



Thursday, July 11, 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

Conditions	Partly Cloudy	Wind Direction	N	Wind Speed	2mph	Dew Point	68%	Temperature	High 83	Low 61	Humidity	72%	Precipitation	20%
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SAFETY

- flagger placed @ 144/200 due to visibility issues
- proper PPE @ fueling stations
- safety award program - create safer culture - recognize efforts

ENVIRONMENTAL

- EPA site visit scheduled
-

DAILY HIGHLIGHTS

- public roads: public radii stone 77A & 80A; cement stabilization 275th and 200th; bridge jumper - deck; install stone base at
- public roads continued: Township line (add rock); Culverts RCP - 83 & 84
- access roads: culverts CMP; - T25 - 01; HDPE - T11-01; T24-01 & T25-01; temp access road redli - T13; substation: test, place & compact

PUBLIC ROADS CLOSURES

- culverts 7/11 to 7/12: 400 from 1842 - 200; 2000 from IL 121-400; 1750 from 200-275; 300 from 1750 - T15; 1842 from IL 121 - 300
- jump bridge installation 7/11 to 7/12: 1400 from 275 - Hilltopper F5
- cement stabilization: 7/11 to 7/16: 1325 from T4-275; 7/11 to 7/15 - 275 from 1325-1400; 7/12 to 7/17 1400 from 275 to 200; 7/11 to 7/18 200 from 1400 to 1500.

WORK PROGRESS (AS OF COB LAST WORKING DAY)

ACTIVITY	UNIT	TOTAL QUANTITIES		COMPLETED ACTUAL QTY	REMAINING QUANTITY	WEIGHT (%)	COMPLETED ACTUAL WEIGHTED (%)	COMPLETED LAST WORKDAY		LOCATIONS TO COMPLETE	
		PLANNED	CONFIRMED					LOCATIONS	ACTUAL QTY	TODAY	NEXT WORKDAY

Access Roads Overall Completion											
				0	LF	37,418	LF	100%			10%
Road Cut	CY	5,816	5,816	731		5085		20%			13%
Road Fill	CY	1,973	1,973	282		1681		20%			14%
Cement Stabilization	CY	15,976	15,976	2255		13681		30%			14%
Road Capping	CY	6,091	6,091	0		6091		30%			0%
CREWS: 0 HEADCOUNT: 0											

Public Roads Overall Completion											
				0	LF	63,191	LF	100%			4%
Cement Stabilization	CY	41,058	41,058	6079		34979		30%			15%
Road Capping	CY	15,780	15,780	0		15780		30%			0%
Bituminous Surface Treatment	SQY	131,951	131,951	0		131951		40%			0%
CREWS: 0 HEADCOUNT: 0											

Foundations Overall Completion											
				0	Found.	24	Found.	100%			0%
Pad Clearing (location)	ea.	24	24	0		24		5%			0%
Excavation	ea.	24	24	0		24		10%			0%
Soil grouting / Subgrade compaction	ea.	24	24	0		24		10%			0%
Mud Mat (Lean concrete)	ea.	24	24	0		24		5%			0%
Foundation Rebar	ea.	24	24	0		24		15%			0%
BoR cage	ea.	24	24	0		24		10%			0%
Grounding installation	ea.	24	24	0		24		5%			0%
Base section pour	ea.	24	24	0		24		10%			0%
Pedestal section pour	ea.	24	24	0		24		5%			0%
Foundations Backfilled	ea.	24	24	0		24		10%			0%
Ground Resistivity Testing	ea.	24	24	0		24		5%			0%
Crane Pad	ea.	24	24	0		24		10%			0%
CREWS: 0 HEADCOUNT: 0											

Substation Overall Completion											
						97%	Remain	100%			3%
General	%	100%	100%	15%		85%		20.0%			15%
Control / GIS Building	%	100%	100%	0%		100%		7.5%			0%
SCADA Building	%	100%	100%	0%		100%		7.5%			0%
Foundations	%	100%	100%	0%		100%		20.0%			0%
EM Works: High Voltage (HV)	%	100%	100%	0%		100%		15.0%			0%
EM Works: Medium/Low Voltage (MV/LV)	%	100%	100%	0%		100%		15.0%			0%
Pre-Commissioning: General	%	100%	100%	0%		100%		5.0%			0%
Pre-Commissioning: High Voltage (HV)	%	100%	100%	0%		100%		5.0%			0%
Pre-Commissioning: Medium/Low Voltage (MV/LV)	%	100%	100%	0%		100%		5.0%			0%
CREWS: 0 HEADCOUNT: 0											

O&M Building Overall Completion (if applicable)											
						100%	Remain	100%			0%
O&M Building	%	100%	100%	0%		100%		100%			0%

Collection System Overall Completion											
				0	LF	600	LF	100%			0%
Road clearing	LF	3,200	600	0		600		2%			0%
MV Trench Excavation	LF	3,200	600	0		600		9%			0%
MV Cable Splices	ea.	320	60	0		60		3%			0%
Fiber Optic Installation	ea.	3,200	600	0		600		5%			0%
Fiber Optic Terminations / Splices	ea.	320	60	0		60		5%			0%
Fiber Optic Testing	ea.	64	12	0		12		8%			0%
MV Cable Installation & Backfill	LF	3,200	600	0		600		15%			0%
Boxes	ea.	160	30	0		30		15%			0%
MV Terminations	ea.	160	30	0		30		5%			0%
Junction Boxes	ea.	80	15	0		15		5%			0%
PMT Vault Installation	ea.	32	6	0		6		7%			0%
PMT Installation	ea.	32	6	0		6		2%			0%
PMT Testing	ea.	32	6	0		6		15%			0%
PD / VLF Testing	ea.	16	3	0		3		5%			0%
Grounding System Testing	ea.	32	6	0		6		3%			0%
CREWS: 0 HEADCOUNT: 0											

WTG Erection & Mechanical Overall Completion											
				0	Turbines	24	Turbines	100%			0%
Switchgear or DTE	ea.	24	24	0		24		10%			0%
Base Section Erected	ea.	24	24	0		24		10%			0%
Lower Mid Section Erected	ea.	24	24	0		24		5%			0%
Upper Mid Section Erected	ea.	24	24	0		24		5%			0%
Grouting	ea.	24	24	0		24		10%			0%
Top Section Erected	ea.	24	24	0		24		10%			0%
Rotor Assembly	ea.	24	24	0		24		10%			0%
Nacelle Installation	ea.	24	24	0		24		10%			0%
Hub-Blades Set Installation	ea.	24	24	0		24		10%			0%
Tower Wiring	ea.	24	24	0		24		10%			0%
Mechanical Walkdown (Punch list issued)	ea.	24	24	0		24		10%			0%
CREWS: 0 HEADCOUNT: 0											

Turbine Commissioning											
				0	Turbines	24	Turbines	100%			0%
Pre-Commissioned (Cold)	ea.	24	24	0		24		30%			0%
Turbine Commissioned On Grid	ea.	24	24	0		24		40%			0%
Reliability Test Certificate Received	ea.	24	24	0		24		30%			0%
CREWS: 0 HEADCOUNT: 0											

Commissioning											
						100%	Remain	100%			0%
HV Connection Lines	%	100%	100%	0.0%		100%		8.0%			0.0%
Delivery Substation	%	100%	100%	0.0%		100%		8.0%			0.0%
Step-Up Substation	%	100%	100%	0.0%		100%		25.5%			0.0%
ICT Communication System	%	100%	100%	0.0%		100%		8.0%			0.0%
SCADA System	%	100%	100%	0.0%		100%		10.0%			0.0%
Circuits Commissioning	%	100%	100%	0.0%		100%		24.0%			0.0%
Transmission Line	%	100%	100%	0.0%		100%		10.0%			0.0%
Completion and Performance Test	%	100%	100%	0.0%		100%		6.5%			0.0%
CREWS: 0 HEADCOUNT: 0											



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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		COMPONENTS TO BE DELIVERED	
		PLANNED	CONFIRMED					LOCATIONS	ACTUAL QTY	TODAY	NEXT WORKDAY
Turbine Receiving											
				0%	Received	100%	Pending	100%			
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	10%	0%		0		
Lower Mid Section	ea.	24	24	0	24	5%	0%		0		
Upper Mid Section	ea.	24	24	0	24	5%	0%		0		
Top Section	ea.	24	24	0	24	10%	0%		0		
Nacelle	ea.	24	24	0	24	15%	0%		0		
Hub	ea.	24	24	0	24	10%	0%		0		
Blades Set (A, B, C)	ea.	24	24	0	24	15%	0%		0		
CREWS: 0 HEADCOUNT: 0											

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

Substation Receiving											
				0%	Received	100%	Pending	100%			
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		
MV 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								0%
	A	Access Road							
	Foundation								0%
	Deliveries Completed								0%
	Install Completed								0%
	Commissioning								0%
	USECS	Trench/Cable/Backfill						0%	
		Terminations						0%	
		PD Testing						0%	



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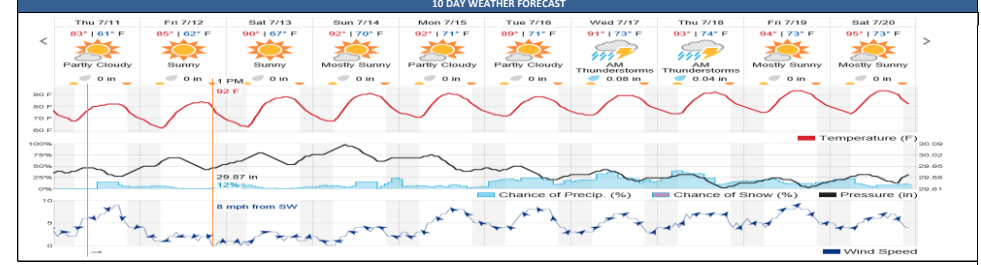
NON CONFORMITY REGISTER

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

Contractor	MECHANICAL COMPLETION AND COMMISSIONING STATUS				OK
	Stage	UNIT	TOTAL QTY	COMPLETED	
WTG - Circuits (Collection Line)	ea.	24	0	0%	
WTG - Walk Down (punch list issued)	ea.	24	0	0%	
WTG MCC (Issued by BOP Contractor)	ea.	24	0	0%	
WTG MCC (Signed by EGP)	ea.	24	0	0%	
WTG MCC (Issued/Signed by Supplier)	ea.	24	0	0%	
WTG Pre-Commissioning	ea.	24	0	0%	
WTG Commissioning	ea.	24	0	0%	
WTG Reliability Run Test Finalized	ea.	24	0	0%	
Substation Commissioning	%	1	0	0%	
First Synchronization	ea.	1	0	0%	
Additional Capacity Declaration	ea.	1	0	0%	

Certificate Name	Total	Signed	Remaining	Progress
Turbine Delivery Completed	24	0	24	0%
Foundation Completion	24	0	24	0%
WTG Mechanical Completion	24	0	24	0%
Reliability Test	24	0	24	0%
Commissioning	24	0	24	0%
UGCS Completion	3	0	3	0%
Substation Mechanical Completion	1	0	1	0%
O&M Building Completion	1	0	1	0%
Substantial BOP Completion	1	0	1	0%
Substantial Substation Completion	1	0	1	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	1	1	0	0
Turbine Erection	0	0	1	0
WTG Deliveries	0	0	0	0
Substation	0	0	0	0
Transmission Line	0	0	0	1
Commissioning	0	0	0	0



#PREVIOUS DAY ON-SITE HEAD COUNT	
Enel Green Power	11
BOP Contractor and Subs	48
Turbine Supplier	0
Substation Contractor and Subs	0
TOTAL	59

SITE GPS COORDINATES	
O&M Building	
LAT	
LONG	
Substation	
LAT	
LONG	
POI	
LAT	
LONG	

Total Project Hours	0
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