)							
W17 - Underground Collection System	W17-29	0	Vestas Basic Switchgear		Open							Keaton Voegtly (Mortenson - Power Delivery Solutions)							
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 -	W17-15	0	Splice Closure and		Open							Keaton Voegtly							





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	
Underground Collection System			Tray									(Mortenson - Power Delivery Solutions)							
W17 - Underground Collection System	W17-14	0	Handhole Enclosure		Open							Keaton Voegtly (Mortenson - Power Delivery Solutions)							
W17 - Underground Collection System	W17-6	0	Ground Rock		Open							Keaton Voegtly (Mortenson - Power Delivery 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	04/09/2020 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 Voegtly (Mortenson - Power Delivery Solutions)							
W07 - Foundations	W07-42	1	Grout Placement Procedure		Open		06/15/2020					Jhoanna Sadural (Mortenson - Wind Energy)	Charles Beauzay (Barr Engineering Company)	Approved	09/15/2020	09/16/2020	06/15/2020		
W07 - Foundations	W07-25	0	Geotechnical Engineer's Subgrade Inspection Report	Test Reports	Open			06/01/2020				Tony Iglesias Ramirez (Mortenson - Wind Energy)							
W07 -	W07-24	0	Engineer Fill	Test Reports	Open			06/01/2020				Tony Iglesias							



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

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
Foundations			Compaction Under Foundation									Ramirez (Mortenson - Wind Energy)						
W07 - Foundations	W07-21	0	Grout Cube Strength Test Results	Test Reports	Open			10/30/2020				Tony Iglesias Ramirez (Mortenson - Wind Energy)						
W07 - Foundations	W07-20	0	Anchor Bolt Tension Test Data	Test Reports	Open			10/30/2020				Tony Iglesias Ramirez (Mortenson - Wind Energy)						
W07 - Foundations	W07-15	0	Tower Base Setting and Grouting Plan and Product Data	Process Plan	Open			06/01/2020				Tony Iglesias Ramirez (Mortenson - Wind Energy)						
W07 - Foundations	W07-14	0	Concrete Temperature Data	Reports	Open			06/01/2020				Tony Iglesias Ramirez (Mortenson - Wind Energy)						
W07 - Foundations	W07-11	0	Concrete Strength Report	Test Reports	Open			07/31/2020				Tony Iglesias Ramirez (Mortenson - Wind Energy)						
W07 - Foundations	W07-10	0	Concrete Test Field Summary	Field Quality-Control Reports	Open			07/31/2020				Tony Iglesias Ramirez (Mortenson - Wind Energy)						
W07 - Foundations	W07-7	0	Common Backfill Reports	Field Quality-Control Reports	Open			06/25/2020				Tony Iglesias Ramirez (Mortenson - Wind Energy)						
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 (Solas Energy Consulting) Taylor Schriener (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	0	Kings Point - MET Tower Turnover Book Table of Contents		Open	Mortenson - Wind Energy	10/14/2020					Matt Pellinen (Solas Energy Consulting)	Logan Bell (Solas Energy Consulting) Matt Pellinen (Solas Energy Consulting)	Revise And Resubmit Pending	10/07/2020 10/07/2020	10/23/2020	10/14/2020 10/14/2020	
	SWPPP	17	SWPPP Inspection (6/3/2020)	Reports	Open	Terracon Consultants Inc			All Site	Becki Davis		Becki Davis (Terracon Consultants Inc)						
	SWPPP	14	SWPPP Inspection	Reports	Open	Terracon Consultants Inc				Becki Davis		Becki Davis (Terracon Consultants Inc)						

**Exhibit F – Cost Issue Log**

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



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



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



**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 - Unloaded FERC Affiliate Waiver	1. FERC Affiliate Waiver
1c		EPA Sec 204 Authority		Owner	Complete	2/7 - 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	Complete	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 agreements available to upload	<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>	In Progress	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 - <b>KAMO crane crossing permit amendment pending (Liberty's court)</b> 11/3 - <b>Becky to upload KAMO amendment on Procure</b>	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 Agreements available for upload	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, crossing, 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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**Closed Report**

**Initial Investigation Closed**

**Project Details at Time of Incident**

<b>Event Type</b>	Incident	<b>Event Number</b>	EV2020228955
<b>Event Subtype</b>	Property Damage	<b>Brief Description</b>	While operating a track loader, a team member picked up metal mats using his forks. He stated that the force of the mats hitting the mast of the forks cause the front window to crack
<b>Diamond Event Project Number</b>	No 19141024	<b>Project Manager</b>	Butz, Lucas Arthur
<b>Project Name</b>	Kings Point Wind	<b>Project Superintendent Area/Assistant Superintendent</b>	Vick, Mark
<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>	10/01/2020	<b>Time Occurred (HH:MM)</b>	08:30 AM
<b>Event Reported By</b>	Mortenson	<b>Name</b>	Miles, Matthew
<b>Work Being Performed By</b>	Mortenson	<b>Name</b>	Miller, Lee
<b>Location of Incident</b>	T-34		
<b>Environmental Conditions at the time of the Incident</b>			
Temperature 33 - 85 deg. F.			

**Property Damage**

<b>Property Damage Type</b>	Equipment	<b>PropertyDamageSubType</b>	Other Equipment
<b>Ownership Type</b>	Rented/Leased	<b>OwningLeasingParty</b>	Mortenson
<b>Company Name</b>		<b>Telephone Number</b>	
<b>Damage Description</b>	Cracked front window of a track loader	<b>Damage Cause</b>	Drop/Impact/Collision
<b>Property Damage Estimated Value</b>	\$1 - \$5,000	<b>Damage Final Value</b>	\$1.00
<b>Drug Testing Completed</b>	Yes		

**Unsafe Conditions, Hazards, or Exposures**

<b>Description of unsafe conditions</b>	Cold morning temperatures could have contributed to the window crack
<b>Unsafe Conditions Include</b>	Cold Temperature

**Attachments**

<b>Attachment</b>	<a href="#">track loader 3.jpg</a>
-------------------	------------------------------------

**Immediate Corrective Actions Taken**

<b>Immediate Corrective Action Taken</b>	Spoke with operator about properly inspecting equipment each day as well as being more careful when picking up mats		
<b>Taken By</b>	Mortenson	<b>Name</b>	Sehmer, Dillon
<b>Date Completed</b>	10/01/2020		

**Links**

There are currently no Links for this event.

**Witnesses**

There are currently no Witnesses for this event.

**Preventive Actions Taken**

<b>Preventive Action Taken</b>	Made sure operator is aware of hazards while operating in cold conditions as well as checking daily inspections		
<b>Taken By</b>	Mortenson	<b>Name</b>	Sehmer, Dillon
<b>Date Due</b>	10/01/2020	<b>Date Completed</b>	10/01/2020

**Impacts**

<b>Mortenson Total Labor (Hours)</b>	No Labor Impact
<b>Mortenson Material Cost (Dollars)</b>	\$1 - \$5,000
<b>Mortenson Impact to a Task/Activity</b>	No Impact to Schedule
<b>Subcontractor Labor (Hours)</b>	No Labor Impact
<b>Subcontractor Material Cost (Dollars)</b>	No Cost Impact



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## Closed Report

Initial Investigation Closed

### Project Details at Time of Incident

<b>Event Type</b>	Incident	<b>Event Number</b>	EV2020229620
<b>Event Subtype</b>	Injury	<b>Brief Description</b>	HL 1 A team member developed a rash on his arms and saw the onsite medic.
<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>	10/06/2020	<b>Time Occurred (HH:MM)</b>	05:00 PM
<b>Event Reported By</b>	Mortenson	<b>Name</b>	
<b>Work Being Performed By</b>	Mortenson	<b>Name</b>	
<b>Location of Incident</b>	Unknown		
<b>Environmental Conditions at the time of the Incident</b>			
Temperature above 85 deg. F.			

### Injured Persons

#### Injured Person Detail for

<b>Employed By</b>	Mortenson	<b>Name</b>			
<b>Injury Severity</b>	Not Work Related				
<b>Description of unsafe conditions</b>					
<b>Unsafe Conditions Include</b>					
<b>Treatment Status</b>	Taken for treatment				
<b>Facility Type</b>	Occupational Medicine Clinic	<b>Facility Name</b>	Freeman Occumed		
<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>	N/A	<b>Division of Work</b>	<b>Subdivision of Work</b>		
<b>Injuries</b>					
<b>Injury Type</b>	Allergic Reaction	<b>General Body Part</b>	Arm/Hand	<b>Specific Body Part</b>	Left Lower Arm
<b>Treatment Date</b>	10/19/2020 12:00:00 AM				
<b>Activity</b>	Not Applicable	<b>Cause</b>	Miscellaneous Causes – Other	<b>Other Injury (Not Listed)</b>	
<b>Description Of Restrictions</b>					
<b>Injury/Illness</b>	Injury	<b>Drug Testing Completed</b>	No	<b>No Drug Testing Explanation</b>	Not necessary

#### Injured Person Detail for

<b>Employed By</b>	Mortenson	<b>Name</b>			
<b>Injury Severity</b>	Not Work Related				
<b>Description of unsafe conditions</b>					
<b>Unsafe Conditions Include</b>					
<b>Treatment Status</b>	Taken for treatment				
<b>Facility Type</b>	Occupational Medicine Clinic	<b>Facility Name</b>	Freeman Occumed		
<b>Person Was Wearing</b>	Hardhat, Hi-Vis Vest, Boots, Safety Glasses				
<b>Person Was Wearing Other Description</b>					
<b>Description of Task</b>	N/A	<b>Division of Work</b>	<b>Subdivision of Work</b>		
<b>Injuries</b>					
<b>Injury Type</b>	Allergic Reaction	<b>General Body Part</b>	Arm/Hand	<b>Specific Body Part</b>	Right Lower Arm
<b>Treatment Date</b>	10/19/2020 12:00:00 AM				
<b>Activity</b>	Not Applicable	<b>Cause</b>	Miscellaneous Causes – Other	<b>Other Injury (Not Listed)</b>	
<b>Description Of Restrictions</b>					
<b>Injury/Illness</b>	Injury	<b>Drug Testing Completed</b>	No	<b>No Drug Testing Explanation</b>	Not necessary

**Unsafe Conditions, Hazards, or Exposures** 

**Description of unsafe conditions** Unknown cause. Personal medical condition.  
**Unsafe Conditions Include** Other

**Attachments** 

Attachment
<a href="#">Rash.jpg</a>

**Immediate Corrective Actions Taken** 

**Immediate Corrective Action Taken** Team member was given benadryl as well as itch cream by the onsite medic. Arms were wrapped in gauze

**Taken By** Subcontractor **Name** Sickles, Jeremy

**Is a Prime Subcontractor? (Project has a contract with this sub)** Yes  
**Company Info**  
**Company Name** HV Occupational Health and Safety  
**Phone** 5177639000  
**Title** Medic

**Date Completed** 10/08/2020

**Links** 

There are currently no Links for this event.

**Witnesses** 

First Name	Last Name	Employed By	Company Name	Title	Phone
Woodrow	Johnson	Mortenson		Non-Union.Wind Millwright Foreman.II	

**Preventive Actions Taken** 

**Preventive Action Taken** Team member was given benadryl as well as anti itch cream. His arms were wrapped in gauze

**Taken By** Subcontractor **Name** Sickles, Jeremy

**Is a Prime Subcontractor? (Project has a contract with this sub)** Yes  
**Company Info**  
**Company Name** HV Occupational Health and Safety  
**Phone**  
**Title** Medic

**Date Due** 10/08/2020 **Date Completed** 10/08/2020

**Impacts** 

**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** Unknown  
**Other Impacts**

**Key Contributing Factors** 

**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:** 10 **Hours Completed week of incident:**  
**Process Contributing Factors:**  
**Design Engineering Deficiency Factors:**  
**Material Deficiency Factors:**  
**Other External Factors:** Not applicable  
**Additional Information:**

**Equipment/Tools In Use**

There are currently no Equipment/Tools for this event.

**Materials In Use**

Material
Not Applicable

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[Manage Witness](#)




<b>Event Type</b>	Incident	<b>Event Number</b>	EV2020229696
<b>Event Subtype</b>	Injury	<b>Brief Description</b>	Team member slipped from crane track and fell onto the crane mat. This resulted in some soreness.
<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>	Reagan, Gregory		
<b>Date Occurred (MM/DD/YYYY)</b>	10/19/2020	<b>Time Occurred (HH:MM)</b>	08:00 AM
<b>Event Reported By</b>	Mortenson	<b>Name</b>	Gaston, Dennis
<b>Work Being Performed By</b>	Mortenson	<b>Name</b>	
<b>Location of Incident</b>	T-29		
<b>Environmental Conditions at the time of the Incident</b>			
Temperature 33 - 85 deg. F., Rain			




### 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 Name</b>	
<b>Facility Type</b>			

**Person Was Wearing** Hardhat, Hi-Vis Vest, Boots, Safety Glasses, Gloves

**Person Was Wearing Other Description**

**Description of Task** Manitowoc 2250 Operator    **Division of Work** 91 - Wind Uni-Format    **Subdivision of Work** 91A11 - WTG Erection

**Injuries**

**Injury Type** Strain/Muscle Pull    **General Body Part** Leg/Foot    **Specific Body Part** Left Ankle

**Treatment Date** 10/19/2020 12:00:00 AM

**Activity**    **Cause**    **Other Injury (Not Listed)**

**Description Of Restrictions**

**Injury/Illness** Injury    **Drug Testing Completed** No    **No Drug Testing Explanation** N/A

**Injured Person Detail for**

**Employed By** Mortenson    **Name**

**Injury Severity** First Aid On Site

**Description of unsafe conditions**

**Unsafe Conditions Include**

**Treatment Status** Treated on site

**Facility Type**    **Facility Name**

**Person Was Wearing** Hardhat, Hi-Vis Vest, Boots, Safety Glasses, Gloves

**Person Was Wearing Other Description**

**Description of Task** Manitowoc 2250 operator.    **Division of Work** 91 - Wind Uni-Format    **Subdivision of Work** 91A11 - WTG Erection

**Injuries**

**Injury Type** Strain/Muscle Pull    **General Body Part** Arm/Hand    **Specific Body Part** Left Wrist

**Treatment Date** 10/19/2020 12:00:00 AM

**Activity**    **Cause**    **Other Injury (Not Listed)**

**Description Of Restrictions**

**Injury/Illness** Injury    **Drug Testing Completed** No    **No Drug Testing Explanation** N/A

**Unsafe Conditions, Hazards, or Exposures**

Edit 

**Description of unsafe conditions** Slippery walking working surface condition. Lack of 3 points of contact.

**Unsafe Conditions Include** Fall from Elevation, Walking/Working Surface, Water

**Attachments**

Edit 

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

**Immediate Corrective Actions Taken**

Edit 



**Immediate Corrective Action Taken**      Ensure 3 points of contact are maintained.

**Taken By**      Mortenson      **Name**

**Date Completed**      10/19/2020

### Links

Edit



There are currently no Links for this event.

### Witnesses

Edit



First Name	Last Name	Employed By	Company Name	Title	Phone
Dennis	Gaston	Mortenson		Non-Union.Wind Operating Engineer Foreman.II	

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#### Project Details at Time of Incident

[Edit](#)

<b>Event Type</b>	Potential Incident	<b>Event Number</b>	EV2020229729
<b>Event Subtype</b>	Near Miss	<b>Brief Description</b>	TM slipped on muddy crane mat and fell. TM was not injured.
<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>	Reagan, Gregory		
<b>Date Occurred (MM/DD/YYYY)</b>	10/20/2020	<b>Time Occurred (HH:MM)</b>	01:00 PM
<b>Event Reported By</b>	Mortenson	<b>Name</b>	Miles, Matthew
<b>Work Being Performed By</b>	Mortenson	<b>Name</b>	Hollje, Charlie
<b>Location of Incident</b>	T-34		
<b>Environmental Conditions at the time of the Incident</b>			
Temperature 33 - 85 deg. F., Fog, Rain			

#### Unsafe Conditions, Hazards, or Exposures

[Edit](#)

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

**Employed By** Mortenson **Name** Hollje, Charlie

**Description of unsafe conditions** Wet/Muddy crane mat created a slippery walking, working surface.

**Unsafe Conditions Include** Walking/Working Surface, Other, Rain

**Unsafe Condition Other Description** Mud

#### Attachments

[Edit](#)

There are currently no Attachments for this event.

#### Immediate Corrective Actions Taken

[Edit](#)

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

#### Links

[Edit](#)

There are currently no Links for this event.

#### Witnesses

[Edit](#)

First Name	Last Name	Employed By	Company Name	Title	Phone
Matthew	Miles	Mortenson		Non-Union.Wind Ironworker Foreman.I	

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Mortenson Proprietary



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Project Details at Time of Incident

[Edit](#)

<b>Event Type</b>	Incident	<b>Event Number</b>	EV2020229737
<b>Event Subtype</b>	Property Damage	<b>Brief Description</b>	During 2250 disassembly operator swung boom left instead of right, causing boom section to make contact with the butt section.
<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>	Reagan, Gregory		
<b>Date Occurred (MM/DD/YYYY)</b>	10/20/2020	<b>Time Occurred (HH:MM)</b>	02:20 PM
<b>Event Reported By</b>	Mortenson	<b>Name</b>	Palmer, Gerald
<b>Work Being Performed By</b>	Mortenson	<b>Name</b>	Palmer, Gerald
<b>Location of Incident</b>	T-33		
<b>Environmental Conditions at the time of the Incident</b>			
Temperature 33 - 85 deg. F.			

Property Damage

[Edit](#)

<b>Property Damage Type</b>	Equipment	<b>PropertyDamageSubType</b>	Other Equipment
<b>Ownership Type</b>	Rented/Leased	<b>OwningLeasingParty</b>	Mortenson
<b>Company Name</b>		<b>Telephone Number</b>	
<b>Damage Description</b>	Incident on 2250 butt section lacing.	<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>	Yes		

Unsafe Conditions, Hazards, or Exposures

[Edit](#)

**Description of unsafe conditions** Crane operator swung boom in opposite direction of signal.  
**Unsafe Conditions Include** Cranes/Rigging, Heavy Machinery Including Forklifts, Struck By/Against, Property Damage, Unsafe Act

Attachments

[Edit](#)

Attachment

- [2250 Point of boom contact.pdf](#)
- [2250 Butt section.pdf](#)
- [2250 Boom section.pdf](#)

Immediate Corrective Actions Taken

[Edit](#)

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

Links

[Edit](#)

There are currently no Links for this event.

Witnesses

[Edit](#)

There are currently no Witnesses for this event.

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Mortenson Proprietary



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Project Details at Time of Incident

[Edit](#)

<b>Event Type</b>	Incident	<b>Event Number</b>	EV2020229927
<b>Event Subtype</b>	Property Damage	<b>Brief Description</b>	An operator was lifting mats near the hub at site T-44 when the mats made contact with the hub.
<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>	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>	10/25/2020	<b>Time Occurred (HH:MM)</b>	12:00 PM
<b>Event Reported By</b>	Mortenson	<b>Name</b>	Downer, Scott
<b>Work Being Performed By</b>	Mortenson	<b>Name</b>	Downer, Scott
<b>Location of Incident</b>	T-44		
<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>	Mortenson
<b>Company Name</b>		<b>Telephone Number</b>	
<b>Damage Description</b>	Several cracks in fiberglass of the hub at site T-44	<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>	Yes		

Unsafe Conditions, Hazards, or Exposures

[Edit](#)

**Description of unsafe conditions** Team member should not have been lifting mats near the hub.  
**Unsafe Conditions Include** Heavy Machinery Including Forklifts, Struck By/Against, Property Damage, Unsafe Act

Attachments

[Edit](#)

Attachment
<a href="#">T44 Hub Damage 1.jpg</a>
<a href="#">T44 Hub Damage 2.jpg</a>
<a href="#">T44 Hub Damage 3.jpg</a>

Immediate Corrective Actions Taken

[Edit](#)

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

Links

[Edit](#)

There are currently no Links for this event.

Witnesses

[Edit](#)

There are currently no Witnesses for this event.

Preventive Actions Taken

[Edit](#)

<b>Preventive Action Taken</b>	All operators involved with moving mats will be brought in and talked about when moving mats is appropriate and when spotters are to be used.		
<b>Taken By</b>	Mortenson	<b>Name</b>	Ellis, John
<b>Date Due</b>	10/26/2020	<b>Date Completed</b>	

Impacts

[Edit](#)

There are currently no Impacts for this event.

**Subcontractor Task/Activity (Days)**  
**Customer Project Schedule (Days)**



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- [Unsafe Conditions, Hazards, and Exposures](#)
- [Manage Witness](#)

### Project Details at Time of Incident [Edit](#)

<b>Event Type</b>	Incident	<b>Event Number</b>	EV2020230134
<b>Event Subtype</b>	Property Damage	<b>Brief Description</b>	While leaving the jobsite after hours, a team member struck a deer in a Mortenson vehicle
<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>	10/29/2020	<b>Time Occurred (HH:MM)</b>	08:30 PM
<b>Event Reported By</b>	Mortenson	<b>Name</b>	Januszewski, Ryan
<b>Work Being Performed By</b>	No Construction Related Work was in Progress	<b>Name</b>	Januszewski, Ryan
		<b>Company Info</b>	
		<b>Company Name</b>	Mortenson
		<b>Phone</b>	6127099410
		<b>Title</b>	Project Manager
<b>Location of Incident</b>	Offsite		
<b>Environmental Conditions at the time of the Incident</b>	Temperature 33 - 85 deg. F., Night/Dark		

### Property Damage [Edit](#)

<b>Property Damage Type</b>	Vehicle	<b>PropertyDamageSubType</b>	
<b>Ownership Type</b>	Rented/Leased	<b>OwningLeasingParty</b>	Mortenson
<b>Company Name</b>		<b>Telephone Number</b>	
<b>Damage Description</b>	Passenger side dented/damaged	<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](#)

<b>Description of unsafe conditions</b>	Deer and other wild life on the roads
<b>Unsafe Conditions Include</b>	Low Visibility/Dark

### Attachments [Edit](#)

Attachment
<a href="#">Rj_Vehicle_Damage.jpg</a>

### Immediate Corrective Actions Taken [Edit](#)

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

### 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.

### Impacts [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>	No Impact (Customer is not concerned.)
<b>Other Impacts</b>	

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

<b>Event was related to unplanned work or rework:</b>	No	
<b>Worker(s) has appropriate qualification/certification:</b>	Yes	
<b>Appropriate permits in place at the time of the event:</b>	Yes	
<b>Hours Completed day of incident:</b>	10	<b>Hours Completed week of incident:</b>
<b>Process Contributing Factors:</b>		
<b>Design Engineering Deficiency Factors:</b>		
<b>Material Deficiency Factors:</b>		
<b>Other External Factors:</b>	Not applicable	
<b>Additional Information:</b>		

<b>Equipment/Tools In Use</b>
There are currently no Equipment/Tools for this event.

<b>Materials In Use</b>
There are currently no Materials for this event.

<a href="#">Return To Home/Search</a>	<a href="#">Submit Investigation</a>
---------------------------------------	--------------------------------------

[➔ Document History](#)      Initial Report submitted by Sehmer, Dillon Alan on 10/30/2020 2:29:57 PM

Mortenson Proprietary

Key Contributing Factors <span style="float: right;"><a href="#">Edit</a> </span>	
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:            5	Hours Completed week of incident:
Process Contributing Factors:	Best Practice, Other
Other Process Contributing Factors Description:	TM didn't need to be moving mats at that time
Design Engineering Deficiency Factors:	
Material Deficiency Factors:	
Other External Factors:	
Additional Information:	
<hr/>	
Equipment/Tools In Use	
Equipment/Tool Type	Type/Make/Model/Description
Construction Heavy Equipment	
<hr/>	
Materials In Use	
There are currently no Materials for this event.	
<hr/>	
<a href="#">Return To Home/Search</a>	<a href="#">Submit Investigation</a>
<hr/>	
<a href="#">➔ Document History</a>	Initial Report submitted by Osterman, Jacob (Jake) on 10/25/2020 4:44:02 PM

Mortenson Proprietary

**Exhibit I – Environmental Reports**



**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

**October 1 – October 31, 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/Jamie Boje
Contract Type:	TSA	HSE Specialist:	Matthew Adamson
Project Location:	Missouri		
Report Date	November 9th, 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 64% complete and expected completion week 49, pending weather. Turbine installation continues currently at 31% completion. Commissioning is slated to start once the first MCC is received expected week 46.

### 2. Safety

Summary:

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

Absolute indicators	This month	Accumulated
# of LTIs	0	0
# of environmental incidents	0	0
# of near misses/incidents	0	0
# of workhours*	1,975	5,146

## 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 Malaysi 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/V110 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

- Star Lysefjord, arrived with 18 Towers
- CL Heidi arrived (Nov. 4<sup>th</sup>) with the last 14 Towers out of Kandla

## ESO Progress Report Kings Point

### Railhead Inventory & Trucking:

COMPONENT IN (SETS)	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44	Week 45	Week 46	Week 47	Week 48	Week 49	Week 50	Week 51	Total		
V110 Blades				1	3	4	2	2																															12	
V110 Nacelles									12																															12
V110 Hubs									12																															12
V110 Tower																									12															12
V120 Blades								12											9	5	4	5	4			9				9									57	
V120 Nacelles									23							34																							57	
V120 Hubs									23							34																							57	
V120 Tower																										2	14		9				14	14	4				57	
Thanksgiving																																								
CURRENT DELIVERY PLAN	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44	Week 45	Week 46	Week 47	Week 48	Week 49	Week 50	Week 51	Total		
**EXHIBIT B SCHEDULE	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	Total		
V110 Blades																		10	2																				12	
V110 Nacelles																		10	2																				12	
V110 Hubs																		10	2																				12	
V110 Tower																									7	5													12	
V120 Blades																			8	10	9	3	6	3					1	10	7							57		
V120 Nacelles																			6	10	10	10	8	10	3													57		
V120 Hubs																			8	10	10	10	8	10	1													57		
V120 Tower																									1	1	8	6	2		7	10	10	10	2				57	

### Impacts since last report:

- 12 tower sets pulled forward from weeks 49 and 50 to week 48 and 49
- All remaining components projected to be back stocked at railhead for remainder of the project
- 2 remaining trains expected to deliver weeks 47 and 48

### Updates (As of October 31st, 2020 Happy Halloween):

Deliveries			Install			Commissioning / HOTS		
	#	%		#	%		#	%
Base	30	43%	Install SWG	69	100%	MCC Walkdowns Complete	3	18%
Lower Mid 1 (Section 2)	30	43%	Installation Hub	40	58%	Full MCCs Accepted by Vestas	0	0%
Middle Mid 2 (Section 3)	29	42%	Nacelle Build / Prep / Cooler Top Install	49	71%	Arc Flash complete	0	0%
Upper Mid 3 (Section 4)	31	45%	Installation Base	26	38%	Pre-commissioning complete	0	0%
Top	31	45%	Installation Lower Mid 1	26	38%	Freewheeling (Pre-commissioning)	0	0%
Nacelle Deliveries	69	100%	Installation Middle Mid 2	12	17%	Freewheeling (1 - 3 Month)	0	0%
Hub Deliveries	69	100%	Installation Upper Mid 3	12	17%			
			Installation Top	12	17%	Commissioning complete	0	0%
Blade Deliveries	51	74%	Installation Nacelle	11	16%	Leak Check	0	0%
			Installation Blades	11	16%	Run Test complete	0	0%
						Handover to Service	0	0%
			Cable Work	4	6%			
			Gen Alignment	0	0%			
			Install Service Lift	8	12%			
Total Deliveries (690 Total)	442	64%	Install Project Total		31%			

## ESO Progress Report Kings Point

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### 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.
- Ladder support brackets have come installed wrong from the factory.
- Yellow doors, Vestas submitted NCR to the factory.

### Damages/Parts/Tools Issues:

- 10/23: M-2 tower section. CIR #TBD
- 10/25: BOP struck T-44 hub. No CIR will be issued, but Vestas will assist with repair report.

### Scope changes adjustment/Issues:

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

## 4. Schedule

- Vestas pre-commissioning and commissioning schedule will be updated once new BOP schedule is received 11/9/20
- Anticipated delivery completion moved forward one week to week 49
- 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.**