



Thursday, June 27, 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	Sunny	Wind Direction	N	Wind Speed	7 mph	Dew Point	62%	Temperature	High 89	Low 67	Humidity	91%	Precipitation	44%
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SAFETY						ENVIRONMENTAL					
- ALL Hands meeting: report first aid injuries, proper PPE, adhere to posted speed limits						- weed treatment scheduled for rock area July 2nd if wind speeds are < 5 mph					
- continue to monitor crews for heat related issues											
- JHA notes marked in red to alert crew to missing information											
DAILY HIGHLIGHTS						PUBLIC ROADS CLOSURES					
- culverts RCP 18						- (06/26): 1400 (275 to 200), 200 (1400 to 1325), 400 (2000 to 1842)					
- culverts CMP/HDPE 18, SS2						- (06/27): 1400 (275 to 200), 200 (1400 to 1325), 400 (2000 to 1842), 1750 (300 to 400)					
- recompact substation; anticipate proof roll 6/26						- rock and sand delivery @ 1600th and 300th; tree clearing at T11					

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	5816	20%	0%		0			
Road Fill	CY	1,973	1,973	0	1973	20%	0%		0			
Cement Stabilization	CY	15,976	15,976	0	15976	30%	0%		0			
Road Capping	CY	6,091	6,091	0	6091	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	43998	30%	0%		0			
Road Capping	CY	15,780	15,780	0	15780	30%	0%		0			
Bituminous Surface Treatment	SQY	131,951	131,951	0	131951	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%		0			
Excavation	ea.	24	24	0	24	10%	0%		0			
Soil grouting / Subgrade compaction	ea.	24	24	0	24	10%	0%		0			
Mud Mat (Lean concrete)	ea.	24	24	0	24	5%	0%		0			
Foundation Rebar	ea.	24	24	0	24	15%	0%		0			
Bolt cage	ea.	24	24	0	24	10%	0%		0			
Grounding installation	ea.	24	24	0	24	5%	0%		0			
Base section pour	ea.	24	24	0	24	10%	0%		0			
Pedestal section pour	ea.	24	24	0	24	5%	0%		0			
Foundations Backfilled	ea.	24	24	0	24	10%	0%		0			
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%		0.0%			
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			
Collection System Overall Completion												
				0 LF	600 LF	100%	0%					
Row clearing	LF	3,200	600	0	600	2%	0%		0			
MV Trench Excavation	LF	3,200	600	0	600	5%	0%		0			
MV Cable Splices	ea.	320	60	0	60	3%	0%		0			
Fiber Optic Installation	ea.	3,200	600	0	600	5%	0%		0			
Fiber Optic Terminations / Splices	ea.	320	60	0	60	5%	0%		0			
Fiber Optic Testing	ea.	64	12	0	12	8%	0%		0			
MV Cable Installation & Backfill	LF	3,200	600	0	600	15%	0%		0			
Bores	ea.	160	30	0	30	15%	0%		0			
MV Terminations	ea.	160	30	0	30	5%	0%		0			
Junction Boxes	ea.	80	15	0	15	5%	0%		0			
PMT Vault Installation	ea.	32	6	0	6	7%	0%		0			
PMT Installation	ea.	32	6	0	6	2%	0%		0			
PMT Testing	ea.	32	6	0	6	15%	0%		0			
PD / VLF Testing	ea.	16	3	0	3	5%	0%		0			
Grounding System Testing	ea.	32	6	0	6	3%	0%		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%		0			
Base Section Erected	ea.	24	24	0	24	10%	0%		0			
Lower Mid Section Erected	ea.	24	24	0	24	5%	0%		0			
Upper Mid Section Erected	ea.	24	24	0	24	5%	0%		0			
Grouting	ea.	24	24	0	24	10%	0%		0			
Top Section Erected	ea.	24	24	0	24	10%	0%		0			
Rotor Assembly	ea.	24	24	0	24	10%	0%		0			
Nacelle Installation	ea.	24	24	0	24	10%	0%		0			
Hub-Blades Set Installation	ea.	24	24	0	24	10%	0%		0			
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%		0			
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%		0.0%			
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%		0.0%			
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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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

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

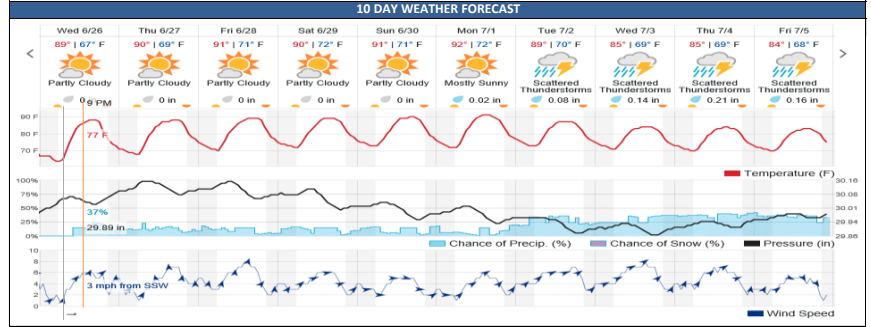
Contractor	MECHANICAL COMPLETION AND COMMISSIONING STATUS					0%
	Stage	UNIT	TOTAL QTY	COMPLETED	PROGRESS	
	WTG - Circuits (Collection Line)	ea.	3	0	0%	
	WTG - Walk Down (punch list issued)	ea.	24	0	0%	
	WTG MCC (Issued by BoP Contractor)	ea.	24	0	0%	
	WTG MCC (Signed by BoP)	ea.	24	0	0%	
	WTG MCC (Issued/signed 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	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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