

# Kings Point Wind Project

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



*Project Progress Report No. 11*

*June 2020*

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

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

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

# Kings Point Wind Project Project Progress Report No. 11

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*June 2020*

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## 1.0 Summary

Foundation installation continued to be the major focus of activity for the month in anticipation of turbine deliveries over the summer. Electrical construction activities that began last month progressed and several new electrical activities began. Notably, the main transformer was filled and field tested, and construction began on the substation and generation tie line. There was one OSHA recordable incident on the project in June. Vestas delivery delays have resulted in a change to the projected substantial completion date of the project. The project continues to evaluate potential cost and schedule impacts due to delivery delays, and future reports will provide updates as information is received.

## 2.0 Safety

As of June 30, 2020, there are 153 personnel on site, and cumulative man-hours worked are 148,588. There has been one OSHA-recordable incident to date. The project reports the following safety incidents for the month of June:

Period	Near Miss	Property Damage	First Aid	OSHA Recordable
<b>June 2020</b>	0	7	3	1
<b>To Date</b>	9	30	8	1

Property damage:

- While lifting a rebar cage, the cage swung and struck a forklift, damaging the glass and a light.
- The shoulder of the road gave way while a forklift was moving between sites. The forklift laid over on its side as a result.
- A broken window was discovered on a loader.
- An excavator was using a rock hammer to break up rock when a piece of rock broke off and struck the excavator cab, breaking a window.
- Cable plow struck a private water line.
- A boring crew struck an improperly marked water line.
- Struck and damaged an unused private water line.

First aid:

- An EPC employee and an EPC subcontractor employee exhibited symptoms of heat-related illness. Both reported to the on-site medic, where they cooled off in the air conditioning and were given fluids.

- An EPC subcontractor employee suffered a laceration to the thumb while handling a compaction testing rod without proper personal protective equipment (gloves). First aid treatment was administered by the on-site medic. Employee was reminded to wear proper PPE.

OSHA recordable:

- An EPC employee had a reaction to poison sumac that required a medical visit. The doctor administered a steroid shot and prescribed medication.

Mortenson has continued to revise its site-specific coronavirus plan, as required. To date, there have been no positively identified cases of COVID-19 among project personnel.

### 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. Based on Vestas' July 3<sup>rd</sup> delivery schedule, substantial completion is now anticipated to be achieved on January 7, 2021. As further information is received from Vestas, it will be provided in subsequent reports.

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

### 4.0 Development Activities

There were no significant development activities during the month of June. Stantec continued cultural resource monitoring of ground-disturbing activities in areas of interest to the Osage Nation. There were no inadvertent discoveries. The Project also continued its bi-weekly coordination meetings with the Missouri Department of Transportation.

## 5.0 Construction Activities

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

- Access road construction complete
- Turbine foundations:
  - Excavation complete
  - 57 foundations installed (83% complete)
  - 44 foundations backfilled (64% complete)
  - Continued crane pad installation
- Collection system:
  - Continued directional boring (74% complete)
  - Continued plowing in collection lines (62% complete)
  - Started MV cable splicing
- Substation:
  - Main power transformer assembled, filled, and field tested
  - Began installing grounding grid
- Generation tie line
  - Began installing tie line structure foundations (25% complete)
  - Began hauling and spotting tie line structures
  - Began erecting tie line structures (35% complete)

The following major construction activities are planned for July:

- Complete turbine foundation construction
- Substation:
  - Complete installation of foundations
- Generation tie line:
  - Continue hauling and spotting of tie line structures
  - Continue installing foundations
  - Continue erecting tie line structures
- Turbine erection:
  - Begin receiving and offloading of turbine components

Construction issues identified:

- COVID-19
  - Capacitor banks
- Public road patching
- Unforeseen subsurface condition (rock) impacting directional boring for collection and drilling for tie line structure foundations

## 6.0 Project Cost Report

Expenditures during June totaled \*\* \_\_\_\_\_ \*\*. Project expenditures to date are \*\* \_\_\_\_\_ \*\* of the total budgeted expenditure of \*\* \_\_\_\_\_ \*\*. Capital expense for the period is negative due to reimbursement from Kings Point Wind, LLC to Empire for construction of the point of interconnection.



## 7.0 Progress Photos



Picture 1. Collection cable terminations in a junction box.



Picture 2. Finishing T-124 foundation pedestal.





Picture 3. Backfilling a completed foundation.

## 8.0 Appendices



# Kings Point Wind

## Monthly Construction Report

June 2020



T-134 Base Pour

Barton, Jasper, Dade and Lawrence Counties, Missouri

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Attachment 1:	Contractor Monthly Report
Attachment 2:	Turbine Supplier Monthly Report
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## ***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 148,588 total manhours worked. There were 153 personnel onsite as of June 30, 2020. During the month of June there were three first aid incidents, one recordable, no lost time, seven property damages, and no near misses. There was also one non-work-related incident.

Two of the first aid incidents were heat related, both team members reported to the onsite medic and were given fluids and cooled down in the A/C. The third first aid incident was a small cut on the right-hand thumb that happened while handling a compaction testing rod, the subcontractor was reminded that he should have been wearing proper PPE (gloves). Onsite first aid was administered; no further medical treatment was required.

Three of the seven property damages were broken glass on a forklift, loader, and an excavator. A light on the forklift was also broken. Another three property damages involved striking water lines. The last property damage happened when a forklift attempted to merge back onto a roadway and a loose shoulder gave way causing the forklift to lay over on its side. The operator was not injured. It was communicated that equipment is to remain on predetermined routes.

The one recordable incident was a team member that had a reaction to poison sumac, Team member went to a local clinic and the Doctor prescribed medication and administered a steroid shot.

The non-work-related incident happened outside of the Project boundary, a driver for Mid Central (Mortenson subcontractor) drove off into a ditch and as he tried to right himself flipped his dump truck at speed. He was stabilized on the ground and then life flighted to Springfield, MO. The driver underwent surgery and is currently in physical therapy. Major contributing factor to the severity of injuries sustained was not wearing a seatbelt.

#### Environmental:

There were two spills during the month of June. At T-12 while drilling a hole, team member noticed on the drill rig there was a minor hydraulic leak, one quart of oil was collected. At T-56 collection line equipment leaked less than a gallon of oil, which was cleaned up and disposed of.

#### Project Progress

Major work completed this period:

- Foundation excavation was completed.
- WTG foundation installation continued. Completed blasting and stone column installation.
- Continued installation of collection system, including boring and plowing.
- MPT was installed, oil filled and field tested.
- Continued substation foundations installation.
- Began installation of substation conduit and grounding.
- Began installation of transmission line poles with drilling and pouring of foundation for turning structures.

Major work planned for next period:

- Continue foundation construction.
- Complete installation of substation foundations.
- Continue installation of collection system, including boring and plowing.
- Continue hauling and spotting transmission line poles.
- Begin delivery and offloading of turbine components.

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







### Section 3

#### Schedule Variations/Milestone Schedule Update

Schedule	Target Dates	Actual Date	Notes
Turbine Supplier - FNTF	October 15, 2019	October 15, 2019	
EPC - FNTF	January 30, 2020	January 30, 2020	
Owner - Interconnect Back Feed Provided to EPC Scope	February 3, 2020	February 10, 2020	
EPC - Mobilization	February 10, 2020	February 10, 2020	
Turbine Supplier - Mobilization	April 27, 2020	May 11, 2020	
Turbine Supplier – Earliest delivery of Components/Containers/Tooling	April 27, 2020		<i>Partially received, recommencing July 13<sup>th</sup></i>
Owner - MPT Delivery	May 25, 2020	May 26, 2020	
Turbine Supplier - Guaranteed Delivery of Group 1 - (8) V110	May 30, 2020		<i>Deliveries have not commenced</i>
Turbine Supplier - Guaranteed Delivery of Group 2 - (4) V110 & (6) V120	June 6, 2020		
Turbine Supplier - Guaranteed Delivery of Group 3 - (10) V120	June 13, 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		<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		<i>Late Completion Notice sent to Mortenson</i>
EPC - Guaranteed Fourth Collection Circuit Completion	July 3, 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	July 16, 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	July 20, 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		
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		
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.

## Section 5

### Delivery Status of Equipment

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WTG main component deliveries will be delayed by several weeks. COVID-19 impacted turbine component production and deliveries from China and Malaysia. As of week 27, (14) fourteen V120 tower sections remain in production in Malaysia. These are scheduled to be completed week 29 and will arrive at the railhead during week 43.

The current schedule is to begin turbine component deliveries during week 30. As shown below, V120 tower section will not be available at the railhead at that time, but blades, hubs and nacelles will begin. Tower section deliveries will begin week 34.

#### Blades via Truck Schedule

COMPONENT IN (SETS)	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	Total	
V110 Blades	1	3	4	2	2																										12
V110 Nacelles						12																									12
V110 Hubs						12																									12
V110 Tower																	7				5										12
V120 Blades					12					3	4	4	4	4	4	4	13	4	1												57
V120 Nacelles						23							34																		57
V120 Hubs						23							34																		57
V120 Tower																7		14		9	13					14					57

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



**Stone Column Install**



**T-55 Foundation backfill**



**T Line Foundation Pour**



**Splice Pit**



**Top Mat Install**



**Paving**

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

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*See attached*



Wind Energy Group



# Kings Point Wind Project Monthly Progress Report

June 2020

Meeting Date: July 16, 2020



Revision V1

7/14/2020





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- Exhibit B – ASTA 3 Week Look Ahead Schedule
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## 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

The month of June saw notable progress on civil activities. Foundations reached 80% complete with one full circuit reaching infrastructure completion. The rebar was fully delivered out and access roads have been completed and rocked. Backfill stayed close behind at 65% complete and crane pads and H1 work began.

Electrical activities also made significant progress over the month. The collection line reached the halfway point for plowing, drilling and JB activities. At the end of the month resolution was reached on the finalized collection line design which clears the way for this work to continue for July. The transmission advanced the foundations, framing and erection activities over 30% overall. The substation continued work on foundations and grounding activities.

Overall, maintenance and improvement of public roads continued for the month of June. This was a major coordination effort to keep concrete trucks, haul trucks and the traveling public moving and the team did their best to accommodate.

*Note, all quantities within Report are as of 6/30/2020 and inclusive of all 2020 work activities, unless otherwise specified.*



## SAFETY

### POINTS OF EMPHASIS

Safety orientations continued for all Kings Point team members, subcontractors and customer representatives. Four hundred and thirty (430) team members have gone through First Hour safety orientation. One hundred and ninety-four (194) team members have gone through Second Hour orientations.

Early in June, a non work incident occurred with a truck driving off the road and rolling. While this incident occurred outside of the project boundaries, the team felt it important to address the risks of vehicular safety. We held a stand down to re-emphasize our driving policies, review the incident that occurred and refresh the team on our “Top Driver” training.

Later in the month, our project craft completed a survey sent out to the entire Wind Operating Group. The results led us to discover our project team needs to re-focus on the pre-task planning process. Specifically, team members felt that we could improve on input during the process. As a result of the survey, our Superintendent met with each crew foreman to review the pre-task planning process, survey results, and any recommendations to improve the pre-task process. A hazard awareness vs elimination training has been created and was presented to all crew foreman.

Our project team continues to manage COVID-19. Protocols initiated in our day to day activities include six foot social distancing and office spaces have been re-arranged for better distancing. In person meetings continue to be limited to 10 people or transitioned to conference calls, and daily scheduled office cleaning in place. The project has had no reported cases of COVID-19 to date. As States re-open, Missouri continues to see an increase in confirmed cases. As a result, before the holiday weekend, Mortenson Leadership provided project teams with several toolbox talks to re-focus and remind everyone that COVID is still out there.



#### COMPLETED TRAININGS

- 1st 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

#### FIRST AID INCIDENTS

- June 3<sup>rd</sup> – Team member experiencing symptoms of heat illness.
- June 3<sup>rd</sup> – Subcontractor reported symptoms of heat illness.
- June 8<sup>th</sup> – Subcontractor cut finger while handling compaction testing rod.

#### RECORDABLE INCIDENTS

- June 23<sup>rd</sup> – Team member had reaction to poison ivy.

#### PROPERTY DAMAGE

- June 8<sup>th</sup> – Rebar cage swung and hit forklift damaging glass and light.
- June 10<sup>th</sup> – Road shoulder gave way laying forklift on side.
- June 27<sup>th</sup> – Broken window on loader.
- June 29<sup>th</sup> – Piece of rock broke excavator window while hammering.

#### NEAR MISS

- None

#### QUALITY

- June 10<sup>th</sup> - Electrical conduit on T-68 pedestal damaged.

#### UNPLANNED DISRUPTION

- June 3<sup>rd</sup> – Private water line struck while plowing cable.
- June 15<sup>th</sup> – Boring crew struck improperly marked waterline.
- June 24<sup>th</sup> – Crew hit private water line not in use.

#### NON WORK RELATED INCIDENT

- June 16<sup>th</sup> – Trade partner veered off road and rolled vehicle. Incident classified as not work related.



## Project Man Hours & Safety Statistics

TABLE 1: SAFETY STATISTICS – JUNE 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 6/30/2020

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						13,333
Mortenson - Power	437	590	773	701	6,552						9,053
Mortenson - Civil	2,821	7,005	9,294	9,394	10,990						39,504
KDF	552	1,000	384	0	0						1,936
MidCentral	530	2,658	2,197	933	3,753						10,071
MidCentral (Civil)				568	1,997						2,565
Rock Solid	216	339	1,450	360	0						2,365
Jim River Fencing	216	258	96	231	0						801
Solas	315	791	708	849	918						3,581
Stantec	456	1,545	616	349	268						3,234
HV Occupational		171	287	252	268						978
Chambers Security		198	371	380	372						1,321
Team Services		400	616	664	880						2,560
Titan					509						509
Rumler Rebar		273	2,219	2,116	2,284						6,892
Ozark Ready Mix		853	2,967	3,854	3,225						10,899
SubSurface				406	198						604
Spider Plow				1,542	3,895						5,437
Ellingson				2,689	2,515						5,204
Barrett		241	341	505	633						1,720
Terracon (SWPPP)		22	22	22	22						88
APAC			983	1,620	1,707						4,310
Capital Trucking	1,151	1,363	1,730	1,622	1,674						7,540
Spencer Blasting			20	232	426						678
Kuesel Stabilization			0	127	248						375
Capital Electric					2,762						2,762
ASB Energy				5,599	4,671						10,270
<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>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>148,588</b>



TABLE 3: HAZARD RECOGNITION STATISTICS AS OF 6/30/2020

	Haz Rec/Near Miss Cards					
	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Total
Ladders	0	0	0	0	0	0
Electrical	0	0	0	0	2	2
Vehicles	7	12	19	17	13	68
Unsafe Act	0	3	7	8	8	26
Struck By/Against	0	0	0	5	8	13
PPE	0	10	8	7	4	29
Walking/Working Surfaces	3	4	5	3	2	17
Fall Protection	0	1	0	0	0	1
Suspended Loads	0	1	0	0	0	1
Roads	0	0	0	0	7	7
Barricades, Guards, Danger Tape	2	6	13	9	7	37
Equipment	0	0	0	0	9	9
Housekeeping	0	1	10	5	7	23
Rigging	0	0	0	0	7	0
Wildlife	0	2	1	1	4	8
Environmental	0	0	1	2	3	6
<b>TOTALS</b>	<b>12</b>	<b>40</b>	<b>64</b>	<b>57</b>	<b>74</b>	<b>247</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
- Weekly third party SWPPP inspections continued, and were performed by Terracon on 6/3/2020, 6/10/2020, 6/17/2020, and 6/24/2020. 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 June 2020.

### SPILL LOG UPDATE

- June 2<sup>nd</sup> – Collection line equipment leaked less than one gallon of oil.
- June 5<sup>th</sup> – Subcontractor drill blew a seal on a hydraulic hose.

### PRECIPITATION TOTALS

The project received 2.43" of rain in June. Below are the daily accumulation totals recorded onsite.



## PRECIPITATION TOTALS

Date	Hours of Delay	Weather Description	Precipitation (in)	Crews Affected	Comments	Monthly Precip Totals (in)
	24.0		2.43			
Monday, June 1, 2020			0.00			0.00
Tuesday, June 2, 2020			0.00			0.00
Wednesday, June 3, 2020			0.00			0.00
Thursday, June 4, 2020	8	AM T-Storms	1.40	All		1.40
Friday, June 5, 2020	8		0.00	Splicing, Substation Piers, T 90-T96 AR Over-ex	Site conditions from previous day's weather	1.40
Saturday, June 6, 2020			0.00			1.40
Sunday, June 7, 2020			0.00			1.40
Monday, June 8, 2020			0.03			1.43
Tuesday, June 9, 2020			0.00			1.43
Wednesday, June 10, 2020			0.00			1.43
Thursday, June 11, 2020			0.00			1.43
Friday, June 12, 2020			0.00			1.43
Saturday, June 13, 2020			0.00			1.43
Sunday, June 14, 2020			0.00			1.43
Monday, June 15, 2020			0.00			1.43
Tuesday, June 16, 2020			0.00		Lightning Stand Down occurred late afternoon (3:30 pm) Safety Incident occurred around 4:30 pm	1.43
Wednesday, June 17, 2020			0.00			1.43
Thursday, June 18, 2020			0.00			1.43
Friday, June 19, 2020			0.30		Lightning Stand Down occurred at 1:30 pm and continued the rest of the work day	1.73
Saturday, June 20, 2020			0.00			1.73
Sunday, June 21, 2020			0.00			1.73
Monday, June 22, 2020			0.20			1.93
Tuesday, June 23, 2020			0.00			1.93
Wednesday, June 24, 2020			0.00			1.93
Thursday, June 25, 2020			0.00			1.93
Friday, June 26, 2020			0.00			1.93
Saturday, June 27, 2020			0.00			1.93
Sunday, June 28, 2020			0.45			2.38
Monday, June 29, 2020			0.00			2.38
Tuesday, June 30, 2020	8	T-Storms	0.05	All	Lightning Stand Down all day	2.43





## SCHEDULE AND UPDATE REPORTS

TABLE 4: CONSTRUCTION PROGRESS TOTALS

Activity	Project Total Value	Actual Progress As of 6/30/2020	Project Percent Complete
Entrances Installed	44 EA	44	100%
Access Roads - Stripped	81,175 LF	81,175	100%
Access Roads – Stabilized	81,975 LF	81,975	100%
Access Roads - Rocked	81,975 LF	81,975	100%
Foundation - Excavation	69 EA	69	100%
Foundation - Mudmat	69 EA	67	97%
Foundation – Top Mat Rebar	69 EA	61	88%
Foundation – Base Concrete	69 EA	58	84%
Foundation – Ped Concrete	69 EA	57	83%
Foundation - Backfill	69 EA	44	64%
UG Collection	234,103 LF	93,323	62%
Underground Bore	82 EA	58	74%
Circuit Energization	6 EA	0	0%
SCADA	225,642 LF	0	0%
Substation	1 EA	.25	25%
Tree Clearing - Tline	52.3 ACRE	52.3	100%
Tree Clearing – Collection	4.0 ACRE	4.0	100%
Tree Clearing – Access Roads & Crane Path	25.3 ACRE	25.3	100%
T-Line Stringing	80,500 LF	0	0%
T-Line Structures	124 EA	44	35%
O&M Building	1 EA	.4	40%
Crane Pad Construction	69 EA	21	30%



Crane Pathways	86,662 LF	0	0%
Offload Tower Sections	69 EA	0	0%
Offload Nacelle	69 EA	0	0%
Offload Hub	69 EA	0	0%
Offload Blades	69 EA	0	0%
Set Base/Mid	69 EA	0	0%
Install Hub	69 EA	0	0%
Grout Base Section	69 EA	0	0%
Prep Nacelle	69 EA	0	0%
Top-Out	69 EA	0	0%
Tower Wiring	69 EA	0	0%
MCC	69 EA	0	0%
Walkdowns	69 EA	0	0%
Met Tower	1 EA	0	0%

TABLE 5: MATERIAL PROCUREMENT TOTALS

<b>Foundation Materials</b>	<b>Project Total Value</b>	<b>Actual Progress As of 6/30/2020</b>	<b>Project Percent Complete</b>
Foundation Rebar	69 EA	69	100%
Embedment Rings	69 EA	69	100%
Anchor Bolts	69 EA	69	100%
<b>Collection Materials</b>	<b>Project Total Value</b>	<b>Actual Progress As of 6/30/2020</b>	<b>Project Percent Complete</b>
MV Cable – 1250	198,000 LF	198,000	100%
MV Cable – 1000	31,200 LF	31,200	100%
MV Cable – 750	73,500 LF	73,500	100%
MV Cable – 500	172,500 LF	172,500	100%
MV Cable – 4/0	123,600 LF	123,600	100%



MV Cable – 1/0	244,200 LF	244,200 LF	100%
<b>Substation Materials</b>	<b>Project Total Value</b>	<b>Actual Progress As of 6/30/2020</b>	<b>Project Percent Complete</b>
HV Breaker	1 EA	1	100%
MV Breakers	4 EA	4	100%
HV Disconnect Switches	1 EA	1	100%
MV Disconnect Switches	24 EA	24	100%
Cap Banks	3 EA	0	0%
CIT	3 EA	3	100%
NGR	3 EA	3	100%
Control Building	1 EA	0	0%
Structural Steel	1 Lot	1	100%
Shield Poles	2 EA	2	100%
Dead End Structures	1 EA	1	100%
<b>Transmission Line</b>	<b>Project Total Value</b>	<b>Actual Progress 6/30/2020</b>	<b>Project Percent Complete</b>
LD Poles	300 Pcs	300	100%
Eng Poles	72 Pcs	0	0%

## PROJECT SCHEDULE

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



## MAJOR WORK ACTIVITIES COMPLETED IN JUNE 2020

### CIVIL ACTIVITIES

- Infield culvert & LWC installation
- Public road repairs
- Substation / O&M pad final grading
- Public road radii installation
- Crane pad & H1 installation
- Crane path installation

### FOUNDATION ACTIVITIES

- Stone column installation
- Blasting
- Foundation excavations
- Mud mat installation
- Rebar installation
- Foundation grounding & conduit installation
- Anchor bolt cage installation
- Foundation forming
- Base concrete placement
- Pedestal concrete placement
- Backfill

### ELECTRICAL ACTIVITIES

- Receive UG collection materials
- UG collection boring
- UG collection plowing
- UG collection splicing
- UG Collection Junction Boxes and Terminate
- Receive substation equipment
- Substation foundations
- Substation grounding & conduit
- Receive T-line poles
- Stage T-line poles
- Install T-Line Foundations
- Install T-Line Structures



## MAJOR WORK ACTIVITIES PLANNED FOR JULY 2020

### CIVIL ACTIVITIES

- Infield culvert & LWC installation
- Public road repairs
- Public road radii installation
- Crane pad & H1 installation
- Crane path installation

### FOUNDATION ACTIVITIES

- Mud mat installation
- Rebar installation
- Foundation grounding & conduit installation
- Anchor bolt cage installation
- Foundation forming
- Base concrete placement
- Pedestal concrete placement
- Backfill

### ELECTRICAL ACTIVITIES

- UG collection boring
- UG collection plowing
- UG collection splicing
- UG Collection Junction Boxes and Terminate
- Receive substation equipment
- Substation foundations
- Substation grounding & conduit
- Receive T-line poles
- Stage T-line poles
- Install T-Line Foundations
- Install T-Line Structures

### ERECTION ACTIVITIES

- Receive Vestas Containers
- WTG Component Offload



## QUALITY

### RFI'S

- See Procore Open RFI Log, Exhibit D. Current as of 7/14/2020.

### SUBMITTALS

- See Procore Open Submittal Log, Exhibit E. Current as of 7/14/2020.
  - MET Tower preliminary drawing approval needed in order to procure steel. New preliminary drawings with revised ice loading expected 7/10.

### CONCRETE BREAK RESULTS

- Averages current as of 6/27/2020.

	3 Day	7 Day	14 Day	21 Day	28 Day
Avg Base:	3718	4497	5201	5796	6379
Avg Ped:	4579	5571	6074	6531	7137

## ENGINEERING & DESIGN COORDINATION

- Design Packages Status
  - Civil – IFC Rev2
  - Structural – IFC
    - 3<sup>rd</sup> Party IE Review report closed 7/9
  - Electrical: Collection – IFC
  - Electrical: Substation – IFC
  - Electrical: T-Line – IFC
  - O&M Building
    - Main Building – Foundation, rebar and concrete are approved. Architectural & MEP revisions in progress.
    - Additional Building – The foundation, structural, and architectural drawings have just been sent to Solas for approval, electrical and HVAC submittals are in progress.



## CONSTRUCTION ISSUES

- Public road patching – Continued coordination with the Solas team and MoDOT
  - Down to minor re-patches of previously patched areas
- Excavations with unforeseen rock - Closed
- COVID Potential delays – Cap banks & switchers, OPGW - Closed
- Coordination with David Carrier
- Direction boring – unforeseen rock
- T-Line foundation drilling – unforeseen rock
- Blocked foundation conduit – T34 & T16 JBs to be added



## PHOTOS

PHOTO 1: TLINE STRUCTURE 29







PHOTO 2: JUNCTION BOX



PHOTO 3: FOUNDATION T134





PHOTO 4: T52 H1 PAD





PHOTO 5: SUBSTATION

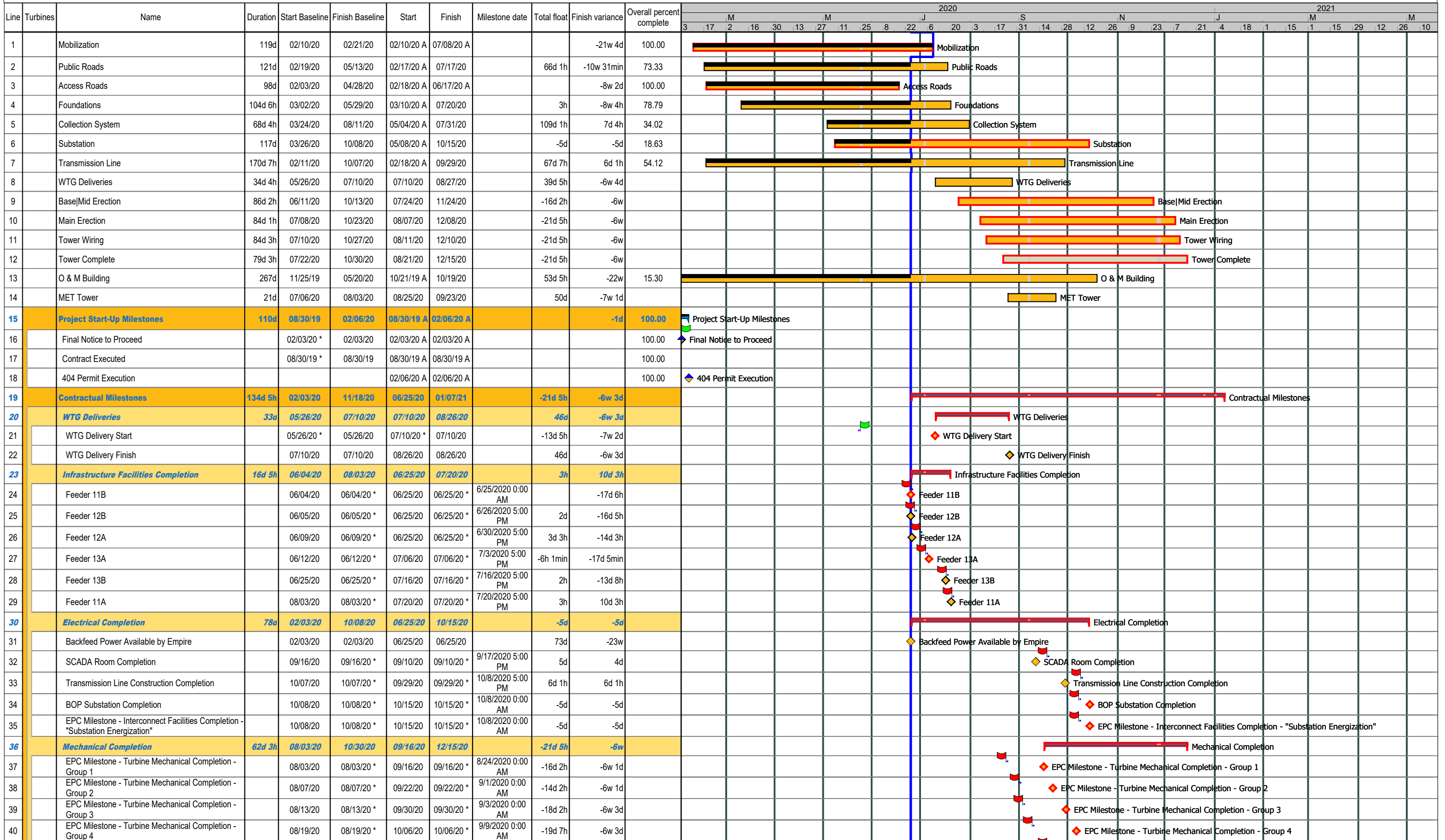




PHOTO 6: O&M BUILDING



**Exhibit A – ASTA Schedule Overview**





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



Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	June		July					August 2020				September			October					
										29	6	13	20	27	3	10	17	24	31	7	14	21	28	5					
1		<b>Temporary Facilities</b>			119d	02/10/20 A	07/08/20 A		100.00																				
2		<b>Mobilization</b>			119d	02/10/20 A	07/08/20 A		100.00																				
3		<b>Civil Work</b>			121d	02/17/20 A	07/17/20		95.32																				
4		<b>Public Road Upgrades</b>			121d	02/17/20 A	07/17/20		76.47																				
5		<b>Public Road Radii</b>			54d	05/10/20 A	07/17/20		52.94																				
6		Public Radii 5			2d	06/25/20	06/26/20																						
7		Public Radii 8			2d	06/29/20	06/30/20																						
8		Public Radii 4			2d	07/01/20	07/02/20																						
9		Public Radii 1			2d	07/06/20	07/07/20																						
10		Public Radii 2			2d	07/08/20	07/09/20																						
11		Public Radii 3			2d	07/10/20	07/13/20																						
12		Public Radii 6			2d	07/14/20	07/15/20																						
13		Public Radii 16			2d	07/16/20	07/17/20																						
14		<b>Foundation Blasting/Hammering</b>			57d	04/20/20 A	06/25/20		95.45																				
15		<b>Foundation Hammering</b>			57d	04/20/20 A	06/25/20		90.91																				
16	124	Hammering @ T124			1d	06/25/20	06/25/20																						
17		<b>Turbine Foundations</b>			104d 6h	03/10/20 A	07/20/20		88.50																				
18		<b>Foundations</b>			104d 6h	03/10/20 A	07/20/20		78.79																				
19	19	Backfill Foundation			5h	06/25/20	06/25/20																						
20	22	Backfill Foundation			5h	06/25/20	06/25/20																						
21	80	Backfill Foundation			5h	06/25/20	06/26/20																						
22	73	Backfill Foundation			5h	06/26/20	06/26/20																						
23	71	Pour Pedestal Concrete			4h	06/25/20	06/25/20																						
24	71	Backfill Foundation			5h	06/26/20	06/29/20																						
25	59	Set Pedestal Rebar			2h	06/25/20	06/25/20																						
26	59	Install Pedestal Forms			2h	06/25/20	06/25/20																						
27	59	Pour Pedestal Concrete			4h	06/25/20	06/25/20																						
28	59	Backfill Foundation			5h	06/26/20	06/26/20																						
29	60	Backfill Foundation			5h	06/26/20	06/29/20																						
30	63	Backfill Foundation			5h	06/29/20	06/29/20																						
31	69	Pour Pedestal Concrete			4h	06/25/20	06/25/20																						
32	69	Backfill Foundation			5h	06/29/20	06/30/20																						
33	85	Pour Pedestal Concrete			4h	06/25/20	06/25/20																						
34	85	Backfill Foundation			5h	06/30/20	07/01/20																						
35	91	Backfill Foundation			5h	07/01/20	07/01/20																						
36	94	Set Top Mat Rebar			6h	06/25/20	06/25/20																						
37	94	Install Edge Forms			2h	06/25/20	06/25/20																						
38	94	Pour Base Concrete			4h	06/26/20	06/26/20																						
39	94	Set Pedestal Rebar			2h	06/26/20	06/26/20																						
40	94	Install Pedestal Forms			2h	06/26/20	06/26/20																						
41	94	Pour Pedestal Concrete			4h	06/29/20	06/29/20																						
42	94	Backfill Foundation			5h	07/01/20	07/02/20																						

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	June		July					August 2020			September				October						
										29	6	13	20	27	3	10	17	24	31	7	14	21	28	5						
43	100	Backfill Foundation			5h	07/02/20	07/02/20				100	Backfill Foundation																		
44	105	Backfill Foundation			5h	07/06/20	07/06/20					105 Backfill Foundation																		
45	113	Backfill Foundation			5h	07/06/20	07/07/20					113 Backfill Foundation																		
46	119	Set Bottom Mat Rebar			5h	06/25/20	06/25/20				9	Set Bottom Mat Rebar																		
47	119	Set Anchor Bolt Cage			2h	06/25/20	06/25/20				119	Set Anchor Bolt Cage																		
48	119	Set Top Mat Rebar			6h	06/25/20	06/26/20				119	Set Top Mat Rebar																		
49	119	Install Edge Forms			2h	06/26/20	06/26/20				119	Install Edge Forms																		
50	119	Pour Base Concrete			4h	06/26/20	06/29/20				119	Pour Base Concrete																		
51	119	Set Pedestal Rebar			2h	06/29/20	06/29/20				119	Set Pedestal Rebar																		
52	119	Install Pedestal Forms			2h	06/29/20	06/29/20				119	Install Pedestal Forms																		
53	119	Pour Pedestal Concrete			4h	06/30/20	06/30/20				119	Pour Pedestal Concrete																		
54	119	Backfill Foundation			5h	07/07/20	07/07/20					119 Backfill Foundation																		
55	120	Place Mud Mat			5h	06/25/20	06/25/20				120	Place Mud Mat																		
56	120	Set Bottom Mat Rebar			5h	06/25/20	06/26/20				120	Set Bottom Mat Rebar																		
57	120	Set Anchor Bolt Cage			2h	06/26/20	06/26/20				120	Set Anchor Bolt Cage																		
58	120	Set Top Mat Rebar			6h	06/26/20	06/29/20				120	Set Top Mat Rebar																		
59	120	Install Edge Forms			2h	06/29/20	06/29/20				120	Install Edge Forms																		
60	120	Pour Base Concrete			4h	06/29/20	06/30/20				120	Pour Base Concrete																		
61	120	Set Pedestal Rebar			2h	06/30/20	06/30/20				120	Set Pedestal Rebar																		
62	120	Install Pedestal Forms			2h	06/30/20	06/30/20				120	Install Pedestal Forms																		
63	120	Pour Pedestal Concrete			4h	07/01/20	07/01/20				120	Pour Pedestal Concrete																		
64	120	Backfill Foundation			5h	07/07/20	07/08/20					120 Backfill Foundation																		
65	128	Backfill Foundation			5h	07/08/20	07/09/20					128 Backfill Foundation																		
66	134	Set Pedestal Rebar			2h	06/25/20	06/25/20				134	Set Pedestal Rebar																		
67	134	Install Pedestal Forms			2h	06/25/20	06/25/20				134	Install Pedestal Forms																		
68	134	Pour Pedestal Concrete			4h	06/25/20	06/25/20				134	Pour Pedestal Concrete																		
69	134	Backfill Foundation			5h	07/09/20	07/09/20					134 Backfill Foundation																		
70	133	Place Mud Mat			5h	06/25/20	06/25/20				133	Place Mud Mat																		
71	133	Set Bottom Mat Rebar			5h	06/25/20	06/26/20				133	Set Bottom Mat Rebar																		
72	133	Set Anchor Bolt Cage			2h	06/26/20	06/26/20				133	Set Anchor Bolt Cage																		
73	133	Set Top Mat Rebar			6h	06/26/20	06/29/20				133	Set Top Mat Rebar																		
74	133	Install Edge Forms			2h	06/29/20	06/29/20				133	Install Edge Forms																		
75	133	Pour Base Concrete			4h	06/29/20	06/29/20				133	Pour Base Concrete																		
76	133	Set Pedestal Rebar			2h	06/30/20	06/30/20				133	Set Pedestal Rebar																		
77	133	Install Pedestal Forms			2h	06/30/20	06/30/20				133	Install Pedestal Forms																		
78	133	Pour Pedestal Concrete			4h	06/30/20	06/30/20				133	Pour Pedestal Concrete																		
79	133	Backfill Foundation			5h	07/09/20	07/10/20					133 Backfill Foundation																		
80	126	Excavation			5h	06/25/20	06/25/20				126	Excavation																		
81	126	Place Mud Mat			5h	06/25/20	06/26/20				126	Place Mud Mat																		
82	126	Set Bottom Mat Rebar			5h	06/26/20	06/26/20				126	Set Bottom Mat Rebar																		
83	126	Set Anchor Bolt Cage			2h	06/26/20	06/29/20				126	Set Anchor Bolt Cage																		
84	126	Set Top Mat Rebar			6h	06/29/20	06/29/20				126	Set Top Mat Rebar																		

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Finish Date: 1/7/2021  
Progress Date: 6/25/2020  
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Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	June		July					August 2020			September			October				
										29	6	13	20	27	3	10	17	24	31	7	14	21	28	5			
85	126	Install Edge Forms			2h	06/30/20	06/30/20			126	Install Edge Forms																
86	126	Pour Base Concrete			4h	06/30/20	06/30/20			126	Pour Base Concrete																
87	126	Set Pedestal Rebar			2h	06/30/20	06/30/20			126	Set Pedestal Rebar																
88	126	Install Pedestal Forms			2h	07/01/20	07/01/20			126	Install Pedestal Forms																
89	126	Pour Pedestal Concrete			4h	07/01/20	07/01/20			126	Pour Pedestal Concrete																
90	126	Backfill Foundation			5h	07/10/20	07/10/20				126	Backfill Foundation															
91	98	Place Mud Mat			5h	06/26/20	06/26/20			98	Place Mud Mat																
92	98	Set Bottom Mat Rebar			5h	06/26/20	06/29/20			98	Set Bottom Mat Rebar																
93	98	Set Anchor Bolt Cage			2h	06/29/20	06/29/20			98	Set Anchor Bolt Cage																
94	98	Set Top Mat Rebar			6h	06/30/20	06/30/20			98	Set Top Mat Rebar																
95	98	Install Edge Forms			2h	06/30/20	06/30/20			98	Install Edge Forms																
96	98	Pour Base Concrete			4h	07/01/20	07/01/20			98	Pour Base Concrete																
97	98	Set Pedestal Rebar			2h	07/01/20	07/01/20			98	Set Pedestal Rebar																
98	98	Install Pedestal Forms			2h	07/01/20	07/01/20			98	Install Pedestal Forms																
99	98	Pour Pedestal Concrete			4h	07/02/20	07/02/20			98	Pour Pedestal Concrete																
100	98	Backfill Foundation			5h	07/13/20	07/13/20				98	Backfill Foundation															
101	99	Place Mud Mat			5h	06/26/20	06/29/20			99	Place Mud Mat																
102	99	Set Bottom Mat Rebar			5h	06/29/20	06/30/20			99	Set Bottom Mat Rebar																
103	99	Set Anchor Bolt Cage			2h	06/30/20	06/30/20			99	Set Anchor Bolt Cage																
104	99	Set Top Mat Rebar			6h	06/30/20	07/01/20			99	Set Top Mat Rebar																
105	99	Install Edge Forms			2h	07/01/20	07/01/20			99	Install Edge Forms																
106	99	Pour Base Concrete			4h	07/01/20	07/02/20			99	Pour Base Concrete																
107	99	Set Pedestal Rebar			2h	07/02/20	07/02/20			99	Set Pedestal Rebar																
108	99	Install Pedestal Forms			2h	07/02/20	07/02/20			99	Install Pedestal Forms																
109	99	Pour Pedestal Concrete			4h	07/06/20	07/06/20				99	Pour Pedestal Concrete															
110	99	Backfill Foundation			5h	07/13/20	07/14/20				99	Backfill Foundation															
111	96	Place Mud Mat			5h	06/29/20	06/30/20			96	Place Mud Mat																
112	96	Set Bottom Mat Rebar			5h	06/30/20	06/30/20			96	Set Bottom Mat Rebar																
113	96	Set Anchor Bolt Cage			2h	06/30/20	06/30/20			96	Set Anchor Bolt Cage																
114	96	Set Top Mat Rebar			6h	07/01/20	07/02/20			96	Set Top Mat Rebar																
115	96	Install Edge Forms			2h	07/02/20	07/02/20			96	Install Edge Forms																
116	96	Pour Base Concrete			4h	07/02/20	07/02/20			96	Pour Base Concrete																
117	96	Set Pedestal Rebar			2h	07/06/20	07/06/20				96	Set Pedestal Rebar															
118	96	Install Pedestal Forms			2h	07/06/20	07/06/20				96	Install Pedestal Forms															
119	96	Pour Pedestal Concrete			4h	07/06/20	07/06/20				96	Pour Pedestal Concrete															
120	96	Backfill Foundation			5h	07/14/20	07/14/20				96	Backfill Foundation															
121	90	Set Bottom Mat Rebar			5h	06/30/20	07/01/20			90	Set Bottom Mat Rebar																
122	90	Set Anchor Bolt Cage			2h	07/01/20	07/01/20			90	Set Anchor Bolt Cage																
123	90	Set Top Mat Rebar			6h	07/02/20	07/02/20			90	Set Top Mat Rebar																
124	90	Install Edge Forms			2h	07/06/20	07/06/20				90	Install Edge Forms															
125	90	Pour Base Concrete			4h	07/06/20	07/06/20				90	Pour Base Concrete															
126	90	Set Pedestal Rebar			2h	07/06/20	07/06/20				90	Set Pedestal Rebar															

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Progress Date: 6/25/2020  
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Run Date: 6/30/2020  
9:05:47 PM

Table with columns: Line, Turbines, Name, Start Baseline, Finish Baseline, Duration, Start, Finish, Finish constraint date, Overall percent complete, and monthly task progress bars for June, July, August, September, and October.

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	June		July					August 2020			September		October		
										29	6	13	20	27	3	10	17	24	31	7	14	21	28	5
169	129	Place Mud Mat			5h	06/29/20	06/30/20			129	Place Mud Mat													
170	129	Set Bottom Mat Rebar			5h	07/06/20	07/07/20				129	Set Bottom Mat Rebar												
171	129	Set Anchor Bolt Cage			2h	07/07/20	07/07/20				129	Set Anchor Bolt Cage												
172	129	Set Top Mat Rebar			6h	07/09/20	07/09/20				129	Set Top Mat Rebar												
173	129	Install Edge Forms			2h	07/09/20	07/09/20				129	Install Edge Forms												
174	129	Pour Base Concrete			4h	07/10/20	07/10/20				129	Pour Base Concrete												
175	129	Set Pedestal Rebar			2h	07/10/20	07/10/20				129	Set Pedestal Rebar												
176	129	Install Pedestal Forms			2h	07/10/20	07/10/20				129	Install Pedestal Forms												
177	129	Pour Pedestal Concrete			4h	07/13/20	07/13/20				129	Pour Pedestal Concrete												
178		<b>Fdn Grounding   Conduit</b>			<b>88d 6h</b>	<b>03/25/20 A</b>	<b>07/10/20</b>		<b>75.23</b>			<b>Fdn Grounding   Conduit</b>												
179	94	Set Embedded Grounding			2h	06/25/20	06/25/20			94	Set Embedded Grounding													
180	94	Install Pedestal Conduit			2h	06/26/20	06/26/20			94	Install Pedestal Conduit													
181	99	Set Embedded Grounding			2h	06/30/20	06/30/20			99	Set Embedded Grounding													
182	99	Install Pedestal Conduit			2h	07/02/20	07/02/20			99	Install Pedestal Conduit													
183	119	Set Embedded Grounding			2h	06/25/20	06/25/20			119	Set Embedded Grounding													
184	119	Install Pedestal Conduit			2h	06/29/20	06/29/20			119	Install Pedestal Conduit													
185	120	Set Embedded Grounding			2h	06/26/20	06/26/20			120	Set Embedded Grounding													
186	120	Install Pedestal Conduit			2h	06/30/20	06/30/20			120	Install Pedestal Conduit													
187	133	Set Embedded Grounding			2h	06/26/20	06/26/20			133	Set Embedded Grounding													
188	133	Install Pedestal Conduit			2h	06/30/20	06/30/20			133	Install Pedestal Conduit													
189	126	Set Embedded Grounding			2h	06/26/20	06/29/20			126	Set Embedded Grounding													
190	126	Install Pedestal Conduit			2h	06/30/20	06/30/20			126	Install Pedestal Conduit													
191	98	Set Embedded Grounding			2h	06/29/20	06/29/20			98	Set Embedded Grounding													
192	98	Install Pedestal Conduit			2h	07/01/20	07/01/20			98	Install Pedestal Conduit													
193	96	Set Embedded Grounding			2h	06/30/20	06/30/20			96	Set Embedded Grounding													
194	96	Install Pedestal Conduit			2h	07/06/20	07/06/20			96	Install Pedestal Conduit													
195	90	Set Embedded Grounding			2h	07/01/20	07/01/20			90	Set Embedded Grounding													
196	90	Install Pedestal Conduit			2h	07/06/20	07/06/20			90	Install Pedestal Conduit													
197	118	Set Embedded Grounding			2h	07/02/20	07/02/20			118	Set Embedded Grounding													
198	118	Install Pedestal Conduit			2h	07/07/20	07/07/20			118	Install Pedestal Conduit													
199	124	Set Embedded Grounding			2h	07/02/20	07/02/20			124	Set Embedded Grounding													
200	124	Install Pedestal Conduit			2h	07/08/20	07/08/20			124	Install Pedestal Conduit													
201	59	Set Embedded Grounding			2h	06/25/20	06/25/20			59	Set Embedded Grounding													
202	59	Install Pedestal Conduit			2h	06/25/20	06/25/20			59	Install Pedestal Conduit													
203	63	Set Embedded Grounding			2h	06/25/20	06/25/20			63	Set Embedded Grounding													
204	63	Install Pedestal Conduit			2h	06/25/20	06/25/20			63	Install Pedestal Conduit													
205	69	Set Embedded Grounding			2h	06/25/20	06/25/20			69	Set Embedded Grounding													
206	69	Install Pedestal Conduit			2h	06/25/20	06/25/20			69	Install Pedestal Conduit													
207	114	Set Embedded Grounding			2h	07/06/20	07/06/20			114	Set Embedded Grounding													
208	114	Install Pedestal Conduit			2h	07/09/20	07/09/20			114	Install Pedestal Conduit													
209	106	Set Embedded Grounding			2h	07/06/20	07/07/20			106	Set Embedded Grounding													
210	106	Install Pedestal Conduit			2h	07/09/20	07/09/20			106	Install Pedestal Conduit													

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	June		July					August 2020			September		October	
										29	6	13	20	27	3	10	17	24	31	7	14	21	28
211	129	Set Embedded Grounding			2h	07/07/20	07/07/20					129 █ Set Embedded Grounding											
212	129	Install Pedestal Conduit			2h	07/10/20	07/10/20					129 █ Install Pedestal Conduit											
213		WTG Deliveries			34d 4h	07/10/20	08/27/20					█ WTG Deliveries											
214	62	WTG Components Delivery			4h	07/10/20 *	07/10/20					62 █ WTG Components Delivery											
215	67	WTG Components Delivery			4h	07/10/20	07/10/20					67 █ WTG Components Delivery											
216	55	WTG Components Delivery			4h	07/13/20	07/13/20					55 █ WTG Components Delivery											
217	50	WTG Components Delivery			4h	07/13/20	07/13/20					50 █ WTG Components Delivery											
218	46	WTG Components Delivery			4h	07/14/20	07/14/20					46 █ WTG Components Delivery											
219	53	WTG Components Delivery			4h	07/14/20	07/14/20					53 █ WTG Components Delivery											
220	51	WTG Components Delivery			4h	07/15/20	07/15/20					51 █ WTG Components Delivery											
221	47	WTG Components Delivery			4h	07/15/20	07/15/20					47 █ WTG Components Delivery											
222	44	WTG Components Delivery			4h	07/16/20	07/16/20					44 █ WTG Components Delivery											
223		WTG Components Delivery			4h	07/16/20	07/16/20					█ WTG Components Delivery											
224		WTG Crane Pads & Paths			89d 1.1h	04/27/20 A	08/21/20		32.43			█ WTG Crane Pads & Paths											
225		Delivery and Crane Prep			66d 4h	05/05/20 A	07/30/20		29.71			█ Delivery and Crane Prep											
226	35	Crane Pad & H-1 Prep			4h	06/25/20	06/25/20					35 █ Crane Pad & H-1 Prep											
227	35	Rock H-1			4h	06/25/20	06/25/20					35 █ Rock H-1											
228	34	Crane Pad & H-1 Prep			4h	06/25/20	06/25/20					34 █ Crane Pad & H-1 Prep											
229	34	Rock H-1			4h	06/25/20	06/25/20					34 █ Rock H-1											
230	30	Crane Pad & H-1 Prep			4h	06/25/20	06/25/20					30 █ Crane Pad & H-1 Prep											
231	30	Rock H-1			4h	06/26/20	06/26/20					30 █ Rock H-1											
232	26	Crane Pad & H-1 Prep			4h	06/26/20	06/26/20					26 █ Crane Pad & H-1 Prep											
233	26	Rock H-1			4h	06/26/20	06/26/20					26 █ Rock H-1											
234	29	Rock H-1			4h	06/29/20	06/29/20					29 █ Rock H-1											
235	20	Crane Pad & H-1 Prep			4h	06/26/20	06/26/20					20 █ Crane Pad & H-1 Prep											
236	20	Rock H-1			4h	06/29/20	06/29/20					20 █ Rock H-1											
237	22	Crane Pad & H-1 Prep			4h	06/29/20	06/29/20					22 █ Crane Pad & H-1 Prep											
238	22	Rock H-1			4h	06/30/20	06/30/20					22 █ Rock H-1											
239	27	Crane Pad & H-1 Prep			4h	06/29/20	06/29/20					27 █ Crane Pad & H-1 Prep											
240	27	Rock H-1			4h	06/30/20	06/30/20					27 █ Rock H-1											
241	19	Crane Pad & H-1 Prep			4h	06/30/20	06/30/20					19 █ Crane Pad & H-1 Prep											
242	19	Rock H-1			4h	07/01/20	07/01/20					19 █ Rock H-1											
243	18	Crane Pad & H-1 Prep			4h	06/30/20	06/30/20					18 █ Crane Pad & H-1 Prep											
244	18	Rock H-1			4h	07/01/20	07/01/20					18 █ Rock H-1											
245	17	Crane Pad & H-1 Prep			4h	07/01/20	07/01/20					17 █ Crane Pad & H-1 Prep											
246	17	Rock H-1			4h	07/02/20	07/02/20					17 █ Rock H-1											
247	16	Crane Pad & H-1 Prep			4h	07/01/20	07/01/20					16 █ Crane Pad & H-1 Prep											
248	16	Rock H-1			4h	07/02/20	07/02/20					16 █ Rock H-1											
249	14	Crane Pad & H-1 Prep			4h	07/02/20	07/02/20					14 █ Crane Pad & H-1 Prep											
250	14	Rock H-1			4h	07/06/20	07/06/20					14 █ Rock H-1											
251	11	Crane Pad & H-1 Prep			4h	07/02/20	07/02/20					11 █ Crane Pad & H-1 Prep											
252	11	Rock H-1			4h	07/06/20	07/06/20					11 █ Rock H-1											

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	June		July					August 2020			September			October					
										29	6	13	20	27	3	10	17	24	31	7	14	21	28	5				
253	10	Crane Pad & H-1 Prep			4h	07/06/20	07/06/20					10																
254	10	Rock H-1			4h	07/07/20	07/07/20					10																
255	9	Crane Pad & H-1 Prep			4h	07/06/20	07/06/20					9																
256	9	Rock H-1			4h	07/07/20	07/07/20					9																
257	8	Crane Pad & H-1 Prep			4h	07/07/20	07/07/20					8																
258	8	Rock H-1			4h	07/08/20	07/08/20					8																
259	80	Crane Pad & H-1 Prep			4h	07/07/20	07/07/20					80																
260	80	Rock H-1			4h	07/08/20	07/08/20					80																
261	73	Crane Pad & H-1 Prep			4h	07/08/20	07/08/20					73																
262	73	Rock H-1			4h	07/09/20	07/09/20					73																
263	71	Crane Pad & H-1 Prep			4h	07/08/20	07/08/20					71																
264	71	Rock H-1			4h	07/09/20	07/09/20					71																
265	68	Crane Pad & H-1 Prep			4h	07/09/20	07/09/20					68																
266	68	Rock H-1			4h	07/10/20	07/10/20					68																
267	72	Crane Pad & H-1 Prep			4h	07/09/20	07/09/20					72																
268	72	Rock H-1			4h	07/10/20	07/10/20					72																
269	74	Crane Pad & H-1 Prep			4h	07/10/20	07/10/20					74																
270	74	Rock H-1			4h	07/13/20	07/13/20					74																
271	78	Crane Pad & H-1 Prep			4h	07/10/20	07/10/20					78																
272	78	Rock H-1			4h	07/13/20	07/13/20					78																
273	59	Crane Pad & H-1 Prep			4h	07/13/20	07/13/20					59																
274	59	Rock H-1			4h	07/14/20	07/14/20					59																
275	60	Crane Pad & H-1 Prep			4h	07/13/20	07/13/20					60																
276	60	Rock H-1			4h	07/14/20	07/14/20					60																
277	63	Crane Pad & H-1 Prep			4h	07/14/20	07/14/20					63																
278	63	Rock H-1			4h	07/15/20	07/15/20					63																
279	69	Crane Pad & H-1 Prep			4h	07/14/20	07/14/20					69																
280	69	Rock H-1			4h	07/15/20	07/15/20					69																
281	85	Crane Pad & H-1 Prep			4h	07/15/20	07/15/20					85																
282	85	Rock H-1			4h	07/16/20	07/16/20					85																
283	91	Crane Pad & H-1 Prep			4h	07/15/20	07/15/20					91																
284	91	Rock H-1			4h	07/16/20	07/16/20					91																
285	94	Crane Pad & H-1 Prep			4h	07/16/20	07/16/20					94																
286	100	Crane Pad & H-1 Prep			4h	07/16/20	07/16/20					100																
287		<b>Crane Path Culvert Crossings</b>			26d 3.35h	07/14/20	08/19/20																					
288	53,55	CP-38- Timber Mats			4h	07/14/20	07/15/20					53,55																
289	46,47	CP-36- Timber Mats			4h	07/15/20	07/15/20					46,47																
290	46,47	CP-37- Timber Mats			4h	07/15/20	07/16/20					46,47																
291	71,73	CP-32 - BMP's			4h	07/16/20	07/16/20					71,73																
292	51,53	CP-50 (1-24") + BMP's			4h	07/16/20	07/17/20					51,53																
293		<b>Crane Path</b>			29d 1.1h	07/10/20	08/21/20																					
294		Crane Design Delay				07/10/20 *	07/10/20																					





Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	June		July					August 2020			September				October																	
										29	6	13	20	27	3	10	17	24	31	7	14	21	28	5																	
337	53	OffLoad Mid			40min	07/14/20	07/14/20								53   OffLoad Mid																										
338	53	OffLoad Base			40min	07/14/20	07/14/20								53   OffLoad Base																										
339	53	OffLoad Top			40min	07/14/20	07/14/20								53   OffLoad Top																										
340	51	OffLoad Blades			40min	07/15/20	07/15/20								51   OffLoad Blades																										
341	51	OffLoad Hub			40min	07/15/20	07/15/20								51   OffLoad Hub																										
342	51	OffLoad Nacelle			40min	07/15/20	07/15/20								51   OffLoad Nacelle																										
343	51	OffLoad Mid			40min	07/15/20	07/15/20								51   OffLoad Mid																										
344	51	OffLoad Base			40min	07/15/20	07/15/20								51   OffLoad Base																										
345	51	OffLoad Top			40min	07/15/20	07/15/20								51   OffLoad Top																										
346	47	OffLoad Blades			40min	07/15/20	07/15/20								47   OffLoad Blades																										
347	47	OffLoad Hub			40min	07/15/20	07/15/20								47   OffLoad Hub																										
348	47	OffLoad Nacelle			40min	07/15/20	07/15/20								47   OffLoad Nacelle																										
349	47	OffLoad Mid			40min	07/15/20	07/15/20								47   OffLoad Mid																										
350	47	OffLoad Base			40min	07/15/20	07/15/20								47   OffLoad Base																										
351	47	OffLoad Top			40min	07/15/20	07/15/20								47   OffLoad Top																										
352	44	OffLoad Blades			40min	07/16/20	07/16/20								44   OffLoad Blades																										
353	44	OffLoad Hub			40min	07/16/20	07/16/20								44   OffLoad Hub																										
354	44	OffLoad Nacelle			40min	07/16/20	07/16/20								44   OffLoad Nacelle																										
355	44	OffLoad Mid			40min	07/16/20	07/16/20								44   OffLoad Mid																										
356	44	OffLoad Base			40min	07/16/20	07/16/20								44   OffLoad Base																										
357	44	OffLoad Top			40min	07/16/20	07/16/20								44   OffLoad Top																										
358	39	OffLoad Blades			40min	07/16/20	07/16/20								39   OffLoad Blades																										
359	39	OffLoad Hub			40min	07/16/20	07/16/20								39   OffLoad Hub																										
360	39	OffLoad Nacelle			40min	07/16/20	07/16/20								39   OffLoad Nacelle																										
361	39	OffLoad Mid			40min	07/16/20	07/16/20								39   OffLoad Mid																										
362	39	OffLoad Base			40min	07/16/20	07/16/20								39   OffLoad Base																										
363	39	OffLoad Top			40min	07/16/20	07/16/20								39   OffLoad Top																										
364		<b>Nacelle Prep</b>			42d 4h	07/10/20	09/09/20																																		
365	62	Roll Blades			4h	07/10/20	07/10/20								62   Roll Blades																										
366	62	Install   Torque Hub			4h	07/10/20	07/13/20								62   Install   Torque Hub																										
367	62	Nacelle Mech. Prep			4h	07/13/20	07/13/20								62   Nacelle Mech. Prep																										
368	62	Install Turning Gear			4h	07/13/20	07/14/20								62   Install Turning Gear																										
369	67	Roll Blades			4h	07/10/20	07/13/20								67   Roll Blades																										
370	67	Install   Torque Hub			4h	07/13/20	07/13/20								67   Install   Torque Hub																										
371	67	Nacelle Mech. Prep			4h	07/13/20	07/14/20								67   Nacelle Mech. Prep																										
372	67	Install Turning Gear			4h	07/14/20	07/14/20								67   Install Turning Gear																										
373		<b>Turbine Erection and Wiring</b>			119d 5.3h	06/25/20	12/15/20																																		
374		<b>Base Mid 2</b>			84d 4.3h	06/25/20	10/23/20																																		
375		NFR Trade Flow 2			4h	06/25/20	06/25/20								NFR Trade Flow 2																										
376		<b>Main Erection # 2</b>			114d 6h	06/25/20	12/08/20																																		
377		NFR Trade Flow ME2			4h	06/25/20	06/25/20								NFR Trade Flow ME2																										
378		<b>Electrical Collection</b>			68d 4h	05/04/20 A	07/31/20		44.81																																

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	June		July					August 2020				September			October					
										29	6	13	20	27	3	10	17	24	31	7	14	21	28	5					
379		<b>Crew Start Dates</b>			62d 4h	05/04/20 A	07/24/20		62.50	Crew Start Dates																			
380		<b>Bores</b>			44d 2.08h	05/06/20 A	06/30/20		83.33	Bores																			
381		Install Bore: B MET-1			1h 30min	06/25/20	06/25/20			Install Bore: B MET-1																			
382		Install Bore: B 13A-1			1h 30min	06/25/20	06/25/20			Install Bore: B 13A-1																			
383		Install Bore: B 13B-2			1d 3.25h	06/25/20	06/26/20			Install Bore: B 13B-2																			
384		Install Bore: B 13B-3			1d 6.83h	06/26/20	06/30/20			Install Bore: B 13B-3																			
385		Install Bore: B 11A-2			1h 30min	06/25/20	06/25/20			Install Bore: B 11A-2																			
386		Install Bore: B 11A-5			3h 58.8min	06/25/20	06/25/20			Install Bore: B 11A-5																			
387		Install Bore: B 11A-15			1h 30min	06/26/20	06/26/20			Install Bore: B 11A-15																			
388		Install Bore: B 11A-16			1h 30min	06/26/20	06/26/20			Install Bore: B 11A-16																			
389		Install Bore: B 11A-17			2h 21min	06/25/20	06/26/20			Install Bore: B 11A-17																			
390		Install Bore: B 11A-18			1h 30min	06/25/20	06/25/20			Install Bore: B 11A-18																			
391		Install Bore: B 11A-25			1d 5.19h	06/25/20 A	06/26/20 A		100.00	Install Bore: B 11A-25																			
392		Install Bore: B 11A-24			1d 2.48h	06/25/20 A	06/26/20 A		100.00	Install Bore: B 11A-24																			
393		Install Bore: B 11A-23			2h 6min	06/25/20	06/25/20			Install Bore: B 11A-23																			
394		Install Bore: B 11A-22			1h 30min	06/25/20	06/25/20			Install Bore: B 11A-22																			
395		Install Bore: B 11A-21			1h 30min	06/25/20	06/25/20			Install Bore: B 11A-21																			
396		<b>UG Collection System</b>			63d 4h	05/04/20 A	07/24/20		33.40	UG Collection System																			
397		Fiber Blowing: Sub to 65			2h 43.15min	06/25/20	06/25/20			Fiber Blowing: Sub to 65																			
398		Switchgear Set: 65			4h	06/25/20	06/25/20			Switchgear Set: 65																			
399		MV Term: 65			4h	06/25/20	06/26/20			MV Term: 65																			
400		Fiber Blowing: JB11A-1 - 62			45min 33s	06/25/20	06/25/20			Fiber Blowing: JB11A-1 - 62																			
401		Switchgear Set: 62			4h	06/25/20	06/26/20			Switchgear Set: 62																			
402		MV Term: 62			4h	06/26/20	06/26/20			MV Term: 62																			
403		Set JB: JB11A-1			8h	06/25/20	06/25/20			Set JB: JB11A-1																			
404		MV Term: JB11A-1			4h	06/25/20	06/26/20			MV Term: JB11A-1																			
405		Fiber Blowing: 67 - JB11A-1			8min 15s	06/26/20	06/26/20			Fiber Blowing: 67 - JB11A-1																			
406		Fiber Blowing: 65 - 67			2h 41.95min	06/26/20	06/26/20			Fiber Blowing: 65 - 67																			
407		Switchgear Set: 67			4h	06/26/20	06/26/20			Switchgear Set: 67																			
408		MV Term: 67			4h	06/26/20	06/29/20			MV Term: 67																			
409		Fiber Blowing: Sub to 58			1h 27.65min	06/26/20	06/26/20			Fiber Blowing: Sub to 58																			
410		Switchgear Set: 58			4h	06/26/20	06/29/20			Switchgear Set: 58																			
411		MV Term: 58			4h	06/29/20	06/29/20			MV Term: 58																			
412		Fiber Blowing: 58 - 56			58min 2s	06/26/20	06/26/20			Fiber Blowing: 58 - 56																			
413		Switchgear Set: 56			4h	06/29/20	06/29/20			Switchgear Set: 56																			
414		MV Term: 56			4h	06/29/20	06/30/20			MV Term: 56																			
415		Fiber Blowing: 56 - 53			2h 42.1min	06/26/20	06/29/20			Fiber Blowing: 56 - 53																			
416		Switchgear Set: 53			4h	06/29/20	06/30/20			Switchgear Set: 53																			
417		MV Term: 53			4h	06/30/20	06/30/20			MV Term: 53																			
418		Fiber Blowing: 53 - JB11B-1			9min 50s	06/29/20	06/29/20			Fiber Blowing: 53 - JB11B-1																			
419		Fiber Blowing: JB11B-1 - 51			2h 26.98min	06/29/20	06/29/20			Fiber Blowing: JB11B-1 - 51																			
420		Switchgear Set: 51			4h	06/30/20	06/30/20			Switchgear Set: 51																			

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	June		July					August 2020			September			October	
										29	6	13	20	27	3	10	17	24	31	7	14	21	28	5
421		MV Term: 51			4h	06/30/20	06/30/20																	
422		Fiber Blowing: JB11B-1 - 47			2h 7.4min	06/29/20	06/29/20																	
423		Switchgear Set: 47			4h	06/30/20	06/30/20																	
424		MV Term: 47			4h	06/30/20	07/01/20																	
425		Fiber Blowing: 50 - 46			1h 24.28min	06/29/20	06/29/20																	
426		Switchgear Set: 46			4h	06/30/20	07/01/20																	
427		MV Term: 46			4h	07/01/20	07/01/20																	
428		Fiber Blowing: 55 - 50			54min 23s	06/29/20	06/29/20																	
429		Switchgear Set: 50			4h	07/01/20	07/01/20																	
430		MV Term: 50			4h	07/01/20	07/02/20																	
431		Fiber Blowing: 52 - 55			1h 49.87min	06/29/20	06/29/20																	
432		Switchgear Set: 55			4h	07/01/20	07/02/20																	
433		MV Term: 55			4h	07/02/20	07/02/20																	
434		Fiber Blowing: Sub - 52			2h 30.43min	06/29/20	06/30/20																	
435		Switchgear Set: 52			4h	07/02/20	07/02/20																	
436		MV Term: 52			4h	07/02/20	07/02/20																	
437		Fiber Blowing: 47 - 44			59min 5s	06/25/20	06/25/20																	
438		Switchgear Set: 44			4h	07/02/20	07/02/20																	
439		MV Term: 44			4h	07/02/20	07/06/20																	
440		Fiber Blowing: 44 - 39			1h 12.53min	06/25/20	06/25/20																	
441		Switchgear Set: 39			4h	07/02/20	07/06/20																	
442		MV Term: 39			4h	07/06/20	07/06/20																	
443	32,39	Fiber Blowing: 39 - 32			2h 19.63min	06/25/20	06/25/20																	
444	32	Switchgear Set: 32			4h	07/06/20	07/06/20																	
445	32	MV Term: 32			4h	07/06/20	07/07/20																	
446		Fiber Blowing: 32 - 28			2h 19.63min	06/25/20	06/25/20																	
447	28	Switchgear Set: 28			4h	07/06/20	07/07/20																	
448	28	MV Term: 28			4h	07/07/20	07/07/20																	
449		Fiber Blowing: 28 - 25			57min 19s	06/25/20	06/25/20																	
450		Switchgear Set: 25			4h	07/07/20	07/07/20																	
451		MV Term: 28			4h	07/07/20	07/07/20																	
452		Fiber Blowing: 46 - JB12B-1			3h 35.85min	06/25/20	06/26/20																	
453		Fiber Blowing: JB12B-1 - 36			2h 2.6min	06/26/20	06/26/20																	
454		Switchgear Set: 36			4h	07/07/20	07/07/20																	
455		MV Term: 36			4h	07/07/20	07/08/20																	
456		Fiber Blowing: 36 -34			1h 2.3min	06/26/20	06/26/20																	
457		Switchgear Set: 34			4h	07/07/20	07/08/20																	
458		MV Term: 34			4h	07/08/20	07/08/20																	
459		Fiber Blowing: 34 - 30			58min 8s	06/26/20	06/26/20																	
460		Dig MV Tail: WTG 30			1d	06/26/20	06/29/20																	
461		Switchgear Set: 30			4h	07/08/20	07/08/20																	
462		MV Term: 30			4h	07/08/20	07/09/20																	

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	June		July					August 2020			September			October							
										29	6	13	20	27	3	10	17	24	31	7	14	21	28	5						
463		Fiber Blowing: 30 - 26			3h 34.57min	06/26/20	06/29/20				Fiber Blowing: 30 - 26																			
464		Switchgear Set: 26			4h	07/08/20	07/09/20																							Switchgear Set: 26
465		MV Term: 26			4h	07/09/20	07/09/20																							MV Term: 26
466		Switchgear Set: 29			4h	07/09/20	07/09/20																							Switchgear Set: 29
467		Fiber Blowing: 29 - 33			59min 43s	06/25/20	06/25/20				Fiber Blowing: 29 - 33																			
468		Switchgear Set: 33			4h	07/09/20	07/09/20																							Switchgear Set: 33
469		MV Term: 33			4h	07/09/20	07/10/20																							MV Term: 33
470		Fiber Blowing: JB12B-1 - 35			29min 40s	06/25/20	06/25/20				Fiber Blowing: JB12B-1 - 35																			
471		Dig MV Tail: WTG 35			1d	06/25/20	06/26/20				Dig MV Tail: WTG 35																			
472		Switchgear Set: 35			4h	07/09/20	07/10/20																							Switchgear Set: 35
473		MV Term: 35			4h	07/10/20	07/10/20																							MV Term: 35
474		Fiber Blowing: 35 - 31			1h 1.1min	06/25/20	06/25/20				Fiber Blowing: 35 - 31																			
475		Switchgear Set: 31			4h	07/10/20	07/10/20																							Switchgear Set: 31
476		MV Term: 31			4h	07/10/20	07/13/20																							MV Term: 31
477		Fiber Blowing: 19 - 18			1h 16.95min	06/25/20	06/25/20				Fiber Blowing: 19 - 18																			
478		Install Splice: 12A-13			2h	06/25/20 A	06/25/20 A		100.00		Install Splice: 12A-13																			
479		Switchgear Set: 18			4h	07/10/20	07/13/20																							Switchgear Set: 18
480		MV Term: 18			4h	07/13/20	07/13/20																							MV Term: 18
481		Fiber Blowing: JB12A-1 - 19			10min 8s	06/25/20	06/25/20				Fiber Blowing: JB12A-1 - 19																			
482		Dig MV Tail: WTG 19			1d	06/25/20	06/26/20				Dig MV Tail: WTG 19																			
483		Switchgear Set: 19			4h	07/13/20	07/13/20																							Switchgear Set: 19
484		MV Term: 19			4h	07/13/20	07/13/20																							MV Term: 19
485		Install Splice: 12A-11			2h	06/25/20 A	06/25/20 A		100.00		Install Splice: 12A-11																			
486		Fiber Blowing: JB12A-1 - 20			2h 55.2min	06/25/20	06/25/20				Fiber Blowing: JB12A-1 - 20																			
487		Switchgear Set: 20			4h	07/13/20	07/13/20																							Switchgear Set: 20
488		MV Term: 20			4h	07/13/20	07/14/20																							MV Term: 20
489		Fiber Blowing: 20 - 22			49min	06/25/20	06/25/20				Fiber Blowing: 20 - 22																			
490		Switchgear Set: 22			4h	07/13/20	07/14/20																							Switchgear Set: 22
491		MV Term: 22			4h	07/14/20	07/14/20																							MV Term: 22
492		Fiber Blowing: 22 - 27			1h 50.98min	06/25/20	06/26/20				Fiber Blowing: 22 - 27																			
493		Switchgear Set: 27			4h	07/14/20	07/14/20																							Switchgear Set: 27
494		MV Term: 27			4h	07/14/20	07/15/20																							MV Term: 27
495		Fiber Blowing: 18 - 17			55min	06/26/20	06/26/20				Fiber Blowing: 18 - 17																			
496		Switchgear Set: 17			4h	07/14/20	07/15/20																							Switchgear Set: 17
497		MV Term: 17			4h	07/15/20	07/15/20																							MV Term: 17
498		Fiber Blowing: 17 - 16			1h 4.03min	06/26/20	06/26/20				Fiber Blowing: 17 - 16																			
499		Switchgear Set: 16			4h	07/15/20	07/15/20																							Switchgear Set: 16
500		MV Term: 16			4h	07/15/20	07/15/20																							MV Term: 16
501		Fiber Blowing: 16 - 14			1h 5.57min	06/26/20	06/26/20				Fiber Blowing: 16 - 14																			
502		Switchgear Set: 14			4h	07/15/20	07/15/20																							Switchgear Set: 14
503		MV Term: 14			4h	07/15/20	07/16/20																							MV Term: 14
504		Fiber Blowing: 14 - 11			2h 4.95min	06/26/20	06/26/20				Fiber Blowing: 14 - 11																			

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	June		July			August 2020			September			October		
										29	6	13	20	27	3	10	17	24	31	7	14	21	28
505		Switchgear Set: 11			4h	07/15/20	07/16/20																
506		MV Term: 11			4h	07/16/20	07/16/20																
507		Install Splice: 12A-14			2h	06/25/20	06/25/20																
508		Install Splice: 12A-15			2h	06/25/20	06/25/20																
509		Fiber Blowing: 11 to 10			5h 22.32min	06/26/20	06/29/20																
510		Switchgear Set: 10			4h	07/16/20	07/16/20																
511		MV Term: 10			4h	07/16/20	07/17/20																
512		Fiber Blowing: 9 to 8			58min 11s	06/25/20	06/25/20																
513		Dig MV Tail: WTG 8			1d	06/25/20	06/26/20																
514		Switchgear Set: 8			4h	06/26/20	06/26/20																
515		MV Term: 8			4h	06/26/20	06/26/20																
516		Install UG Cable: Sub - JB13A-1			10h 29.28min	06/26/20	06/29/20																
517		Install Splice: 13A-13			2h	06/29/20	06/29/20																
518		Install Splice: 13A-1			2h	06/29/20	06/29/20																
519		Install Splice: 13A-2			2h	06/29/20	06/29/20																
520		Install Splice: 13A-3			2h	06/29/20	06/29/20																
521		Install Splice: 13A-4			2h	06/30/20	06/30/20																
522		Set JB: JB13A-1			1d	06/30/20	07/01/20																
523	63	Fiber Blowing: Sub - JB13A-1			6h 17.57min	07/01/20	07/01/20																
524		Install Splice: 13A-5			2h	06/30/20	06/30/20																
525	59	Install UG Cable: JB13A-1 - 59			1d 1.28min	06/30/20	07/01/20																
526		Install Splice: 13A-6			2h	07/01/20	07/02/20																
527		Install Splice: 13A-7			2h	07/02/20	07/02/20																
528		Install Splice: 13A-8			2h	07/02/20	07/02/20																
529	63	Fiber Blowing: JB13A-1 - 59			7h 12.77min	07/02/20	07/06/20																
530		Dig MV Tail: WTG 59			1d	07/06/20	07/07/20																
531	63	Switchgear Set: 59			2h 20.63min	07/07/20	07/07/20																
532		MV Term: 59			4h	07/07/20	07/07/20																
533	63	Fiber Blowing: 59 - 60			1h 52.75min	07/06/20	07/06/20																
534		Dig MV Tail: WTG 60			1d	07/06/20	07/07/20																
535		Switchgear Set: 60			4h	07/07/20	07/07/20																
536		MV Term: 60			4h	07/07/20	07/08/20																
537		Install Splice: 13A-9			2h	07/02/20	07/02/20																
538		Fiber Blowing: 60 - 63			3h 41.57min	07/06/20	07/06/20																
539		Dig MV Tail: WTG 63			1d	07/06/20	07/07/20																
540		Switchgear Set: 63			4h	07/07/20	07/08/20																
541	63	MV Term: 63			2h 20.63min	07/08/20	07/08/20																
542		Fiber Blowing: 63 - 69			56min 15s	07/06/20	07/06/20																
543		Dig MV Tail: WTG 69			1d	07/06/20	07/07/20																
544	63	Switchgear Set: 69			2h 20.63min	07/08/20	07/08/20																
545	63	MV Term: 69			2h 20.63min	07/08/20	07/08/20																

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	June		July					August 2020			September			October					
										29	6	13	20	27	3	10	17	24	31	7	14	21	28	5				
546	68	Install UG Cable: JB13A-1 - 68			5h 15.28min	06/25/20	06/25/20			68	Install UG Cable: JB13A-1 - 68																	
547		Install Splice: 13A-10			2h	07/02/20	07/06/20				Install Splice: 13A-10																	
548		Install Splice: 13A-11			2h	07/06/20	07/06/20				Install Splice: 13A-11																	
549		Fiber Blowing: JB13A-1 - 68			3h 9.17min	07/06/20	07/07/20				Fiber Blowing: JB13A-1 - 68																	
550	63	Switchgear Set: 68			2h 20.63min	07/08/20	07/08/20				63	Switchgear Set: 68																
551	63	MV Term: 68			4h	07/08/20	07/09/20				63	MV Term: 68																
552		Fiber Blowing: 68 - 72			52min 48s	07/07/20	07/07/20				Fiber Blowing: 68 - 72																	
553	63	Switchgear Set: 72			2h 20.63min	07/08/20	07/08/20				63	Switchgear Set: 72																
554	63	MV Term: 72			2h 20.63min	07/09/20	07/09/20				63	MV Term: 72																
555		Fiber Blowing: 72 - 74			56min 50s	07/07/20	07/07/20				Fiber Blowing: 72 - 74																	
556	63	Switchgear Set: 74			2h 20.63min	07/08/20	07/09/20				63	Switchgear Set: 74																
557	63	MV Term: 74			2h 20.63min	07/09/20	07/09/20				63	MV Term: 74																
558		Install Splice: 13A-12			2h	07/06/20	07/06/20				Install Splice: 13A-12																	
559	63	Fiber Blowing: 74 - 78			1h 5.72min	07/07/20	07/07/20				63	Fiber Blowing: 74 - 78																
560	63	Switchgear Set: 78			2h 20.63min	07/09/20	07/09/20				63	Switchgear Set: 78																
561		MV Term: 78			4h	07/09/20	07/09/20				MV Term: 78																	
562	63	Fiber Blowing: 78 - 80			2h 11.38min	07/07/20	07/07/20				63	Fiber Blowing: 78 - 80																
563		Switchgear Set: 80			4h	07/09/20	07/09/20				Switchgear Set: 80																	
564		MV Term: 80			4h	07/09/20	07/10/20				MV Term: 80																	
565		Install Splice: SP13A-14			2h	07/06/20	07/06/20				Install Splice: SP13A-14																	
566		Fiber Blowing: 80 - 73			1h 55.68min	07/07/20	07/07/20				Fiber Blowing: 80 - 73																	
567		Switchgear Set: 73			4h	07/09/20	07/10/20				Switchgear Set: 73																	
568	63	MV Term: 73			2h 20.63min	07/10/20	07/10/20				63	MV Term: 73																
569		Fiber Blowing: 73 - 71			1h 7.2min	07/07/20	07/08/20				Fiber Blowing: 73 - 71																	
570	63	Switchgear Set: 71			2h 20.63min	07/10/20	07/10/20				63	Switchgear Set: 71																
571	63	MV Term: 71			2h 20.63min	07/10/20	07/10/20				63	MV Term: 71																
572		Install UG Cable: Sub - JB13B-1			10h 29.28min	07/01/20	07/02/20				Install UG Cable: Sub - JB13B-1																	
573		Set JB: JB13B-1			8h	07/02/20	07/02/20				Set JB: JB13B-1																	
574		MV Term: JB13B-1			4h	07/02/20	07/06/20				MV Term: JB13B-1																	
575		Install Splice: 13B-1			2h	07/08/20	07/08/20				Install Splice: 13B-1																	
576		Install Splice: 13B-2			2h	07/08/20	07/08/20				Install Splice: 13B-2																	
577		Install Splice: 13B-3			2h	07/08/20	07/09/20				Install Splice: 13B-3																	
578		Install Splice: 13B-4			2h	07/09/20	07/09/20				Install Splice: 13B-4																	
579		Install Splice: 13B-5			2h	07/09/20	07/09/20				Install Splice: 13B-5																	
580		Install Splice: 13B-6			2h	07/09/20	07/09/20				Install Splice: 13B-6																	
581		Install Splice: 13B-7			2h	07/09/20	07/10/20				Install Splice: 13B-7																	
582		Install Splice: 13B-8			2h	07/10/20	07/10/20				Install Splice: 13B-8																	
583		Fiber Blowing: Sub - JB13B-1			1d	07/10/20	07/13/20				Fiber Blowing: Sub - JB13B-1																	
584	85	Install UG Cable: JB13B-1 - 85			3h 40.48min	07/02/20	07/02/20				85	Install UG Cable: JB13B-1 - 85																
585		Fiber Blowing: JB13B-1 - 85			2h 12.28min	07/13/20	07/13/20				Fiber Blowing: JB13B-1 - 85																	
586		Switchgear Set: 85			4h	07/13/20	07/13/20				Switchgear Set: 85																	
587		MV Term: 85			4h	07/13/20	07/14/20				MV Term: 85																	

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	June		July					August 2020			September			October							
										29	6	13	20	27	3	10	17	24	31	7	14	21	28	5						
588	85,91	Install UG Cable: 85 - 91			2h 1.12min	07/02/20	07/02/20				85,91	Install UG Cable: 85 - 91																		
589		Dig MV Tail: WTG 91			1d	07/02/20	07/06/20					Dig MV Tail: WTG 91																		
590		Fiber Blowing: 85 - 91			1h 12.67min	07/13/20	07/13/20					Fiber Blowing: 85 - 91																		
591		Switchgear Set: 91			4h	07/13/20	07/14/20					Switchgear Set: 91																		
592		MV Term: 91			4h	07/14/20	07/14/20					MV Term: 91																		
593	91,99	Install UG Cable: 91 - 99			1h 53.28min	07/02/20	07/02/20				91,99	Install UG Cable: 91 - 99																		
594		Install Splice: 13B-12			2h	07/06/20	07/07/20					Install Splice: 13B-12																		
595		Dig MV Tail: WTG 99			1d	07/07/20	07/08/20					Dig MV Tail: WTG 99																		
596		Fiber Blowing: 91 - 99			1h 7.97min	07/13/20	07/13/20					Fiber Blowing: 91 - 99																		
597		Switchgear Set: 99			4h	07/14/20	07/14/20					Switchgear Set: 99																		
598		MV Term: 99			4h	07/14/20	07/15/20					MV Term: 99																		
599	98,99	Install UG Cable: 99 - 98			4h 10min	07/02/20	07/06/20				98,99	Install UG Cable: 99 - 98																		
600		Install Splice: 13B-13			2h	07/07/20	07/07/20					Install Splice: 13B-13																		
601		Install Splice: 13B-14			2h	07/07/20	07/07/20					Install Splice: 13B-14																		
602		Fiber Blowing: 99 - 98			2h 30min	07/13/20	07/14/20					Fiber Blowing: 99 - 98																		
603		Dig MV Tail: WTG 98			1d	07/14/20	07/14/20					Dig MV Tail: WTG 98																		
604		Switchgear Set: 98			4h	07/14/20	07/15/20					Switchgear Set: 98																		
605		MV Term: 98			4h	07/15/20	07/15/20					MV Term: 98																		
606	90,98	Install UG Cable: 98 - 90			9h 58.48min	07/06/20	07/07/20				90,98	Install UG Cable: 98 - 90																		
607		Install Splice: 13B-15			2h	07/07/20	07/07/20					Install Splice: 13B-15																		
608		Install Splice: 13B-16			2h	07/07/20	07/08/20					Install Splice: 13B-16																		
609		Dig MV Tail: WTG 90			1d	07/08/20	07/09/20					Dig MV Tail: WTG 90																		
610		Fiber Blowing: 98 - 90			5h 59.08min	07/14/20	07/14/20					Fiber Blowing: 98 - 90																		
611		Switchgear Set: 90			4h	07/15/20	07/15/20					Switchgear Set: 90																		
612		MV Term: 90			4h	07/15/20	07/16/20					MV Term: 90																		
613	90	Install UG Cable: 90 - 96			1h 27.77min	07/07/20	07/07/20				90	Install UG Cable: 90 - 96																		
614		Dig MV Tail: WTG 96			1d	07/07/20	07/08/20					Dig MV Tail: WTG 96																		
615		Fiber Blowing: 90 - 96			52min 39s	07/14/20	07/14/20					Fiber Blowing: 90 - 96																		
616		Switchgear Set: 96			4h	07/15/20	07/16/20					Switchgear Set: 96																		
617		MV Term: 96			4h	07/16/20	07/16/20					MV Term: 96																		
618	96,118	Install UG Cable: 96 - 118			5h 55.12min	07/07/20	07/07/20				96,118	Install UG Cable: 96 - 118																		
619		Install Splice: 13B-17			2h	07/08/20	07/08/20					Install Splice: 13B-17																		
620		Dig MV Tail: WTG 118			1d	07/08/20	07/09/20					Dig MV Tail: WTG 118																		
621		Fiber Blowing: 96 - 118			3h 33.07min	07/14/20	07/15/20					Fiber Blowing: 96 - 118																		
622		Switchgear Set: 118			4h	07/16/20	07/16/20					Switchgear Set: 118																		
623		MV Term: 118			4h	07/16/20	07/16/20					MV Term: 118																		
624		Dig MV Tail: WTG 124			1d	06/25/20	06/25/20					Dig MV Tail: WTG 124																		
625	118,124	Install UG Cable: 118 - 124			1h 43.03min	06/25/20 A	06/26/20 A		100.00		124	Install UG Cable: 118 - 124																		
626		Fiber Blowing: 118 - 124			1h 1.82min	07/15/20	07/15/20					Fiber Blowing: 118 - 124																		
627		Switchgear Set: 124			4h	07/16/20	07/16/20					Switchgear Set: 124																		
628	94	Install UG Cable: JB13B-1 - 94			2h 24.23min	07/02/20	07/02/20				94	Install UG Cable: JB13B-1 - 94																		

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	June		July					August 2020				September			October			
										29	6	13	20	27	3	10	17	24	31	7	14	21	28	5			
629		Fiber Blowing: JB13B-1 - 94			1h 26.55min	07/15/20	07/15/20					Fiber Blowing: JB13B-1 - 94															
630	94,100	Install UG Cable: 94 - 100			1h 48.8min	07/02/20	07/06/20				94,100	Install UG Cable: 94 - 100															
631		Install Splice: 13B-9			2h	07/10/20	07/10/20					Install Splice: 13B-9															
632		Fiber Blowing: 94 - 100			1h 5.28min	07/15/20	07/15/20					Fiber Blowing: 94 - 100															
633	100,105	Install UG Cable: 100 - 105			1h 53.6min	07/06/20	07/06/20				100,105	Install UG Cable: 100 - 105															
634		Install Splice: 13B-10			2h	07/10/20	07/10/20					Install Splice: 13B-10															
635		Fiber Blowing: 100 - 105			1h 8.17min	07/15/20	07/15/20					Fiber Blowing: 100 - 105															
636	105,113	Install UG Cable: 105 - 113			3h 25.83min	07/07/20	07/07/20				105,113	Install UG Cable: 105 - 113															
637		Install Splice: 13B-11			2h	07/10/20	07/13/20					Install Splice: 13B-11															
638		Fiber Blowing: 105 - 113			2h 3.5min	07/15/20	07/15/20					Fiber Blowing: 105 - 113															
639	119,120	Install UG Cable: 119 - 120			4h 18.88min	07/07/20	07/08/20				119,120	Install UG Cable: 119 - 120															
640		Install Splice: 11A-18			2h	07/08/20	07/08/20					Install Splice: 11A-18															
641		Install Splice: 11A-19			2h	07/08/20	07/08/20					Install Splice: 11A-19															
642		Dig MV Tail: WTG 120			2d	07/08/20	07/10/20					Dig MV Tail: WTG 120															
643		Fiber Blowing: 119 - 120			2h 34.7min	07/15/20	07/15/20					Fiber Blowing: 119 - 120															
644	120,128	Install UG Cable: 120 - 128			1h 55.83min	07/08/20	07/08/20				120,128	Install UG Cable: 120 - 128															
645		Dig MV Tail: WTG 128			1d	07/08/20	07/09/20					Dig MV Tail: WTG 128															
646		Fiber Blowing: 120 - 128			1h 9.5min	07/15/20	07/16/20					Fiber Blowing: 120 - 128															
647	128,134	Install UG Cable: 128 - 134			1h 34.23min	07/08/20	07/08/20				128,134	Install UG Cable: 128 - 134															
648		Fiber Blowing: 128 - 134			56min 33s	07/16/20	07/16/20					Fiber Blowing: 128 - 134															
649		Dig MV Tail: WTG 134			1d	07/16/20	07/17/20					Dig MV Tail: WTG 134															
650	133,134	Install UG Cable: 134 - 133			3h 14.63min	07/08/20	07/08/20				133,134	Install UG Cable: 134 - 133															
651		Fiber Blowing: 134 - 133			1h 56.78min	07/16/20	07/16/20					Fiber Blowing: 134 - 133															
652		Dig MV Tail: WTG 133			1d	07/16/20	07/17/20					Dig MV Tail: WTG 133															
653	126,133	Install UG Cable: 133 - 126			1h 47.83min	07/08/20	07/09/20				126,133	Install UG Cable: 133 - 126															
654		Fiber Blowing: 133 - 126			1h 4.7min	07/16/20	07/16/20					Fiber Blowing: 133 - 126															
655		Dig MV Tail: WTG 126			1d	07/16/20	07/17/20					Dig MV Tail: WTG 126															
656	119	Install UG Cable: JB11A-2 - 119			2d 3.76h	07/09/20	07/13/20				119	Install UG Cable: JB11A-2 - 119															
657		Install Splice: 11A-9			2h	07/13/20	07/14/20					Install Splice: 11A-9															
658		Install Splice: 11A-10			2h	07/14/20	07/14/20					Install Splice: 11A-10															
659		Install Splice: 11A-11			2h	07/14/20	07/14/20					Install Splice: 11A-11															
660		Install Splice: 11A-12			2h	07/14/20	07/14/20					Install Splice: 11A-12															
661		Install Splice: 11A-13			2h	07/14/20	07/15/20					Install Splice: 11A-13															
662		Install Splice: 11A-14			2h	07/15/20	07/15/20					Install Splice: 11A-14															
663		Install Splice: 11A-15			2h	07/15/20	07/15/20					Install Splice: 11A-15															
664		Install Splice: 11A-16			2h	07/15/20	07/15/20					Install Splice: 11A-16															
665		Install Splice: 11A-17			2h	07/15/20	07/16/20					Install Splice: 11A-17															
666		Install Splice: 11A-20			2h	07/16/20	07/16/20					Install Splice: 11A-20															
667		Fiber Blowing: JB11A-2 - 119			10h 8.98min	07/16/20	07/17/20					Fiber Blowing: JB11A-2 - 119															
668		Set JB: JB11A-1			8h	07/02/20	07/06/20					Set JB: JB11A-1															





Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	June		July			August 2020			September			October	
										29	6	13	20	27	3	10	17	24	31	7	14	21
710		Drill for Embed STR: 124			2h	07/10/20	07/10/20															
711		Frame STR: 123			2h 40min	06/25/20 A	06/25/20 A		100.00													
712		Drill for Embed STR: 123			2h	07/10/20	07/10/20															
713		Frame STR: 122			2h 40min	06/24/20 A	06/25/20 A		100.00													
714		Drill for Embed STR: 122			2h	07/10/20	07/10/20															
715		Frame STR: 121			2h 40min	06/25/20 A	06/25/20 A		100.00													
716		Drill for Embed STR: 121			2h	07/10/20	07/10/20															
717		Frame STR: 120			2h 40min	06/25/20 A	06/25/20 A		100.00													
718		Drill for Embed STR: 120			2h	07/13/20	07/13/20															
719		Frame STR: 119			2h 40min	06/24/20 A	06/25/20 A		100.00													
720		Drill for Embed STR: 119			2h	07/13/20	07/13/20															
721		Frame STR: 118			2h 40min	06/25/20 A	06/25/20 A		100.00													
722		Drill for Embed STR: 118			2h	07/13/20	07/13/20															
723		Set Embed STR: 117			2h	06/25/20 A	06/25/20 A		100.00													
724		Frame STR: 117			2h 40min	06/25/20 A	06/25/20 A		100.00													
725		Frame STR: 116			2h 40min	06/24/20 A	06/25/20 A		100.00													
726		Drill for Embed STR: 116			2h	06/25/20	06/25/20															
727		Set Embed STR: 116			2h	06/25/20	06/25/20															
728		Drill for Embed STR: 115			2h	06/25/20	06/25/20															
729		Set Embed STR: 115			2h	06/25/20	06/25/20															
730		Drill for Embed STR: 114			2h	06/25/20	06/25/20															
731		Set Embed STR: 114			2h	06/25/20	06/25/20															
732		Drill for Embed STR: 113			2h	06/25/20	06/25/20															
733		Set Embed STR: 113			2h	06/26/20	06/26/20															
734		Drill for Embed STR: 112			2h	06/26/20	06/26/20															
735		Set Embed STR: 112			2h	06/26/20	06/26/20															
736		Drill for Embed STR: 111			2h	06/26/20	06/26/20															
737		Set Embed STR: 111			2h	06/26/20	06/26/20															
738		Drill for Embed STR: 110			2h	06/26/20	06/26/20															
739		Set Embed STR: 110			2h	06/26/20	06/26/20															
740		Drill for Embed STR: 108			2h	06/25/20	06/25/20															
741		Set Embed STR: 108			2h	06/25/20	06/25/20															
742		Drill for Embed STR: 107			2h	06/25/20	06/25/20															
743		Set Embed STR: 107			2h	06/25/20	06/25/20															
744		Drill for Embed STR: 106			2h	06/25/20	06/25/20															
745		Set Embed STR: 106			2h	06/25/20	06/25/20															
746		Drill for Embed STR: 105			2h	06/25/20	06/25/20															
747		Set Embed STR: 105			2h	06/26/20	06/26/20															
748		Drill for Embed STR: 104			2h	06/26/20	06/26/20															
749		Set Embed STR: 104			2h	06/26/20	06/26/20															
750		Drill for Embed STR: 103			2h	06/26/20	06/26/20															
751		Set Embed STR: 103			2h	06/26/20	06/26/20															

Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	June		July					August 2020			September			October				
										29	6	13	20	27	3	10	17	24	31	7	14	21	28	5			
752		Drill for Embed STR: 102			2h	06/26/20	06/26/20				█	█															
753		Set Embed STR: 102			2h	06/26/20	06/26/20				█	█															
754		Drill for Embed STR: 101			2h	06/26/20	06/26/20				█	█															
755		Set Embed STR: 101			2h	06/29/20	06/29/20				█	█															
756		Drill for Embed STR: 100			2h	06/29/20	06/29/20				█	█															
757		Set Embed STR: 100			2h	06/29/20	06/29/20				█	█															
758		Drill for Embed STR: 99			2h	06/29/20	06/29/20				█	█															
759		Set Embed STR: 99			2h	06/29/20	06/29/20				█	█															
760		Drill for Embed STR: 98			2h	06/29/20	06/29/20				█	█															
761		Set Embed STR: 98			2h	06/29/20	06/29/20				█	█															
762		Drill for Embed STR: 97			2h	06/29/20	06/29/20				█	█															
763		Set Embed STR: 97			2h	06/30/20	06/30/20				█	█															
764		Frame STR: 96			2h 40min	06/25/20	06/25/20				█	█															
765		Set DE STR: 96			4h	06/26/20	06/26/20				█	█															
766		Drill for Embed STR: 95			2h	06/30/20	06/30/20				█	█															
767		Set Embed STR: 95			2h	06/30/20	06/30/20				█	█															
768		Drill for Embed STR: 94			2h	06/30/20	06/30/20				█	█															
769		Set Embed STR: 94			2h	06/30/20	06/30/20				█	█															
770		Drill for Embed STR: 93			2h	06/30/20	06/30/20				█	█															
771		Set Embed STR: 93			2h	06/30/20	06/30/20				█	█															
772		Drill for Embed STR: 90			2h	06/30/20	06/30/20				█	█															
773		Set Embed STR: 90			2h	07/01/20	07/01/20				█	█															
774		Drill for Embed STR: 89			2h	07/01/20	07/01/20				█	█															
775		Set Embed STR: 89			2h	07/01/20	07/01/20				█	█															
776		Drill for Embed STR: 88			2h	07/01/20	07/01/20				█	█															
777		Set Embed STR: 88			2h	07/01/20	07/01/20				█	█															
778		Drill for Embed STR: 87			2h	07/01/20	07/01/20				█	█															
779		Set Embed STR: 87			2h	07/01/20	07/01/20				█	█															
780		Drill for Embed STR: 86			2h	07/01/20	07/01/20				█	█															
781		Set Embed STR: 86			2h	07/02/20	07/02/20				█	█															
782		Drill for Embed STR: 85			2h	07/02/20	07/02/20				█	█															
783		Set Embed STR: 85			2h	07/02/20	07/02/20				█	█															
784		Drill for Embed STR: 81			2h	07/02/20	07/02/20				█	█															
785		Set Embed STR: 81			2h	07/02/20	07/02/20				█	█															
786		Drill for Embed STR: 77			2h	07/02/20	07/02/20				█	█															
787		Set Embed STR: 77			2h	07/02/20	07/02/20				█	█															
788		Drill for Embed STR: 76			2h	07/02/20	07/02/20				█	█															
789		Set Embed STR: 76			2h	07/06/20	07/06/20				█	█															
790		Drill for Embed STR: 75			2h	07/06/20	07/06/20				█	█															
791		Set Embed STR: 75			2h	07/06/20	07/06/20				█	█															
792		Drill for Embed STR: 74			2h	07/06/20	07/06/20				█	█															
793		Set Embed STR: 74			2h	07/06/20	07/06/20				█	█															



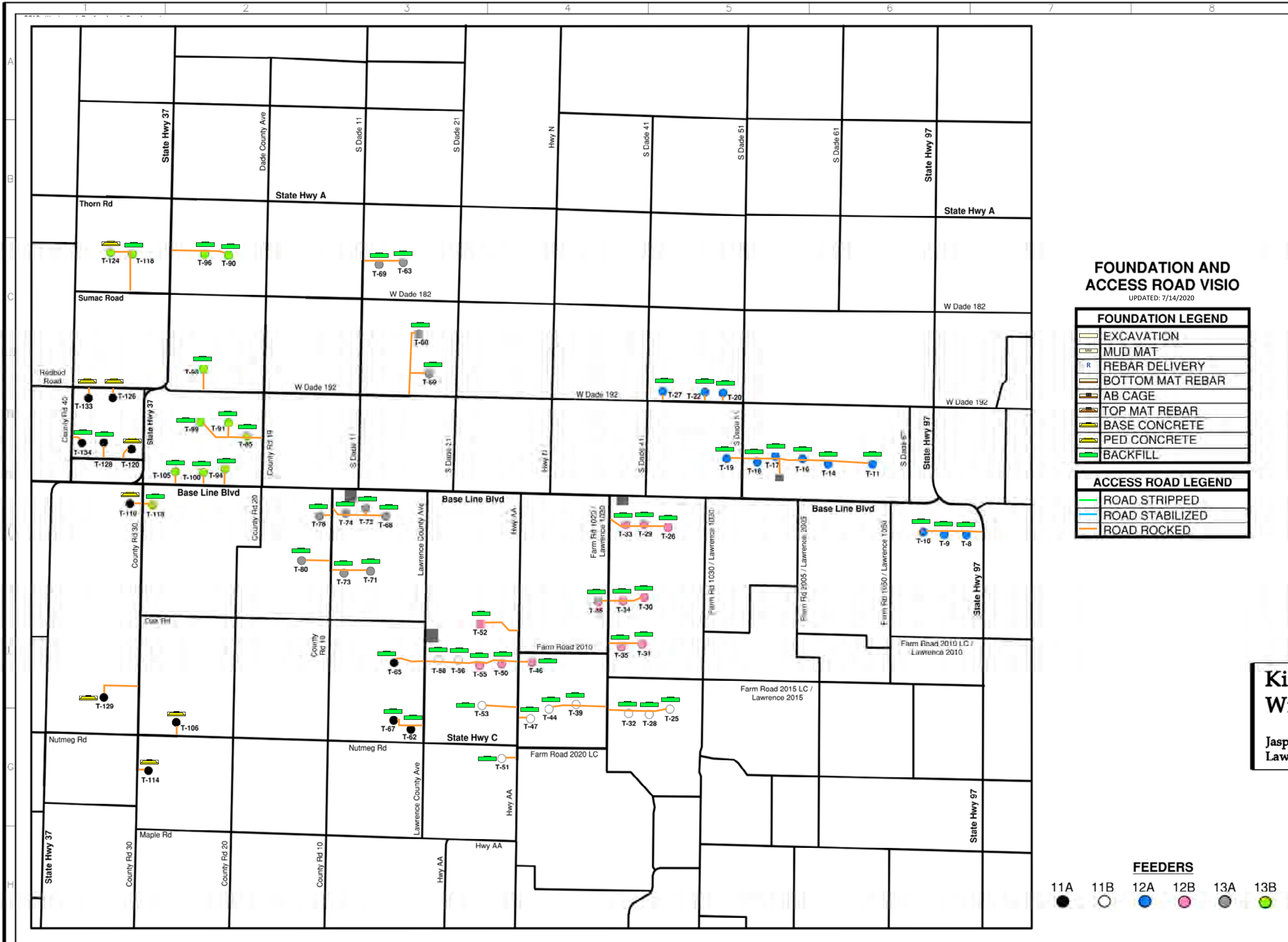
Line	Turbines	Name	Start Baseline	Finish Baseline	Duration	Start	Finish	Finish constraint date	Overall percent complete	June		July					August 2020			September			October			
										29	6	13	20	27	3	10	17	24	31	7	14	21	28	5		
836		Drill for Embed STR: 9			2h	06/26/20	06/26/20				█															
837		Set Embed STR: 9			2h	06/26/20	06/29/20				█															
838		Haul & Spot STR: 8			1h 36min	06/25/20	06/25/20				█															
839		Frame STR: 8			2h 40min	06/26/20	06/26/20				█															
840		Drill for Embed STR: 8			2h	06/26/20	06/29/20				█															
841		Set Embed STR: 8			2h	06/29/20	06/29/20				█															
842		Haul & Spot STR: 7			1h 36min	06/26/20	06/26/20				█															
843		Frame STR: 7			2h 40min	06/26/20	06/29/20				█															
844		Drill for Embed STR: 7			2h	06/29/20	06/29/20				█															
845		Set Embed STR: 7			2h	06/29/20	06/29/20				█															
846		Haul & Spot STR: 5			1h 36min	06/26/20	06/26/20				█															
847		Frame STR: 5			2h 40min	06/29/20	06/29/20				█															
848		Drill for Embed STR: 5			2h	06/29/20	06/29/20				█															
849		Set Embed STR: 5			2h	06/29/20	06/30/20				█															
850		Haul & Spot STR: 4			1h 36min	06/26/20	06/26/20				█															
851		Frame STR: 4			2h 40min	06/29/20	06/29/20				█															
852		Drill for Embed STR: 4			2h	06/29/20	06/30/20				█															
853		Set Embed STR: 4			2h	06/30/20	06/30/20				█															
854		Haul & Spot STR: 3			1h 36min	06/26/20	06/26/20				█															
855		Frame STR: 3			2h 40min	06/29/20	06/30/20				█															
856		Drill for Embed STR: 3			2h	06/30/20	06/30/20				█															
857		Set Embed STR: 3			2h	06/30/20	06/30/20				█															
858		<b>Substation</b>			<b>117d</b>	<b>05/08/20 A</b>	<b>10/15/20</b>		<b>16.90</b>	█																
859		<b>Substation</b>			<b>117d</b>	<b>05/08/20 A</b>	<b>10/15/20</b>		<b>16.90</b>	█																
860		<b>Substation Foundations &amp; UG</b>			<b>74d</b>	<b>05/08/20 A</b>	<b>08/13/20</b>		<b>75.00</b>	█ Substation Foundations & UG																
861		Install High Side Underground Conduit			5d	06/25/20 *	07/01/20			█																
862		Install High Side Underground Conduit			5d	07/02/20	07/09/20			█																
863		Install High Side Ground Grid			5d	07/10/20	07/16/20			█																
864		Install Pre-Cast Trench			10d	06/25/20	07/09/20			█																
865		<b>Standard Steel - Install</b>			<b>35d</b>	<b>06/25/20</b>	<b>08/13/20</b>			█ Standard Steel - Install																
866		Install 34.5kV Feeder Riser Structure - FR			1d	06/25/20	06/25/20			█																
867		Install 34.5kV Collection Structure - CS			1d	06/26/20	06/26/20			█																
868		Install 34.5kV Cap Bank Bus Support - CB			1d	06/29/20	06/29/20			█																
869		Install 34.5kV Switch Stand Support - MS			1d	06/30/20	06/30/20			█																
870		Install NGR Stand - NG			1d	07/01/20	07/01/20			█																
871		Install 161kV Low Bus 3-Phase Support - LB			1d	07/02/20	07/02/20			█																
872		Install 161kV CIT Support - CT			1d	07/06/20	07/06/20			█																
873		Install 161kV Switch Stand - LS			1d	07/07/20	07/07/20			█																
874		Install MPT Grating - GR1			1d	07/08/20	07/08/20			█																
875		Install Switch Grounding Platform - GR2			1d	07/09/20	07/09/20			█																
876		Install Substation Steel - Complete				07/09/20	07/09/20			█																



**Exhibit C – Progress Map**

**KINGS POINT WIND**

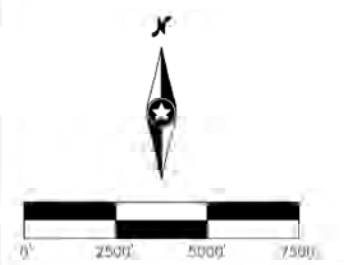
850 Base Line Rd  
Golden City, MO 64748



**FOUNDATION AND ACCESS ROAD VISIO**  
UPDATED: 7/14/2020

FOUNDATION LEGEND	
	EXCAVATION
	MUD MAT
	REBAR DELIVERY
	BOTTOM MAT REBAR
	AB CAGE
	TOP MAT REBAR
	BASE CONCRETE
	PED CONCRETE
	BACKFILL

ACCESS ROAD LEGEND	
	ROAD STRIPPED
	ROAD STABILIZED
	ROAD ROCKED



**Kings Point  
Wind Project**

Jasper, Barton, Dade, and  
Lawrence County, Missouri

**FEEDERS**

	11A		11B		12A		12B		13A		13B
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**Exhibit D – Open RFI Log**



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

## 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
87	Transmission - STR 65 Location Shift	Open	Mortenson - Power...	Mott, Rion (Mortenson - Power Delivery Solutions)	Stevens, Michael ...	07/14/2020	Rion Mott	07/17/2020				Stevens, Michael ...		
86	Transmission - Rebar Cage Lap Splice STR 96	Open	Mortenson - Power...	Mott, Rion (Mortenson - Power Delivery Solutions)	Stevens, Michael ...	07/14/2020	Rion Mott	07/17/2020				Stevens, Michael ...		
85	Substation and O&M Permanent Power H-frame	Open		None	Pellinen, Matt (S...	07/14/2020	Yasir Albaqqal	07/24/2020				Pellinen, Matt (S...		
84	T-16 WTG Foundation Conduit Obstruction	Open		None	Frank, Eric (Mort...	07/11/2020	Keaton Voegtly	07/14/2020			KP 16	Yes (Unknown)		Yes (Unknown)
83	T-34 WTG Foundation Conduit Obstruction	Open		None	Frank, Eric (Mort...	07/10/2020	Keaton Voegtly	07/10/2020				Yes (Unknown)		Yes (Unknown)
80	Collection - Vestas Fiber Termination One-Line and Cutsheets	Open		None	Jones, Matthew (V...	07/07/2020	Yasir Albaqqal	07/13/2020				Jones, Matthew (V...		
78	Vestas Transformer Tap Setting	Open	Mortenson - Engin...	Anderson, Tami (Mortenson - Engineering Services Group)	Jones, Matthew (V...	06/29/2020	Tammy Abbey	07/02/2020				Abbey, Tammy (Mor...		
77	Transmission Line - Structure 81 Relocation	Open	Capital Electric ...	None	Stevens, Michael ...	06/26/2020	Rion Mott	06/28/2020				Mott, Rion (Morte...		Transmission Line
74	Collection - Fiber Quazite box installation	Open		None	Pellinen, Matt (S... Lay, Steve (Morte...	06/23/2020	Yasir Albaqqal	06/26/2020				Albaqqal, Yasir (...)		
71	Transmission Line - Permanent Foundation Casings	Open		None	Stevens, Michael ...	06/17/2020	Yasir Albaqqal	06/19/2020				Albaqqal, Yasir (...)		
69	TL Template Tack-weld Alternative	Open	Mortenson - Engin...	None	Anderson, Tami (M... Hutchinson, Chanc... Dunphy, Katie (Mo... Schneider, Vicki ...	06/10/2020	Armin Etemadi	06/15/2020				Etemadi, Armin (M...		Substation
57	MPT Concrete Strength	Open	Mortenson - Power...	Voegtly, Keaton (Mortenson - Power Delivery Solutions)	Hutchinson, Chanc...	05/22/2020	Keaton Voegtly	05/25/2020				Voegtly, Keaton ...		
55	Additional Survey Required for Collection System	Open		None	Bell, Logan (Sola... Larson, Erik (Sol...	05/13/2020	Michael Benavides	05/16/2020				Benavides, Michae...		Yes (Unknown)
54	WTG Arc Flash Study	Open	Mortenson - Power...	Benavides, Michael (Mortenson - Power Delivery Solutions)	Pellinen, Matt (S...	05/12/2020	Michael Benavides	05/22/2020				Benavides, Michae...		
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  
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## All Submittals

Spec Section	#	Rev.	Title	Type	Status	Responsible Contractor	Final Due Date	Submit By	Location	Received From	Received Date	Ball In Court	Approvers	Response	Sent Date	Returned Date	Due Date	Distributed Date
W33 - Met Towers	W33-4	1	Preliminary Met Tower Drawings	Drawings	Open		07/17/2020					Matt Pellinen (Solas Energy Consulting)	Thea Daguison (Mortenson - Wind Energy) Matt Pellinen (Solas Energy Consulting)	Submitted Pending	07/11/2020	07/11/2020	07/10/2020 07/17/2020	
W33 - Met Towers	W33-1	1	Preliminary Met Tower Foundation Drawings	Document	Open		07/17/2020					Matt Pellinen (Solas Energy Consulting)	Thea Daguison (Mortenson - Wind Energy) Matt Pellinen (Solas Energy Consulting)	Submitted Pending	07/11/2020	07/11/2020	07/10/2020 07/17/2020	
W31 - O&M Building	W31-15	0	O&M Storage building mechanical and electrical drawings		Open	Titan Construction, LLC	07/28/2020			Randal Baker		Matt Pellinen (Solas Energy Consulting)	Matt Pellinen (Solas Energy Consulting)	Pending	07/14/2020		07/28/2020	
W31 - O&M Building	W31-14	0	O&M HVAC Submittal		Open	Titan Construction, LLC	07/27/2020			Randal Baker		Mitch Holsinger (Mortenson - Wind Energy)	Matt Pellinen (Solas Energy Consulting)	Revise And Resubmit	07/13/2020	07/14/2020	07/27/2020	
W31 - O&M Building	W31-13	0	O&M Storage building Structural and Architectural Drawings		Open	Titan Construction, LLC	07/23/2020			Randal Baker		Matt Pellinen (Solas Energy Consulting)	Matt Pellinen (Solas Energy Consulting)	Pending	07/09/2020		07/23/2020	
W31 - O&M Building	W31-12	0	O&M Storage Building Foundation Drawings		Open	Titan Construction, LLC	07/23/2020			Randal Baker		Matt Pellinen (Solas Energy Consulting)	Matt Pellinen (Solas Energy Consulting)	Pending	07/09/2020		07/23/2020	
W31 - O&M Building	W31-11	0	O&M Electrical Submittal		Open	Titan Construction, LLC	07/22/2020			Randal Baker		Matt Pellinen (Solas Energy Consulting)	Matt Pellinen (Solas Energy Consulting)	Pending	07/08/2020		07/22/2020	
W31 - O&M Building	W31-8	0	O&M Plumbing Fixtures and Materials		Open	Titan Construction, LLC	07/20/2020		O&M	Randal Baker		Matt Pellinen (Solas Energy Consulting)	Matt Pellinen (Solas Energy Consulting)	Pending	07/06/2020		07/20/2020	
W31 - O&M Building	W31-7	0	O&M Building Materials	Product Data	Open	Titan Construction, LLC	07/20/2020		O&M	Randal Baker		Matt Pellinen (Solas Energy Consulting)	Matt Pellinen (Solas Energy Consulting)	Pending	07/06/2020		07/20/2020	
W31 - O&M Building	W31-6	2	O&M Building Concrete Mix Design		Open		05/21/2020					Casey Stoltz (Mortenson - Wind Energy)	Matt Pellinen (Solas Energy Consulting)	Approved		06/05/2020	05/21/2020	06/06/2020
W31 - O&M Building	W31-6	0	O&M Building Concrete Mix Design		Open		05/21/2020					Casey Stoltz (Mortenson - Wind Energy)	Matt Pellinen (Solas Energy Consulting)	Approved	05/07/2020	06/01/2020	05/21/2020	
W31 - O&M Building	W31-5	0	O&M Building Doors & Windows		Open		05/21/2020					Casey Stoltz (Mortenson - Wind Energy)	Matt Pellinen (Solas Energy Consulting)	Revise And Resubmit	05/07/2020	06/19/2020	05/21/2020	



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
W31 - O&M Building	W31-3	0	O&M Building Foundation Drawings		Open		03/27/2020					Casey Stoltz (Mortenson - Wind Energy)	Matt Pellinen (Solas Energy Consulting)	Revise And Resubmit	03/14/2020	03/19/2020	03/27/2020	
W31 - O&M Building	W31-2	1	O&M Building MEP Drawing		Open		05/18/2020					Casey Stoltz (Mortenson - Wind Energy)	Matt Pellinen (Solas Energy Consulting)	Void	05/07/2020	06/05/2020	05/18/2020	
W31 - O&M Building	W31-2	0	O&M Building MEP Drawing		Open		03/27/2020					Casey Stoltz (Mortenson - Wind Energy)	Matt Pellinen (Solas Energy Consulting)	Void	03/14/2020	06/05/2020	03/27/2020	
W31 - O&M Building	W31-1	2	O&M Buildings Architectural drawings and color scheme		Open		03/18/2020					Casey Stoltz (Mortenson - Wind Energy)	Matt Pellinen (Solas Energy Consulting)	Revise And Resubmit	06/04/2020	06/05/2020	03/18/2020	
W31 - O&M Building	W31-1	1	O&M Buildings Architectural drawings and color scheme		Open		03/18/2020					Casey Stoltz (Mortenson - Wind Energy)	Matt Pellinen (Solas Energy Consulting)	Void	05/07/2020	06/05/2020	03/18/2020	
W31 - O&M Building	W31-1	0	O&M Buildings Architectural drawings and color scheme		Open		03/18/2020					Casey Stoltz (Mortenson - Wind Energy)	Matt Pellinen (Solas Energy Consulting)	Revise And Resubmit	03/14/2020	03/19/2020	03/18/2020	
W27 - Transmission Lines	W27-22	0	GUY-1W-34EHS	Product Data	Open	Mortenson - Power Delivery Solutions	05/15/2020					Carol Svare (Mortenson - Power Delivery Solutions)	Carol Svare (Mortenson - Power Delivery Solutions) Michael Stevens (Mortenson - Engineering Services Group) Carol Svare (Mortenson - Power Delivery Solutions) Carol Svare (Mortenson - Power Delivery Solutions)	Submitted Approved As Noted Approved Pending	04/08/2020	04/08/2020 04/21/2020 05/01/2020	04/08/2020 04/22/2020 05/01/2020 05/15/2020	
W27 - Transmission Lines	W27-21	0	GUY-1W-12EHS	Product Data	Open	Mortenson - Power Delivery Solutions	05/01/2020					Carol Svare (Mortenson - Power Delivery Solutions)	Carol Svare (Mortenson - Power Delivery Solutions) Michael Stevens (Mortenson - Engineering Services Group) Carol Svare (Mortenson - Power Delivery Solutions)	Submitted Approved As Noted Pending	04/08/2020	04/08/2020 04/21/2020	04/08/2020 04/22/2020 05/01/2020	
W27 - Transmission Lines	W27-18	0	OPGW-MA-CC-59-481	Product Data	Open	Mortenson - Power Delivery Solutions	05/01/2020					Carol Svare (Mortenson - Power Delivery Solutions)	Carol Svare (Mortenson - Power Delivery Solutions) Michael Stevens (Mortenson - Engineering Services Group) Carol Svare (Mortenson - Power Delivery Solutions)	Submitted Approved As Noted Pending	04/08/2020	04/08/2020 04/21/2020	04/08/2020 04/22/2020 05/01/2020	



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	
W27 - Transmission Lines	W27-16	0	COND-MA-795-267	Product Data	Open	Mortenson - Power Delivery Solutions	05/01/2020					Carol Svare (Mortenson - Power Delivery Solutions)	Carol Svare (Mortenson - Power Delivery Solutions) Michael Stevens (Mortenson - Engineering Services Group) Carol Svare (Mortenson - Power Delivery Solutions)	Submitted Approved As Noted Pending	04/06/2020	04/06/2020 04/17/2020	04/06/2020 04/17/2020 05/01/2020		
W27 - Transmission Lines	W27-13	0	COND-SA-795-267	Product Data	Open	Mortenson - Power Delivery Solutions	05/01/2020					Carol Svare (Mortenson - Power Delivery Solutions)	Carol Svare (Mortenson - Power Delivery Solutions) Michael Stevens (Mortenson - Engineering Services Group) Carol Svare (Mortenson - Power Delivery Solutions)	Submitted Approved Approved	04/06/2020	04/06/2020 04/17/2020 05/01/2020	04/06/2020 04/17/2020 05/01/2020		
W25-07 - Cap Bank, Reactor, Switchgear	W25-07-1	0	Substation - Capacitor Bank	Shop Drawings	Open	Mortenson - Power Delivery Solutions	03/30/2020	03/26/2020	Substation	Keaton Voegtly		Keaton Voegtly (Mortenson - Power Delivery Solutions)	Keaton Voegtly (Mortenson - Power Delivery Solutions) Kyle Kraus (Mortenson - Engineering Services Group) Matt Pellinen (Solus Energy Consulting)	Submitted Approved As Noted Approved As Noted	03/24/2020 03/24/2020	03/24/2020 03/30/2020 04/06/2020	03/24/2020 03/27/2020 03/30/2020		
W25-05 - Steel Structures and Overhead Bus	W25-05-1	0	Substation Stairs and Stair Landing		Open							Carol Svare (Mortenson - Power Delivery Solutions)							
W25 - Substation	W25-67	0	HV-Breaker Platform	Product Data	Open	Mortenson - Engineering Services Group	07/22/2020					Tami Anderson (Mortenson - Engineering Services Group) Katie Dunphy (Mortenson - Engineering Services Group) Chance Hutchinson (Mortenson - Engineering Services Group)	Armin Etemadi (Mortenson - Power Delivery Solutions) Tami Anderson (Mortenson - Engineering Services Group) Katie Dunphy (Mortenson - Engineering Services Group) Chance Hutchinson (Mortenson - Engineering Services Group) Armin Etemadi (Mortenson - Power Delivery Solutions)	Submitted Pending Pending Pending	07/14/2020 07/14/2020 07/14/2020 07/14/2020	07/14/2020	07/14/2020 07/21/2020 07/21/2020 07/21/2020 07/22/2020		
W25 -	W25-66	0	Substation Surge		Open	Mortenson -	08/03/2020	07/20/2020				Tami Anderson	Armin Etemadi	Submitted		07/06/2020	07/06/2020		



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	
Substation			Arrester Fitting K07			Engineering Services Group						(Mortenson - Engineering Services Group) Katie Dunphy (Mortenson - Engineering Services Group) Kyle Kraus (Mortenson - Engineering Services Group)	(Mortenson - Power Delivery Solutions) Tami Anderson (Mortenson - Engineering Services Group) Katie Dunphy (Mortenson - Engineering Services Group) Kyle Kraus (Mortenson - Engineering Services Group) Armin Etemadi (Mortenson - Power Delivery Solutions)	Pending Pending Pending Pending	07/06/2020 07/06/2020 07/06/2020		07/20/2020 07/20/2020 07/20/2020 08/03/2020		
W25 - Substation	W25-54	0	Substation Surface Rock		Open							Carol Svare (Mortenson - Power Delivery Solutions)							
W25 - Substation	W25-53	0	Current Limiting Reactor		Open							Carol Svare (Mortenson - Power Delivery Solutions)							
W25 - Substation	W25-39	0	Concrete Field Testing Results (For Record)		Open							Carol Svare (Mortenson - Power Delivery Solutions)							
W25 - Substation	W25-38	0	Finish Rock		Open							Carol Svare (Mortenson - Power Delivery Solutions)							
W25 - Substation	W25-07	2	Substation - Capacitor Bank	Shop Drawings	Open		07/27/2020					Kyle Kraus (Mortenson - Engineering Services Group) Matt Pellinen (Solas Energy Consulting)	Kyle Kraus (Mortenson - Engineering Services Group) Matt Pellinen (Solas Energy Consulting)	Pending Pending	07/13/2020 07/13/2020		07/27/2020 07/27/2020		
W25 - Substation	W25-7	0	90% Kings Point Studies Submittal		Open	Mortenson - Engineering Services Group	04/20/2020			Katie Dunphy		Shaen Rooney (Liberty Utilities (Missouri))	Ruth Johnson (Barr Engineering Company) Shaen Rooney (Liberty Utilities (Missouri)) Ella Rose (Burns & McDonnell)	For Record Only Pending Approved As Noted	04/13/2020 04/13/2020	04/22/2020 05/20/2020	04/20/2020 04/20/2020 04/20/2020		
W25 - Substation	W25-6	0	90% Kings Point TOV Study		Open	Mortenson - Engineering Services Group	03/27/2020			Katie Dunphy		Shaen Rooney (Liberty Utilities (Missouri))	Ruth Johnson (Barr Engineering Company) Nathan Riggs (Mortenson - Power Delivery Solutions) Shaen Rooney (Liberty Utilities (Missouri)) Ella Rose (Burns & McDonnell)	For Record Only Approved Pending Approved As Noted	03/20/2020 03/13/2020 03/20/2020 03/20/2020	03/30/2020 04/17/2020 04/02/2020	03/27/2020 03/27/2020 03/27/2020		



Spec Section	#	Rev.	Title	Type	Status	Responsible Contractor	Final Due Date	Submit By	Location	Received From	Received Date	Ball In Court	Approvers	Response	Sent Date	Returned Date	Due Date	Distributed Date
W25 - Substation	W25-5	0	Third Party P&C Review		Open	Mortenson - Engineering Services Group	01/14/2020			Tami Anderson		Tammy Abbey (Mortenson - Power Delivery Solutions)	Ruth Johnson (Barr Engineering Company)	For Record Only		01/20/2020	01/14/2020	
W23 - SCADA	W23-2	0	HMI Screen Go-By		Open	Mortenson - Engineering Services Group	01/03/2020			Tami Anderson		Tammy Abbey (Mortenson - Power Delivery Solutions)	Shaen Rooney (Liberty Utilities (Missouri))	Approved As Noted	12/20/2019	01/06/2020	01/03/2020	
W17 - Underground Collection System	W17-36	0	Collection - MV cables test reports		Open		07/13/2020					Steve Lay (Mortenson - Engineering Services Group)	Steve Lay (Mortenson - Engineering Services Group)	Pending	06/30/2020		07/13/2020	
W17 - Underground Collection System	W17-34	0	Turbine Rock Ring	Test Reports	Open		05/29/2020					Megan Pamperin (Mortenson - Power Delivery Solutions)	Sumner Houston (Mortenson - Civil Group) Eric Frank (Mortenson - Engineering Services Group) Steve Lay (Mortenson - Engineering Services Group) Megan Pamperin (Mortenson - Power Delivery Solutions)	Submitted Approved Approved Pending	05/14/2020 05/30/2020 05/30/2020 06/02/2020	05/30/2020 06/01/2020 06/02/2020	05/15/2020 05/29/2020 05/29/2020	
W17 - Underground Collection System	W17-33	0	MV Cable, Junction Box, and Line Marker Labels		Open							Carol Svare (Mortenson - Power Delivery Solutions)						
W17 - Underground Collection System	W17-32	0	Fault Indicator		Open							Carol Svare (Mortenson - Power Delivery Solutions)						
W17 - Underground Collection System	W17-31	0	Elbow Connecting Plug		Open							Carol Svare (Mortenson - Power Delivery Solutions)						
W17 - Underground Collection System	W17-30	0	Surge Arrester		Open							Carol Svare (Mortenson - Power Delivery Solutions)						
W17 - Underground Collection System	W17-29	0	Vestas Basic Switchgear		Open							Carol Svare (Mortenson - Power Delivery Solutions)						
W17 - Underground Collection System	W17-28	0	Concrete for Junction Box Base		Open							Carol Svare (Mortenson - Power Delivery Solutions)						
W17 - Underground	W17-27	0	Crushed Rock for Junction Box		Open							Carol Svare (Mortenson - Power						





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Collection System												Delivery Solutions)							
W17 - Underground Collection System	W17-26	0	J-Box Conduit Bell End		Open							Carol Svare (Mortenson - Power Delivery Solutions)							
W17 - Underground Collection System	W17-25	0	J-Box Conduit		Open							Carol Svare (Mortenson - Power Delivery Solutions)							
W17 - Underground Collection System	W17-24	0	3-Way Junction		Open							Carol Svare (Mortenson - Power Delivery Solutions)							
W17 - Underground Collection System	W17-23	0	3-Way Junction Mounting Hardware		Open							Carol Svare (Mortenson - Power Delivery Solutions)							
W17 - Underground Collection System	W17-22	0	Junction Box Extension		Open							Carol Svare (Mortenson - Power Delivery Solutions)							
W17 - Underground Collection System	W17-21	0	3-Way Junction Box		Open							Carol Svare (Mortenson - Power Delivery Solutions)							
W17 - Underground Collection System	W17-20	0	Line Marker	Product Data	Open	Mortenson - Power Delivery Solutions	05/26/2020			Keaton Voegtly		Carol Svare (Mortenson - Power Delivery Solutions)	Tami Anderson (Mortenson - Engineering Services Group) Eric Frank (Mortenson - Engineering Services Group) Steve Lay (Mortenson - Engineering Services Group)	Approved As Noted Approved As Noted Approved As Noted	05/12/2020 05/12/2020 05/12/2020	05/27/2020 05/27/2020 05/27/2020	05/26/2020 05/26/2020 05/26/2020		
W17 - Underground Collection System	W17-18	0	Bollard		Open							Carol Svare (Mortenson - Power Delivery Solutions)							
W17 - Underground Collection System	W17-17	0	Bollard Concrete		Open							Carol Svare (Mortenson - Power Delivery Solutions)							
W17 - Underground Collection System	W17-16	0	Pea Gravel		Open							Carol Svare (Mortenson - Power Delivery Solutions)							
W17 - Underground	W17-15	0	Splice Closure and Tray		Open							Carol Svare (Mortenson - Power							



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Collection System												Delivery Solutions)							
W17 - Underground Collection System	W17-14	0	Handhole Enclosure		Open							Carol Svare (Mortenson - Power Delivery Solutions)							
W17 - Underground Collection System	W17-13	0	Ground Rod	Product Data	Open	Mortenson - Power Delivery Solutions	05/26/2020			Keaton Voegtly		Carol Svare (Mortenson - Power Delivery Solutions)	Tami Anderson (Mortenson - Engineering Services Group) Eric Frank (Mortenson - Engineering Services Group) Steve Lay (Mortenson - Engineering Services Group)	Approved Approved Approved	05/12/2020 05/12/2020 05/12/2020	05/26/2020 05/26/2020 05/26/2020	05/26/2020 05/26/2020 05/26/2020		
W17 - Underground Collection System	W17-12	0	Ball Marker		Open	Mortenson - Power Delivery Solutions	05/26/2020			Keaton Voegtly		Carol Svare (Mortenson - Power Delivery Solutions)	Tami Anderson (Mortenson - Engineering Services Group) Eric Frank (Mortenson - Engineering Services Group) Steve Lay (Mortenson - Engineering Services Group)	Approved Approved Approved	05/12/2020 05/12/2020 05/12/2020	05/26/2020 05/26/2020 05/26/2020	05/26/2020 05/26/2020 05/26/2020		
W17 - Underground Collection System	W17-11	0	Cable Warning Tape	SD-03 Product Data	Open	Mortenson - Power Delivery Solutions	05/26/2020			Keaton Voegtly		Carol Svare (Mortenson - Power Delivery Solutions)	Tami Anderson (Mortenson - Engineering Services Group) Eric Frank (Mortenson - Engineering Services Group) Steve Lay (Mortenson - Engineering Services Group)	Approved Approved Approved	05/12/2020 05/12/2020 05/12/2020	05/26/2020 05/26/2020 05/26/2020	05/26/2020 05/26/2020 05/26/2020		
W17 - Underground Collection System	W17-10	0	Fiber Innerduct	Product Data	Open	Mortenson - Power Delivery Solutions	05/18/2020			Keaton Voegtly		Carol Svare (Mortenson - Power Delivery Solutions)	Tami Anderson (Mortenson - Engineering Services Group) Eric Frank (Mortenson - Engineering Services Group) Steve Lay (Mortenson - Engineering Services Group)	Approved Approved Approved	05/12/2020 05/12/2020 05/12/2020	05/19/2020 05/18/2020 05/19/2020	05/18/2020 05/18/2020 05/18/2020		
W17 -	W17-6	0	Ground Rock		Open							Carol Svare							



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Underground Collection System												(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		
W09 - Foundation Conduit and Grounding	W09-3	0	Power Conduit Through Anchor Bolts		Open							Carol Svare (Mortenson - Power Delivery Solutions)							
W09 - Foundation Conduit and Grounding	W09-2	0	Comm & Ground Conduit		Open							Carol Svare (Mortenson - Power Delivery Solutions)							
W09 - Foundation Conduit and Grounding	W09-1	0	Power Conduit Under Anchor Bolts		Open							Carol Svare (Mortenson - Power Delivery Solutions)							
W07 - Foundations	W07-34	1	Kings Point Foundation Blasting Plan	Safety	Open	Mortenson - Civil Group	04/24/2020	04/10/2020	Foundations	Sumner Houston		Colin Kraut (Mortenson - Civil Group)	Matt Pellinen (Solas Energy Consulting)	Approved	06/11/2020	06/16/2020	04/24/2020		
W07 - Foundations	W07-27	0	Groundwater and Surface Water Control Plan	Process Plan	Open			03/02/2020				Tony Iglesias Ramirez (Mortenson - Wind Energy)							
W07 - Foundations	W07-25	0	Geotechnical Engineer's Subgrade Inspection Report	Test Reports	Open			06/01/2020				Tony Iglesias Ramirez (Mortenson - Wind Energy)							
W07 - Foundations	W07-24	0	Engineer Fill Compaction Under Foundation	Test Reports	Open			06/01/2020				Tony Iglesias 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)							



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W07 - Foundations	W07-19	0	Anchor Bolt Tension Plan	Process Plan	Open			06/01/2020				Tony Iglesias Ramirez (Mortenson - Wind Energy)							
W07 - Foundations	W07-18	0	Anchor Bolt Laboratory Tension Test	Test Reports	Open			06/01/2020				Tony Iglesias Ramirez (Mortenson - Wind Energy)							
W07 - Foundations	W07-17	0	Anchor Bolts Mill Certificates	Mill Certificate	Open			06/01/2020				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	W07-9	0	Rebar Mill Certification	Mill Certificate	Open			06/01/2020				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)							
W03 - Access Roads	W03-1	0	KP 60% Civil Design Package	Drawings	Open	Westwood Professional Services Inc	10/04/2019	09/25/2019		David Wirt		Cody Meyers (Mortenson - Wind Energy)	Kyle Gerking (Tenaska)	Approved As Noted	09/25/2019	10/02/2019	10/04/2019		
W01 - Supervision and Field Office	W01-1	1	Kings Point - Turnover Book - Civil Table of Contents		Open	Mortenson - Civil Group	05/20/2020					Tony Iglesias Ramirez (Mortenson - Wind Energy)	Logan Bell (Solas Energy Consulting) Matt Pellinen (Solas Energy Consulting)	Approved Approved	05/30/2020 05/30/2020	06/16/2020 06/19/2020	05/20/2020 05/20/2020		
W01 - Supervision and Field Office	W01-1	0	Kings Point - Turnover Book - Civil Table of Contents		Open	Mortenson - Civil Group	05/20/2020					Logan Bell (Solas Energy Consulting)	Logan Bell (Solas Energy Consulting) Matt Pellinen (Solas Energy Consulting)	Pending Approved As Noted	05/06/2020	05/21/2020	05/20/2020 05/20/2020		

**Exhibit F – Cost Issue Log**

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

PUBLIC VERSION

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

PUBLIC VERSION

**Exhibit G – Permit Matrix**



Kings Point Wind, LLC - Permit Matrix							
Item	Agency	Permit / Approval	Description	Responsibility	Status	Notes	Uploaded in Procore
<b>FEDERAL PERMITS</b>							
1a	Federal Energy Regulatory Commission (FERC)	Large Generator Interconnection Agreement (LGIA) or interim LGIA	Must be filled out for any generating facility having a capacity of more than 20 MW.	Owner	Complete		1. LGIA Report
1b		Market-Based Rate Authority and Tariff		Owner	Complete	2/17 - Liberty will file a week before the 60 days prior to test energy 7/10 - Uploaded FERC Affiliate Waiver	1. FERC Affiliate Waiver
1c		EPA Sec 204 Authority		Owner	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	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	In Progress	2/7 - property owner needs to complete the process; in progress 5/2 - possibly not applicable for Kings Point <b>6/3 Becky - Action Item: Becky to respond on Procore stating this is not applicable to Kings Point</b>	
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	In Progress	2/7 - property owner needs to complete the process; in progress 5/2 - possibly not applicable for Kings Point <b>6/3 Becky - Action Item: Becky to respond on Procore stating this is not applicable to Kings Point</b>	
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	12/10 - We have: 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 <b>7/10 - Environmental Compliance is completed</b>	
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 will be working under the TAL during construction.	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	1. USACE Letter
8a	Federal Aviation Administration (FAA)	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	– Central Region Office	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 2/7 - Liberty needs additional info from Scott Rowland;	
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	3/12 - Open RFI discussing 5/2 - Liberty working on submittal 6/3 - Permit uploaded in Procore	1. Flood Plain Permit
STATE PERMITS							
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	In Progress	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	
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	Department of Transportation	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>(3)</sup>	Complete	5/2 - ROW Agreement uploaded on Procore 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 Procore	
15c		Utility Permits - Collection	Applies to all collection lines that enter the state right-of-way	Owner and Contractor <sup>(4)</sup>	In Progress	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	
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	

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		
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		
LOCAL PERMITS								
17a	Barton, Jasper, Dade, Lawrence County [Kings Point Site]	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>	In Progress	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		
17d		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>	In Progress	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		
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			In Progress	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 D-1 and D-2 to the MoDot Road Use Agreement set forth in Appendix 2, 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, crest/dip, intersection and structure improvements, except that Owner shall post any required security for all MoDot permits.

(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 for obtaining any permit that is not identified above if such permit is a type that is normally provided by the Contractor or Owner in wind projects. In the event that an Owner provided permit is determined by the Owner to not be required for construction of the facility, the Owner has no obligation to obtain such a permit.

**Exhibit H – Safety Reports**



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**Project Details at Time of Incident**

<b>Event Type</b>	Incident	<b>Event Number</b>	EV2020222947
<b>Event Subtype</b>	Injury	<b>Brief Description</b>	HL 1 Team member began to feel numbness in their arms and felt light headed due to the heat.
<b>Diamond Event</b>	No	<b>Project Manager</b>	Leighow, Anthony James (Tony)
<b>Project Number</b>	19148020	<b>Project Superintendent</b>	Brendt, Kelly
<b>Project Name</b>	Kings Point (Wind)	<b>Area/Assistant Superintendent</b>	
<b>Address Line 1</b>	8500 Base Line Road	<b>Address City, State Postal Code</b>	Golden City, MO 64748
<b>Address Line 2</b>			
<b>General Foreman/Foreman</b>	Brooks, Morris		
<b>Date Occurred (MM/DD/YYYY)</b>	06/03/2020	<b>Time Occurred (HH:MM)</b>	09:56 AM
<b>Event Reported By</b>	Mortenson	<b>Name</b>	
<b>Work Being Performed By</b>	Mortenson	<b>Name</b>	
<b>Location of Incident</b>	T-29		
<b>Environmental Conditions at the time of the Incident</b>			
Temperature 33 - 85 deg. F.			

**Injured Persons**

**Injured Person Detail for**

<b>Employed By</b>	Mortenson	<b>Name</b>	
<b>Injury Severity</b>	First Aid On Site		
<b>Description of unsafe conditions</b>			
<b>Unsafe Conditions Include</b>			
<b>Treatment Status</b>	Treated on site		
<b>Facility Type</b>		<b>Facility Name</b>	
<b>Person Was Wearing</b>	Hardhat, Hi-Vis Vest, Boots, Safety Glasses, Gloves		
<b>Person Was Wearing Other Description</b>			
<b>Description of Task</b>	Pulling dewatering hose.	<b>Division of Work</b>	02 - Site Construction
		<b>Subdivision of Work</b>	02000 - Site Construction
<b>Injuries</b>			
<b>Injury Type</b>	Heat Exhaustion or Heat Stroke	<b>General Body Part</b>	Head
<b>Treatment Date</b>	6/3/2020 12:00:00 AM	<b>Specific Body Part</b>	Multiple Head
<b>Activity</b>	Exposure	<b>Cause</b>	Miscellaneous Causes - Other
<b>Description Of Restrictions</b> NA			
<b>Injury/Illness</b>	Illness	<b>Drug Testing Completed</b>	No
		<b>No Drug Testing Explanation</b>	NA

**Unsafe Conditions, Hazards, or Exposures**

There are currently no Unsafe Conditions, Hazards, or Exposures for this event.

**Attachments**

Attachment
<a href="#">Employee Statement.pdf</a>

**Immediate Corrective Actions Taken**

<b>Immediate Corrective Action Taken</b>	Stop work, Drink water, remove team member from the heat to cool them down. Also give the team member additional electrolytes.		
<b>Taken By</b>	Mortenson	<b>Name</b>	Brooks, Morris
<b>Date Completed</b>	06/03/2020		

**Links**

There are currently no Links for this event.

**Witnesses**

There are currently no Witnesses for this event.

**Preventive Actions Taken**

**Preventive Action Taken** Talk to all crews about drinking water and proper hydration.  
**Taken By** Mortenson **Name** Brendt, Kelly  
**Date Due** 06/04/2020 **Date Completed** 06/04/2020

**Impacts** 

**Mortenson Total Labor (Hours)** Less than 4 hours  
**Mortenson Material Cost (Dollars)** No Cost Impact  
**Mortenson Impact to a Task/Activity** No Impact to Schedule  
**Subcontractor Labor (Hours)** No Labor Impact  
**Subcontractor Material Cost (Dollars)** No Cost Impact  
**Subcontractor Task/Activity (Days)** No Impact to Schedule  
**Customer Cost (Dollars)** No Cost Impact  
**Customer Project Schedule (Days)** No Impact to Schedule  
**Customer Relations Impact** No Impact (Customer is not concerned.)  
**Other Impacts**

**Key Contributing Factors** 

**Event was related to unplanned work or rework:** No  
**Worker(s) has appropriate qualification/certification:** Yes  
**Appropriate permits in place at the time of the event:** Yes  
**Hours Completed day of incident:** 3 **Hours Completed week of incident:**  
**Process Contributing Factors:**  
**Design Engineering Deficiency Factors:**  
**Material Deficiency Factors:**  
**Other External Factors:** Not applicable  
**Additional Information:**

**Equipment/Tools In Use**

**There are currently no Equipment/Tools for this event.**

**Materials In Use**

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

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Investigation closed by Grigoryev, Andrey Yuriy on 6/4/2020 8:52:22 AM

Mortenson Proprietary



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Project Details at Time of Incident

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<b>Event Type</b>	Incident	<b>Event Number</b>	EV2020222938
<b>Event Subtype</b>	Injury	<b>Brief Description</b>	Subcontractor reported symptoms of heat illness.
<b>Diamond Event</b>	No	<b>Project Manager</b>	
<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>	Laughter, Edward		
<b>Date Occurred (MM/DD/YYYY)</b>	06/03/2020	<b>Time Occurred (HH:MM)</b>	05:50 PM
<b>Event Reported By</b>	Subcontractor	<b>Name</b>	
<b>Is a Prime Subcontractor? (Project has a contract with this sub)</b>	Yes	<b>Company Info</b>	
		<b>Company Name</b>	BARRETT PUMPING
		<b>Phone</b>	
		<b>Title</b>	
<b>Work Being Performed By</b>	Subcontractor	<b>Name</b>	
<b>Is a Prime Subcontractor? (Project has a contract with this sub)</b>	Yes	<b>Company Info</b>	
		<b>Company Name</b>	BARRETT PUMPING
		<b>Phone</b>	
		<b>Title</b>	
<b>Location of Incident</b>	T91		
<b>Environmental Conditions at the time of the Incident</b>	Temperature above 85 deg. F., Clear Sky		

Injured Persons

[Edit](#)

Injured Person Detail for

<b>Employed By</b>	Subcontractor	<b>Name</b>	
<b>Is a Prime Subcontractor? (Project has a contract with this sub)</b>	Yes	<b>Company Info</b>	
		<b>Company Name</b>	BARRETT PUMPING
		<b>Phone</b>	
		<b>Title</b>	

<b>Injury Severity</b>	First Aid On Site		
<b>Description of unsafe conditions</b>			
<b>Unsafe Conditions Include</b>			
<b>Treatment Status</b>	Treated on site		
<b>Facility Type</b>		<b>Facility Name</b>	
<b>Person Was Wearing</b>	Hardhat, Hi-Vis Vest, Boots, Safety Glasses, Gloves		
<b>Person Was Wearing Other Description</b>			
<b>Description of Task</b>	Telebelt Operator. Operator poured one pedestal, one base, one mud mat on the day of the incident.	<b>Division of Work</b>	91 - Wind Uni-Format
		<b>Subdivision of Work</b>	91707 - Foundations

Injuries

<b>Injury Type</b>	Heat Exhaustion or Heat Stroke	<b>General Body Part</b>	Head	<b>Specific Body Part</b>	Multiple Head
<b>Treatment Date</b>	6/3/2020 12:00:00 AM				
<b>Activity</b>		<b>Cause</b>		<b>Other Injury (Not Listed)</b>	Operator felt light headed and dizzy.
<b>Description Of Restrictions</b>					
<b>Injury/Illness</b>	Illness	<b>Drug Testing Completed</b>	No	<b>No Drug Testing Explanation</b>	TM did not require further medical treatment.

Unsafe Conditions, Hazards, or Exposures

[Edit](#)

Description of unsafe conditions

Unsafe Conditions Include Hot Temperature

Attachments [Edit](#) 

There are currently no Attachments for this event.

Immediate Corrective Actions Taken [Edit](#) 

Immediate Corrective Action Taken TM reported to medic, given fluids and cooled down in A/C.

Taken By Subcontractor Name , Jeremy

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

Date Completed 06/03/2020

Links [Edit](#) 

There are currently no Links for this event.

Witnesses [Edit](#) 

There are currently no Witnesses for this event.

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Initial Report saved as draft by Williams, Erik Alexander (Erik) on 6/3/2020 8:09:13 PM

Mortenson Proprietary





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Project Details at Time of Incident

<b>Event Type</b>	Incident	<b>Event Number</b>	EV2020223569
<b>Event Subtype</b>	Unplanned Disruption (Service, Use or Schedule)	<b>Brief Description</b>	Private water line struck while plowing cable.
<b>Diamond Event</b>	No	<b>Project Manager</b>	Schueller, Jacob L
<b>Project Number</b>	19146023	<b>Project Superintendent</b>	
<b>Project Name</b>	Kings Point Wind - HVT	<b>Area/Assistant Superintendent</b>	
<b>Address Line 1</b>	850 Base Line Rd	<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>	06/03/2020	<b>Time Occurred (HH:MM)</b>	10:30 AM
<b>Event Reported By</b>	Subcontractor	<b>Name</b>	
<b>Is a Prime Subcontractor? (Project has a contract with this sub)</b>	Yes	<b>Company Info</b>	
		<b>Company Name</b>	SpiderPlow
		<b>Phone</b>	
		<b>Title</b>	
<b>Work Being Performed By</b>	Subcontractor	<b>Name</b>	
<b>Is a Prime Subcontractor? (Project has a contract with this sub)</b>	Yes	<b>Company Info</b>	
		<b>Company Name</b>	SpiderPlow
		<b>Phone</b>	
		<b>Title</b>	
<b>Location of Incident</b>	Near T-34		
<b>Environmental Conditions at the time of the Incident</b>	Temperature above 85 deg. F., Clear Sky		

Disruptions

Disruption Affected	Disruption Type(s)	Disruption Description
Mort	Use	Private water line struck.

Unsafe Conditions, Hazards, or Exposures

Description of unsafe conditions

Unsafe Conditions Include Water

Attachments

There are currently no Attachments for this event.

Immediate Corrective Actions Taken

Immediate Corrective Action Taken Partial fix, contacted landowner to shut off the water to make proper repairs. Will be repaired on Wednesday 6.17.20.

**Taken By** Subcontractor **Name**  
**Is a Prime Subcontractor? (Project has a contract with this sub)** Yes **Company Info**  
**Company Name** SpiderPlow  
**Phone**  
**Title**

**Date Completed** 06/15/2020

Links

There are currently no Links for this event.

Witnesses

First Name	Last Name	Employed By	Company Name	Title	Phone
		Subcontractor	SpiderPlow		

Preventive Actions Taken

Preventive Action Taken Notify proper chain of command regarding possible private unmarked water lines.

**Taken By** Subcontractor **Name**  
**Is a Prime Subcontractor? (Project has a contract with this sub)** Yes **Company Info**  
**Company Name** SpiderPlow  
**Phone**  
**Title**

**Date Due** 06/03/2020 **Date Completed** 06/03/2020

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 No Impact (Customer is not concerned.)  
Other Impacts

**Key Contributing Factors** 

Event was related to unplanned work or rework: Yes  
Worker(s) has appropriate qualification/certification: Yes  
Appropriate permits in place at the time of the event: Yes  
Hours Completed day of incident: 3 Hours Completed week of incident: 18  
Process Contributing Factors:  
Design Engineering Deficiency Factors:  
Material Deficiency Factors: Not applicable  
Other External Factors:  
Additional Information:

**Equipment/Tools In Use**

There are currently no Equipment/Tools for this event.

**Materials In Use**

There are currently no Materials for this event.

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#### Manage

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#### Project Details at Time of Incident

[Edit](#)

<b>Event Type</b>	Incident	<b>Event Number</b>	EV2020223164
<b>Event Subtype</b>	Injury	<b>Brief Description</b>	HL 1 Subcontractor cut finger while handling compaction testing rod.
<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>	Laughter, Edward		
<b>Date Occurred (MM/DD/YYYY)</b>	06/08/2020	<b>Time Occurred (HH:MM)</b>	10:00 AM
<b>Event Reported By</b>	Subcontractor	<b>Name</b>	
<b>Is a Prime Subcontractor? (Project has a contract with this sub)</b>	Yes	<b>Company Info</b>	
		<b>Company Name</b>	TEAM SERVICES INC
		<b>Phone</b>	
		<b>Title</b>	
<b>Work Being Performed By</b>	Subcontractor	<b>Name</b>	
<b>Is a Prime Subcontractor? (Project has a contract with this sub)</b>	Yes	<b>Company Info</b>	
		<b>Company Name</b>	TEAM SERVICES INC
		<b>Phone</b>	
		<b>Title</b>	
<b>Location of Incident</b>	Substation		
<b>Environmental Conditions at the time of the Incident</b>	Temperature 33 - 85 deg. F., Clear Sky		

#### Injured Persons

[Edit](#)

##### Injured Person Detail for

<b>Employed By</b>	Subcontractor	<b>Name</b>	
<b>Is a Prime Subcontractor? (Project has a contract with this sub)</b>	Yes	<b>Company Info</b>	
		<b>Company Name</b>	TEAM SERVICES INC
		<b>Phone</b>	
		<b>Title</b>	

<b>Injury Severity</b>	First Aid On Site			
<b>Description of unsafe conditions</b>				
<b>Unsafe Conditions Include</b>				
<b>Treatment Status</b>	Treated on site			
<b>Facility Type</b>		<b>Facility Name</b>		
<b>Person Was Wearing</b>	Hardhat, Hi-Vis Vest, Boots, Safety Glasses			
<b>Person Was Wearing Other</b>				
<b>Description of Task</b>	Compaction Testing.	<b>Division of Work</b>	91 - Wind Uni-Format	<b>Subdivision of Work</b> 91H25 - Substation

#### Injuries

<b>Injury Type</b>	Cut/Scrape/Laceration	<b>General Body Part</b>	Arm/Hand	<b>Specific Body Part</b>	Right Fingers
<b>Treatment Date</b>	6/8/2020 12:00:00 AM			<b>Other Injury (Not Listed)</b>	Small cut on right hand thumb.
<b>Activity</b>			<b>Cause</b>		
<b>Description Of Restrictions</b>					
<b>Injury/Illness</b>	Injury	<b>Drug Testing Completed</b>	No	<b>No Drug Testing Explanation</b>	Did not require further medical treatment.




#### Unsafe Conditions, Hazards, or Exposures

[Edit](#)

<b>Description of unsafe conditions</b>	TM not wearing gloves.
<b>Unsafe Conditions Include</b>	Hand Tools/Small Tools, Accountability For Safety Policy/Procedure Violation

#### Attachments

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Attachment	
<a href="#">Justin Statement.pdf</a>	
<b>Immediate Corrective Actions Taken</b> <span style="float: right;"><a href="#">Edit</a> </span>	
<b>Immediate Corrective Action Taken</b>	Refresher on required PPE.
<b>Taken By</b>	Mortenson <b>Name</b> Williams, Erik
<b>Date Completed</b>	06/08/2020
<b>Links</b> <span style="float: right;"><a href="#">Edit</a> </span>	
There are currently no Links for this event.	
<b>Witnesses</b> <span style="float: right;"><a href="#">Edit</a> </span>	
There are currently no Witnesses for this event.	
<a href="#">Return To Home/Search</a> <a href="#">Submit Initial Report</a>	
<a href="#">Document History</a> Initial Report saved as draft by Williams, Erik Alexander (Erik) on 6/8/2020 12:33:39 PM	

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Investigation Report

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Project Details at Time of Incident

<b>Event Type</b>	Incident	<b>Event Number</b>	EV2020223169
<b>Event Subtype</b>	Property Damage	<b>Brief Description</b>	Operator was trying to walk the rebar cage when wire/cage became snagged on the mat. Tag line TM could not catch the cage causing it to swing back on operators upper window damaging glass and light.
<b>Diamond Event</b>	No	<b>Project Manager</b>	Schueller, Jacob L
<b>Project Number</b>	19146023	<b>Project Superintendent</b>	Walker, Jeffrey
<b>Project Name</b>	Kings Point Wind - HVT	<b>Area/Assistant Superintendent</b>	
<b>Address Line 1</b>	850 Base Line Rd	<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>	06/08/2020	<b>Time Occurred (HH:MM)</b>	09:30 AM
<b>Event Reported By</b>	Mortenson	<b>Name</b>	Mantler, Tyler
<b>Work Being Performed By</b>	Subcontractor	<b>Name</b>	Warren, Josh
<b>Is a Prime Subcontractor? (Project has a contract with this sub)</b>	Yes	<b>Company Info</b>	
		<b>Company Name</b>	ASB ENERGY SERVICES LLC
		<b>Phone</b>	.
		<b>Title</b>	Operator
<b>Location of Incident</b>	T-71		
<b>Environmental Conditions at the time of the Incident</b>	Temperature above 85 deg. F., Clear Sky, Calm/Little or No Wind		

Property Damage

<b>Property Damage Type</b>	Equipment	<b>PropertyDamageSubType</b>	Forklift
<b>Ownership Type</b>	Rented/Leased	<b>OwningLeasingParty</b>	Subcontractor/Other
<b>Company Name</b>	ASB	<b>Telephone Number</b>	.
<b>Damage Description</b>	Upper window cracked and light broken.	<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

**Description of unsafe conditions**

**Unsafe Conditions Include** Forklift, Rebar & Rebar Caps, Struck By/Against, Property Damage

Attachments

Attachment
<a href="#">6.8.2020 Forklift Incident 1.jpg</a>
<a href="#">6.8.2020 Forklift Incident 2.jpg</a>
<a href="#">6.8.2020 Forklift Incident 3.jpg</a>

Immediate Corrective Actions Taken

**Immediate Corrective Action Taken** Stopped work and assessed situation. Use a loader strap when making picking a re-bar cage to ensure a smooth transition when lifting it.

**Taken By** Subcontractor **Name** Warren, Josh

**Is a Prime Subcontractor? (Project has a contract with this sub)** Yes **Company Info**

**Company Name** ASB ENERGY SERVICES LLC

**Phone** .

**Title** Operator

**Date Completed** 06/08/2020

Links

There are currently no Links for this event.

Witnesses

First Name	Last Name	Employed By	Company Name	Title	Phone
Tyler	Mantler	Mortenson		Salaried.Engineering Intern.	
Carol	Svare	Mortenson		Salaried.Electrical Engineer I.	

Preventive Actions Taken

There are currently no Preventive Actions Taken for this event.

Impacts

There are currently no Impacts for this event.

Subcontractor Task/Activity (Days)

Customer Project Schedule (Days)

Key Contributing Factors 

There are currently no Key Contributing Factors for this event.

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**Closed Report**

**Initial Investigation**  **Closed**

**Project Details at Time of Incident**

<b>Event Type</b>	Incident	<b>Event Number</b>	EV2020223379
<b>Event Subtype</b>	Property Damage	<b>Brief Description</b>	When forklift attempted to merge back onto roadway, loose shoulder gave way causing forklift's passenger side to lay over on its side.
<b>Diamond Event</b>	No	<b>Project Manager</b>	Schueler, Jacob
<b>Project Number</b>	19146023	<b>Project Superintendent</b>	
<b>Project Name</b>	Kings Point Wind - HVT	<b>Area/Assistant Superintendent</b>	
<b>Address Line 1</b>	850 Base Line Rd	<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>	06/10/2020	<b>Time Occurred (HH:MM)</b>	04:02 PM
<b>Event Reported By</b>	Subcontractor	<b>Name</b>	Bolin, Emily
<b>Is a Prime Subcontractor? (Project has a contract with this sub)</b>	Yes	<b>Company Info</b>	
		<b>Company Name</b>	ASB ENERGY SERVICES LLC
		<b>Phone</b>	
		<b>Title</b>	QC/SAFETY
<b>Work Being Performed By</b>	Subcontractor	<b>Name</b>	Hernandez, David
<b>Is a Prime Subcontractor? (Project has a contract with this sub)</b>	Yes	<b>Company Info</b>	
		<b>Company Name</b>	ASB ENERGY SERVICES LLC
		<b>Phone</b>	
		<b>Title</b>	Operator
<b>Location of Incident</b>	County Road NN		
<b>Environmental Conditions at the time of the Incident</b>	Temperature above 85 deg. F., Clear Sky		

**Property Damage**

<b>Property Damage Type</b>	Equipment	<b>PropertyDamageSubType</b>	Forklift
<b>Ownership Type</b>	Rented/Leased	<b>OwningLeasingParty</b>	Subcontractor/Other
<b>Company Name</b>	ASB Energy Services	<b>Telephone Number</b>	
<b>Damage Description</b>	Passenger side of Forklift damaged	<b>Damage Cause</b>	Drop/Impact/Collision
<b>Property Damage Estimated Value</b>	\$1 - \$5,000	<b>Damage Final Value</b>	\$50.00
<b>Drug Testing Completed</b>	No	<b>No Drug Testing Completed Explanation</b>	Subcontractor

**Unsafe Conditions, Hazards, or Exposures**

**Description of unsafe conditions**

**Unsafe Conditions Include** Heavy Machinery Including Forklifts, Vehicles, Property Damage

**Attachments**

There are currently no Attachments for this event.

**Immediate Corrective Actions Taken**

**Immediate Corrective Action Taken** Secured the scene and ensured operator was safe and out of harms way to conduct investigation.

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

**Date Completed** 06/10/2020

**Links**

There are currently no Links for this event.

**Witnesses**

First Name	Last Name	Employed By	Company Name	Title	Phone
Emily	Bolin	Subcontractor	ASB ENERGY SERVICES LLC	QC/SAFETY	
David	Hernandez	Subcontractor	ASB ENERGY SERVICES LLC	Operator	

**Preventive Actions Taken**

**Preventive Action Taken** Vehicle/Equipment will reman on legal lane travel on hard compacted, asphalt, concrete. Routes predetermined and mapped out. Two escort vehicles will be used in front and back of equipment. If intersections are being approached the lead escort is to pull ahead to warn intersecting traffic of convoy.

**Taken By** Subcontractor **Name**

**Is a Prime Subcontractor? (Project has a contract with this sub)** Yes **Company Info**

**Company Name** ASB ENERGY SERVICES LLC

**Phone**

<b>Date Due</b>	06/10/2020	<b>Title</b>		<b>Date Completed</b>	06/11/2020
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**Impacts** ■

<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>	Less than 4 hours
<b>Subcontractor Material Cost (Dollars)</b>	
<b>Subcontractor Task/Activity (Days)</b>	
<b>Customer Cost (Dollars)</b>	No Cost Impact
<b>Customer Project Schedule (Days)</b>	No Impact to Schedule
<b>Customer Relations Impact</b>	Minor Impact (Customer has concerns, but no consequences are expected.)
<b>Other Impacts</b>	

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**Key Contributing Factors** ■

<b>Event was related to unplanned work or rework:</b>	Yes
<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> 9	<b>Hours Completed week of incident:</b> 33
<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>	Forklift at the rebar yard broke down. Moved second forklift from the substation to their rebar yard.

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**Equipment/Tools In Use**

Equipment/Tool Type	Type/Make/Model/Description	Equipment/Tool
Construction Heavy Equipment		Forklift

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**Materials In Use**

There are currently no Materials for this event.

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**Project Details at Time of Incident**

<b>Event Type</b>	Incident	<b>Event Number</b>	EV2020223567
<b>Event Subtype</b>	Unplanned Disruption (Service, Use or Schedule)	<b>Brief Description</b>	While drilling for a bore installation, crew struck improperly marked waterline approx. 6ft from where it should have been.
<b>Diamond Event</b>	No	<b>Project Manager</b>	Schueler, Jacob
<b>Project Number</b>	19146023	<b>Project Superintendent</b>	
<b>Project Name</b>	Kings Point Wind - HVT	<b>Area/Assistant Superintendent</b>	
<b>Address Line 1</b>	850 Base Line Rd	<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>	06/15/2020	<b>Time Occurred (HH:MM)</b>	12:00 PM
<b>Event Reported By</b>	Subcontractor	<b>Name</b>	
<b>Is a Prime Subcontractor? (Project has a contract with this sub)</b>	Yes	<b>Company Info</b>	
		<b>Company Name</b>	ELLINGSON COMPANIES
		<b>Phone</b>	
		<b>Title</b>	
<b>Work Being Performed By</b>	Subcontractor	<b>Name</b>	
<b>Is a Prime Subcontractor? (Project has a contract with this sub)</b>	Yes	<b>Company Info</b>	
		<b>Company Name</b>	ELLINGSON COMPANIES
		<b>Phone</b>	
		<b>Title</b>	
<b>Location of Incident</b>	B 13 B-5		
<b>Environmental Conditions at the time of the Incident</b>	Temperature above 85 deg. F., Clear Sky		

**Disruptions**

Disruption Affected	Disruption Type(s)	Disruption Description
Mort	Use	Unmarked waterline

**Unsafe Conditions, Hazards, or Exposures**

**Description of unsafe conditions**  
**Unsafe Conditions Include** Water

**Attachments**

There are currently no Attachments for this event.

**Immediate Corrective Actions Taken**

**Immediate Corrective Action Taken** Contacted utility, which fixed incident same day.

**Taken By** Subcontractor **Name**

**Is a Prime Subcontractor? (Project has a contract with this sub)** Yes **Company Info**

**Company Name** ELLINGSON COMPANIES

**Phone**

**Title**

**Date Completed** 06/15/2020

**Links**

There are currently no Links for this event.

**Witnesses**

First Name	Last Name	Employed By	Company Name	Title	Phone
Tyler	Mantler	Mortenson		Salaried.Engineering Intern.	

**Preventive Actions Taken**

**Preventive Action Taken** Ensure that water lines are properly marked before digging.

**Taken By** Subcontractor **Name**

**Is a Prime Subcontractor? (Project has a contract with this sub)** Yes **Company Info**

**Company Name** ELLINGSON COMPANIES

**Phone**

**Title**

**Date Due** 06/15/2020 **Date Completed** 06/15/2020

**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	No Impact (Customer is not concerned.)
Other Impacts	

**Key Contributing Factors**

Event was related to unplanned work or rework:	Yes	
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:		
Design Engineering Deficiency Factors:		
Material Deficiency Factors:	Not applicable	
Other External Factors:		
Additional Information:		

**Equipment/Tools In Use**

There are currently no Equipment/Tools for this event.

**Materials In Use**

There are currently no Materials for this event.

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**Project Details at Time of Incident**

<b>Event Type</b>	Incident	<b>Event Number</b>	EV2020224109	
<b>Event Subtype</b>	Injury	<b>Brief Description</b>	Trade partner was transporting spoil material to the quarry as they veered off the road and rolled the Ten Wheel End Dump. Trade partner was severely injured and transported to the hospital. Incident did not occur in the work environment.	
<b>Diamond Event</b>	No	<b>Project Manager</b>	Leighow, Anthony James (Tony)	
<b>Project Number</b>	19148020	<b>Project Superintendent</b>	Brendt, Kelly	
<b>Project Name</b>	Kings Point (Wind)	<b>Area/Assistant Superintendent</b>		
<b>Address Line 1</b>	8500 Base Line Road	<b>Address City, State Postal Code</b>	Golden City, MO 64748	
<b>Address Line 2</b>				
<b>General Foreman/Foreman</b>	Morgan, Gary			
<b>Date Occurred (MM/DD/YYYY)</b>	06/16/2020	<b>Time Occurred (HH:MM)</b>	03:35 PM	
<b>Event Reported By</b>	Other	<b>Name</b>	NA, NA	
		<b>Company Info</b>		
		<b>Company Name</b>	NA	
		<b>Phone</b>	NA	
		<b>Title</b>	Local	
<b>Work Being Performed By</b>	Subcontractor	<b>Name</b>		
<b>Is a Prime Subcontractor? (Project has a contract with this sub)</b>	No	<b>Company Info</b>		
		<b>Company Name</b>	Mid Central	
		<b>Phone</b>		
		<b>Title</b>	Driver	
		<b>Prime Company Name</b>	Mid Central	
<b>Location of Incident</b>	Hwy C			
<b>Environmental Conditions at the time of the Incident</b>	Temperature 33 - 85 deg. F., Clear Sky			

**Injured Persons**

**Injured Person Detail for**

<b>Employed By</b>	No Construction Related Work was in Progress	<b>Name</b>			
		<b>Company Info</b>			
		<b>Company Name</b>	Mid Central		
		<b>Phone</b>			
		<b>Title</b>	Driver		
<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 Name</b>	Mercy Hospital		
<b>Facility Type</b>	Hospital				
<b>Person Was Wearing</b>	Boots				
<b>Person Was Wearing Other</b>					
<b>Description of Task</b>	Driving to quarry	<b>Division of Work</b>	<b>Subdivision of Work</b>		
<b>Injuries</b>					
<b>Injury Type</b>	Multiple Injuries	<b>General Body Part</b>	Head	<b>Specific Body Part</b>	Neck
<b>Treatment Date</b>	6/16/2020 12:00:00 AM	<b>Cause</b>	Motor Vehicle – Miscellaneous	<b>Other Injury (Not Listed)</b>	Injury to the neck, spine, and ribs.
<b>Activity</b>	Driving	<b>Drug Testing Completed</b>	Yes		
<b>Description Of Restrictions</b>					
<b>Injury/Illness</b>	Injury				

**Unsafe Conditions, Hazards, or Exposures**

There are currently no Unsafe Conditions, Hazards, or Exposures for this event.

**Attachments**

Attachment
<a href="#">Truck Picture 1.jpg</a>

**Immediate Corrective Actions Taken**

**Immediate Corrective Action Taken** Contact local emergency response

**Taken By** Subcontractor **Name** , Local

**Is a Prime Subcontractor? (Project has a contract with this sub)** No



**Company Info**  
**Company Name** NA  
**Phone** NA  
**Title** NA  
**Prime Company Name** NA

**Date Completed** 06/16/2020

**Links** 

There are currently no Links for this event.

**Witnesses** 

First Name	Last Name	Employed By	Company Name	Title	Phone
John	Gagliardo	Subcontractor	Mid Central	Flagger	620-687-3570 
Troy	Goudelk	Subcontractor	Mid Central	Flagger	620-249-7900 

**Preventive Actions Taken** 

**Preventive Action Taken** Stand down with all subcontractors involved with driving operations and road work – verbal trucker training to discuss safe operation and driving techniques

**Taken By** Mortenson **Name** Grigoryev, Andrey

**Date Due** 06/17/2020 **Date Completed** 06/17/2020

**Preventive Action Taken** Stand down with all Mortenson team members and all subcontractors – top driver training conducted relevant to all drivers, review of Mortenson's Zero Injury Box

**Taken By** Mortenson **Name** Grigoryev, Andrey

**Date Due** 06/18/2020 **Date Completed** 06/18/2020

**Preventive Action Taken** Meeting with Mid-Central leadership regarding ensuring that their drivers attend the Mortenson Trucking and Transportation orientation

**Taken By** Mortenson **Name** Grigoryev, Andrey

**Date Due** 06/18/2020 **Date Completed** 06/18/2020

**Impacts** 

**Mortenson Total Labor (Hours)** Less than 4 hours  
**Mortenson Material Cost (Dollars)** No Cost Impact  
**Mortenson Impact to a Task/Activity** No Impact to Schedule  
**Subcontractor Labor (Hours)** 8 to 40 hours  
**Subcontractor Material Cost (Dollars)** \$50,001 - \$100,000  
**Subcontractor Task/Activity (Days)** No Impact to Schedule  
**Customer Cost (Dollars)** No Cost Impact  
**Customer Project Schedule (Days)** No Impact to Schedule  
**Customer Relations Impact** Minor Impact (Customer has concerns, but no consequences are expected.)  
**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:** 8 **Hours Completed week of incident:**

**Process Contributing Factors:**  
**Design Engineering Deficiency Factors:**  
**Material Deficiency Factors:** Not applicable  
**Other External Factors:**  
**Additional Information:**

**Equipment/Tools In Use**

Equipment/Tool Type	Type/Make/Model/Description	Equipment/Tool
Car/Truck	1994 Peterbilt Dumptruck	Semi Tractor Trailer

**Materials In Use**

There are currently no Materials for this event.

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Mortenson Proprietary



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**Project Details at Time of Incident**

<b>Event Type</b>	Incident	<b>Event Number</b>	EV2020224281
<b>Event Subtype</b>	Unplanned Disruption (Service, Use or Schedule)	<b>Brief Description</b>	While plowing, crew hit a private water line that was not in use.
<b>Diamond Event</b>	No	<b>Project Manager</b>	Schueller, Jacob L
<b>Project Number</b>	19146023	<b>Project Superintendent</b>	
<b>Project Name</b>	Kings Point Wind - HVT	<b>Area/Assistant Superintendent</b>	
<b>Address Line 1</b>	850 Base Line Rd	<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>	06/24/2020	<b>Time Occurred (HH:MM)</b>	07:30 PM
<b>Event Reported By</b>	Subcontractor	<b>Name</b>	
<b>Is a Prime Subcontractor? (Project has a contract with this sub)</b>	Yes	<b>Company Info</b>	
		<b>Company Name</b>	SpiderPlow
		<b>Phone</b>	
		<b>Title</b>	
<b>Work Being Performed By</b>	Subcontractor	<b>Name</b>	
<b>Is a Prime Subcontractor? (Project has a contract with this sub)</b>	Yes	<b>Company Info</b>	
		<b>Company Name</b>	SpiderPlow
		<b>Phone</b>	
		<b>Title</b>	
<b>Location of Incident</b>	SP 13A-6		
<b>Environmental Conditions at the time of the Incident</b>	Temperature above 85 deg. F., Clear Sky		

**Disruptions**

Disruption Affected	Disruption Type(s)	Disruption Description
Mort	Schedule	Water line struck by plow.

**Unsafe Conditions, Hazards, or Exposures**

**Description of unsafe conditions**  
**Unsafe Conditions Include** Struck By/Against, Water

**Attachments**

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

**Immediate Corrective Actions Taken**

**Immediate Corrective Action Taken** Notified the owner, Barton County, Project Engineer and Project Manager on site.

**Taken By** Subcontractor  
**Is a Prime Subcontractor? (Project has a contract with this sub)** Yes  
**Name**  
**Company Info**  
**Company Name** SpiderPlow  
**Phone**  
**Title**

**Date Completed** 06/24/2020

**Links**

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

**Witnesses**

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

**Preventive Actions Taken**

**Preventive Action Taken** Review the KMZ, discuss with the crew any possible private water lines and ensure crews are looking for any obstructions while plowing.

**Taken By** Subcontractor  
**Is a Prime Subcontractor? (Project has a contract with this sub)** Yes  
**Name**  
**Company Info**  
**Company Name** SpiderPlow  
**Phone**  
**Title**

**Date Due** 06/24/2020 **Date Completed** 06/24/2020

**Impacts**

**Mortenson Total Labor (Hours)** No Labor Impact





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**Project Details at Time of Incident**

<b>Event Type</b>	Incident	<b>Event Number</b>	EV2020224175
<b>Event Subtype</b>	Injury	<b>Brief Description</b>	HL 1 Team member had a reaction to poison ivy as they were retrieving steel culvert from the ditch.
<b>Diamond Event</b>	No	<b>Project Manager</b>	Leighow, Anthony James (Tony)
<b>Project Number</b>	19148020	<b>Project Superintendent</b>	
<b>Project Name</b>	Kings Point (Wind)	<b>Area/Assistant Superintendent</b>	Brendt, Kelly
<b>Address Line 1</b>	8500 Base Line Road	<b>Address City, State Postal Code</b>	Golden City, MO 64748
<b>Address Line 2</b>			
<b>General Foreman/Foreman</b>	Polley, Justin		
<b>Date Occurred (MM/DD/YYYY)</b>	06/23/2020	<b>Time Occurred (HH:MM)</b>	04:00 PM
<b>Event Reported By</b>	Mortenson	<b>Name</b>	Young, Sidney
<b>Work Being Performed By</b>	Mortenson	<b>Name</b>	Young, Sidney
<b>Location of Incident</b>	County Rd 19/ Baseline Rd.		
<b>Environmental Conditions at the time of the Incident</b>	Temperature 33 - 85 deg. F., Clear Sky		

**Injured Persons**

**Injured Person Detail for**

<b>Employed By</b>	Mortenson	<b>Name</b>	Young, Sidney
<b>Injury Severity</b>	Medical Only		
<b>Description of unsafe conditions</b>			
<b>Unsafe Conditions Include</b>			
<b>Treatment Status</b>	Took self to facility		
<b>Facility Type</b>	Local Facility	<b>Facility Name</b>	Freeman Health System
<b>Person Was Wearing</b>	Hardhat, Hi-Vis Vest, Boots, Safety Glasses, Gloves		
<b>Person Was Wearing Other</b>			
<b>Description of Task</b>	Removing culvert from ditch	<b>Division of Work</b>	02 - Site Construction
		<b>Subdivision of Work</b>	02000 - Site Construction

**Injuries**

<b>Injury Type</b>	Dermatitis/Rash	<b>General Body Part</b>	Leg/Foot	<b>Specific Body Part</b>	Left Foot
<b>Treatment Date</b>	6/26/2020 12:00:00 AM				
<b>Activity</b>	Exposure	<b>Cause</b>	Miscellaneous Causes - Other	<b>Other Injury (Not Listed)</b>	
<b>Description Of Restrictions</b>	NA				
<b>Injury/Illness</b>	Illness	<b>Drug Testing Completed</b>	No	<b>No Drug Testing Explanation</b>	NA

**Unsafe Conditions, Hazards, or Exposures**

There are currently no Unsafe Conditions, Hazards, or Exposures for this event.

**Attachments**

There are currently no Attachments for this event.

**Immediate Corrective Actions Taken**

<b>Immediate Corrective Action Taken</b>	Team member seen medic for evaluation				
<b>Taken By</b>	Mortenson	<b>Name</b>	Grigoryev, Andrey		
<b>Date Completed</b>	06/26/2020				
<b>Immediate Corrective Action Taken</b>	Had team member go to local clinic to have a doctor examine the poison ivy.				
<b>Taken By</b>	Mortenson	<b>Name</b>	Brendt, Kelly		
<b>Date Completed</b>	06/26/2020				
<b>Immediate Corrective Action Taken</b>	Doctor prescribed medication and administered steroid shot.				
<b>Taken By</b>	Other	<b>Name</b>	King, Curtis		
		<b>Company Info</b>			

Company Name Freeman Health System  
Phone  
Title Doctor

Date Completed 06/26/2020

Links

There are currently no Links for this event.

Witnesses

There are currently no Witnesses for this event.

Preventive Actions Taken

Preventive Action Taken Talk to team member about evaluating work area prior to performing work.

Taken By	Mortenson	Name	Grigoryev, Andrey
Date Due	06/26/2020	Date Completed	06/26/2020

Impacts

Mortenson Total Labor (Hours)	Less than 4 hours
Mortenson Material Cost (Dollars)	\$1 - \$5,000
Mortenson Impact to a Task/Activity	No Impact to Schedule
Subcontractor Labor (Hours)	No Labor Impact
Subcontractor Material Cost (Dollars)	No Cost Impact
Subcontractor Task/Activity (Days)	No Impact to Schedule
Customer Cost (Dollars)	No Cost Impact
Customer Project Schedule (Days)	No Impact to Schedule
Customer Relations Impact	Minor Impact (Customer has concerns, but no consequences are expected.)
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:	9	Hours Completed week of incident:	
Process Contributing Factors:			
Design Engineering Deficiency Factors:			
Material Deficiency Factors:	Not applicable		
Other External Factors:			
Additional Information:			

Equipment/Tools In Use

There are currently no Equipment/Tools for this event.

Materials In Use

There are currently no Materials for this event.

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## Closed Report

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Project Details at Time of Incident 

<b>Event Type</b>	Incident	<b>Event Number</b>	EV2020224208
<b>Event Subtype</b>	Property Damage	<b>Brief Description</b>	Operator was opening the windows before operating the equipment as one of the windows shattered.
<b>Diamond Event</b>	No	<b>Project Manager</b>	Leighow, Anthony James (Tony)
<b>Project Number</b>	19148020	<b>Project Superintendent</b>	
<b>Project Name</b>	Kings Point (Wind)	<b>Area/Assistant Superintendent</b>	Brendt, Kelly
<b>Address Line 1</b>	8500 Base Line Road	<b>Address City, State Postal Code</b>	Golden City, MO 64748
<b>Address Line 2</b>			
<b>General Foreman/Foreman</b>	Polley, Justin		
<b>Date Occurred (MM/DD/YYYY)</b>	06/27/2020	<b>Time Occurred (HH:MM)</b>	12:00 PM
<b>Event Reported By</b>	Mortenson	<b>Name</b>	Wilks, David
<b>Work Being Performed By</b>	Mortenson	<b>Name</b>	Wilks, David
<b>Location of Incident</b>	T-124		
<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>	Broken Side Window	<b>Damage Cause</b>	Miscellaneous/Unknown
<b>Property Damage Estimated Value</b>	\$1 - \$5,000	<b>Damage Final Value</b>	\$450.00
<b>Drug Testing Completed</b>	Yes		

Unsafe Conditions, Hazards, or Exposures 

## Description of unsafe conditions

**Unsafe Conditions Include** Property Damage

Attachments 

## Attachment

[Broken Window No.1.JPG](#)  
[Broken Window No.2.JPG](#)

Immediate Corrective Actions Taken 

<b>Immediate Corrective Action Taken</b>	Stop work, assess damages and clean up broken glass.		
<b>Taken By</b>	Mortenson	<b>Name</b>	Polley, Justin
<b>Date Completed</b>	06/27/2020		

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>	Talk to operator and crews about safe equipment handling		
<b>Taken By</b>	Mortenson	<b>Name</b>	Brendt, Kelly
<b>Date Due</b>	06/27/2020	<b>Date Completed</b>	06/27/2020

Impacts 

<b>Mortenson Total Labor (Hours)</b>	Less than 4 hours
<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
<b>Subcontractor Task/Activity (Days)</b>	No Impact to Schedule
<b>Customer Cost (Dollars)</b>	No Cost Impact
<b>Customer Project Schedule (Days)</b>	No Impact to Schedule
<b>Customer Relations Impact</b>	Minor Impact (Customer has concerns, but no consequences are expected.)

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

**Equipment/Tools In Use**

Equipment/Tool Type	Type/Make/Model/Description	Equipment/Tool
Construction Heavy Equipment		

**Materials In Use**

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

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**Project Details at Time of Incident**

<b>Event Type</b>	Incident	<b>Event Number</b>	EV2020224247
<b>Event Subtype</b>	Property Damage	<b>Brief Description</b>	Team member was hammering rock and a piece of rock broke off and breaking the bottom window on the excavator.
<b>Diamond Event</b>	No	<b>Project Manager</b>	Leighow, Anthony James (Tony)
<b>Project Number</b>	19148020	<b>Project Superintendent</b>	
<b>Project Name</b>	Kings Point (Wind)	<b>Area/Assistant Superintendent</b>	Brendt, Kelly
<b>Address Line 1</b>	8500 Base Line Road	<b>Address City, State Postal Code</b>	Golden City, MO 64748
<b>Address Line 2</b>			
<b>General Foreman/Foreman</b>	Polley, Justin		
<b>Date Occurred (MM/DD/YYYY)</b>	06/29/2020	<b>Time Occurred (HH:MM)</b>	04:00 PM
<b>Event Reported By</b>	Mortenson	<b>Name</b>	Evans, Nathan
<b>Work Being Performed By</b>	Mortenson	<b>Name</b>	Evans, Nathan
<b>Location of Incident</b>	T-99		
<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>	Broken window	<b>Damage Cause</b>	Drop/Impact/Collision
<b>Property Damage Estimated Value</b>	\$1 - \$5,000	<b>Damage Final Value</b>	\$350.00
<b>Drug Testing Completed</b>	Yes		

**Unsafe Conditions, Hazards, or Exposures**

<b>Description of unsafe conditions</b>	
<b>Unsafe Conditions Include</b>	Struck By/Against, Property Damage

**Attachments**

Attachment
<a href="#">Window 1.jpg</a>

**Immediate Corrective Actions Taken**

<b>Immediate Corrective Action Taken</b>	Stop work, assess damages and remove broken glass.		
<b>Taken By</b>	Mortenson	<b>Name</b>	Polley, Justin
<b>Date Completed</b>	06/29/2020		

**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>	Talk to team member about safe operation		
<b>Taken By</b>	Mortenson	<b>Name</b>	Polley, Justin
<b>Date Due</b>	06/29/2020	<b>Date Completed</b>	06/29/2020

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



**Exhibit I – Environmental Reports**



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### Closed Report

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#### Project Details at Time of Incident

<b>Event Type</b>	Incident	<b>Event Number</b>	EV2020222842
<b>Event Subtype</b>	Environmental Issue	<b>Brief Description</b>	Collection line equipment leaked less than a gallon of oil.
<b>Diamond Event</b>	No	<b>Project Manager</b>	Schueller, Jacob L
<b>Project Number</b>	19146023	<b>Project Superintendent</b>	
<b>Project Name</b>	Kings Point Wind - HVT	<b>Area/Assistant Superintendent</b>	
<b>Address Line 1</b>	850 Base Line Rd	<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>	06/02/2020	<b>Time Occurred (HH:MM)</b>	08:00 AM
<b>Event Reported By</b>	Mortenson	<b>Name</b>	Iglesias Ramirez, Jose
<b>Work Being Performed By</b>	Subcontractor	<b>Name</b>	
<b>Is a Prime Subcontractor? (Project has a contract with this sub)</b>	Yes	<b>Company Info</b>	
		<b>Company Name</b>	Spider Plow
		<b>Phone</b>	
		<b>Title</b>	
<b>Location of Incident</b>	T-56		
<b>Environmental Conditions at the time of the Incident</b>			
Temperature above 85 deg. F., Clear Sky, Calm/Little or No Wind			

#### Environmental Issues

##### Categories

Category	SubCategory
Spills	None

<b>Description</b>	Engine oil		
<b>Emergency Response Provider Contacted</b>	No		
<b>Corrective Action Taken</b>	Cleaned and disposed of spill following the SPCC.		
<b>Date Occurred (MM/DD/YYYY)</b>	06/02/2020	<b>Time Occurred (HH:MM)</b>	08:30 AM
<b>Regulatory Agency Notified</b>	No		
<b>Regulatory Notice of Violation, Citation, Work Order, Fine</b>	No		
<b>Who/What Affected</b>	Soil		
<b>Material Released</b>	Oil		
<b>Quantity of gas, liquid, or solid?</b>	1	<b>Measurement Units</b>	Liters
<b>Issue Attributed To</b>	Subcontractor		
<b>Company</b>	Spider Plow	<b>Name</b>	Ralph Crandall
<b>Title</b>	Foreman	<b>Phone Number</b>	

#### Attachments

Attachment
<a href="#">Plow Truck Leak 1.jpg</a>
<a href="#">Plow Truck Leak 2.jpg</a>

#### Immediate Corrective Actions Taken

<b>Immediate Corrective Action Taken</b>	Spill cleaned up and disposed of following SPCC guidelines.		
<b>Taken By</b>	Mortenson	<b>Name</b>	
<b>Date Completed</b>	06/02/2020		

#### 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>	Daily PM's on equipment to ensure operational.		
<b>Taken By</b>	Mortenson	<b>Name</b>	Iglesias Ramirez, Jose
<b>Date Due</b>	06/02/2020	<b>Date Completed</b>	06/02/2020

**Impacts** 

Mortenson Total Labor (Hours) 4 to 8 hours  
 Mortenson Material Cost (Dollars) No Cost Impact  
 Mortenson Impact to a Task/Activity No Impact to Schedule  
 Subcontractor Labor (Hours)  
 Subcontractor Material Cost (Dollars)  
 Subcontractor Task/Activity (Days)  
 Customer Cost (Dollars) No Cost Impact  
 Customer Project Schedule (Days) No Impact to Schedule  
 Customer Relations Impact No Impact (Customer is not concerned.)  
 Other Impacts

**Key Contributing Factors** 

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: 2 Hours Completed week of incident:  
 Process Contributing Factors: Other  
 Other Process Contributing Factors Description: Maintenance  
 Design Engineering Deficiency Factors: Other  
 Other Design Engineering Contributing Factors Description: QC  
 Material Deficiency Factors: Manufacturing Defect  
 Other External Factors: Not applicable  
 Additional Information:

**Equipment/Tools In Use**

Equipment/Tool Type	Type/Make/Model/Description	Equipment/Tool
Powered Equipment	Spill kit	N/A

**Materials In Use**

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

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Mortenson Proprietary



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Initial Report

Initial Investigation Closed

Project Details at Time of Incident

<b>Event Type</b>	Incident	<b>Event Number</b>	EV2020223064
<b>Event Subtype</b>	Environmental Issue	<b>Brief Description</b>	Sub-contractor's Driller blew a seal on a hydraulic hose.
<b>Diamond Event</b>	No	<b>Project Manager</b>	Leighow, Anthony James (Tony)
<b>Project Number</b>	19148020	<b>Project Superintendent</b>	Brendt, Kelly
<b>Project Name</b>	Kings Point (Wind)	<b>Area/Assistant Superintendent</b>	
<b>Address Line 1</b>	8500 Base Line Road	<b>Address City, State Postal Code</b>	Golden City, MO 64748
<b>Address Line 2</b>			
<b>General Foreman/Foreman</b>	Polley, Justin		
<b>Date Occurred (MM/DD/YYYY)</b>	06/05/2020	<b>Time Occurred (HH:MM)</b>	02:15 PM
<b>Event Reported By</b>	Subcontractor	<b>Name</b>	Spencer, LJ
<b>Is a Prime Subcontractor? (Project has a contract with this sub)</b>	Yes	<b>Company Info</b>	
		<b>Company Name</b>	SPENCER BLASTING & DRILLING CO LLC
		<b>Phone</b>	N/A
		<b>Title</b>	Operator
<b>Work Being Performed By</b>	Subcontractor	<b>Name</b>	Spencer, LJ
<b>Is a Prime Subcontractor? (Project has a contract with this sub)</b>	Yes	<b>Company Info</b>	
		<b>Company Name</b>	SPENCER BLASTING & DRILLING CO LLC
		<b>Phone</b>	N/A
		<b>Title</b>	Operator
<b>Location of Incident</b>	T-100 Excavation		
<b>Environmental Conditions at the time of the Incident</b>	Temperature above 85 deg. F., Clear Sky, Calm/Little or No Wind		

Environmental Issues

Categories

Category	SubCategory
Spills	None

<b>Description</b>	Hydraulic seal blew and approximately 3 gallons of hydraulic oil spilled.		
<b>Emergency Response Provider Contacted</b>	No		
<b>Corrective Action Taken</b>	Work was stopped, absorbent pads and booms were placed to soak up the spill. The top layer of soil will be scrapped when the machine is fixed and moved. All contaminated material to be put into the contaminated soil dumpster in the yard.		
<b>Date Occurred (MM/DD/YYYY)</b>	06/05/2020	<b>Time Occurred (HH:MM)</b>	02:15 PM
<b>Regulatory Agency Notified</b>	No		
<b>Regulatory Notice of Violation, Citation, Work Order, Fine</b>	No		
<b>Who/What Affected</b>	Soil, Subcontractor		
<b>Material Released</b>	Hydraulic oil		
<b>Quantity of gas, liquid, or solid?</b>	3	<b>Measurement Units</b>	Gallons
<b>Issue Attributed To</b>	Subcontractor		
<b>Company</b>	Spencer Blasting		
<b>Title</b>	Operator	<b>Name</b>	LJ Spencer
		<b>Phone Number</b>	N/A

Attachments

Attachment

- [IMG\\_0039.jpg](#)
- [IMG\\_0040.jpg](#)

Immediate Corrective Actions Taken

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

Links

There are currently no Links for this event.

Witnesses

First Name	Last Name	Employed By	Company Name	Title	Phone
Kaleb	Sellers	Mortenson		Non-Union.Civil Operator.II	

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Mortenson Proprietary

**Exhibit J – Owner Goals**

## Kings Point - Owner Goals

Goal	Measurement	% Weight	Notes	Primary
<b>Safety</b> - Zero Lost Time Injuries & Zero Recordables	0 Lost Time & 0 Recordables (Yes/No)	10%	Project Team Member Involvement/Engage Craft	Superintendents/PM
<b>Safety Reporting</b> - All Safety incidents will be reported within 24 hours	Date and time of incident VS date and time of reporting.	5%	Immediate Verbal Notification with incident report to follow within 24 hours	Safety Engineer/PM
<b>Traffic</b> - no complaints from local community regarding excessive speed or hazardous driving and no incidents involving improper use of defined traffic plans.	No complaints or incidents	5%	Continue communication with crews throughout all phases. Inspect concrete routes weekly, at a minimum.	Superintendents/PM
<b>Quality</b> - The last 19 WTG's have a smaller average punchlist number than the first 50. Quality should always improve vs. taper.	Average # punchlist in last 19 walkdowns compared to average number of punchlist items in first 50.	5%	Get ahead of the details prior to erection beginning so we're not reactively playing catch up while the crews are moving	Superintendents
<b>Quality</b> - <3% of job books or certificates (MCC, etc.) returned based on lack of completeness, quality, lack of internal Mortenson review, etc.	# job books or certs returned for resubmission / total #	5%	Establish Golden Book to be bought off by MAM/Solas/Vestas	Project Engineers
<b>Quality</b> - <2 Turbine walkdowns cancelled upon arrival to tower based on readiness.	Number of turbine walkdowns cancelled when teams are in route (or at) turbine.	5%	Maintain proper communication so this doesn't happen	Project & Field Engineers
<b>Quality</b> - No single and preventable "rework" issue costs more than 2 days of schedule, or impacts a contractual milestone date.	No single quality issue impacts schedule more than 2 days, or impacts any milestone.	5%		Superintendents/PEs/PM
<b>Cost</b> - Do not exceed approved budget (after CO1) value by 1% contingency (excluding force majeure event) and zero instances of proceed with extra work without obtaining Owner's prior approval.	Final accounting	5%	Cost conscious, keeping Cost Log updated and having open lines of communication	PM/General Superintendent
<b>Cost</b> - At the time that the final circuit is energized, there shall be no "lingering" open cost or schedule issues w/ Vestas. Deal w/ any issues as they come up. No back-forth post-project - no excuses.	No Vestas open issues that are not agreed to upon energization of final circuit.	5%	Monthly reconciliations	PM/General Superintendent/Solas
<b>Schedule</b> - All contractual milestones date met (or early)	Actual dates vs. contractual dates	10%	Weekly Schedule Reviews	Superintendents/PM
<b>Energization:</b> Zero delays on process for planned energization. Substation is complete and ready for energization before September 17, 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***

---

*See attached*

## Week 28 - July 2020 rev 0

<b>Customer:</b>	Algonquin		
Project Name:	Kings Point	Project Manager:	Petula Jurasek
Turbines:	(12) V110 Mk10C 2.0MW, 5-sec towers (57) V120 Mk11D 2.3MW, 5-sec towers	Senior PM : Construction Manager : Installation Lead:	Ryan Fertig Matthew Jones
Contract Type:	TSA	HSE Specialist:	TBD
Project Location:	Kansas		
Report Date	July 7, 2020		

### 1. Safety

Summary: Information to be included upon on-site mobilization

Worked manhours (accumulated, Vestas): 0hrs

Last month: 0

Current month: 0

Safety Walks: 0

- Incidents: 0
- Near misses: 0
- Hazards: 0

### 2. Key Items

- Main component production at 99% completion
- Component shipping ongoing.
- Coronavirus impacting turbine component production and deliveries from China.

### 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	28.2020	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	Req. Qty
Project Definition	Vendor	Material	EA	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	9					
SP-52012	Steelhead/Tenaska - Kings Point	Vestas Towers SUBC Malaysia	V110 towers			7				5						
SP-52012	Steelhead/Tenaska - Kings Point	Vestas Towers SUBC Malaysia	V120 towers		5						5			17	14	2
SP-52012	Steelhead/Tenaska - Kings Point	Vestas Towers SUBC Panchmahal	V120 towers										14			
SP-52012	Steelhead/Tenaska - Kings Point	Vestas Nacelles Brighton (CM)	HUB V100/V110 2.0/2.2 MW ASME	12												
SP-52012	Steelhead/Tenaska - Kings Point	Vestas Nacelles Brighton (CM)	NAC V100/110 2.0MW 60HZ	12												
SP-52012	Steelhead/Tenaska - Kings Point	Vestas Nacelles Brighton (CM)	NAC 2.2MW 60Hz VCS 135m								23	34				
SP-52012	Steelhead/Tenaska - Kings Point	Vestas Nacelles Brighton (CM)	HUB V116/V120 2.2 FRL ASME HCB								23	34				

#### Production Completion:

- Towers @ 97% complete
- Nacelles/hubs/drivetrains @ 100% complete
- Blade production @ 100% complete

Vessel Plan:

Lot Nr.	Project no.	Project Name	Turbine Type	Supplier	Status	Laycan week	POL	POD	ETA POD	BLA	NAC	DT	HUB	B	M1	M2	M3	T	Vessel Name
20/563-2	SP-52012	Kings Point	V110	G2	Completed 2020	12	Kuantan, MA	Beaumont, TX	8-May					7	7	7	7	7	Star Louisiana
20/566-1	SP-52012	Kings Point	V120	G2	Completed 2020	10	Kuantan, MA	Beaumont, TX	wk18					10	10	10	10	10	Star Lygra
20/567-1	SP-52012	Kings Point	V120	G2	Completed 2020	14	Kuantan, MA	Beaumont, TX	13-May					10	10	10	10	10	Star Lysefjord
20/553-1	SP-52012	Kings Point	V120	0	Planned	31	Kandla, IN berth 13 thru 15A	Beaumont, TX						14	14	14	14	14	
20/568-1	SP-52012	Kings Point	V120	G2	Fixed	30	Kuantan, MA	Beaumont, TX						18	18	18	18	18	Star Louisiana
20/664-1	SP-52012	Kings Point	V120	G2	Fixed	26	Kuantan, MA	Beaumont, TX						5	5	5	5	5	Star Luster
20/664-2	SP-52012	Kings Point	V110	G2	Fixed	26	Kuantan, MA	Beaumont, TX						5	5	5	5	5	Star Luster

14 towers out of India delayed; laycan week 31

**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	Total		
V110 Blades				1	3	4	2	2																														12
V110 Nacelles									12																													12
V110 Hubs									12																													12
V110 Tower																				7							5											12
V120 Blades								12												9							9				18	9					57	
V120 Nacelles																																						57
V120 Hubs																																						57
V120 Tower																					7		14				13	9		14							57	

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	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	Total	
V110 Blades																							10	2													12
V110 Nacelles																							10	2													12
V110 Hubs																							10	2													12
V110 Tower																							10	2													12
V120 Blades																								6	10	10	10	10	10	1							57
V120 Nacelles																								6	10	10	10	10	10	1							57
V120 Hubs																								6	10	10	10	10	10	1							57
V120 Tower																								6	10	10	10	10	10	1							57

**No major changes this week**

**Deliveries:**

Summary: Information to be included upon on-site mobilization

Component		Total
Nacelles	0	0/69
Hubs	0	0/69
DTs	0	0/69
Tower Sections	0	0/69
Blade Sets	0	0/69



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

PUBLIC VERSION

## 5. Risks

### Coronavirus:

- Coronavirus impacting Vestas production and deliveries from China, India and Malaysia. Additional changes can be expected.

#### China

- All Vestas China factories and key suppliers were back in normal operation week 11 and working overtime to catch-up from lost production
- Vestas construction and service business up and running again. 50% employees are being let back into the office
- Harbors regain operation, however port congestion causing delays in loading.
- Impacts on V120 towers and blades
- Delays on sub-components feeding global factories and direct delays of blades delivered directly from CN factories to US

#### US and Europe

- Restrictions making plans more challenging. Many of the parts were being airfreighted on beard commercial flights
- Smaller disruptions to transport schedules
- Temporary Terminal closures at the Port of Houston
- Colorado state closing further down
- Vestas starts getting notification from customers that some construction projects will have to shut down temporality due to shelter in place or covid-19 suspicions

#### Global

- Shutdowns impacts continue.
- Tower factories in Malaysia, Spain and Italy were closed or set to operate at reduced output to respect social distancing
- Harbors in Argentina are slowing down operations. Vestas gets tower supplies out of Argentina
- ZF announced they would be stopping 4MW gearbox production in Germany

### Kings Point

- India shuts down for 3 weeks
- v120 towers out of India (3 weeks projected shut down)
- v110 and v120 towers out of Malaysia (2 weeks projected shut down)

***Attachment 3***  
***Copy of Independent Engineer Monthly Site Visit Report***

---

*See attached.*

# REMOTE CONSTRUCTION MONITORING REPORT

*Site Visit #2, June 2020, Remote*

PREPARED FOR:

**KINGS POINT WIND, LLC**

*Ref. No.: 19-01584*

## **KINGS POINT WIND FARM**

Jasper, Barton, Dade, and Lawrence Counties,  
Missouri

02 July 2020

CLASSIFICATION

**CLIENT'S DISCRETION**

ISSUE

**A**

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## DOCUMENT HISTORY

<b>ISSUE</b>	<b>DATE</b>	<b>SUMMARY</b>
<b>A</b>	02 July 2020	SV2

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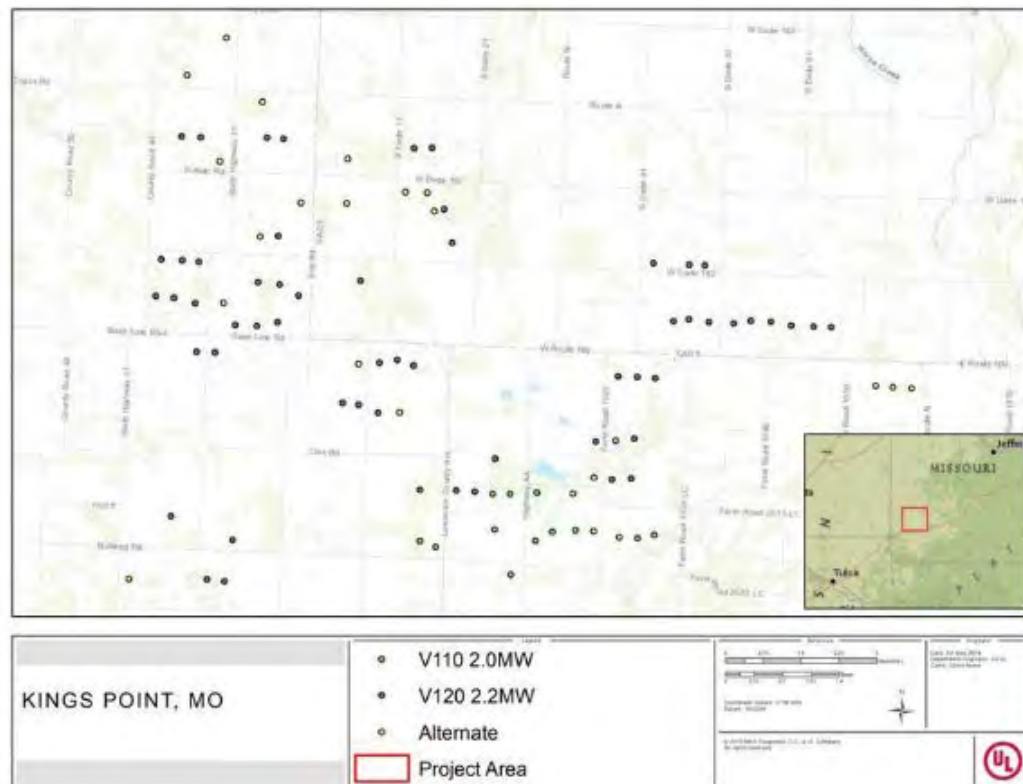
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## 1. PROJECT DESCRIPTION

The Project is located on the intersection of Jasper, Barton, Dade, and Lawrence Counties in southeastern Missouri. The Project is approximately 60 miles (95 km) west of Springfield, Missouri and 125 miles (200 km) south of Kansas City. The Project consists of 12 V110-2.0 MW and 57 V120-2.2 MW turbines. A map of the Project location is shown in the figure below.



**Figure 1.1: Map of Project Area**

The Project is being developed by Kings Point Wind, LLC, with Mortenson Construction (Mortenson) acting as the primary Balance of Plant (“BOP”) Contractor. The following table outlines the status of the construction works as of the 08 June 2020 POD [1].

**Table 1.1: Construction Status**

Project Task	IER Schedule Estimate		Status
	Anticipated Completion Date	Actual Completion Date	
All Major Contracts Executed	N/A		Completed
BOP Contractor Fully Mobilized	03 Feb 2020		Completed
Project Roads	08 Jul 2020	<TBD>	94% Complete
Turbine Foundations	17 Jul 2020	<TBD>	43% Complete <sup>1</sup>
Turbine Deliveries	06 Aug 2020	<TBD>	0% Complete
Turbine Erection (Blades & Nacelle Complete)	13 Nov 2020	<TBD>	0% Complete
Mechanical Completion	20 Nov 2020	<TBD>	0% Complete

**Table 1.1: Construction Status**

Project Task	IER Schedule Estimate		Status
	Anticipated Completion Date	Actual Completion Date	
Turbine Commissioning	27 Nov 2020	<TBD>	0% Complete
Collection System	04 Aug 2020	<TBD>	25% Complete
Collection Substation	07 Oct 2020	<TBD>	10% Complete
Project Transmission Line	02 Oct 2020	<TBD>	1% Complete
Energization/Backfeed	08 Oct 2020	<TBD>	0% Complete
O&M Building	13 Aug 2020	<TBD>	0% Complete
Met Tower	01 Sep 2020	<TBD>	0% Complete
Substantial Completion	05 Dec 2020	<TBD>	0% Complete

Source: Site Visit Questionnaire, 08 June 2020

Note:

<sup>1</sup> Turbine foundation completion based on pedestal concrete installation to-date.

The Project was performing turbine foundation construction work, collection works, and substation installation works on the day of the remote site visit. The Project also reported that the state of Missouri is under a shelter in place order in response to COVID-19; however, an exemption is allowed for the construction of energy facilities. The Project has experienced delays due to wet weather and impacts due to COVID-19, and delivery delays to a neighboring Project, which affects Kings Point delivery schedule. As of the 05 May 2020 ESO Progress Report, manufacturing and Ex-Works for 14 towers in India was delayed by 2 weeks. Fourteen towers that were delayed 4 weeks in Malaysia were travelling by ship to the US, and there were 14 additional towers delayed from Malaysia. These delayed components, due to rail congestion may not be delivered to the Project site until approximately week 45-47 (early-to-mid November 2020). The Project is working both with Vestas, and exploring over land deliveries, in an attempt to receive the components more quickly, however, this has not yet been resolved. The Project has requested additional information from Vestas regarding these delays in order to provide an update regarding the schedule. **[UL requests an updated, comprehensive Project schedule that includes any known COVID-19 delays when it is available.] <UL will continue to monitor the impacts of COVID-19 and will report any updates as received.>**

## 2. REMOTE SITE VISIT OBJECTIVES

In response to COVID-19 travel restrictions, UL did not physically visit the Project site and instead coordinated with the Sponsor's site construction representatives to receive an update on the status of construction. This remote visit format included a questionnaire that was completed by the site [2], photos provided by the site, and an interview between UL and the site construction team to discuss any outstanding items or questions. This report is based on these items provided between 08 and 24 June 2020.

The remote visit was focused on performing a review of the following aspects:

- Overall project construction status;
- Road and foundation work completion; and
- Electrical works completion.

The Mortenson Plan of the Day ("POD") from 08 June 2020 listed the status of construction tasks for the Project. Table 2.1 lists the key personnel that supported the logistics of the remote site visit and answered Project-specific questions.

**Table 2.1: On-Site Contacts During Site Visit**

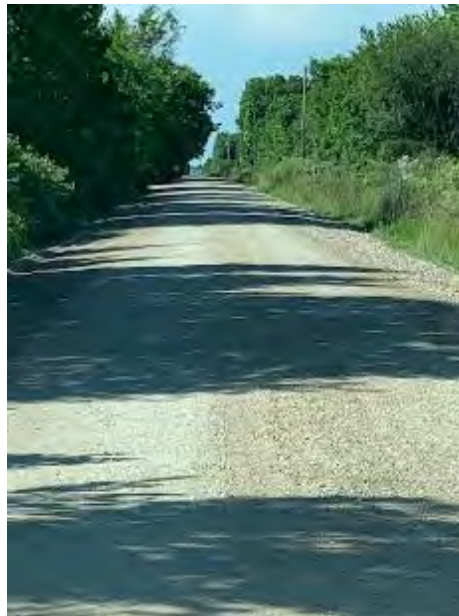
<b>Name</b>	<b>Company</b>	<b>Position</b>
Matthew Pellinen	Solas Energy Consulting	Project Manager
Erik Larson	Solas Energy Consulting	Assistant Construction Manager

### 3. LABOR FORCE AND EQUIPMENT

Ongoing activities being performed at site during the period of the remote site visit review include public road radii, grading of parking area at the O&M building, and multiple foundation-related activities, including drilling of site 126, excavation, installation of stone columns, mudmats and installation of rebar. Plowing activities and boring work was in progress and foundation slabs for the cab banks were being poured. 206 people were on site, which includes 95 Mortenson personnel who are performing work in the office, civil works, power delivery, and other works. In addition, Solas, had had 3 people on site supporting the Owner with Project Management, Stantec had 1 person on site performing archeological monitoring, and the main power transformer supplier, Siemens had 4 people on site. Subcontract work was being performed by Team Services, Mid-Central, Ozark, Barrett, APAC, Rumler, ASB, Ellingson, Spider Plow, LJ Spencer, Kuesel, and ASB Transmission. The Project is noted to be utilizing back hoes, bobcats, bulldozers, spider plow, boom lift truck, and drilling rig.

### 4. PROJECT ROADS

Road construction is ongoing at the Project and is approximately 98% complete. The figure below is an example of a road at the site.



**Figure 4.1: Road 1020**

### 5. TURBINE FOUNDATIONS

The Project includes 12 Vestas V110-2.0/2.2 MW turbines, supported by a round, reinforced concrete spread footing with a support pedestal for the tower. The spread footings are 73'-6" in diameter and bear

on weathered bedrock or compacted subgrade approximately 12'-0" below ground surface (bgs). The Project also includes 57 Vestas V120-2.2 MW turbines, supported by a round, reinforced concrete spread footing with a support pedestal for the tower. The spread footings are either 73'-6" or 74'-6" in diameter depending on soil conditions and groundwater depth. The spread footings bear on bedrock, weathered bedrock or compacted subgrade approximately 11' to 12' bgs. The native soils at this depth consist of bedrock, weathered bedrock and clay. Due to high groundwater levels all Project turbine foundations are buoyant foundation designs. The foundations are described on the structural drawings S-00 through S-06 by Barr Engineering Co. [3]. Dewatering of most excavations was anticipated, and the recommendation was made for small pumps and sumps at the excavations for this purpose. Other drainage elements such as sub-drains were not required.

Table 5.1 details the construction status of the turbine foundation work as of 08 June 2020 as reported by the BoP Contractor in the Plan of the Day ("POD").

**Table 5.1: Turbine Foundations Construction Status**

<b>Project Task</b>	<b>Status</b>
Turbine Foundations Excavation	87% Complete
Mud Mat	70% Complete
Bottom Mat Reinforcing	64% Complete
Anchor Bolt Cage	64% Complete
Top Mat Reinforcing	64% Complete
Pedestal Reinforcing	57% Complete
Base Concrete	58% Complete
Pedestal Concrete	43% Complete
Foundation Backfill	30% Complete
Crane Pad	13% Complete

The following table outlines the primary contractors and subcontractors for the foundation works.

**Table 5.2: Foundation Contractors and Subcontractors**

<b>Works</b>	<b>Contractor/Subcontractor</b>
BoP Contractor	Mortenson Construction
Foundation Design	Barr Engineering Co.
Geotechnical Investigation	Barr Engineering Co.
Excavation Work	Mortenson Construction
Rebar Provider	CMC Rebar
Rebar Assembly	Rumler
Concrete Supplier	Ozark
Concrete Placement	Mortenson Construction
Third Party Tester	TEAM Services
Lime/Cement Stabilization	Rock Solid

As reported on the questionnaire, turbine foundation construction, pouring, and backfilling activities were continuing at the Project site.

The Project reported a batch plant failure during the delivery of concrete at T-35 base pour. The backup plant was not able to start in time, so the pour was called off. The approximate 100 yards of concrete that had been poured at T-35 was to be removed and the foundation is to be replaced. **[UL requests the**

documentation and report from the EOR regarding the batch plant failure incident and subsequent replacement of the foundation at T-35.]

The figures below show the foundation activities that are in progress at site.



Figure 5.1: T-99 Powder for Blasting



Figure 5.2: T134 Stone Column Installation



Figure 5.3: T19 Excavation Wall Step Back



Figure 5.4: T19 Mud Mat

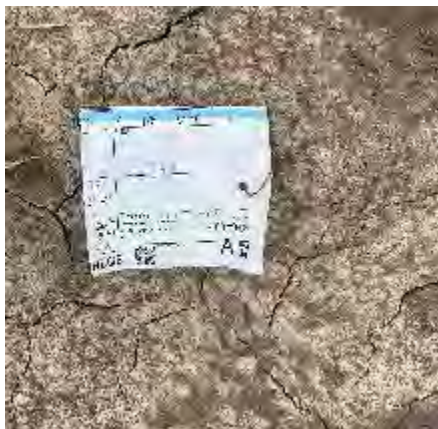


Figure 5.5: Rebar Tag



Figure 5.6: Rebar Storage



**Figure 5.7: T-91 Rebar Cage**



**Figure 5.8: T-91 Rebar Cage**



**Figure 5.9: Edge of Rebar**



**Figure 5.10: T91 Bottom Mat Grounding**



**Figure 5.11: Foundation Concrete Curing**

## 6. WIND TURBINE GENERATORS

UL is to review the turbines during a subsequent report.

## 7. COLLECTION SYSTEM

The Project consists of 57 V120-2.2 and 12 V110-2.0 turbines on six 34.5 medium voltage circuits. Collection system trenching and installation was approximately 25% complete as of the site visit, with a total of 61,276 feet of underground cable, 23 bores, 7 splices and 44 turbine grounding grids installed. No junction boxes had yet been installed at the Project. The collection trenches are 5 inches wide and 42 inches deep and were reported as being free of debris and rocks. The cable is reported to be installed in a trefoil configuration and free of damage.

**Table 7.1: Collection System Completion Summary**

Collection Scope Item	Percent Complete
Grounding Grid	64%
Directional Boring	28%
Trenching	25%
Install 34.5 kV Splice	10%
Terminate Primary	<TBD>
Install Surge Arrestors	<TBD>
Terminate Junction Box	<TBD>
Install Fault Indicator	<TBD>

Source: KP POD, 08 June 2020

The following photos show various stages of the collection cable installation work. No issues were reported or observed.



**Figure 7.1: Boring Pipe Fusing Equipment**



**Figure 7.2: Spider Plow**



**Figure 7.3: Plowing Trench near T30**



**Figure 7.4: Plowing South of T36**



**Figure 7.5: Splice Pit at T50**



**Figure 7.6: T50 Splice**





**Figure 7.7: Spider Plow Trenching from T52 to T55**

## 8. COLLECTION SUBSTATION

The Project substation construction was approximately 10% complete with only civil work underway. The substation foundation slabs for the MPT, MV and HV are complete and additional slabs and piers were about to be in progress.

**Table 8.1: Substation Completion Summary**

<b>Substation Scope Item</b>	<b>Percent Complete</b>
Foundations and Piers	41% <sup>1</sup>
<b>Conduit and Grounding</b>	0%
Below Grade Conduit and Grounding	0%
Trenwa	0%
Above Grade Conduit	0%
Structure and Fence Grounding	0%
<b>Steel &amp; Equipment</b>	-
Steel Structures	0%
Breakers	0%
Switches	0%
Bus	0%
Fence	0%

Source: KP POD, 08 June 2020

Note: <sup>1</sup> Estimated completion (based upon the POD)

The following figures show the substation construction progress as of the site visit. UL notes the reported substation installation process aligns with industry standards.



**Figure 8.1: Substation Foundations**



**Figure 8.2: Beginning of MPT Foundation**



**Figure 8.3: Poured MPT Foundation**



**Figure 8.4: MPT Dressing**

## **9. PROJECT TRANSMISSION LINE AND PROJECT SWITCHYARD**

The transmission line is approximately 13.5 miles of single-circuit 161 kV 795 ACSR “Drake” conductor. As of this report, the construction of the transmission line civil works has begun and is approximately 1% complete. The energization is planned for the week of 08 October 2020.



**Figure 9.1: T-Line Structure 70**



**Figure 9.2: T-Line Structure 69 Pour**

## 10. PROJECT BUILDINGS

The O&M building is going to be shared with a neighboring site, the construction is approximately 60% complete. The building has been erected and the walls have been framed. The O&M building is expected to be complete at the end of August. UL will provide a further report on the progress in a subsequent report.



**Figure 10.1: O&M Building Exterior**



**Figure 10.2: O&M Building Interior**

## 11. METEOROLOGICAL TOWER

UL is to review the meteorological tower during a subsequent report.

## 12. QA/QC AND DOCUMENTATION

UL has received access to the Procore dataroom, where the Project's job books are being uploaded as documentation is completed. UL will review the QA/QC documentation as part of the Construction Completion Report ("CCR").

## 13. SAFETY AND ENVIRONMENTAL

In response to COVID-19 protocols and for the health and safety of site personnel, the site is adhering to social distancing protocols, taking meetings online, keeping the makeup of the crews consistent, adhering to consistent site cleaning, and having the daily stretch and flex occur in smaller groups.

The Project reported one recordable incident of a delivery truck travelling on an asphalt public highway, the driver drove off the road at full speed, resulting in a roll-over accident. The driver suffered extensive injuries and was airlifted to the hospital. Site Visit Summary

In response to COVID-19, UL did not physically visit the Project site and instead coordinated with the Sponsor's site construction team to receive an update on the status of construction. This remote visit format included a questionnaire that was completed by the site, photos provided by the site, and an interview between UL and the site construction team to discuss any outstanding items or questions. This report is provided based on these items provided between 08 and 24 June 2020.

The purpose of the remote site visit was to observe overall Project construction activities with a focus on the completion of foundation work and collection and substation activities. The overall condition of the foundation work based on the photos and discussions with the site was in line with expectations. Documentation from the EOR regarding the replacement of foundation T-35 base pour that was caused by a batch plant failure, will be included in the CCR.

Based on the information provided to UL for the purpose of the remote site visit and ongoing correspondence with the Sponsor, UL considers the Project work to be within expectations. UL will review the job books in the CCR.

## 14. REFERENCES

- [1] "Kings Point Plan of the Day," 08 June 2020.
- [2] "Remote Site Visit Questionnaire," 08 June 2020.
- [3] "Barr Engineering Co., Kings Point Wind Project – WTG Spread Footing Foundations Design Drawings, Jasper, Lawrence and Dade Counties, Missouri, November 15, 2019 (Rev. 0).".