



Saturday, June 22, 2019



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



Substantial Completion

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COD

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TODAY'S WEATHER FORECAST

Conditions	PM Thunderstorms	Wind Direction	N	Wind Speed	1 mph	Dew Point	65%	Temperature	High 77	Low 66	Humidity	74%	Precipitation	50%
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SAFETY

- received verification that Medivac is able to fly @ night
- promote SWA authority
- request Dot flagger certifications

ENVIRONMENTAL

- Bedolli to flag and GPS hit tiles

DAILY HIGHLIGHTS

- continued focus on completing culverts
- meeting with White to discuss cure dates

PUBLIC ROADS CLOSURES

- (06/21): 200 (1400 to 1500), 275 (1325 to 1400)
- (06/22): 1325 (T1 to 275), 200 (1400 to 1500), 275 (1325 to 1400)
- rock and sand delivery @ 1600th & 300th, finalize speciality signage next week

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%	0%				
Road Cut	CY	5,816	5,816	0	5,816	20%	0%		0		
Road Fill	CY	1,973	1,973	0	1,973	20%	0%		0		
Cement Stabilization	CY	15,976	15,976	0	15,976	30%	0%		0		
Road Capping	CY	6,091	6,091	0	6,091	30%	0%		0		
CREWS: 0 HEADCOUNT: 0											
Public Roads Overall Completion											
				0 LF	63,191 LF	100%	0%				
Cement Stabilization	CY	43,998	43,998	0	43,998	30%	0%		0		
Road Capping	CY	15,780	15,780	0	15,780	30%	0%		0		
Bituminous Surface Treatment	SQY	131,951	131,951	0	131,951	40%	0%		0		
CREWS: 0 HEADCOUNT: 0											
Foundations Overall Completion											
				0 Found.	24 Found.	100%	0%				
Pad Clearing (location)	ea.	24	24	0	24	5%	0%		-1		
Excavation	ea.	24	24	0	24	10%	0%		-1		
Soil grouting / Subgrade compaction	ea.	24	24	0	24	10%	0%		-1		
Mud Mat (Lean concrete)	ea.	24	24	0	24	5%	0%		-2		
Foundation Rebar	ea.	24	24	0	24	15%	0%		-2		
Bolt cage	ea.	24	24	0	24	10%	0%		-2		
Grounding installation	ea.	24	24	0	24	5%	0%		-2		
Base section pour	ea.	24	24	0	24	10%	0%		-2		
Pedestal section pour	ea.	24	24	0	24	5%	0%		-2		
Foundations Backfilled	ea.	24	24	0	24	10%	0%		-11		
Ground Resistivity Testing	ea.	24	24	0	24	5%	0%		0		
Crane Pad	ea.	24	24	0	24	10%	0%		0		
CREWS: 0 HEADCOUNT: 0											
Substation Overall Completion											
				97% Remain	100%	3%					
General	%	100%	100%	15%	85%	20.0%	15%		15.0%		
Control / GIS Building	%	100%	100%	0%	100%	7.5%	0%		0.0%		
SCADA Building	%	100%	100%	0%	100%	7.5%	0%		0.0%		
Foundations	%	100%	100%	0%	100%	20.0%	0%		0.0%		
EM Works: High Voltage (HV)	%	100%	100%	0%	100%	15.0%	0%		0.0%		
EM Works: Medium/Low Voltage (MV/LV)	%	100%	100%	0%	100%	15.0%	0%		0.0%		
Pre-Commissioning: General	%	100%	100%	0%	100%	5.0%	0%		0.0%		
Pre-Commissioning: High Voltage (HV)	%	100%	100%	0%	100%	5.0%	0%		0.0%		
Pre-Commissioning: Medium/Low Voltage (MV/LV)	%	100%	100%	0%	100%	5.0%	0%		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%		-0.1		
Collection System Overall Completion											
				0 LF	600 LF	100%	0%				
Row clearing	LF	3,200	600	0	600	2%	0%		-140		
MV Trench Excavation	LF	3,200	600	0	600	5%	0%		-25		
MV Cable Splices	ea.	320	60	0	60	3%	0%		-9		
Fiber Optic Installation	ea.	3,200	600	0	600	5%	0%		-35		
Fiber Optic Terminations / Splices	ea.	320	60	0	60	5%	0%		-15		
Fiber Optic Testing	ea.	64	12	0	12	8%	0%		-2		
MV Cable Installation & Backfill	LF	3,200	600	0	600	15%	0%		-225		
Bores	ea.	160	30	0	30	15%	0%		-12		
MV Terminations	ea.	160	30	0	30	5%	0%		0		
Junction Boxes	ea.	80	15	0	15	5%	0%		-2		
PMT Vault Installation	ea.	32	6	0	6	7%	0%		-1		
PMT Installation	ea.	32	6	0	6	2%	0%		-6		
PMT Testing	ea.	32	6	0	6	15%	0%		-2		
PD / VLF Testing	ea.	16	3	0	3	5%	0%		-3		
Grounding System Testing	ea.	32	6	0	6	3%	0%		-3		
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%		-5		
Base Section Erected	ea.	24	24	0	24	10%	0%		-5		
Lower Mid Section Erected	ea.	24	24	0	24	5%	0%		-6		
Upper Mid Section Erected	ea.	24	24	0	24	5%	0%		-6		
Grouting	ea.	24	24	0	24	10%	0%		0		
Top Section Erected	ea.	24	24	0	24	10%	0%		-1		
Rotor Assembly	ea.	24	24	0	24	10%	0%		-1		
Nacelle Installation	ea.	24	24	0	24	10%	0%		-1		
Hub-Blades Set Installation	ea.	24	24	0	24	10%	0%		-6		
Tower Wiring	ea.	24	24	0	24	10%	0%		0		
Mechanical Walkdown (Punch list issued)	ea.	24	24	0	24	10%	0%		0		
CREWS: 0 HEADCOUNT: 0											
Turbine Commissioning											
				0 Turbines	24 Turbines	100%	0%				
Pre-Commissioned (Cold)	ea.	24	24	0	24	30%	0%		0		
Turbine Commissioned On Grid	ea.	24	24	0	24	40%	0%		-10		
Reliability Test Certificate Received	ea.	24	24	0	24	30%	0%		0		
CREWS: 0 HEADCOUNT: 0											
Commissioning											
				100% Remain	100%	0%					
HV Connection Lines	%	100%	100%	0.0%	100%	8.0%	0%		0.0%		
Delivery Substation	%	100%	100%	0.0%	100%	8.0%	0%		0.0%		
Step-Up Substation	%	100%	100%	0.0%	100%	25.5%	0%		-21.0%		
ICT Communication System	%	100%	100%	0.0%	100%	8.0%	0%		0.0%		
SCADA System	%	100%	100%	0.0%	100%	10.0%	0%		0.0%		
Circuits Commissioning	%	100%	100%	0.0%	100%	24.0%	0%		-33.3%		
Transmission Line	%	100%	100%	0.0%	100%	10.0%	0%		0.0%		
Completion and Performance Test	%	100%	100%	0.0%	100%	6.5%	0%		0.0%		
CREWS: 0 HEADCOUNT: 0											



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DELIVERIES (AS OF COB LAST WORKING DAY)

Main delivery schedule table with columns: COMPONENT, UNIT, TOTAL QUANTITIES (PLANNED, CONFIRMED), COMPLETED ACTUAL QTY, REMAINING QUANTITY, WEIGHT (%), COMPLETED ACTUAL WEIGHTED (%), DELIVERED LAST WORKDAY (LOCATIONS, ACTUAL QTY), COMPONENTS TO BE DELIVERED (TODAY, NEXT WORKDAY). Includes sections for Turbine Receiving, Collection System Receiving, and Substation Receiving.

HIGH LONESOME WIND FARM - PROGRESS SUMMARY

Progress summary table A for Turbine # 1-7. Rows include Access Road, Foundation, Deliveries Completed, Install. Completed, Commissioning, and UGCS. Summary row shows 0% completion.

Progress summary table B for Turbine # 1-9. Rows include Access Road, Foundation, Deliveries Completed, Install. Completed, Commissioning, and UGCS. Summary row shows 0% completion.

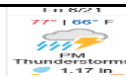
Progress summary table C for Turbine # 1-8. Rows include Access Road, Foundation, Deliveries Completed, Install. Completed, Commissioning, and UGCS. Summary row shows 0% completion.



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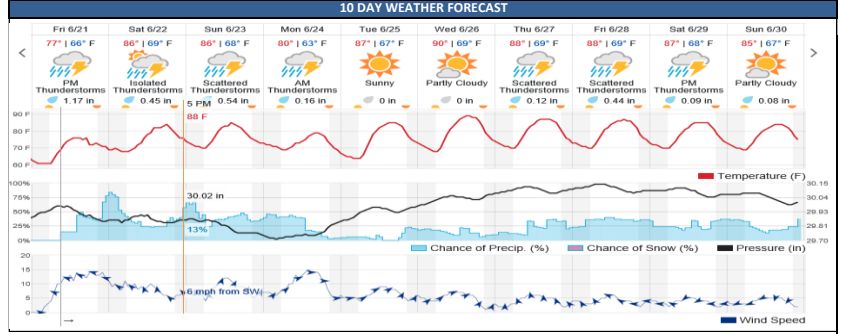
NON CONFORMITY REGISTER

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				
	Stage	UNIT	TOTAL QTY	COMPLETED	PROGRESS
	WTG - Circuits (Collection Line)	ea.	3	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%

COMPLETION CERTIFICATES STATUS				
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	0
BoP Contractor and Subs	0
Turbine Supplier	0
Substation Contractor and Subs	0
TOTAL	0

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

Total Project Hours	0
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