



Thursday, July 18, 2019



WHITNEY HILL WIND FARM
24 WTG'S
21 GE 2.8 MW & 3 GE 2.3 MW
65 MW Capacity



Substantial Completion

Friday, November 15, 2019

COD

Monday, December 23, 2019

TODAY'S WEATHER FORECAST

Table with weather conditions: Sunny, Wind Direction N, Wind Speed 3 mph, Dew Point 75%, Temperature High 95, Low 77, Humidity 80%, Precipitation 0%

SAFETY

ALERT - National Heat Advisory Continued - take cooling breaks and stay hydrated
- use of spotters at all times around overhead powerlines
- flashing signs and flags to be installed @ 121/54

ENVIRONMENTAL

- Wind abatement scheduled for 7/18 through 7/19

DAILY HIGHLIGHTS

public roads: public road stone @ 78A; cement stabilization @ 300; install stone base @ 1325 & 200; box culvert @ 81 (removal);
public roads continued: culverts CMP-92, 85, rock 45 & 47 Foundations: strip topsoil @ T3 & T2 Substation: import fill, place & compact
access roads: clear/strip @ T3 & T2; HDPE @ 427

PUBLIC ROADS CLOSURES

culverts: 400 from 1842 - 200 on 7/16 to 7/19; asphalt and culverts on 2000 from IL 121-400 from 7/16 to 7/17; culverts 1842 from IL 121-300 7/16 to 7/18; box culvert on 1842 from 400-300 from 7/16 to 7/20
cements stabilization: 1325 from T4-T5 from 7/16 to 7/17; 275 from 1325 - 1400 from 7/16 to 7/18; 1400 from 275-200 from 7/16 to 7/19; 200 from 1400-1500 from 7/16 to 7/18; 1750 from 300-400 from 7/16 to 7/20;
stabilization continued: 300 from 1750 from 300-400 7/16 to 7/20; 300 from 1750 to E of 1842 7/16 to 7/24; 2000 from IL121-400 from 7/19 to 7/25.

WORK PROGRESS (AS OF COB LAST WORKING DAY)

Summary table for Work Progress with columns: ACTIVITY, UNIT, TOTAL QUANTITIES PLANNED, CONFIRMED, COMPLETED ACTUAL QTY, REMAINING QUANTITY, WEIGHT (%), COMPLETED ACTUAL WEIGHTED (%), COMPLETED LAST WORKDAY LOCATIONS TO COMPLETE, TODAY, NEXT WORKDAY

Access Roads Overall Completion table with rows for Road Cut, Road Fill, Cement Stabilization, Road Capping

Public Roads Overall Completion table with rows for Cement Stabilization, Road Capping, Bituminous Surface Treatment

Foundations Overall Completion table with rows for Pad Clearing (excavation), Excavation, Soil grouting / Subgrade compaction, Mud Mat (Lean concrete), Foundation Rebar, Bolt/cage, Grounding installation, Base section pour, Pedestal section pour, Foundations Backfilled, Ground Resistivity Testing, Crane Pad

Substation Overall Completion table with rows for General, Control / GIS Building, SCADA Building, Foundations, EM Works: High Voltage (HV), EM Works: Medium/Low Voltage (MV/LV), Pre-Commissioning: General, Pre-Commissioning: High Voltage (HV), Pre-Commissioning: Medium/Low Voltage (MV/LV)

OSM Building Overall Completion (if applicable) table with rows for OSM Building

Collection System Overall Completion table with rows for Row clearing, MV Trench Excavation, MV Cable Splices, Fiber Optic Installation, Fiber Optic Terminations / Splices, Fiber Optic Testing, MV Cable Installation & Backfill, Boxes, MV Terminations, Junction Boxes, PMT Vault Installation, PMT Installation, PMT Testing, PD / VLF Testing, Grounding System Testing

WTG Erection & Mechanical Overall Completion table with rows for Switchgear or DTE, Base Section Erected, Lower Mid Section Erected, Upper Mid Section Erected, Grounding, Top Section Erected, Rotor Assembly, Nacelle Installation, Hub-Blades Set Installation, Tower Wiring, Mechanical Walkdown (Punch list issued)

Turbine Commissioning table with rows for Pre-Commissioned (Cold), Turbine Commissioned On Grid, Reliability Test Certificate Received

Commissioning table with rows for HV Connection Lines, Delivery Substation, Step-Up Substation, ICT Communication System, SCADA System, Circuits Commissioning, Transmission Line, Completion and Performance Test



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DELIVERIES (AS OF COB LAST WORKING DAY)

COMPONENT	UNIT	TOTAL QUANTITIES		COMPLETED ACTUAL QTY	REMAINING QUANTITY	WEIGHT (%)	COMPLETED ACTUAL WEIGHTED (%)	DELIVERED LAST WORKDAY LOCATIONS	ACTUAL QTY	COMPONENTS TO BE DELIVERED	
		PLANNED	CONFIRMED							TODAY	NEXT WORKDAY
Turbine Receiving											
Switchgear	ea.	24	24	0	24	10%	0%		0		
Pad Mount Transformer (PMT)	ea.	24	24	0	24	10%	0%		0		
Minor Components Set (according to WTG Manuf.)	ea.	24	24	0	24	10%	0%		0		
Base Section	ea.	24	24	0	24	5%	0%		0		
Lower Mid Section	ea.	24	24	0	24	5%	0%		0		
Upper Mid Section	ea.	24	24	0	24	10%	0%		0		
Top Section	ea.	24	24	0	24	15%	0%		0		
Nacelle	ea.	24	24	0	24	10%	0%		0		
Hub	ea.	24	24	0	24	15%	0%		0		
Blades Set (A, B, C)	ea.	24	24	0	24	15%	0%		0		
CREWS: 0 HEADCOUNT: 0											

Collection System Receiving											
1250 KCMIL MV Cable	LF	1,000	1,000	0	1,000	10%	0%		0		
1000 KCMIL MV Cable	LF	1,000	1,000	0	1,000	10%	0%		0		
500 KCMIL MV Cable	LF	1,000	1,000	0	1,000	10%	0%		0		
4/0 AWG MV Cable	LF	1,000	1,000	0	1,000	10%	0%		0		
LV Cable (If Applicable)	LF	1,000	1,000	0	1,000	10%	0%		0		
MV Terminations	ea.	100	100	0	100	10%	0%		0		
Fiber	LF	1,000	1,000	0	1,000	10%	0%		0		
Junction Boxes	ea.	10	10	0	10	10%	0%		0		
Grounding Conductor	LF	1,000	1,000	0	1,000	10%	0%		0		
Interduct	LF	1,000	1,000	0	1,000	10%	0%		0		
CREWS: 0 HEADCOUNT: 0											

Substation Receiving											
Metallic Structures	ea.	10	10	0	10	5%	0%		0		
Station Service Transformers	ea.	10	10	0	10	5%	0%		0		
Capacitor Banks	ea.	10	10	0	10	6%	0%		0		
Capacitor Bank Switcher	ea.	10	10	0	10	5%	0%		0		
Reactor Banks	ea.	10	10	0	10	5%	0%		0		
Reactor Switches	ea.	10	10	0	10	5%	0%		0		
HV Circuit Breaker	ea.	10	10	0	10	6%	0%		0		
HV Disconnect Switch	ea.	10	10	0	10	5%	0%		0		
MV Circuit Breaker	ea.	10	10	0	10	5%	0%		0		
MV Disconnect Switch	ea.	10	10	0	10	4%	0%		0		
Current Transformer	ea.	10	10	0	10	6%	0%		0		
Voltage Transformer	ea.	10	10	0	10	6%	0%		0		
Main Power Transformer (MPT)	ea.	10	10	0	10	8%	0%		0		
Grounding Transformers	ea.	10	10	0	10	7%	0%		0		
HV Insulators	ea.	10	10	0	10	6%	0%		0		
Control House	ea.	1	1	0	1	8%	0%		0		
Shunt Reactors (MPT)	ea.	10	10	0	10	4%	0%		0		
Oil Minder Pump	ea.	10	10	0	10	4%	0%		0		
CREWS: 0 HEADCOUNT: 0											

HIGH LONESOME WIND FARM - PROGRESS SUMMARY

TURBINE #	1 2 3 4 5 6 7							8	%	0%
	Access Road	Foundation	Deliveries Completed	Health Completed	Commissioning	Final	Final			
A								0%	0%	
B								0%	0%	
C								0%	0%	
D								0%	0%	
E								0%	0%	
F								0%	0%	
G								0%	0%	
H								0%	0%	
I								0%	0%	
J								0%	0%	
K								0%	0%	
L								0%	0%	
M								0%	0%	
N								0%	0%	
O								0%	0%	
P								0%	0%	
Q								0%	0%	
R								0%	0%	
S								0%	0%	
T								0%	0%	
U								0%	0%	
V								0%	0%	
W								0%	0%	
X								0%	0%	
Y								0%	0%	
Z								0%	0%	



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NON CONFORMITY REGISTER

#	Type	Detected by (Link)	Date of Detection	NC Opening			NC Description	Action	Expected date for closure	NC Resolution	
				Supplier	NC Description	Resolution validated by					

Contractor	MECHANICAL COMPLETION AND COMMISSIONING STATUS						COMPLETION CERTIFICATES STATUS					
	Stage	UNIT	TOTAL QTY	COMPLETED	PROGRESS		Certificate Name	Total	Signed	Remaining	Progress	
	WTG - Circuits (Collection Line)	ea.	3	0	0%		Turbine Delivery Completed	24	0	24	0%	
	WTG - Walk Down (punch list issued)	ea.	24	0	0%		Foundation Completion	24	0	24	0%	
	WTG MCC (Signed by BOP Contractor)	ea.	24	0	0%		WTG Mechanical Completion	24	0	24	0%	
	WTG MCC (Signed by EGP)	ea.	24	0	0%		Reliability Test	24	0	24	0%	
	WTG MCC (Issued/signed by Supplier)	ea.	24	0	0%		Commissioning	24	0	24	0%	
	WTG Pre-Commissioning	ea.	24	0	0%		USCC Completion	3	0	3	0%	
	WTG Commissioning	ea.	24	0	0%		Substation Mechanical Completion	1	0	1	0%	
	WTG Reliability Run Test Finalized	ea.	24	0	0%		OSM Building Completion	1	0	1	0%	
	Substation Commissioning	%	1	0	0%		Substantial BOP Completion	1	0	1	0%	
	First Synchronization	ea.	1	0	0%		Substantial Substation Completion	1	0	1	0%	
	Additional Capacity Declaration	ea.	1	0	0%		Final Completion	1	0	1	0%	

WEATHER DELAYS	NUMBER OF SHIFTS CONSIDERED AS "WEATHER DELAY DAY"			
	Wind	Rain / Snow / Fog	Lightning	Ice
BOP Civil	0	0	0	0
Turbine Erection	0	0	0	0
WTG Deliveries	0	0	0	0
Substation	0	0	0	0
Transmission Line	0	0	0	0
Commissioning	0	0	0	0

PREVIOUS DAY ON-SITE HEAD COUNT	
Enel Green Power	11
BOP Contractor and Subs	0
Turbine Supplier	0
Substation Contractor and Subs	0
TOTAL	76

SITE GPS COORDINATES	
OSM Building	
LAT	
LONG	
Substation	
LAT	
LONG	
POI	
LAT	
LONG	

Total Project Hours	0
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