

# North Fork Ridge Wind Project

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*Barton and Jasper Counties, Missouri*



*Project Progress Report No. 14*

*September 2020*

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

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

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

# North Fork Ridge Wind Project Project Progress Report No. 14

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*September 2020*

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## 1.0 Summary

Activities in September were focused on the completion of turbine erections and post-erection activities like tower wiring and turbine walkdowns. A milestone was achieved on September 15<sup>th</sup> when the last turbine was completely erected. Turbine commissioning began in September and achieved another major milestone. On September 23<sup>rd</sup>, the first turbine in the project was synchronized to the transmission system and began producing test energy. The project received a draft amendment to the interim generator interconnection agreement from Southwest Power Pool, and the U.S. Fish and Wildlife Service proposed a change in the type of permit for the project. There was one near miss, seven first aid incidents, and one property damage incident on the project this month, and the project remains on schedule for completion before December 31, 2020.

## 2.0 Safety

As of September 30, 2020, there are 122 personnel on site, and cumulative man-hours worked are 383,115. The project reports the following safety incidents for the month of September:

Period	Near Miss	Property Damage	First Aid	OSHA Recordable
<b>September 2020</b>	1	1	7	0
<b>To Date</b>	17	31	25	3

Near miss:

- A truck dump truck driver was unloading gravel and was pulling forward with the dump bed up in order to spread the load. As the truck rolled forward, the dump bed contacted an overhead power line. There was no outage or property damage as a result.

Property damage:

- A forklift window shattered during operation; however, the operator did not notice anything strike the window.

First aid:

- An EPC team member was picking up tree branches and pinched their finger between two branches.
- An ironworker was lowering a service lift cable and lost their grip, striking their finger against the galley wall. First aid was administered by the on-site medic.
- A team member developed a rash in the crook of the elbow and on both arms.

- An EPC team member was lifting a tool bag from the deck onto the service lift. As the team member was doing this, their fall arrester swung up and struck their upper lip, causing a laceration. First aid was administered by the on-site medic.
- An EPC team member was performing site cleanup in the laydown yard and noticed redness on their chest. The team member had been picking up and carrying vegetation, and this was presumed to be the cause of the irritation.
- An EPC team member struck their knee with a small sledgehammer while installing a silt fence stake, resulting in a contusion. First aid was administered by the on-site medic.
- While stretching, an EPC team member felt a pop in the left knee.

Mortenson released revision 8 of its site-specific coronavirus plan in early September. Four potential cases were tracked in September. One team member had close contact with an individual that tested positive for coronavirus, and three other team members exhibited symptoms. All four individuals tested negative.

### 3.0 Project Schedule

As discussed in issue 13 of this report, North Fork Ridge Wind, LLC and Mortenson have executed a change to the EPC Agreement to modify the deadline for substantial completion. Substantial completion is now expected to be achieved on or before November 5, 2020.

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

### 4.0 Development Activities

With the exception of wildlife permitting and interconnection, development activities are nearly complete for North Fork Ridge. Both of those development activities are expected to be completed within the first year of commercial operation. In September, the U.S. Fish and Wildlife Service (USFWS) approached Empire about a different approach to permitting for the gray bat. USFWS believes their proposed approach will provide the project with coverage sooner than under an incidental take permit, which is the permit that the project is currently pursuing. Empire is evaluating potential risks and benefits of the proposed approach and will report on any decision in a future issue of this report. On the topic of interconnection, Southwest Power Pool issued a draft of an amended interim generator interconnection agreement for the project on September 24<sup>th</sup>. The amendment is to note the achievement of one of the Appendix B milestones by the project. Upon completion of review, Empire intends to execute the amended agreement.

## 5.0 Construction Activities

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

- Turbine foundations:
  - All foundations placed and backfilled
- Electrical activities:
  - Collection
    - Collection system installation complete
  - Substation:
    - Construction, testing, and commissioning completed.
    - Energized on July 29<sup>th</sup>.
  - Generation tie line:
    - Construction, testing, and commissioning completed.
    - Energized on July 29<sup>th</sup>.
- Erection:
  - Turbine component deliveries completed on July 10<sup>th</sup>.
  - Turbine erection completed on September 15<sup>th</sup>.
  - 49 turbine mechanical completion certificates submitted; 38 turbine mechanical completion certificates signed.
- Commissioning:
  - Started turbine commissioning, completing seven turbines.
  - First turbine synchronized on September 23<sup>rd</sup>.
- Restoration:
  - All restoration activities continued.

The following major construction activities are planned for October:

- Complete tower wiring.
- Complete mechanical completion certificates.
- Complete site restoration activities.
- Energize remaining collection circuits.
- Continue turbine commissioning.

Construction issues identified:

- None.

## 6.0 Project Cost Report

Expenditures during September totaled \*\* \_\_\_\_\_ \*\*. Project expenditures to date are \*\* \_\_\_\_\_ \*\* of the total budgeted expenditure of \*\* \_\_\_\_\_ \*\*. According to the latest report from North Fork Ridge Wind, LLC, PSA Annex 1 Additional Costs are \*\* \_\_\_\_\_ \*\*, which is above the original estimate of \*\* \_\_\_\_\_ \*\*. The major drivers of this increase are costs for point of interconnection and generation tie line construction. The report also identifies \*\* \_\_\_\_\_ \*\* in costs related to Empire's delay in achieving Purchaser Development Milestones in late 2019. Major expenses in this category include rental of a third main erection crane and reservation of EPC contractor management personnel. These costs were necessary to maintain the original schedule, which due to IRS regulations, required completion prior to the end of 2020 for 100% Production Tax Credit qualification.



## 7.0 Progress Photos



Picture 1. Excavating for permanent met tower foundation.



Picture 2. Placing a mid-tower section near the end of main erection activities.





Picture 3. A fall thunderstorm rolls in on North Fork Ridge.



Picture 4. A fully reclaimed turbine site.

## 8.0 Appendices



# North Fork Ridge



## Monthly Construction Report

September 2020



**Foggy morning view from Asbury Plant**

Barton and Jasper Counties, Missouri




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### **Attachments**

- Attachment 1: Contractor Monthly Report
  - Attachment 2: Turbine Supplier Monthly Report
  - Attachment 3: Copy of Independent Engineer Monthly Site Visit Report
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## Section 1

### Monthly Construction Summary

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#### INTRODUCTION

Construction of the North Fork Ridge wind project (the “Project”) located in Barton & Jasper Counties, Missouri, began on December 23, 2019. The 149.4 MW name plate capacity Project is comprised of the following major elements:

- 12 – Vestas model V110 2.0 MW 120-meter hub height wind turbine generators
- 57 – Vestas model V120 2.2 MW 122-meter hub height wind turbine generators
- Site clearing, project string roads, crane paths and turbine pads
- 69 spread-footer wind turbine foundations, three design types
- 34.5 kV collector system
- 6.33 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 March 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 North Fork Ridge Wind Project is up to 383,115 total manhours worked. There were 122 personnel onsite as of September 30, 2020. During the month of September, under the BOP contact, there were seven first aids, no recordables, zero lost time, one property damage, one near miss, no quality incidents, and no non-work-related incidents. Under the TSA, there were no first aids, no recordables, zero lost time, and one property damage.

The first BOP first aid incident was at public roads SW 80<sup>th</sup>, east of substation. A Team Member was picking up branches and pinched their finger between two branches. The second incident was at T-42 where an iron worker was lowering the service lift cable (12mm) when he lost his grip and bumped his index finger against the galley wall. The third incident was at T-21 when an iron worker was lifting a tool bag from the transition deck onto the service lift, the LADSAF swung up and contacted their upper lip resulting in a minor laceration. The fourth incident was at T-38 when a Team Member struck and bruised his knee with a small sledgehammer while installing silt fence. The fifth incident was in the laydown yard, a Team Member was picking up sticks during cleanup and noticed a slight redness on their chest. The sixth incident a Team Member noticed a rash



developing in the crook of his elbow and on both arms. The seventh incident was during bend and stretch a Team Member bent down and felt a pop in the left knee.

There was one near miss with civil at the substation. A trade partner was unloading aggregate, and when pulling away with the box in the air to spread the load, the dump truck bed came in contact with the above ground power line. No disruptions or property damage occurred.

#### Environmental:

There were no environmental incidents during the month of September.

#### Project Progress

Major work completed this period:

- Complete erection of all 69 turbines.
- Tower wiring has completed 68 turbines.
- Number of turbines mechanically complete – 49 have been submitted and 38 have been signed and returned.
- The O&M building is nearly complete.
- Site restoration activities have continued – installation of rock rings, 2" aggregate cap on access roads, temporary radii improvements and turf establishment.
- Turbine pre-commissioning has continued on 43 towers and 30 have been complete.
- Began commissioning on completed towers. 7 towers have been commissioned.

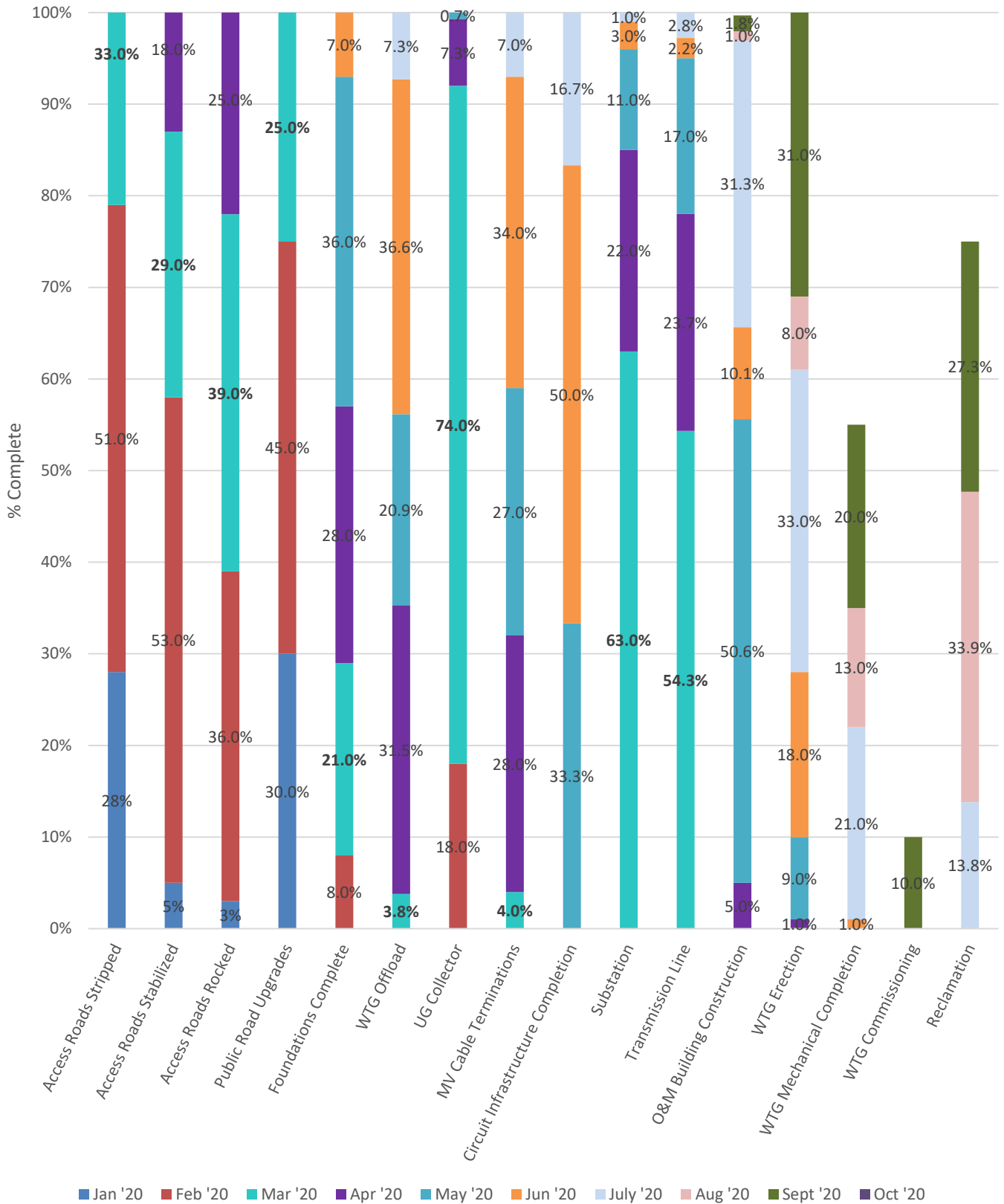
Major work planned for next period:

- Complete tower wiring.
- Complete mechanical completion of turbines.
- Complete site restoration activities.
- Energize 4 of 6 collection circuits.

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



### Monthly Progress





*Section 2*

*Construction Budget Status/Variations - (JV)*

North Fork Ridge Wind Project Construction Budget Status *HC*Highly Confidential in its Entirety*HC*			

Budget Comments:

There were no BOP Change Orders approved during the month of September. BOP Change Orders 4, 5, 6, 7 & 8 have been submitted for approval and above budget reflects these costs. CO's are summarized below:

CO#4: Weather Delay Days through 8/11/20 & Sales Tax            \$\*HC\*            \*HC\*

- Reconciles Weather Delays through August 11th, there were 25 total approved through this period. The remaining 7 approved will be included in a future Change Order.
- Finalizes Sales & Use Tax, per Article 3.2 of the Agreement excluded from the original contract value.

CO#5: Vestas Tooling Delays    \$\*HC\*            \*HC\*

CO#6: Turbine Supplier Offload Delays    \$\*HC\*            \*HC\*

CO#7: March 2020 Rainfall Force Majeure Event    \$\*HC\*            \*HC\*

- EPC Contractor claimed Force Majeure due to cumulative rainfall events resulting in excessive saturation and delays to the work.

CO#8: Crane Breakdowns Allowance Reconciliation    \$\*HC\*            \*HC\*

- Reconciliation of Crane Breakdown Allowance per Article 2.1(r) of the Agreement.
- Mortenson absorbed \$\*HC\*            \*HC\* of these breakdown costs and provided a discount of \$\*HC\*            \*HC\*.

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





Draw 9 funded on September 25<sup>th</sup>. Draw 10 is being submitted on October 16<sup>th</sup> and is anticipated to fund October 23<sup>rd</sup>.

Change Orders:

BOP Contractor – Mortenson

Change Orders pending approval: \$\*HC\* \*HC\* (CO#4, CO#5, CO#6, CO#7 & CO#8)

Change Orders approved during the month: \$ 0

Change Orders approved from financing to date: \$ \*HC\* \*HC\* (CO#2 & CO#3)

Turbine Supplier - Vestas

Change Orders approved during the month: \$ 0

Change Orders approved from financing to date: \$ 0 (CO#2)



### Section 3

## Schedule Variations/Milestone Schedule Update

Schedule	Target Dates	Actual Date	Notes
Turbine Supplier - FNTF	November 27, 2019	November 27, 2019	
EPC - FNTF	December 11, 2019	December 11, 2019	
EPC - Mobilization	December 16, 2019	December 16, 2019	
Turbine Supplier - Mobilization	February 24, 2020	March 2, 2020	
Turbine Supplier – Earliest delivery of Components/Containers/Tooling	February 24, 2020	February 20, 2020	<i>Ongoing</i>
Owner - MPT Delivery	March 18, 2020	April 3, 2020	
Turbine Supplier - Guaranteed Delivery of Group 1 - (5) V120	March 28, 2020	April 4, 2020	<i>CO#2 approved (V120 vs. V110)</i>
Turbine Supplier - Guaranteed Delivery of Group 2 - (10) V120	April 4, 2020	April 21, 2020	<i>CO#2 approved (V120 vs. V110)</i>
Turbine Supplier - Guaranteed Delivery of Group 3 - (10) V120	April 11, 2020	May 6, 2020	
Turbine Supplier - Guaranteed Delivery of Group 4 - (10) V120	April 18, 2020	May 30, 2020	
Turbine Supplier - Guaranteed Delivery of Group 5 - (10) V120	April 25, 2020	June 20, 2020	
Turbine Supplier - Guaranteed Delivery of Group 6 - (10) V120	May 2, 2020	June 26, 2020	
Owner – Guaranteed network connection (T1) (Turbine Supplier)	May 4, 2020	Early August (Mortenson to provide exact date)	<i>From Asbury</i>
Owner – Guaranteed back feed power date (Turbine Supplier)	May 4, 2020	July 29, 2020	<i>To be updated via future Change Order</i>
Turbine Supplier - Guaranteed Delivery of Group 7 - (2) V120 & (8) V110 less Tower Sections	May 9, 2020	July 8, 2020	
Turbine Supplier - Guaranteed Delivery of Group 8 - (4) V110 less Tower Sections	May 16, 2020	July 10, 2020	<i>New Milestone per approved CO#2</i>
Turbine Supplier - Mechanical Completion Group 1 - (6) WTG's	May 9, 2020	June 29, 2020	<i>T-94, T-99, T-103, T-89, T-66, T-76</i>
Turbine Supplier - Mechanical Completion Group 2 - (6) WTG's	May 16, 2020	July 25, 2020	<i>T-70, T-79, T-75, T-107, T-59, T-83</i>
Turbine Supplier – Commissioning Completion Group 1 - (6) WTG's	May 16, 2020	September 30, 2020 (Certs not countersigned as of Oct. 9 <sup>th</sup> due to missing Vestas signatures and backup)	<i>T-93, T-89, T-107, T-103, T-79, T-83 (30) Turbines have been pre-commissioned as of the end of September</i>
EPC - Guaranteed First Collection Circuit Completion – Circuit 12B	May 18, 2020	May 2, 2020	
Turbine Supplier - Mechanical Completion Group 3 - (6) WTG's	May 23, 2020	August 13, 2020	<i>T-78, T-101, T-106, T-69, T-73, T-97</i>

Turbine Supplier – Commissioning Completion Group 2 - (6) WTG's	May 23, 2020		
EPC - Guaranteed Second Collection Circuit Completion – Circuit 12A	May 26, 2020	May 11, 2020	
EPC - Guaranteed First Mechanical Completion Group	May 29, 2020	June 19, 2020	<i>T-94, T-99, T-103, T-89, T-66, T-76</i>
Turbine Supplier - Anticipated Delivery of Group 9 - (12) V110 Tower Sections	May 30, 2020	July 10, 2020	<i>New Milestone per approved CO#2</i>
Turbine Supplier - Mechanical Completion Group 4 - (6) WTG's	May 30, 2020	August 24, 2020	<i>T-64, T-86, T-93, T-62, T-68, T-82</i>
Turbine Supplier – Commissioning Completion Group 3 - (6) WTG's	May 30, 2020		
EPC - Guaranteed Third Collection Circuit Completion – Circuit 11A	June 5, 2020	June 3, 2020	
Turbine Supplier - Mechanical Completion Group 5 - (6) WTG's	June 6, 2020	August 27, 2020	<i>T-84, T-67, T-72, T-61, T-80, T-90</i>
Turbine Supplier – Commissioning Completion Group 4 - (6) WTG's	June 6, 2020		
EPC - Guaranteed Second Mechanical Completion Group	June 10, 2020	July 8, 2020	<i>T-70, T-59, T-79, T-75, T-106, T-107</i>
Turbine Supplier - Mechanical Completion Group 6 - (6) WTG's	June 13, 2020	September 17, 2020	<i>T-65, T-60, T-43 T-50, T-33, T-44</i>
Turbine Supplier – Commissioning Completion Group 5 - (6) WTG's	June 13, 2020		
EPC - Guaranteed Fourth Collection Circuit Completion – Circuit 13B	June 16, 2020	June 10, 2020	
EPC – Guaranteed Third Mechanical Completion Group	June 17, 2020	July 28, 2020	<i>T-83, T-101, T-78, T-69, T-73, T-97</i>
Turbine Supplier - Mechanical Completion Group 7 - (6) WTG's	June 20, 2020	October 1, 2020	<i>T-21, T-39, T-18, T-11, T-16, T-32</i>
Turbine Supplier – Commissioning Completion Group 6 - (6) WTG's	June 20, 2020		
EPC - Guaranteed Fifth Collection Circuit Completion – Circuit 13A	June 24, 2020	June 23, 2020	
EPC - Guaranteed Fourth Mechanical Completion Group	June 26, 2020	August 18, 2020	<i>T-93, T-64, T-86, T-82, T-62, T-68</i>
EPC - Guaranteed Sixth Collection Circuit Completion – Circuit 11B	June 26, 2020	July 2, 2020	
Turbine Supplier - Mechanical Completion Group 8 - (6) WTG's	June 27, 2020	October 5, 2020	<i>T-42, T-13, T-45, T-19, T-17, T-12</i>
Turbine Supplier – Commissioning Completion Group 7 - (6) WTG's	June 27, 2020		
EPC - Guaranteed Fifth Mechanical Completion Group	July 3, 2020	August 22, 2020	<i>T-84, T-90, T-67, T-72, T-61, T-80</i>
Turbine Supplier - Mechanical Completion Group 9 - (6) WTG's	July 4, 2020		
Turbine Supplier – Commissioning Completion Group 8 - (6) WTG's	July 4, 2020		
EPC - Guaranteed Sixth Mechanical Completion Group	July 10, 2020	September 4, 2020	<i>T-60, T-65, T-43, T-50, T-33, T-44</i>
Turbine Supplier - Mechanical Completion Group 10 - (6) WTG's	July 11, 2020		

Turbine Supplier – Commissioning Completion Group 9 - (6) WTG's	July 11, 2020		
EPC - SCADA Room Completion	July 16, 2020	August 5, 2020	
Turbine Supplier - Mechanical Completion Group 11 - (6) WTG's	July 18, 2020		
Turbine Supplier – Commissioning Completion Group 10 - (6) WTG's	July 18, 2020		
EPC -Guaranteed Seventh Mechanical Completion Group	July 22, 2020	September 21, 2020	<i>T-21, T-18, T-13, T-11, T-16, T-39</i>
Turbine Supplier - Mechanical Completion Group 12 - (3) WTG's	July 25, 2020		
Turbine Supplier – Commissioning Completion Group 11 - (6) WTG's	July 25, 2020		
EPC -Guaranteed Eighth Mechanical Completion Group	July 29, 2020	September 16, 2020	<i>T-32, T-45, T-42, T-19, T-17, T-12</i>
Turbine Supplier – Commissioning Completion Group 12 - (3) WTG's	August 1, 2020		
EPC -Guaranteed Ninth Mechanical Completion Group	August 7, 2020	October 2, 2020	<i>T-14, T-10, T-9, T-8, T-7, T-6</i>
Owner - Interconnect Back Feed Provided to EPC Scope	August 10, 2020	February 28, 2020	
EPC – Guaranteed Interconnection Facility Completion	August 24, 2020	July 28, 2020	<i>New Milestone per approved CO#2</i>
EPC -Guaranteed Tenth Mechanical Completion Group	August 14, 2020		<i>T-4, T-58</i>
EPC -Guaranteed Eleventh Mechanical Completion Group	August 21, 2020		
Turbine Supplier – SCADA Commissioning Complete	August 24, 2020	July 16, 2020	
Turbine Supplier – Punchlist Complete / Final Completion	August 24, 2020		
EPC -Guaranteed Twelfth Mechanical Completion Group	August 28, 2020		<i>Anticipated to be October 16, 2020</i>
EPC - Guaranteed Substantial Completion	September 18, 2020		<i>Anticipated to be November 5, 2020 Anticipated COD</i>
Owner - Commercial Operation Date	July 21, 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 the Transmission Owner's Sub 349 161kV bus at the Asbury Plant Substation.

Accounting for work performed under the interim GIA has been reconciled; we anticipate that Empire District Electric will issue a settlement invoice as a credit to the Project Company.



## *Section 5*

### *Delivery Status of Equipment*

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WTG deliveries to site completed on July 10th.





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



**Erection**



**O&M Asphalt**



**Aerial Views**



**MET Foundation**



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

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*See attached*







Wind Energy Group



# North Fork Ridge Wind Project

## Monthly Progress Report

September 2020

Meeting Date: October 15, 2020



Revision V1.1

10/12/2020



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## EXHIBITS

- Exhibit A – Milestones, Appendix 7C
- Exhibit B – ASTA - 3 Week Look Ahead Schedule
- Exhibit C – Open RFI Log
- Exhibit D – Open Submittal Log
- Exhibit E – Cost Issue Log
- Exhibit F – Permit Matrix
- Exhibit G – Safety Reports



## PROJECT DESCRIPTION

The North Fork Wind Project with nameplate capacity of 149 MW is located in Barton & Jasper County Missouri approximately 15 miles East of Pittsburg, KS at the intersection of Missouri State Highway 126 and 43. The project consists of constructing, installing, and commissioning an anticipated 57 Vestas V120-2.2 Wind Turbines (122m hub height) and 12 Vestas V110-2.0 Wind Turbines (120m hub height), 13 miles of roadways, 69 wind turbine foundations, collection system, 161kV substation, 6.3 miles of transmission line and support facilities (“North Fork Ridge Project”).

## EXECUTIVE SUMMARY

The top out, tower wire, and crane build activities were completed during September 2020. Construction activities continued for civil restoration, Operations and Maintenance building (“O&M”), service lift, MCC and tower clean construction activities. Overall, the project experienced seven (7) first aid incidents, zero (0) personal medical, zero (0) recordables, zero (0) lost time, one (1) near miss, one (1) property damage, and zero (0) quality incidents.

The first phase of the project focused on the construction of the 161kV transmission line, 161kV substation, main laydown yard, operations and maintenance building, access roads, tower foundations, fencing and turbine erection areas, which was completed during the winter and spring of 2020.

The second phase of the project is currently focusing on the construction of the remaining civil works, completion of underground electrical collection system, wind turbine generator (“WTG”) delivery & erection, SCADA integration and interconnection with Liberty Utilities facilities. The Balance of Plant (“BOP”) Substantial Completion is scheduled to be completed in November 2020.

*Note, all quantities within Report are as of 9/30/2020 and inclusive of all 2020 work activities, unless otherwise specified.*



## SAFETY

### POINTS OF EMPHASIS

Safety orientations continued for all North Fork Ridge team members, subcontractors and customer representatives. Seven hundred and forty-five (745) team members have gone through First Hour safety orientation. Two Hundred and thirty-four (234) team members have gone through Second Hour orientations.

The site leadership teams have been addressing climber safety, 100% tie off, falling objects, open hatches on V110 platforms, pinch & points, spotters for work around power line/utilities and COVID-19 awareness on & offsite. The Mortenson team held Safety Week on 9/14/2020 where everyday a specific topic was presented, some of the training included, Lock Out Tag Out (“LOTO”), falling objects demonstration, heavy equipment safety and mental health awareness.

### COMPLETED TRAININGS

- 1st Hour Orientation
- 2<sup>nd</sup> Hours Orientation
- Top Driver
- Hazard Communication
- Missouri State Signal Certifications
- Trucker Orientation
- Silica Training
- Forklift Training
- Crane Walk Training – Operators and all participates who are involved in Crane Walk
- CPR/First Aid
- Fall Protection Training
- Tower Rescue
- Respirator Fit Testing
- Crane Operator Orientation
- Crane Walking Training
- Refresher Forklift Training & Certification
- LOTO Training (Mechanical Applications)

### FIRST AID INCIDENTS

Mortenson address the severity of an incident by “Hurt Severity Levels” or “HL” to answer the “How bad was it?” question. The following is the scale: L4 – Life Altering, L3- Long Term/Life Altering, L2 – Weeks to Months, L1 – Minutes, Hours or Days, L0- No body damage.

- 9/4/2020 – HL 1 – A Team Member noticed a rash developing in the crook of his elbow and on both arms.
- 9/2/2020 – HL 1 – A Team Member was picking up branches and pinched their finger between the two branches.



- 9/8/2020 – HL 1 – A Ironworker was lowering the service lift cable (12mm) at T42 when he lost his grip bumping his index finger against the galley wall. The medic cleaned and bandaged the finger.
- 9/10/2020 – HL 1 – A Team Member at T21 was lifting a tool bag from the transition deck onto the service lift. The “Lad-Safe” swung up and contacted the upper lip, resulting in a minor laceration. They were treated by the Medic and had a follow up visit.
- 9/13/2020 – HL 1 – While performing site clean up in the laydown yard a Team Member noticed a slight redness on his chest, most likely irritation from picking up and holding sticks.
- 9/16/2020 – HL 1 – A Team Member struck and bruised his knee with a small sledge hammer while installing a defective silt fence stake. He was checked out by the Medic.
- 9/19/2020 - HL 1 – During Stretch N’ Bend a Team Member bent down during the “operator” stretch and felt a pop in the left knee.

#### RECORDABLE INCIDENTS

No recordable incidents during September 2020.

#### LOST TIME INCIDENTS

No lost time incidents were reported during September 2020.

#### PROPERTY DAMAGE

Below is a summary of property damage, further details can be found in EXHIBIT G – Safety Reports.

- On 9/1/2020 a window of a forklift shattered during operation, no noticeable strike to the window was reported by the Team Member.

#### NEAR MISS

A trade partner was unloading aggregate at the substation, while pulling away with the box in the air to spread the load, the operator came in contact with the above ground power line. Fortunately, the driver noticed the impact and reversed the truck alleviating further damage, no disruption to service took place nor property damage. Lessoned learned was a spotter was needed with the close proximity to the power lines.

#### QUALITY

No quality events reported for September 2020.

#### UNPLANNED DISRUPTION

- **COVID-19** – Positive COVID-19 cases in the region have started to decrease, the site team is continuing to update procedures and adhere to the CDC and corporate guidelines.
  - Mortenson released revision 8 of our site specific COVID-19 plan as of 9/4/2020.



- During September Mortenson had tracked 4 potential COVID cases. One case was primary exposure to significant other who tested positive and three cases were team members experienced symptoms. All team members were tested with negative test results.
- The major focus in site communication have been on continued social distancing, M-95 mask required for all tasks where 6' distance is not achievable or practical, 10 people maximum in meetings and any type of gathering, separated training or meeting if more than 10, daily cleaning of offices & equipment/trucks and common use areas and procurement and use of hand sanitizer.
- As of 10/13/2020 there are no open cases at the North Fork Project.

## PROJECT MAN HOURS & SAFETY STATISTICS

TABLE 1: SAFETY STATISTICS – SEPTEMBER 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 9/30/2020**

CONTRACTOR	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	TOTAL
Mortenson - Office Staff			1,130	4,560	4,990	5,280	6,348	5,523	3,840	1,890	33,561
Mortenson - Foundations	512	3,149	4,123	4,847	4,750	585	-	-	-	-	17,966
Mortenson - Electrical	-	48	1,680	3,948	1,372	1,420	4,277	2,793	730	788	17,056
Mortenson - Civil	3,125	5,250	8,780	7,448	9,711	6,401	5,334	3,544	4,332	4,467	58,392
Mortenson - Erection	-	-	-	4,934	20,570	19,506	23,573	22,145	18,617	12,367	121,712
KDF	69	1,050	800	27	24	-	-	-	-	-	1,970
MidCentral	-	187	3,665	2,340	2,890	2,660	504	174	493	443	13,356
Rock Solid	-	990	1,860	581	185	-	-	-	-	-	3,616
Jim River Fencing	400	700	119	85	-	-	-	-	-	-	1,304
HV Occupational	-	123	294	305	291	281	287	285	278	265	2,409
Chambers Security	-	336	330	408	360	372	368	372	336	360	3,242
CNR	-	-	1,680	2,774	1,381	954	-	-	-	-	6,789
Trench Tech	-	-	2,915	5,115	1,120	-	-	-	-	-	9,150
Rumler Rebar	-	805	2,313	2,615	2,018	505	-	-	-	-	8,256
Capital Materials	-	2,800	754	392	2,597	649	-	-	-	-	7,192
Midwest Minerals	-	1,452	4,192	3,842	3,625	1,150	875	-	-	-	15,136
Kuesel Excavating	-	-	-	281	442	386	-	-	-	-	1,109
Terracon (SWPP)	-	-	-	27	40	32	38	38	20	-	195
ASB Energy	-	-	-	-	1,450	-	-	-	-	-	1,450
Solas	140	773	695	859	1,120	1,125	1,514	1,300	944	895	9,365
Stantec	88	979	723	255	188	125	78	-	-	-	2,436
Biggie	-	-	-	-	480	1,680	756	1,496	650	-	5,062
Sentry Electric	-	-	-	-	880	1,672	1,884	1,491	3,690	2,540	12,157
RESA	-	-	-	-	-	-	-	390	-	20	410
TrueGrit	-	-	-	-	-	-	-	195	220	192	607
Titan	-	-	-	-	389	1,124	647	373	298	140	2,971
Spouls Construction	-	-	-	-	-	-	-	-	297	183	480
Northern Contractors	-	-	-	-	-	-	-	-	-	10	10
<b>PROJECT TOTAL</b>	<b>4,334</b>	<b>18,642</b>	<b>36,053</b>	<b>45,643</b>	<b>60,873</b>	<b>45,907</b>	<b>46,482</b>	<b>40,119</b>	<b>34,744</b>	<b>24,560</b>	<b>357,347</b>

**TABLE 3: HAZARD RECOGNITION STATISTICS AS OF 9/30/2020**

Haz Rec Breakdown	Dec-20	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Total
Vehicles/Traffic	2	2	33	3	18	31	29	17	16	26	177
PPE	-	2	10	2	13	15	9	6	5	3	65
Walking Working Surfaces	-	4	12	-	15	7	10	-	-	-	36
Environmental	-	1	14	1	13	9	2	-	-	1	41
Equipment/Tools	-	6	2	-	3	3	7	-	-	-	21
Rigging	-	-	1	-	3	5	2	1	-	-	12
Struck By/Against	-	-	13	-	9	8	7	5	10	19	71
Housekeeping	-	2	12	4	18	0	8	-	7	45	96
Fall Protection	-	-	-	-	-	4	2	-	-	-	6
Barricades/Signage	-	-	17	1	3	6	12	3	3	-	45
Other	-	1	-	-	2	25	13	14	23	-	78
<b>Total</b>	<b>2</b>	<b>18</b>	<b>102</b>	<b>11</b>	<b>97</b>	<b>113</b>	<b>101</b>	<b>46</b>	<b>64</b>	<b>94</b>	<b>648</b>

## ENVIRONMENTAL

### STORMWATER POLLUTION PREVENTION PLAN (SWPPP) UPDATE

The project team has continued to maintain SWPPP BMPs and perform weekly inspections by internal Environmental Specialist inspections. The SWPPP plan is in the Mortenson construction office.



- NOI received on 12/20/2019
- 404 Permit received on 1/29/2020
- Weekly inspections began on 12/25/2019
- Weekly internal inspections were performed on 9/3/2020, 9/10/2020, 9/17/2020 and 9/24/2020. MAM switched inspections to biweekly (or after 0.25" rain) inspection schedule.
- All the inspection reports are on ProCore in the submittals section.
- All corrective actions are being addressed in order of risk level and completion is tracked on the ArcGIS platform.
- All SWPPP redlines are kept on the ArcGIS platform managed by Mortenson. This will act as a living as-built document to keep the site in compliance with record keeping requirements. This will include all BMP installations, removal, and alterations. It will also track any land disturbing activities. We are currently up to date with this process.
- SWPPP removal has been taking place with installation of permanent seeding, blankets or rolls.

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

The SPCC plan was finalized and is in the Mortenson office.

- Monthly inspections took place on 9/30/2020.
- No spills were reported in September 2020.
- A third-party contractor has removed contaminated soils, used hydraulic fluid & oil and contaminated clean up products.

**PRECIPITATION TOTALS**

The project received 0.27" in September and year to date total of 40.92". Below is a daily accumulation totals pulled from the project onsite weather station. The area is currently in a classified "severe drought" and forecasts predict no end in sight over the coming weeks.

**TABLE 4: SEPTEMBER DAILY RAIN TOTAL FOR THE PROJECT**

Sep-20		
9/1/2020	Tuesday	0.00
9/2/2020	Wednesday	0.00
9/3/2020	Thursday	0.00
9/4/2020	Friday	0.00
9/5/2020	Saturday	0.00
9/6/2020	Sunday	0.00
9/7/2020	Monday	0.00
9/8/2020	Tuesday	0.00
9/9/2020	Wednesday	0.00
9/10/2020	Thursday	0.00
9/11/2020	Friday	0.00
9/12/2020	Saturday	0.00
9/13/2020	Sunday	0.00
9/14/2020	Monday	0.00
9/15/2020	Tuesday	0.00
9/16/2020	Wednesday	0.00
9/17/2020	Thursday	0.00
9/18/2020	Friday	0.00
9/19/2020	Saturday	0.00
9/20/2020	Sunday	0.00
9/21/2020	Monday	0.00
9/22/2020	Tuesday	0.00
9/23/2020	Wednesday	0.00
9/24/2020	Thursday	0.00
9/25/2020	Friday	0.00
9/26/2020	Saturday	0.00
9/27/2020	Sunday	0.27
9/28/2020	Monday	0.00
9/29/2020	Tuesday	0.00
9/30/2020	Wednesday	0.00
		<b>0.27</b>





## SCHEDULE AND UPDATE REPORTS

### MAJOR WORK ACTIVITIES COMPLETED IN SEPTEMBER 2020

Final restoration continued and is approximately 87% complete with all turbine locations west of Hwy 143 and north of Hwy 126. The reclaim activities include removing temp radius, reclaiming crane path, installing rock rings, final grading, seeding and final access road cap. MAM is currently drill seeding reclaimed sites, but waiting to seed wetlands until there is rain in the forecast.

The erection teams continued with MCC, tower clean and walkdowns. The team submitted 19 MCC certs and received MCC certs on 15 towers in September 2020.

The electrical teams finished substation and transmission line punch items. They continued with preparation to energize 11B & 12A circuits.

### DELIVERY AND MAJOR PROCUREMENT UPDATE

Met Tower steel and metrological tower instrumentation is expected 10/9/2020.

**TABLE 5: CONSTRUCTION PROGRESS TOTALS**

*Note, Statistics As of 9-30-2020, All Quantities Representative of Project Progress.*

Activity	Project Total Value	July 2020 Progress	Project Percent Complete
Rock Access Roads	69,235 LF	69,235 LF	100%
Crane Pad	69 EA	69 EA	100%
Strip Sites	69 EA	69 EA	100%
Excavation	69 EA	69 EA	100%
Backfill	69 EA	69 EA	100%
Crane Pathways	100,395 LF	100,395 LF	100%
H1s	69 EA	69 EA	100%
Foundation Grounding	69 EA	69 EA	100%
Foundation Conduit	69 EA	69 EA	100%
Complete Foundations	69 EA	69 EA	100%
Collection MV Cable Deliveries	674,670 FT	674,670 FT	100%
Collection Clearing and Access	69 EA	69 EA	100%
Collection Directional Boring	18,779 FT	18,779 FT	100%
Collection Plowing	219,200 FT	219,200 FT	100%
Collection Rock Trenching	31,705 FT	31,705 FT	100%
Splice Pit Excavation	73 EA	73 EA	100%
MV Cable Splices	73 EA	73 EA	100%
Switchgear Set	69 EA	69 EA	100%



Switchgear MV Cable Termination	69 EA	69 EA	100%
Collection SWPPP	69 EA	69 EA	100%
Substation Foundation	49 EA	49 EA	100%
Substation Deliveries	232 EA	232 EA	100%
Substation Pad	4,700 CY	4,700 CY	100%
Transmission Tree Clearing	25 ACRE	25 ACRE	100%
Transmission SWPPP	49 EA	49 EA	100%
Transmission Line Deliveries	160 EA	160 EA	100%
Transmission Line Haul & Spot	48 EA	48 EA	100%
Transmission Line Framing	48 EA	48 EA	100%
Transmission Line Excavation	48 EA	48 EA	100%
Transmission Line Set	48 EA	48 EA	100%
Offload Tower Sections	69 EA	69 EA	100%
Offload Nacelle	69 EA	69 EA	100%
Offload Hub	69 EA	69 EA	100%
Offload Blades	69 EA	69 EA	100%
Set Base/Mid	69 EA	69 EA	100%
Grout Base Section	69 EA	69 EA	100%
Prep Nacelle	69 EA	69 EA	100%
Full Tower Erected	69 EA	69 EA	100%
Tower Wiring	69 EA	68 EA	98%
MCC	69 EA	59 EA	86%
Walkdowns	69 EA	54 EA	78%
Met Tower	1 EA	0.25 EA	25%
O&M Building	1 EA	0.99 EA	99%
Civil Restoration	1EA	0.87 EA	87%

**PROJECT SCHEDULE**

- See Exhibit A – Milestones, Appendix 7C
- See Exhibit B – ASTA - 3 Week Look Ahead Schedule

**MAJOR WORK ACTIVITIES PLANNED FOR OCTOBER 2020**

**CIVIL ACTIVITIES**

- Public Road Maintenance – Continue to Maintain Public Roads
- Continue restoration and radii removal on all access road and crane path on the Southwest side of the project
- Public Road Radius Improvements – Remove & restore radius upgrades and install final road cap on the East side of project



- SWPPP Maintenance – Continue to maintain, inspect and remove once seeding has taken place
- Restore batch plant yard and begin laydown yard

ERECTION ACTIVITIES

- Continue the following erection activities with expected completion in October 2020:
  - MCC – 69 of 69 (100%)
  - Tower Clean – 69 of 69 (100%)
  - Walk Down – 69 of 69 (100%)
- Begin removal of trailers, conexs and misc. equipment & materials from laydown yard

ELECTRICAL ACTIVITIES

- Collection
  - Continue – Complete Earthing Bar Installation & final ground connections.
- Substation
  - Monitor – Newly energized circuits
  - Finish – Fencing restoration and final completion
- Transmission
  - Finish – Final restoration
- Energization
  - The site team plans to energize circuits 11B & 11A on 10/8/2020 and 13B & 13A on 10/27/2020.

## QUALITY

FIGURE 1: RFI AND SUBMITTAL STATUS AS OF 10/13/2020

Overview	<span style="color: red;">■</span> Overdue <span style="color: orange;">■</span> Next 7 Days <span style="color: green;">■</span> > 7 Days	Total Open		
RFIs	10	10		
Submittals	13	1	8	22
Inspections	1300		1307	
Observations	116		3	119
Punch List	1			1
Meetings	1	45		46
Incidents	19		19	

### RFI'S

- See Procore Open RFI Log, [Exhibit C](#).
- No open or hot RFIs at this time.



## CONSTRUCTION ISSUES

- During the anchor bolt tensioning process, an anchor bolt at T2 was damaged and the tension crew pulled out the bolt in the attempt to repair. The team cannot get the replacement bolt to thread back into the nut at the embed ring. Mortenson has worked with the engineer of record (“EOR”) BARR Engineering on an epoxy solution to re-set the anchor bolt. Mortenson plans to complete this repair work during the week of 10/17/2020.
- During the energization of Circuits 11A & 11B two fault indicators on Jbox did not reset properly requiring a re-energization. MAM removed and replaced the fault indicators and re-energized the circuit with no further issues.



# OWNER GOALS

## North Fork Ridge - 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 July 27, 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

## PHOTOS

**PHOTO 1: CULVERT INSTALLATION**



**PHOTO 2: FINAL RESTORATION**





**PHOTO 3: HYDRO SEEDING SHOULDERS**



**PHOTO 4: HYDRO SEEDING SHOULDERS**



PHOTO 4: LAST 650 LOAD OUT - DEMOB



PHOTO 5: LAST 650 LOAD OUT - DEMOB





PHOTO 6: LAY OF THE LAND FROM 400'



PHOTO 7: WALKDOWN LEAD ON TOP OF NACELLE



**See Exhibit A – Milestones, Appendix 7C**

**North Fork Ridge Wind, LLC**  
**North Fork Ridge Wind**  
**APPENDIX 7-C - MILESTONES**

**Infrastructure Facilities Completion**

Feeder Circuit	Target Completion Date	Infrastructure Facilities Completion Milestone
Circuit - 1	4/27/2020	5/18/2020
Circuit - 2	5/5/2020	5/26/2020
Circuit - 3	5/15/2020	6/5/2020
Circuit - 4	5/26/2020	6/16/2020
Circuit - 5	6/3/2020	6/24/2020
Circuit - 6	6/5/2020	6/26/2020

**Interconnection Facilities Completion**

Target Interconnection Facilities Completion Date  
 Guaranteed Interconnection Facilities Completion Date

CO 02 Misc. Changes	CO 06 - Vestas Tooling Delays	CO 04 - Weather Delays Days
8/10/2020	No Change	No Change
8/17/2020	No Change	No Change

**SCADA Room Completion\***

\*must be completed two (2) weeks prior to Turbine Mechanical Completion Date of the first Wind Turbine.

7/16/2020      No Change      No Change

**MPT Delivery Dates**

MPT # 1

3/18/2020      No Change      No Change

**Turbine Mechanical Completion**

MCC Groups	Quantity	Cumulative	Target Completion Date	Turbine Mechanical Completion Milestone	CO #6 Turbine Mechanical Completion Milestone	CO #4 Turbine Mechanical Completion Milestone
Group 1	6	6	5/8/20	5/29/20	6/22/20	6/26/20
Group 2	6	12	5/20/20	6/10/20	7/2/20	7/15/20
Group 3	6	18	5/27/20	6/17/20	7/10/20	7/21/20
Group 4	6	24	6/5/20	6/26/20	7/21/20	8/4/20
Group 5	6	30	6/12/20	7/3/20	7/27/20	8/10/20
Group 6	6	36	6/19/20	7/10/20	8/3/20	8/20/20
Group 7	6	42	7/1/20	7/22/20	8/13/20	9/3/20
Group 8	6	48	7/8/20	7/29/20	8/20/20	9/12/20
Group 9	6	54	7/17/20	8/7/20	8/31/20	9/23/20
Group 10	6	60	7/24/20	8/14/20	9/8/20	9/29/20
Group 11	6	66	7/31/20	8/21/20	9/15/20	10/6/20
Group 12	3	69	8/7/20	8/28/20	9/22/20	10/13/20

Based on IGDD of 3/23/2020

**BOP Substantial Completion**

Scheduled BOP Substantial Completion Date

9/18/2020      10/12/2020      11/2/2020

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

A

Line	Turbines	Name	Start	Finish	Duration	Overall percent complete	2020																											
							June				July				August				September				October				November				D			
							8	15	22	29	6	13	20	27	3	10	17	24	31	7	14	21	28	5	12	19	26	2	9	16	23	30		
		Main Erection 3	10/08/20	10/08/20			+ + + +																											
		Main Erection 2	10/08/20	10/08/20																														
		(None)	04/03/19	11/05/20	14.20																													
1		Electrical Collection	04/03/19 A	10/26/20	414d 4.5h	90.20	Electrical Collection																											
2		Electrical Collection	04/03/19 A	10/26/20	3140h	90.20	Electrical Collection																											
3		Feeder Completion	07/12/19 A	10/26/20	345d 5.16h	44.44	Feeder Completion																											
4		Turbine Erection and Wiring	03/23/20 A	10/23/20	169d 3.5h	100.00	Turbine Erection and Wiring																											
5		Main Erection Crane Walks 3	04/08/20 A	10/08/20	1152h 30min	100.00	Main Erection Crane Walks 3																											
6		Main Erection / Crane Walks 2	04/14/20 A	10/08/20	1112h 30min	100.00	Main Erection / Crane Walks 2																											
7		Misc. Structures	04/16/20 A	11/05/20	158d 30min	44.36	Misc. Structures																											
8		O & M Building	04/16/20 A	10/29/20	152d 4.5h	92.26	O & M Building																											
9		Exterior Work	05/29/20 A	10/19/20	108d 4.5h	48.15	Exterior Work																											
10		SCADA Room	06/18/20 A	10/12/20	86d 30min	93.38	SCADA Room																											
11		Restore Radii	06/19/20 A	10/26/20	768h 30min	81.43	Restore Radii																											
12		Remove Crane Path Drainage Crossings	06/19/20 A	10/08/20	668h 30min	93.33	Remove Crane Path Drainage Crossings																											
13		Restoration	06/19/20 A	10/26/20	768h 30min	83.87	Restoration																											
14		Restore Crane Path	06/23/20 A	10/08/20	649h 32.72min	95.00	Restore Crane Path																											
15		MEP Mechanical Room	06/23/20 A	10/08/20	81d 30min	96.15	MEP Mechanical Room																											
16		Rock Ring & Spur Road	06/24/20 A	10/22/20	720h 30min	85.51	Rock Ring & Spur Road																											
17		Restore Turbine Sites	06/26/20 A	10/19/20	684h 30min	76.81	Restore Turbine Sites																											
18		Remaining Tower Sequence	07/06/20 A	10/23/20	668h 56min	96.31	Remaining Tower Sequence																											
19		Place 2" Cap	07/07/20 A	10/22/20	657h 52.7min	71.15	Place 2" Cap																											
20		Plumbing Completion - Mech. Rm	07/12/20 A	10/08/20	8d	50.00	Plumbing Completion - Mech. Rm																											
21		Electrical Finishes - SCADA Rm	07/24/20 A	10/09/20	4d	75.00	Electrical Finishes - SCADA Rm																											
22		Tower Completion	08/05/20 A	10/23/20	470h 5min	85.26	Tower Completion																											
23		Security Fence	08/27/20 A	10/12/20	4d 4h	50.00	Security Fence																											
24		Pour Sidewalks/Aprons/Parking	08/28/20 A	10/13/20	4d	61.11	Pour Sidewalks/Aprons/Parking																											
25		Fiber Testing: Feeder 11A	10/08/20	10/09/20	2d		Fiber Testing: Feeder 11A																											
26		MET Foundation	10/08/20 *	10/19/20	5d		MET Foundation																											
27	35,31	Remove CP-60 (X-XX")	10/08/20	10/08/20	4h		35,31 Remove CP-60 (X-XX")																											
28	58	Restore/Decompact CP57-58	10/08/20	10/08/20	5h 2.72min		58 Restore/Decompact CP57-58																											
29	55	Restore/Decompact CP47-55	10/08/20	10/08/20	4h 2.23min		55 Restore/Decompact CP47-55																											

Group/Sort: Cranes  
 View: 3 Week LookAhead  
 Filter: 3 Week Look Ahead  
 Project Path/ID: K:\Wind\19141022 NorFoRidge\Shared\81 - Scheduling\81.03 - ASTA Schedules\Updates\10 - October Updates\NFR V12.0\_10.8.20\_V102\_BOP.pp






























Natural Order

Start Date: 3/12/2019  
 Finish Date: 12/9/2020  
 Progress Date: 10/7/2020  
 Page 1 of 4  
 Run Date: 10/8/2020  
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Line	Turbines	Name	Start	Finish	Duration	Overall percent complete	2020												D															
							June			July			August			September				October			November											
							8	15	22	29	6	13	20	27	3	10	17	24	31	7	14	21	28	5	12	19	26	2	9	16	23	30		
30		Remove CP Complete	10/08/20	10/08/20																														
31		Retore/Decompact Complete	10/08/20	10/08/20																														
32		Pipe Bollards	10/08/20	10/12/20	3d																													
33		<b>MET Tower</b>	<b>10/08/20</b>	<b>11/05/20</b>	<b>24d 8h</b>																													
34	35	Road T- 35-49 Remove Entrance Radii	10/08/20	10/08/20	8h																													
35	82	Road T- 82 Place 2" Cap	10/08/20	10/08/20	26min 33s																													
36	6	Turbine 06 Restore Site	10/08/20	10/08/20	4h																													
37	9,10	Road T- 9-10 Place 2" Cap	10/08/20	10/08/20	1h 54.1min																													
38	8	Road T- 8 Place 2" Cap	10/08/20	10/08/20	49min 44s																													
39	7	Road T- 7 Place 2" Cap	10/08/20	10/08/20	2h 8.17min																													
40	4	Turbine 04 Restore Site	10/08/20	10/08/20	4h																													
41	6,4	Road T- 4-6 Place 2" Cap	10/08/20	10/08/20	37min 3s																													
42	2,1	Road T- 1-2 Place 2" Cap	10/08/20	10/08/20	25min 55s																													
43	31	Road T- 31 Remove Entrance Radii	10/09/20	10/09/20	8h																													
44	2	Turbine 02 Restore Site	10/09/20	10/09/20	4h																													
45		Punchlist - SCADA Rm	10/09/20	10/12/20	1d																													
46	1	Turbine 01 Restore Site	10/09/20	10/09/20	4h																													
47		Feeder Completion: Feeder 11A	10/12/20	10/16/20	5d																													
48		Fiber Testing: Feeder 13A	10/12/20	10/13/20	2d																													
49	58	Road T- 58 Remove Entrance Radii	10/12/20	10/12/20	8h																													
50	49	Turbine 49 Restore Site	10/12/20	10/12/20	4h																													
51		Gates	10/12/20	10/19/20	5d																													
52	41	Turbine 41 Restore Site	10/12/20	10/12/20	4h																													
53	57	Road T- 57 Remove Entrance Radii	10/13/20	10/13/20	8h																													
54	35	Turbine 35 Restore Site	10/13/20	10/13/20	4h																													
55	31	Turbine 31 Restore Site	10/13/20	10/13/20	4h																													
56	35	Turbine 35 Rock Ring & Spur Road	10/13/20	10/13/20	4h																													
57		VLF Testing: Feeder 13A	10/14/20	10/15/20	2d																													
58		Fiber Testing: Feeder 11B	10/14/20	10/15/20	2d																													

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Line	Turbines	Name	Start	Finish	Duration	Overall percent complete	2020												D													
							June			July			August			September				October			November									
							8	15	22	29	6	13	20	27	3	10	17	24	31	7	14	21	28	5	12	19	26	2	9	16	23	30
59		Restore Public Radd 27	10/14/20	10/14/20	8h																										 Restore Public Radd 27	
60	35,41,49	Road T- 35-49 Place 2" Cap	10/14/20	10/14/20	25min 49s																										 Road T- 35-49 Place 2" Cap	
61	57	Turbine 57 Restore Site	10/14/20	10/14/20	4h																										 Turbine 57 Restore Site	
62	31	Turbine 31 Rock Ring & Spur Road	10/14/20	10/14/20	4h																										 Turbine 31 Rock Ring & Spur Road	
63	31	Road T- 31 Place 2" Cap	10/14/20	10/14/20	26min 7s																										 Road T- 31 Place 2" Cap	
64	58	Turbine 58 Restore Site	10/14/20	10/14/20	4h																										 Turbine 58 Restore Site	
65	55	Road T- 47-55 Remove Entrance Radd	10/15/20	10/15/20	8h																										 Road T- 47-55 Remove Entrance Radd	
66	38	Turbine 38 Restore Site	10/15/20	10/15/20	4h																										 Turbine 38 Restore Site	
67	38	Turbine 38 Rock Ring & Spur Road	10/15/20	10/15/20	4h																										 Turbine 38 Rock Ring & Spur Road	
68	55	Turbine 55 Restore Site	10/15/20	10/15/20	4h																										 Turbine 55 Restore Site	
69		Fiber Testing: Feeder 13B	10/16/20	10/19/20	2d																										 Fiber Testing: Feeder 13B	
70	38	Road T- 38 Remove Entrance Radd	10/16/20	10/16/20	8h																										 Road T- 38 Remove Entrance Radd	
71	38	Road T- 38-55 Place 2" Cap	10/16/20	10/16/20	27min 59s																										 Road T- 38-55 Place 2" Cap	
72	47	Turbine 47 Restore Site	10/16/20	10/16/20	4h																										 Turbine 47 Restore Site	
73	15	Turbine 15 Restore Site	10/16/20	10/16/20	4h																										 Turbine 15 Restore Site	
74		Feeder Completion: Feeder 13A	10/19/20	10/23/20	5d																										 Feeder Completion: Feeder 13A	
75		Feeder Completion: Feeder 11B	10/19/20	10/23/20	5d																										 Feeder Completion: Feeder 11B	
76		Restore Public Radd 90th Ln & 80th Rd	10/19/20	10/19/20	8h																										 Restore Public Radd 90th Ln & 80th Rd	
77	15	Turbine 15 Rock Ring & Spur Road	10/19/20	10/19/20	4h																										 Turbine 15 Rock Ring & Spur Road	
78	20	Turbine 20 Restore Site	10/19/20	10/19/20	4h																										 Turbine 20 Restore Site	
79		O & M Building Completion	10/19/20	10/29/20	64h																										 O & M Building Completion	
80		Touch-Up/Punchlist	10/19/20	10/26/20	5d																										 Touch-Up/Punchlist	
81	15	Road T- 15 Place 2" Cap	10/19/20	10/19/20	27min 22s																										 Road T- 15 Place 2" Cap	
82	20	Turbine 20 Rock Ring & Spur Road	10/19/20	10/19/20	4h																										 Turbine 20 Rock Ring & Spur Road	
83	24	Turbine 24 Restore Site	10/19/20	10/19/20	4h																										 Turbine 24 Restore Site	
84		Feeder Completion: Feeder 13B	10/20/20	10/26/20	5d																										 Feeder Completion: Feeder 13B	
85	MET	Delivery/offload MET Tower	10/20/20	10/21/20	2d																										 Delivery/offload MET Tower	
86	24	Road T- 24 Remove Entrance Radd	10/20/20	10/20/20	8h																										 Road T- 24 Remove Entrance Radd	
87	20	Road T- 20 Place 2" Cap	10/20/20	10/20/20	29min 17s																										 Road T- 20 Place 2" Cap	



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Line	Turbines	Name	Start	Finish	Duration	Overall percent complete	2020																															
							June				July				August				September				October				November				D							
							8	15	22	29	6	13	20	27	3	10	17	24	31	7	14	21	28	5	12	19	26	2	9	16		23	30					
88	24	Turbine 24 Rock Ring & Spur Road	10/20/20	10/20/20	4h																															24	Turbine 24 Rock Ring & Spur Road	
89	24	Road T- 24 Place 2" Cap	10/20/20	10/20/20	2h 34.13min																															24	Road T- 24 Place 2" Cap	
90	58	Turbine 58 Rock Ring & Spur Road	10/20/20	10/20/20	4h																															58	Turbine 58 Rock Ring & Spur Road	
91	20	Road T- 15 - 20 Remove Entrance Radii	10/21/20	10/21/20	8h																															20	Road T- 15 - 20 Remove Entrance Radii	
92	58	Road T- 58 Place 2" Cap	10/21/20	10/21/20	2h 43s																															58	Road T- 58 Place 2" Cap	
93	57	Turbine 57 Rock Ring & Spur Road	10/21/20	10/21/20	4h																															57	Turbine 57 Rock Ring & Spur Road	
94	57	Road T- 57 Place 2" Cap	10/21/20	10/21/20	1h 49.53min																															57	Road T- 57 Place 2" Cap	
95	55	Turbine 55 Rock Ring & Spur Road	10/21/20	10/21/20	4h																															55	Turbine 55 Rock Ring & Spur Road	
96	MET	Inspect/Assemble - MET Tower	10/22/20	10/23/20	2d																															MET	Inspect/Assemble - MET Tower	
97		Restore Public Radii 31	10/22/20	10/22/20	8h																																Restore Public Radii 31	
98	47	Turbine 47 Rock Ring & Spur Road	10/22/20	10/22/20	4h																															47	Turbine 47 Rock Ring & Spur Road	
99	55,47	Road T- 38-55 Place 2" Cap	10/22/20	10/22/20	3h 15.22min																															55,47	Road T- 38-55 Place 2" Cap	
100		Caps Complete	10/22/20	10/22/20																																	Caps Complete	
101		Restore Public Radii 20	10/23/20	10/23/20	8h																																Restore Public Radii 20	
102	MET	Instrumentation - MET Tower	10/26/20	10/27/20	2d																															MET	Instrumentation - MET Tower	
103		Restore Public Radii 19	10/26/20	10/26/20	8h																																Restore Public Radii 19	
104		Certificate of Occupancy	10/26/20	10/29/20	3d																																Certificate of Occupancy	
105		Public Radi Complete	10/26/20	10/26/20																																	Public Radi Complete	
106	MET	Fencing	10/28/20	10/30/20	3d																															MET	Fencing	

Types of Work

Entrance Removal/ Infield Radii Removal	MET Tower Offload	MEP Mechanical Room	Culvert Removal	MET Tower Assembly	Remove Crane & H1 pads	MET Tower Erection	SCADA Room	Spur Road and Rock Ring	MET Tower Completion
Place 2" Cap	Site Improvements	Crane Path Removal	O & M Building Completion	Restore Public Road Radii	Fiber Testing	VLF Testing	Feeder Completion		

Milestone Appearances

- Diamond

Group/Sort: Cranes  
View: 3 Week LookAhead  
Filter: 3 Week Look Ahead

**Natural Order**

Start Date: 3/12/2019  
Finish Date: 12/9/2020  
Progress Date: 10/7/2020

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Run Date: 10/8/2020  
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Project Path/ID: K:\Wind\19141022 NorFoRidge\Shared\81 - Scheduling\81.03 - ASTA Schedules\Updates\10 - October Updates\NFR V12.0\_10.8.20\_V102\_BOP.pp

**Exhibit C – Open RFI Log**



**RFI LOG**

#	Subject	Status	Responsible Contractor	Received From	Assignee	Date Initiated	RFI Manager	Due Date	Closed Date	Ball In Court	Location	Schedule Impact	Cost Code	Cost Impact
231	Service Lift Power Box Location	Open	Mortenson - Wind ...	Bradway, Jake (Mortenson - Wind Energy)	Jones, Matthew (V...	09/23/2020	Jake Bradway	09/26/2020		Jones, Matthew (V...				
230	Light Box Height for V110 and V120	Open	Vestas	None	Jones, Matthew (V...	09/18/2020	Smit Khapuwala	09/21/2020		Jones, Matthew (V...	Turbines			
227	Vestas Fiber Drawings for 59 and 66	Open		None	Jones, Matthew (V...	08/27/2020	Jack Elliott	08/30/2020		Elliott, Jack (Mo...				
226	Drainage Crossing Addition - T-93/97 Access Road	Open		None	Mortenson, Paige ... Wirt, David (West...	08/20/2020	Chase Norwood	08/23/2020		Mortenson, Paige ... Wirt, David (West...	T93/97			Yes (Unknown)
219	Circuit 12A Cable Repair	Open		None	Johnson, Jon (Sol... Forster, Christia... Brennan, Troy (So... Pellinen, Matt (S...	08/04/2020	Jack Elliott	08/07/2020		Elliott, Jack (Mo...				
218	Circuit 11B Fault Indicator Location	Open		None	Lay, Steve (Morte... Frank, Eric (Mort...	07/28/2020	Jack Elliott	07/31/2020		Elliott, Jack (Mo...				
217	Circuit 11A Cable Repair	Open		None	Johnson, Jon (Sol... Forster, Christia... Pellinen, Matt (S...	07/27/2020	Jack Elliott	07/30/2020		Elliott, Jack (Mo...				
139	Vestas PSSE Dynamic Models	Open	Mortenson - Engin...	Anderson, Tami (Mortenson - Engineering Services Group)	Jones, Matthew (V... Diallo, Tafsir	03/24/2020	Tammy Abbey	03/31/2020		Jones, Matthew (V... Diallo, Tafsir				

**Exhibit D – Open Submittal Log**

**All Submittals**

Spec Section	#	Rev.	Title	Type	Status	Responsible Contractor	Final Due Date	Submit By	Location	Received From	Received Date	Ball In Court	Approvers	Response	Sent Date	Returned Date	Due Date	Distributed Date
W34 - Permits	W34-35	0	NTIA	Permits	Open	Liberty Utilities (Missouri)	02/26/2020			Becky Heffren		Jhoanna Sadural (Mortenson - Wind Energy)	Becky Heffren (Liberty Utilities (Missouri)) Jhoanna Sadural (Mortenson - Wind Energy)	Approved Pending	02/13/2020 09/10/2020	09/10/2020	02/19/2020 02/26/2020	
W34 - Permits	W34-24	0	CWA Sec 404 Permit	Permits	Open	Liberty Utilities (Missouri)	01/07/2020			Becky Heffren		Thea Daguison (Mortenson - Wind Energy)	Becky Heffren (Liberty Utilities (Missouri)) Jhoanna Sadural (Mortenson - Wind Energy)	Submitted Revise And Resubmit	12/10/2019 01/03/2020	01/03/2020 02/27/2020	12/24/2019 01/07/2020	
W34 - Permits	W34-17	0	Right of Way Crossing Permits	Permits	Open	Liberty Utilities (Missouri)	01/07/2020			Becky Heffren		Jhoanna Sadural (Mortenson - Wind Energy)	Becky Heffren (Liberty Utilities (Missouri)) Jhoanna Sadural (Mortenson - Wind Energy)	Submitted Pending	12/10/2019 03/16/2020	03/16/2020	12/24/2019 01/07/2020	
W34 - Permits	W34-16	0	Floodplain Development Permit	Permits	Open	Liberty Utilities (Missouri)	01/07/2020			Becky Heffren		Jhoanna Sadural (Mortenson - Wind Energy)	Becky Heffren (Liberty Utilities (Missouri)) Jhoanna Sadural (Mortenson - Wind Energy)	Submitted Pending	12/10/2019 01/13/2020	01/13/2020	12/24/2019 01/07/2020	
W34 - Permits	W34-3	0	FPA Sec 204 Authority	Permits	Open	Liberty Utilities (Missouri)	01/07/2020			Becky Heffren		Jhoanna Sadural (Mortenson - Wind Energy)	Becky Heffren (Liberty Utilities (Missouri)) Jhoanna Sadural (Mortenson - Wind Energy)	Submitted Pending	12/10/2019 02/07/2020	02/07/2020	12/24/2019 01/07/2020	
W33 - Met Towers	W33-12	0	Met Tower Grounding Plan		Open	Mortenson - Wind Energy	10/13/2020			Smit Khapuwala		Melody Cote (Solas Energy Consulting)	Melody Cote (Solas Energy Consulting) Matt Pellinen (Solas Energy Consulting)	Pending Approved As Noted	09/29/2020 09/29/2020	10/05/2020	10/13/2020 10/13/2020	
W33 - Met Towers	W33-11	0	MET Tower Foundation Orientation		Open	Mortenson - Wind Energy	10/06/2020		Met Tower	Smit Khapuwala		Tom Forester (Mortenson - Wind Energy)	Melody Cote (Solas Energy Consulting) Tom Forester (Mortenson - Wind Energy) Matt Pellinen (Solas Energy Consulting)	Approved Pending Approved	09/22/2020 09/22/2020	10/07/2020 09/22/2020	10/06/2020 10/06/2020	
W33 - Met Towers	W33-10	0	NFR - MET tower concrete mix design	Design Data	Open	Mortenson - Wind Energy	09/29/2020	09/15/2020	Met Tower			Smit Khapuwala (Mortenson - Wind Energy)	Melody Cote (Solas Energy Consulting) Matt Pellinen (Solas Energy Consulting)	Approved Approved	09/15/2020 09/15/2020	09/30/2020 09/17/2020	09/29/2020 09/29/2020	
W25 - Substation	W25-85	0	NERC FAC-002-2		Open	Mortenson - Engineering Services	10/26/2020			Katie Dunphy		Shaen Rooney (Liberty Utilities (Missouri))	Shaen Rooney (Liberty Utilities (Missouri))	Pending Pending	10/12/2020 10/12/2020		10/26/2020 10/26/2020	



Spec Section	#	Rev.	Title	Type	Status	Responsible Contractor	Final Due Date	Submit By	Location	Received From	Received Date	Ball In Court	Approvers	Response	Sent Date	Returned Date	Due Date	Distributed Date	
						Group						Jacob Schueller (Mortenson - Energy Storage & Solutions)	Jacob Schueller (Mortenson - Energy Storage & Solutions)						
W25 - Substation	W25-84	0	Substation P&C As-Builts	As Built	Open	Mortenson - Engineering Services Group	10/06/2020					Armin Etemadi (Mortenson - Power Delivery Solutions)	Armin Etemadi (Mortenson - Power Delivery Solutions) Armin Etemadi (Mortenson - Power Delivery Solutions) Tami Anderson (Mortenson - Engineering Services Group) Katie Dunphy (Mortenson - Engineering Services Group) Mike Manthei (Mortenson - Engineering Services Group) Armin Etemadi (Mortenson - Power Delivery Solutions)	Submitted Pending Pending Pending Pending	09/08/2020 09/08/2020 09/08/2020	09/08/2020	09/08/2020 09/16/2020 10/02/2020 10/02/2020 10/02/2020 10/06/2020		
W25 - Substation	W25-78	0	NERC FAC-008-3		Open	Mortenson - Engineering Services Group				Katie Dunphy		Katie Dunphy (Mortenson - Engineering Services Group)							
W25 - Substation	W25-43	0	Substation E/P As-Builts	As Built	Open	Mortenson - Engineering Services Group	09/16/2020					Tami Anderson (Mortenson - Engineering Services Group) Katie Dunphy (Mortenson - Engineering Services Group) Mohammed Fadlallah (Mortenson - Engineering Services Group) Kyle Kraus (Mortenson - Engineering Services Group)	Armin Etemadi (Mortenson - Power Delivery Solutions) Tami Anderson (Mortenson - Engineering Services Group) Katie Dunphy (Mortenson - Engineering Services Group) Mohammed Fadlallah (Mortenson - Engineering Services Group) Kyle Kraus (Mortenson - Engineering Services Group) Armin Etemadi (Mortenson - Power Delivery Solutions)	Submitted Pending Pending Pending Pending	08/19/2020 08/19/2020 08/19/2020 08/19/2020 08/19/2020	08/19/2020	08/19/2020 09/11/2020 09/11/2020 09/11/2020 09/16/2020		
W17 - Underground Collection System	W17-40	0	Fiber As-Builts	As Built	Open							Megan Pamperin (Mortenson - Power Delivery Solutions)							
W17 - Underground	W17-39	0	Splice As-Builts	As Built	Open							Megan Pamperin (Mortenson - Power Delivery Solutions)	Megan Pamperin (Mortenson - Power Delivery Solutions)	Pending					

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	
Collection System												Delivery Solutions)	Delivery Solutions)						
W17 - Underground Collection System	W17-38	0	MV Termination As-Builts	As Built	Open							Megan Pamperin (Mortenson - Power Delivery Solutions)	Megan Pamperin (Mortenson - Power Delivery Solutions)	Pending					
W17 - Underground Collection System	W17-37	0	Plowing As-Builts	As Built	Open		07/03/2020					Eric Frank (Mortenson - Engineering Services Group) Steve Lay (Mortenson - Engineering Services Group)	Megan Pamperin (Mortenson - Power Delivery Solutions) Eric Frank (Mortenson - Engineering Services Group) Steve Lay (Mortenson - Engineering Services Group) Jack Elliott (Mortenson - Power Delivery Solutions)	Submitted Pending Pending Pending	05/05/2020 05/05/2020	05/05/2020 07/03/2020 07/03/2020			
W11 - WTG Erection	W11-2	0	Supplemental FAA Liggths		Open	Mortenson - Wind Energy	09/28/2020			Aaron Miller		Aaron Miller (Mortenson - Wind Energy)	Matt Pellinen (Solas Energy Consulting)	Approved	09/14/2020	09/21/2020	09/28/2020		
W03 - Access Roads	W03-5	0	Access Road Signage	Shop Drawings	Open	Mortenson - Wind Energy	09/05/2020			Jake Bradway		Jake Bradway (Mortenson - Wind Energy)	Christian Forster (Solas Energy Consulting)	Approved As Noted	08/22/2020	09/14/2020	09/05/2020		
	T-107	0	T-107 - Job Book		Open	Mortenson - Wind Energy			Turbines>T-107	Jake Bradway		Jake Bradway (Mortenson - Wind Energy)							
	SWPPQ	0	Foundation Below Grade Patching		Open							Aaron Miller (Mortenson - Wind Energy)							
	1	0	NFR Floodplain Development Permits	Permits	Open	Mortenson - Power Delivery Solutions						Kyle Gerking (Tenaska)							



**Exhibit E – Cost Issue Log**

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



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



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



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



**Exhibit F – Permit Matrix**



North Fork Ridge Wind, LLC - Permit Matrix

Updated: 9/02/2020

Item	Agency	Permit / Approval	Description	Responsibility	Status	Notes	Procure Summittal #
<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	Working through LGIA 1/6/2020 - in procure 1/15/2020 - in procure 2/7/2020 - uploaded on procure this morning, forward movement not final yet? 3/13 - letter in procure still pending 6/3/2020 - in progress 7/17/2020 - Market Based Rate Authority	W34-1
1b		Market-Based Rate Authority and Tariff		Owner	In Progress		
1c		FPA Sec 204 Authority		Owner	Not Required		
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	1/6 - In Procure 1/15 - updated phase one, becky will upload 2/7 need to update	Feb 19- W34-4 Rev 1
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	12/10 - We have draft report & will go to final version when onsite. Send draft and final to Becky via Procure. 1/8 - Jhoanna to schedule Westwood training and kick off to SPCC 3/12/2020 - Westwood has all information they need from us. Jhoanna will contact Westwood to get an ETA 4/3/2020 - Westwood has two more items to close out then will issue final 5/7/2020 - Final issued on May 5th. Uploaded onto Procure.	#W34-5 Revision
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. 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.	Owner	Complete	12/10 - Tenaska worked on this, becky will verify. 1/15 - in Procure. Becky follow up with commissioner 2/7/2020 - Becky will followup 3/13/2020 - Does Mortenson need anything for 2 repeaters? Are we required to report anything 4/3/2020 - don't need to report anything for repeaters 7/17/2020 - MAM continues to submit the topped out towers, survey data is available	
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	12/10/2019 - Too early. 1/15/2020 - Submitted, completed 2019, it's in system, in Procure 2/7/2020 - will need to update 3/13/2020 - 2019 report For March, Becky will submit	#W34-7
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	In Progress	Tenaska was working on this 1/15 - On landowners to complete process. Looking to get final documentation 3/13/2020 - Land agents waiting on paper work, confirming if we need anything for this. 7/17/2020 - Liberty has reached out and is in progress	not in Procure
5b		Form AD-1006	If federal agencies are involved then the Farmland Protection Policy Act (FPPA) requires a review of the conversion of prime farmland to other uses	Owner	In Progress	Tenaska was working on this 1/15 - On landowners to complete process. Looking to get final documentation 3/13/2020 - Land agents waiting on paper work, confirming if we need anything for this. 7/17/2020 - Liberty has reached out and is in progress	not in Procure
5c		FSM Mortgage Subordinations & Site-Specific Environmental Assessments	Required if if FSA mortgage is in place on parcel. Associated with FSA Mortgage Site-Specific Environmental Subordinations Assessments	Owner	In Progress	Tenaska was working on this 1/15 - On landowners to complete process. Looking to get final documentation 3/13/2020 - Land agents waiting on paper work, confirming if we need anything for this. 7/17/2020 - Liberty has reached out and is in progress	not in Procure
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 permits) will not adversely affect threatened or endangered species. Regulates the incidental take of gray bats or bald or golden eagles as well as the temporary and permanent impacts to waters of the United States. Federal action agency (USFWS and Corps of Engineers) will issue a Biological Assessment to USFWS which starts either an informal consultation leading to concurrence, or a formal consultation leading to a Biological Opinion and likely an ESA Sec. 10 Incidental Take Permit.	Owner	Complete	1. Bird and Bat Work Plan 2. Site Characterization Study 3. Eagle Risk Assessment 2/7 - once we have finals, becky will upload. 3/13/2020 - Becky will upload drafts for ECP and HCP 5/7/2020 - Rough draft of ECP and HCP in Procure 6/3/2020 - Waiting on final reports, Liberty will upload onto Procure once received	#W34-11
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 TFP is issued. Voluntary action by the Project Company. Terms are negotiated with USFWS.	Owner	Complete	1/15/2020 - There are two items in Procure. Jhoanna to contact Galham	W34-12
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	Complete	12/10 - We have the application. We will have monitoring plan in place for construction finalized soon that includes training. Conversation as early as Thursday. 1/8 - not in procure. 1/15 - still working 2/6/2020 - Received and in Procure	MW34-24 Revision 1
8a	Federal Aviation Administration (FAA) - Central Region Office	Federal Aviation Administration Notification Form 7460-1	Determination of No Hazard (DNH) for the applicable structures	Owner	Complete	3/13/2020 - in procure	
8b		Federal Aviation Administration Notification Form 7460-2	Submit Form 7460-2 on a schedule in accordance with the DNH for applicable structures	Owner and Contractor <sup>(1)</sup>	In Progress	5 day after 1/8/2020 - Will submit after first foundation & erection. Within 5 days of top out. Capital Airspace will execute after we notify them. 2/7/2020 - Jhoanna will work on process.*2 spreadsheets on Procure 6/3/2020 - MAM has been submitting weekly as tower are topped off.	
9	Federal Emergency Management Administration (FEMA) - Missouri Water Resources Board - Missouri Floodplain Managers Association- 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	12/8 - HVT has submitted on Procure. 1/13/2020 - On Procure	#W34-19
10	Federal Land Manager (BLM, USBR, Forest Service)	Right Of Way Crossing Permits	Right-of-Way grant over federal lands. Not required if project does not cross federal lands. Not applicable under proposed site plan.	Owner	Not Needed		

STATE PERMITS						
11	Missouri Public Service Commission Utilities Board	Certificate of Public Convenience, Use, and Necessity		Owner	Complete	Becky will send to Micah. On procore. 2/6/2020 Application uploaded on Procore. Becky will let us know if she needs anything from us. 3/13/2020 - double check if permit is uploaded.
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	
13a		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 SWPPP waters might have additional discharge restrictions outlined in the SWPPP	Owner and Contractor <sup>(2)</sup>	Complete	We have: 1. Land Disturbance Permit 2. SWPPP Report with comments Waiting on NOI. Waitin on Westwood 1/6/2020 - in procore #W34-20 Revision
13b	Missouri Department of Natural Resources (MDNR)	New Source Review Permit (Construction Permit)	Required if a concrete batch plant will be onsite during wind farm construction.	Contractor	Complete	1/8/2020 - Ihoanna is in touch with Capital materials on getting updated permit due to Batch Plant location change. 1/15 - expecting soon (sent about a month ago) 2/7/2020 - add air quality permit #W34-21
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	2/6/2020 - in Procore #W34-22
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	Not Needed	
14	Missouri State Historic Preservation Office (SHPO)	Consurrence that the federal action (CWA Sec 404 permits) will have little likelihood to cause effect 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 little likelihood to cause effect conclusion. Consultation with MoSHPO may be required if the federal action agency cannot reach a little likelihood to cause effect conclusion. Government-to-government consultation with Tribes will occur.	Owner	Complete	1/15 - Becky will upload on Procore. 2/7/2020 - in procore #W34-24 Revision 0:
15a		Missouri Highways and Transportation Commission Permit to Work on Right of Way Non-Local Government Projects	Required for any work within MoDOT maintained rights-of-way. Authorization for equipment, manpower, ect to perform work in ROW. Maintenance Agreement required to perform road upgrades and maintenance during construction	Owner and Contractor <sup>(3)</sup>	Complete	1/15 - Not in Procore.
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	1/6 - in procore. #W34-26 Revision
15c	Department of Transportation	Utility Permits - Collection	Applies to all collection lines that enter the state right-of-way	Owner and Contractor <sup>(5)</sup>	Complete	2/27/2020 - permit request was sent 3/13/2020 - almost complete, just need signature #W34-27
15d		Utility Permits - Gen-Tie		Owner and Contractor <sup>(6)</sup>	Complete	1/24 - permit request into sent 2/7/2020 - out for signature 3/13/2020 - waiting for subcontractor to be uploaded. #W34-28
15e		Oversize/Overweight Permit for State Highways	Delivery of oversized/ overweight project components	Contractor and Vestas <sup>(7)</sup>	Not Needed	Trucking contractor will handle. MAM to follow up regarding cranes. 1/15 - Aaron sent an email. 2/7 - in Vestas court
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	In civil's court to get from blasting contractor. Need air quality for blasting operations. Ask Tony. Sent final to Becky. 1/15/2020 - should be getting soon, filled out by subcontractor and waiting on permit. 2/7/2020 - in mail, permit received #W34-30
16b		Plan Review Submittal Form	State Statute 327.301 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	Not Needed	MAM to determine if this is needed. 2/7/ - in progress 3/13/2020 - O&M Address 5/7/2020 - Not needed by Missouri Fire Marshal
LOCAL PERMITS						
17a		Building Permit	If required	Contractor	Not Needed	12/10 - Titan to provide. Need to sign contract and drawings.
17b		Oversize/ Overweight Permits	If required	Contractor and Vestas <sup>(8)</sup>	Not Needed	12/10 - In Vestas court. Might need for RT cranes. Aaron will look into it. 1/15 - Aaron on it.
17c		Road Use Agreement and Project Implementation Agreement		Owner and Contractor <sup>(9)</sup>	Complete	12/10 - MAM review county permits. Jasper county waiting to be signed. In liberty's court for signature. 1/15 - Jasper County. There is an executed agreement 5/2- BUA uploaded #W34-33
17d	Barton and Jasper Counties, Planning & Zoning (North Fork Ridge site)	Utility and Pipeline Crossing Permits	Local utilities and pipelines crossings as required	Owner and Contractor <sup>(10)</sup>	Complete	12/10/2019 Electrical - no requirements if outside city limits Windstream - contacting Barton County Water - contacting Modot - submitted pipeline boring. Local Barton county, none needed. ** Tim and Micah will have letter to meet with Barton county to confirm nothing is needed from them. Need an RFI for other counties if they require anything. 1/15 - Micah sent a status on Barton County water need to followup. Aaron has been in touch with Brett from Magellan 2/7/2020- Magellan is reviewing package we provided. We got road location changes approved, waiting on Magellan. Waiting on Barton County Water. 3/13/2020 - waiting on response for Magellan. Barton county water - no encroachment permit is necessary. Do we need formal documentation 5/7/2020 - Uploaded onto Procore #W34-34

(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, cross/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.  
 (8) 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.  
 (9) 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.  
 (10) 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.


Environmental Compliance

NORTH FORK RIDGE

Avoidance and Minimization Measures During Construction, Commissioning and Initial Activities

	Target Resources											MORTENSON SUMMARY OF COMPLIANCE	Comments	
	Gray Bat	Other Bat Species	Eagle/Raptor Birds	Mead's Milkweed	Ozark Cavefish	MO Bladderpod	Neosho Madtom	Rabbitsfoot Mussel, Neosho Mucket	Plain's Spotted Skunk	Streams and Rivers	Wetlands			Archaeology Osage Areas of Concern
Erosion and soil stabilization measures will be implemented for all Project development following the Storm Water Pollution Prevention Plan (SWPPP) that will ensure avoidance of potential runoff impacts to the species					x		x	x		x	x		Weekly SWPPP inspections and corrective action maintenance. Also have temporary seeded most sites	
Horizontal Directional Drilling of all perennial streams for buried collection lines					x		x	x		x	x		All Waters of the United States have been bored underneath. Drive only on project roads and access roads. Temporary and permanent culvert installation in-progress	
Aquatic life passage systems will be maintained during access road, temporary crane paths, and other construction activities.					x		x	x					N/A	
Avoid Limestone Glades						x							N/A	
Tree clearing will be limited to between August 1 and March 31	x	x											Tree clearing was completed within the allowable USFWS clearing time period.	
Impacts to any known caves or known bat roosts will be avoided	x	x			x		x						N/A	
Turbine testing and operation at a cut-in speed of 8.0 m/s (17.9 mph) or greater during the Gray bat active season defined as March 1 through November 15. The cut-in speed will begin 30 minutes before sunset and 30 minutes after sunrise. However, if temperatures are below 10°C (50°F), the cut-in speed is waived;	x													
Bat mortality monitoring for Gray bats will be conducted when commissioning and initial operations begin; and results will be reported as per USFWS recommendations.	x												N/A	
The Reporting System will be used for any bird, bat or spotted skunk fatalities or injuries.	x	x	x										Process discussed during 1st hour	
Take of ESA-listed species or eagles will be reported within 24 hours of discovery.	x	x	x										Process discussed during 1st hour	
All bat carcasses found will be retained for sampling	x	x											Process discussed during 1st hour	
Design Considerations: turbine towers (tubular, not lattice); marking of overhead transmission line with bird diverters to reduce avian collisions where necessary; guy wires avoided unless appropriately marked; overhead transmission lines follows APLIC guidelines; buried collection lines	x	x	x										Transmission line designed in compliance with AHJ requirements.	
North Fork Ridge will use native species when seeding or planting during restoration after construction and will consult with appropriate state and federal agencies regarding native species to use for restoration.			x	x				x					No CRP property. Local conservation agency to be consulted for wetland restoration mixes and landowners to be consulted for pasture mixes	
Use construction and best management practices to minimize activities or features (e.g., brush piles, dead animal carcasses) that may attract prey and predators to the facility.			x					x					Reprising and removal of dead animals as necessary	
After construction is complete, North Fork Ridge will close roads not needed for site operations and restore temporary roadbeds to native vegetation, consistent with landowner agreements			x										N/A - end of project	
Reduce vehicle collision risk to wildlife by using speed limits of 20 mph or less on Project access roads and by instructing personnel to drive at appropriate speeds on public roads, to be alert for wildlife, and to use additional caution in low-visibility conditions.			x						x				Access road speed limit is 15 miles per hour. This is presented during 1st hour orientation and reiterated through daily safety messages.	
Use clean native seed mixes to prevent invasive species from colonizing temporary workspaces where applicable.			x	x									Using local noxious weed regulations to select best materials and certify seed mixes	
Properly manage garbage and waste disposal to avoid attracting wildlife with supplemental food.			x						x				Personal trash pickup and recycling is enforced with dumpsters around site.	
After construction is complete, North Fork Ridge will close roads not needed for site operations and restore temporary roadbeds to native vegetation, consistent with landowner agreements.			x										Yes.	
When fencing is necessary, construction will use wildlife compatible design standards.			x										Yes	
Minimize lighting at project, O&M facilities and substations that could attract birds, bats and other animals. All turbine nacelle and tower lighting will be extinguished when unoccupied.	x	x	x										Yes	
Conduct training of onsite personnel of T & E species identification and reporting	x	x	x						x				Covered in 1st hour orientation	
Conduct training and Implement MID Plan for any archaeological findings or discovery of remains												x	Covered in 1st hour orientation	
Avoid or minimize impacts to existing wetlands, springs or areas that pond water									x	x	x		1st hour orientation, marking of wetlands, project pre-planning	
Avoid instream and stream bank disturbances including stabilizing the banks with foreign materials (e.g. riprap)										x	x		Will restore to original slope and use blanket and native seed mixes to stabilize	
Avoid encroachment or development of floodplains										x	x		1st hour orientation, marking of wetlands, project pre-planning, crane walks	
Restore WOUS to pre-construction conditions within 3 months of crossing completion.										x	x		All temporary impacts will be restored and documented as needed	

**Exhibit G – Safety Reports**



## Safety and Quality Event Management

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**Browse By** Project ▼

**Project Number**

**Project Name**

**Date Range**  📅 to  📅

**Search For**

**Type**

Select All

Injury  Near Miss

Quality Defect  OSHA Visit

Property Damage  Environmental Issue

Unplanned Disruption (Service, Use or Schedule)  Low Impact Quality Incident

Hazard Recognition

**Status**

Initial  Show Only Diamond Events

Investigation

Closed

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Please note: When entering or editing an event you must use Internet Explorer

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**Your search returned 3 results.**


Group	Project Number	Project Name	Event Number	Date	Event Type	Company (Performing Work)	Brief Description	Event Status
Renewable Energy Groups	19148019	North Fork Ridge (Wind)	<a href="#">EV2020228098</a>	9/16/2020 2:00:00 PM	Injury	Mortenson	HL 1 Team Member struck and bruised his knee with a small sledge while installing a defective silt fence stake.	Closed
Renewable Energy Groups	19148019	North Fork Ridge (Wind)	<a href="#">EV2020227593</a>	9/2/2020 4:00:00 PM	Near Miss	Sprouls Construction Inc.	Trade Partner was unloading aggregate at the substation. Pulling away with the box in the air to spread the load, the operator came in contact with the above ground power line. No disruption or property damage.	Closed
Renewable Energy Groups	19148019	North Fork Ridge (Wind)	<a href="#">EV2020227586</a>	9/2/2020 1:30:00 PM	Injury	Mortenson	HL 0 Team member was picking up branches and pinched their finger between the two branches.	Closed

**Your search returned 3 results.**

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Mortenson Proprietary



## Safety and Quality Event Management

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**Browse By** Project ▼

**Project Number**

**Project Name**

**Date Range**  to

**Search For**

**Type**

Select All

Injury  Near Miss

Quality Defect  OSHA Visit

Property Damage  Environmental Issue

Unplanned Disruption (Service, Use or Schedule)  Low Impact Quality Incident

Hazard Recognition

**Status** **Category**

Initial  Show Only Diamond Events

Investigation

Closed

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[Search](#)
[Clear Search Results](#)
Please note: When entering or editing an event you must use Internet Explorer

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**Your search returned 6 results.**

Group	Project Number	Project Name	Event Number	Date	Event Type	Company (Performing Work)	Brief Description	Event Status
Renewable Energy Groups	19141022	North Fork Ridge Wind	<a href="#">EV2020228246</a>	9/19/2020 7:10:00 AM	Injury	Mortenson	HL 1 During Bend N' Stretch a Team Member bent down doing the operator and felt a pop in the left knee.	Closed
Renewable Energy Groups	19141022	North Fork Ridge Wind	<a href="#">EV2020228150</a>	9/13/2020 3:30:00 PM	Injury	Mortenson	HL 1 Team member was picking up sticks in the Laydown Yard during clean up and noticed a slight redness on his chest.	Closed
Renewable Energy Groups	19141022	North Fork Ridge Wind	<a href="#">EV2020227869</a>	9/10/2020 1:30:00 PM	Injury	Mortenson	HL 1 An ironworker at T-21 was lifting a tool bag from the transition deck onto the service lift. The "Lad-Saf" swung up and contacted the upper lip, resulting in a minor laceration.	Closed
Renewable Energy Groups	19141022	North Fork Ridge Wind	<a href="#">EV2020227789</a>	9/8/2020 1:15:00 PM	Injury	Mortenson	HL 1 Ironworker was lowering the service lift cable (12mm) at T-42 when he lost his grip bumping his index finger against the galley wall.	Closed
Renewable Energy Groups	19141022	North Fork Ridge Wind	<a href="#">EV2020228161</a>	9/4/2020 5:00:00 PM	Injury	Mortenson	HL 1 Team Member noticed a rash developing in the crook of his elbow and on both arms.	Closed
Renewable Energy Groups	19141022	North Fork Ridge Wind	<a href="#">EV2020227504</a>	9/1/2020 1:05:00 PM	Property Damage	Mortenson	During operation, an entry door window shattered on a forklift.	Closed

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**Your search returned 6 results.**

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Mortenson Proprietary

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

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*See attached*



# Monthly Progress Report North Fork Ridge

**September 1-30, 2020**

<b>Customer:</b>	<b>Liberty (North Fork Ridge Wind LLC.)</b>		
Project Name:	North Fork Ridge	Project Manager:	Richard Sassara
Turbines:	(12) V110 Mk10C 2.0MW, 5-sec towers. (57) V120 M11D 2.2MW, 5-sec towers,	Construction Manager(s): FSC:	Matthew Jones Frank Danino
Contract Type:	TSA	Installation Lead:	Tom Beal
Project Location:	967 RT -126 Liberal, MO	HSE Specialist:	Mark Abaham

## 1. Executive Summary

- MCC of turbines (68 MCC submitted currently).
- Commissioning is ongoing. 9 as of 10.5.20

## 2. Safety

0 Incidents. 0 Hazardous Observations. 0 Environmental

Absolute indicators	This month	Accumulated
# of LTIs	0	0
# of environmental incidents	0	5
# of near misses/incidents	0	19
# of workhours*	5,237	24,151

## 3. Key Items

1. Commissioning of turbines. 9 commissioned currently.
2. One commissioning team tech tested positive for Covid. Two Vestas personnel in contact were placed in quarantine. One tested negative and returns to work 10.12.20. Awaiting results on other individual.
3. Seeking additional resource team members. Two more expected week of 10.12.20
4. As site begins to “demob”, reminder that contractually Buyer must provide support for Vestas activities for two weeks after last turbine commissioned.

## 4. Scope Items

### Assembly/delivery to pad \*

Components delivered to pad

- Base 69 (69 total) Complete
- Lower Mid 69 (69 total) Complete
- Top 69 (69 total) Complete
- Nacelle 69 (69 total) Complete
- Hub 69 (69 total) Complete
- Blades 69 (69 total) Complete



# Monthly Progress Report

## North Fork Ridge

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Turbines fully assembled: 69/69 100% Complete

- Base 69 (69 total)
- Mid 69 (69 total)
- Top 69 (69 total)
- Nacelle 62 (69 total)
- Hub 69 (69 total)
- Blades 69 (69 total)

\* as of 10.05.20

Railhead Information Week 35 (as of 9.03.20)  
All components to pad

### **Mechanical Completion:**

68 MCC submitted (Up from 48)

### **Commissioning:**

30 Turbines Pre-Commissioned as of [10.07.20] Buyer requested hold any additional pre coms  
9 Turbines fully commissioned (up from -0-)

### **Technical:**

N/A

### **Documentation/Quality:**

N/A

### **Damages/Parts/Tools Issues:**

T70 Trailing Edge Damage – NCR 022 (BOP) – CIR: #744800  
T90 Blade tip Damage - NCR 016 (Transport) – CIR: #744781  
T33 Leading Edge Damage – NCR 025 (Factory): CIR: #729003  
T93 Signpost Damage - NCR 011 (Transport) – CIR: #731303  
T79 Trailing Edge Damage - NCR 029 (Transport) – CIR: #730610  
T107 Trailing Edge Damage by Forklift - NCR 009 (BOP) – CIR: #716757  
T83 Trailing Edge Damage - NCR013 (Transport) – CIR: #716807  
T45 Uncured Fiber glass CIR: #734752  
T31 Bullet Hole CIR: #752916  
T19 Tip Frame Damage CIR: #752962  
T41 Dry Glass Rot (Blade SN222214) CIR: #752955  
T41 LPS Wet Glass (Blade SN222214) CIR: #749180  
T55 Tip Frame Damage. T-55 will not have a CIR as no fiberglass was replaced during this repair.  
T13 Nacelle Damage (BOP). No CIR will be generated, repair by BOP.  
T01 Blade Damage by vehicle CIR: #762679  
T21 Damaged Blade #899 Set296 CIR: #TBD  
T29 Blade 777 Damaged by Transport CIR: #TBD  
T39 Blade 0738 Damage by Factory CIR: #TBD  
T40 Wet Glass on Blade 000881 CIR: #TBD

## Monthly Progress Report North Fork Ridge

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T42 Bad Injection Blades 866 n 867 CIR: #TBD  
T47 Blade 000757 Damaged by Factory CIR: #TBD  
T51 Blade 222205 Damaged by Transport CIR: #TBD  
T56 Wet glass blade 222214 CIR: #TBD  
T67 Blade Damaged by Rail Head (T35) CIR: #TBD  
T69 Nacelle Door Damaged by BOP T1 CIR: #TBD

### 5. Schedule

#### 4 Week Look Ahead

1. Finalize Commissioning of turbines.
2. Assure all SCADA and ADLS issues are addressed.
3. Remove parts from site.
4. Finalize LD's calcs.

### 6. Financial (9/23/20) \*HC\*Highly Confidential in its Entirety\*HC\*

### 7. Risks

- a. Weather, wind and lightning could impact ability to work on site
- b. Coronavirus issues that may arise and affect commissioning crews

## Monthly Progress Report North Fork Ridge

### 8. Contract Administration

#### Excusable Events Submitted

Event	Event Description	Cost Impact	Schedule Impact
Excusable Event Notice # 1	February 5, 2020 Force Majeure (Coronavirus)	TBD	TBD
Excusable Event Notice # 2	March 17, 2020 Supplemental Notice (Coronavirus)	TBD	TBD
Excusable Event Notice # 3	March 31, 2020. Buyer Delays due to site condition. March week of March 23, 2020. Buyer requested deliveries be suspended.	TBD	TBD
Excusable Event Notice # 4	April 9, 2020 Owner Delays on 3/30, 4/1, 4/2 & 4/3	TBD	TBD
Excusable Event Notice # 5	April 13, 2020 Supplemental Notice (Coronavirus)	TBD	TBD
Excusable Event Notice # 6	April 21, 2020 Owner Delays on 4/6, 4/7, 4/8, 4/9, 4/10, 4/11, 4/13, 4/15, 4/16 & 4/17	TBD	TBD
Excusable Event Notice # 7	April 28, 2020 Owner Delays on 4/22, 4/23, 4/24 & 4/25	TBD	TBD
Excusable Event Notice # 8	May 5, 2020 Owner Delays on 4/27, 4/28, 4/29, 5/1 & 5/2	TBD	TBD
Excusable Event Notice # 9	May 12, 2020 Owner Delays on 5/4, 5/5, 5/6 & 5/8.	TBD	TBD
Excusable Event Notice # 10	May 18, 2020 Owner Delays on 5/11, 5/12, 5/13, 5/14 & 5/15.	TBD	TBD
Excusable Event Notice # 11	May 27, 2020 Owner Delays on 5/18, 5/19, 5/20, 5/21, 5/22, & 5/23	TBD	TBD
Excusable Event Notice # 12	Force Majeure (Rail Congestion)	TBD	TBD
Excusable Event Notice # 13	June 4, 2020 Delays on 5/26,5/27,5/27 & 5/29.	TBD	TBD
Excusable Event Notice # 14	June 10, 2020 Delays on 6/3, 6/4 & 6/5.	TBD	TBD
Excusable Event Notice # 15	June 17, 2020 Delays on June 6th thru June 15 (MoDOT restriction).	TBD	TBD
Excusable Event Notice # 16	June 25, 2020 Delays on June 6th thru June 15	TBD	TBD
Excusable Event Notice # 17	July 9 2020 Delays on 6/22,6/23,6/27, 6/29, 6/30 & 7/3.	TBD	TBD
Excusable Event Notice # 18	July 4, 2020 MCC Notice	TBD	TBD
Excusable Event Notice # 19	July 20, 2020 MCC Notice	TBD	TBD
Excusable Event Notice # 20	July 28, 2020 MCC Notice	TBD	TBD
Excusable Event Notice # 21	August 2, 2020 Delays on 7/27,7/28 & 7/29, MCC Notice	TBD	TBD

## Monthly Progress Report North Fork Ridge

Excusable Event Notice # 22	August 13, 2020 Delays on 8/07 & 8/08, MCC Notice MCC Notice	TBD	TBD
Excusable Event Notice # 23	August 17, 2020 MCC Notice	TBD	TBD
Excusable Event Notice # 24	August 31, 2020 Delays on 8/29, MCC Notice	TBD	TBD
Excusable Event Notice # 25	September 16, 2020 Grid Delay notice	TBD	TBD
Excusable Event Notice # 26	September 23, 2020 Grid delay notice	TBD	TBD
Excusable Event Notice # 27	September 30, 2020 Grid Delay notice	TBD	TBD

### Change Orders

Title/Status	Description	Cost Adjustment	Schedule Adjustment
Change Order #1 Schedule update/Signed 1.3.20	Schedule update	N/A	Yes
Change Order #2 Algonquin requested change in deliver schedule of 110's versus 120's./Signed 4.8.20	Schedule of delivery change.	TBD	Yes

Change Order #3 Radii change from initial startup of project and auto turn analysis performed at BOP's request to be included in final or any upcoming CO.	Radii	TBD	No
--	-------	-----	----

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

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*See attached*





**REMOTE CONSTRUCTION  
MONITORING REPORT**

*Site Visit #4, July 2020, Remote*

PREPARED FOR:  
**NORTH FORK WIND, LLC**

*Ref. No.: 19-00606*

**NORTH FORK RIDGE WIND PROJECT**

Barton County,  
Missouri

18 September 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>	18 September 2020	CMR4

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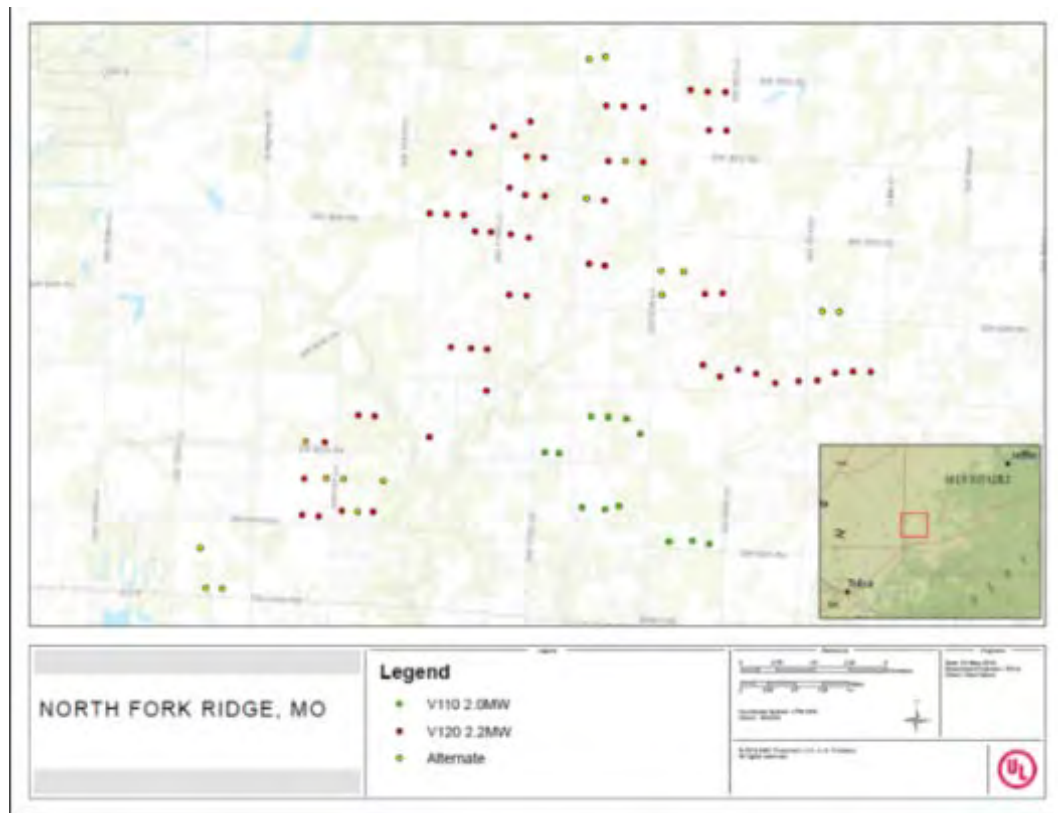
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## 1. PROJECT DESCRIPTION

The North Fork Ridge Wind Project (Project) is located north of Nashville, Missouri in Barton County, and straddles State Highway 126. The Project consists of 69 Vestas turbines including 12 V110-2.0 MW and 57 V120-2.2 MW, with hub heights of 120 m and 122 m respectively, and a nominal output of 2.0/2.2 MW each to give the Project a total generation capacity of 149.4 MW. A map of the Project location is shown in the figure below.



**Figure 1.1: Map of Project Location**

The Project is being developed by North Fork Ridge Wind, LLC with Mortenson Construction (Mortenson) acting as the primary Balance of Plant ("BOP") Contractor. The Table 1.1 outlines the status of the construction works as of 29 July 2020.

**Table 1.1: Construction Status**

Project Task	IER Schedule Estimate		Actual Completion Date	Completion Status
	Start Date	Completion Date		
All Major Contracts Executed	N/A			Completed
BOP Contractor Fully Mobilized	24 January 2020			Completed
Public Road Upgrades	07 January 2020	01 April 2020	May 2020	100% <sup>1</sup>
Project Access Roads	13 January 2020	21 April 2020	May 2020	100% <sup>1</sup>
O&M Building	28 Aug 2020		<TBD>	90%

**Table 1.1: Construction Status**

Project Task	IER Schedule Estimate		Actual Completion Date	Completion Status
	Start Date	Completion Date		
Turbine Foundations and Crane Pads	06 February 2020	06 May 2020	09 June 2020	100%
Turbine Delivery	Grp 1 (5-V120)—23 Mar 2020 Grp 2 (10-V120)—30 Mar 2020 Grp 3 (10-V120)—06 Apr 2020 Grp 4 (10-V120)—13 Apr 2020 Grp 5 20 (10-V120)—20 Apr 2020 Grp 6 (2-V120)—27 Apr 2020 Grp 7 (8-V110)—04 May 2020 Grp 8 (4-V110)—11 May 2020		<TBD>	~60%
Turbine Erection (Blades & Nacelle Complete)	30 March 2020	20 July 2020	<TBD>	59%
Mechanical Completion	Grp 1 (6 WTG)—29 May 2020 Grp 2 (6 WTG)—10 Jun 2020 Grp 3 (6 WTG)—17 Jun 2020 Grp 4 (6 WTG)—26 Jun 2020 Grp 5 (6 WTG)—03 Jul 2020 Grp 6 (6 WTG)—10 Jul 2020 Grp 7 (6 WTG)—22 Jul 2020 Grp 8 (6 WTG)—29 Jul 2020 Grp 9 (6 WTG)—07 Aug 2020 Grp 10 (6 WTG)—14 Aug 2020 Grp 11 (6 WTG)—21 Aug 2020 Grp 12 (3 WTG)—28 Aug 2020		<TBD>	22%
Turbine Pre-Commissioning	7 turbines with 5 Pre-Commissioning Certificates			
Turbine Commissioning	May 2020	July 2020	<TBD>	0%
Collection System	02 March 2020	17 June 2020	29 July 2020	100%
Collection Substation	02 March 2020	10 August 2020	29 July 2020	100%
Project Transmission Line	03 March 2020	10 August 2020	29 July 2020	100%
Grid Energization	27 July 2020	10 August 2020	29 July 2020	100%
Substantial Completion	28 October 2020		<TBD>	0%

Source: EPC CO #2 dated 30 April 2020, and TSA CO #2 dated 20 March 2020

Note:

<sup>1</sup> Reclamation to be completed after installation of turbines.

The Project turbine foundation work and construction of the electrical works (substation, collection and transmission lines), and component delivery is largely complete. Turbine erection is nearing conclusion. The mechanical completion process is anticipated to be finished in August 2020. Due to the fact that grid energization occurred on 29 July 2020, the Project has pre-commissioned approximately 7 turbines to-date.

The 29 July 2020 POD includes the following wind and weather delays claimed by the Project:

**Table 1.2: Accrued Wind Days**

Crew/Crane	Previous Days Claimed	Current Days Claimed	Adjustment to MCC
Main Erection Crane – Crew 1	15	26	13
Main Erection Crane – Crew 2	8	18	5
Base/Mid – Crew 1	7	7	0
Base/Mid – Crew 2	7	8	0
Offload Crane – Crew 1	6	8	0
Blade Roll Crew	0	4	0

Source: NFR POD, 29 July 2020

## 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 team to receive an update on the status of construction. This remote visit format included a questionnaire that was completed by the site [1], 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 20 and 29 July 2020.

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

- Overall project construction status; and
- Turbine component deliveries and erections.

The Mortenson plan of the day ("POD") from 29 July 2020 [2] 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**

Name	Company	Position
Matt Pellinen	Solas Energy Consulting	Project Manager
Christian Forster	Solas Energy Consulting	Project Engineer
Jackie Gallagher	Solas Energy Consulting	WTG Inspector

## 3. LABOR FORCE AND EQUIPMENT

Ongoing activities being performed at site during the period of the remote site visit review include installation of rock at foundation locations, SWPPP, setting of switchgear, installation of earthing bars, MV Cable terminations, removal of swamp mats, restoration of transmission line works, and turbine tower erection. The POD reports 149 people were on site on 29 July 2020. This included 115 Mortenson personnel who are performing work in the office, civil works, and erection works. In addition, Solas had 4 people on site supporting the Owner with Project Management; Additionally, there was Subcontract work was being performed by Team Services, Mid-Central, Biggie Crane, Patriot Crane, Maximum Crane, Bardhof Trucking, and Sentry.

The Project indicated that currently there are only day shifts working. The Project has 3 main cranes, however only two crews work while one crane is used for moving to the next location.

## 4. PROJECT ROADS

Access Road construction is complete and was reported on in SVR 1 and SVR 2. Public road maintenance and restoration and radii removal on access roads and crane paths was in progress. No road access issues were reported by the Project site during this period.

## 5. TURBINE FOUNDATIONS

The foundations were reviewed in SVR1 and SVR2, foundation activities were complete as of this site visit.

## 6. WIND TURBINE GENERATORS

All of the turbine components have been delivered to the Project site. Erection work is in progress, with approximately 22% of the turbines mechanically complete as of 29 July 2020. The table below shows the status of turbine erection for the Project as of the site visit.

**Table 6.1: Turbine Component Delivery and Erection Status**

Deliveries	Status	Installations	Status
Tower Base Sections	100% Complete	Tower Base Sections	96% Complete
Tower Lower Mid Sections	100% Complete	Tower Mid Sections	96% Complete
Tower Mid Sections	100% Complete	Tower Top Sections	61% Complete
Tower Upper Mid Sections	100% Complete	Nacelle	61% Complete
Tower Top	100% Complete	Tower Blades	61% Complete
Tower Nacelles	100% Complete	Cable work	30% Complete
Hubs	100% Complete	Turbine MCC	22% Complete
Tower Blades	100% Complete	Turbine Commissioning	0% Complete

On behalf of UL, Mortenson climbed T-93 during the remote site visit. Turbine T-93 was erected and had achieved Mechanical Completion as of 29 July 2020. The Project reported no dents, cracks or marks outside of the tower, and that the exterior of the nacelle appeared to be clean and in good condition. The anchor bolts were properly tensioned and torque marks included 10% marks.

The interior of turbine T-93 was free of oil, grease, and dirt. During the turbine climb, all bolts were installed and 10% torque marks were applied on all decks. The basement conduits were filled with foam and the cabinets were observed to be clean and orderly. All mid and top cables were noted to be routed correctly and free from damage and in overall good condition. Stickers for tie off points have been noted to be installed and hatches, cableways, and lighting are in good condition. No grease was observed on the yaw deck or walls. The nacelle was clean and no grease or leaks were observed. All fiberglass was reported to be in good condition and all cables are in new condition with no damage. The gearbox and generator were reported to be in good condition and all gears and bearings were properly greased. The blades were reported as being in good condition with no visible damage and the socks were installed properly. The hub was in overall good condition with no corrosion, rust, cracks, or pitting observed.

The photographs that were provided from the walk-through of the turbine are included below.





Figure 6.5: T-93 Stairs and Entry Door



Figure 6.6: T-93 Anchor Bolts With Torque Marks



Figure 6.7: Basement Conduits With Foam Filling



Figure 6.8: Cabinet Inside T-93 Base Section



Figure 6.5: Tower Lift



Figure 6.6: Mid Bolts With Torque Marks

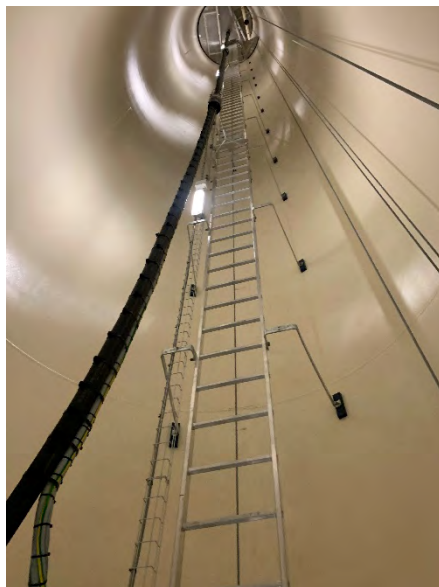


Figure 6.1: Upper Mid Ladder Section



Figure 6.2: General View of Nacelle





Figure 6.3: Generator Nameplate



Figure 6.4: Generator



Figure 6.5: Gearbox Nameplate



Figure 6.6: Gearbox

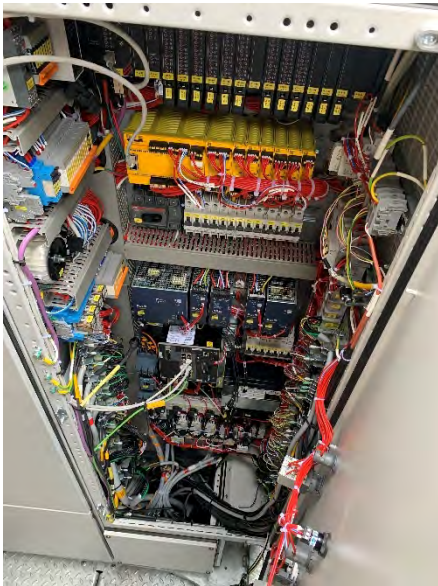


Figure 6.7: SCADA Cabinet in Nacelle

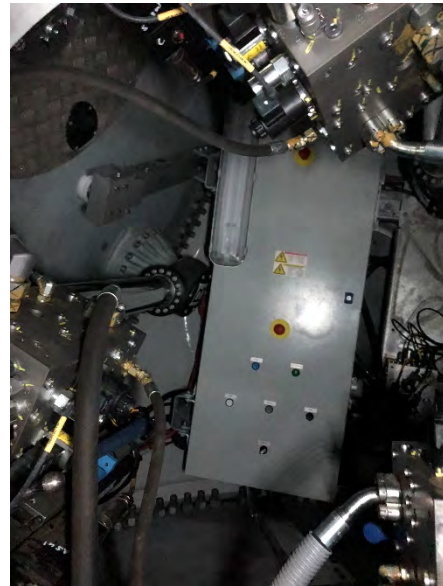


Figure 6.8: General View Inside Hub

## 7. COLLECTION SYSTEM

Collection system trenching and installation was complete as of the site visit. The Project noted that energization of 4 circuits is anticipated to occur in August 2020 with the remaining 2 planned for energization in September 2020.



Figure 7.1: Junction Box 12A-1 12A



Figure 7.2: Junction Box 11B-1 11B





Figure 7.1: Turbine Basement



Figure 7.2: Stair Grounding

## 8. COLLECTION SUBSTATION

The Project substation was energized on 29 July 2020. Testing of the substation was noted to be completed successfully, UL will review these results in the CCR. The work that is still in progress at the substation includes placement of rock, completion of the fence, and completion of the SCADA integration work and completion of punch list items. The figures below indicate the progress at the substation during the month of July.



Figure 7.7: Substation Overview



Figure 7.8: Substation Overview





Figure 8.1: Substation Breakers



Figure 8.2: Substation Overview



Figure 8.3: Main Power Transformer



Figure 8.4: Substation Switchgear

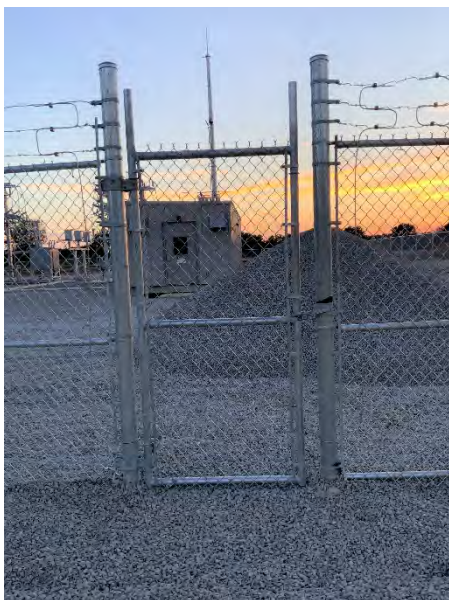


Figure 7.7: Substation Fence Grounding



Figure 7.8: Substation Warning Signs

## 9. PROJECT TRANSMISSION LINE AND PROJECT SWITCHYARD

The Project transmission line was reviewed in CMR3, the Transmission line was energized as of 29 July 2020.

## 10. PROJECT BUILDINGS

The Project O&M building is substantially complete, with only punch list work remaining. The following figures show the exterior of the O&M building.



Figure 10.1: O&M Building Exterior



Figure 10.2: O&M Building Interior

## 11. METEOROLOGICAL TOWER(S)

Review of the met towers will be included in a subsequent site visit report. The delivery of steel for the met towers is anticipated to occur around 21 September 2020.

## 12. QA/QC AND DOCUMENTATION

UL has received access to the Procore dataroom, where the Project's job books are saved, and will review the QA/QC documentation as part of the 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, wearing N-95 masks in situations where a separation of 6 feet is not possible, performing consistent site cleaning, keeping the crews makeup consistent, and having the daily stretch and flex occur in smaller groups. In July there were 5 Mortenson employees that were potentially exposed to COVID-19, who were tested, quarantined for the required 14 days, and subsequently found the results of the testing was negative.

No significant safety or environmental incidents were reported by the site manager. In addition, landowner and neighbor relations were reported to be positive, with no noise issues or complains.

## 14. 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 20 and 29 July 2020.

The purpose of the remote site visit was to observe overall Project construction activities with a focus on the completion of electrical work and turbine component deliveries and erection. The collection work was largely complete. The overall condition of the electrical work based on the photos and discussions with the site was in line with expectations. Turbine deliveries were complete, erection activities were in progress and nearing completion, with 15 MCCs executed to-date. No material component damage was reported or observed.

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

## 15. REFERENCES

- [1] "Site Visit Questionnaire," 29 July 2020.
- [2] "North Fork Ridge Plan of the Day," 29 July 2020.