



Wednesday, July 17, 2019



WHITNEY HILL WIND FARM  
24 WTG's  
21 GE 2.3 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	Fair	Wind Direction	N	Wind Speed	0 mph	Dew Point	73%	Temperature	High	92	Low	75	Humidity	97%	Precipitation	20%
<b>SAFETY</b>																
- ALERT - National Heat Advisory - strong emphasis on hydration																
- Yell tumbler awarded - Good Catch Program																
- stay alert to locate																
<b>DAILY HIGHLIGHTS</b>																
- public roads: cement stabilization @ 300; install stone base 275 & 1325; box culvert B1 (remove)																
- access roads: clear/strip T3 & T20; HDPE - T27																
- foundations: strip topsoil T7 & T6; substation - import fill & plate compaction																
<b>PUBLIC ROADS CLOSURES</b>																
- culverts: 400 from 1842 - 200 on 7/16 to 7/19; asphalt and culverts on 2000 from I. 121-400 from 7/16 to 7/17; culverts 1842 from I. 121-300 7/16 to 7/18; box culvert on 1842 from 400-300 from 7/16 to 7/20																
- cement stabilization: 1325 from T4-275 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; 3000 from I.121-400 from 7/16 to 7/25.																
<b>WORK PROGRESS (AS OF COB LAST WORKING DAY)</b>																
ACTIVITY	UNIT	TOTAL QUANTITIES		COMPLETED ACTUAL QTY	REMAINING QUANTITY	WEIGHT (%)	COMPLETED ACTUAL WEIGHTED (%)	COMPLETED LAST WORKDAY		TODAY	LOCATIONS TO COMPLETE					
		PLANNED	CONFIRMED					LOCATIONS	ACTUAL QTY		LOCATIONS TO COMPLETE	NEXT WORKDAY				
<b>Access Roads Overall Completion</b>																
Road Cut	CY	5,816	5,816	731	5,085	20%	13%									
Road Fill	CY	1,973	1,973	232	1,691	20%	14%									
Cement Stabilization	CY	15,976	15,976	2,295	13,681	30%	14%									
Road Capping	CY	6,091	6,091	0	6,091	30%	0%									
CREWS: 0 HEADCOUNT: 0																
<b>Public Roads Overall Completion</b>																
Cement Stabilization	CY	42,352	42,352	17,615	24,737	30%	42%									
Road Capping	CY	15,780	15,780	0	15,780	20%	0%									
Bituminous Surface Treatment	SGY	131,951	131,951	0	131,951	40%	0%									
CREWS: 0 HEADCOUNT: 0																
<b>Foundations Overall Completion</b>																
Excavation	ea.	24	24	0	24	5%	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%									
Rebar Sign	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																
<b>Substation Overall Completion</b>																
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																
<b>O&amp;M Building Overall Completion (if applicable)</b>																
O&M Building	%	100%	100%	0%	100%	100%	0%									
<b>Collection System Overall Completion</b>																
Row clearing	LF	3,200	600	0	600	2%	0%									
MV Trench Excavation	LF	3,200	600	0	600	5%	0%									
MV Cable Splices	ea.	320	60	0	60	2%	0%									
Fiber Optic Installation	ea.	3,200	600	0	600	5%	0%									
Fiber Optic Terminations / Splices	ea.	60	0	0	60	5%	0%									
Fiber Optic Testing	ea.	12	12	0	12	8%	0%									
MV Cable Installation & Backfill	LF	8,100	600	0	600	15%	0%									
Bore	ea.	180	30	0	30	15%	0%									
MV Terminations	ea.	180	30	0	30	5%	0%									
Junction Boxes	ea.	30	15	0	15	5%	0%									
PMT Vault Installation	ea.	12	6	0	6	7%	0%									
PMT Installation	ea.	12	6	0	6	2%	0%									
PMT Testing	ea.	12	6	0	6	15%	0%									
PD / VLF Testing	ea.	16	3	0	3	5%	0%									
Grounding System Testing	ea.	12	6	0	6	2%	0%									
CREWS: 0 HEADCOUNT: 0																
<b>WTG Erection &amp; Mechanical Overall Completion</b>																
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																
<b>Turbine Commissioning</b>																
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																
<b>Commissioning</b>																
HV Connection Lines	%	100%	100%	0.0%	100%	8.0%	0%									
Delivery Substation	%	100%	100%	0.0%	100%	8.0%	0%									
Step-Up Substation	%	100%	100%	0.0%	100%	25.5%	0%									
ICT Communication System	%	100%	100%	0.0%	100%	8.0%	0%									
SCADA System	%	100%	100%	0.0%	100%	10.0%	0%									
Circuits Commissioning	%	100%	100%	0.0%	100%	24.0%	0%									
Transmission Line	%	100%	100%	0.0%	100%	10.0%	0%									
Completion and Performance Test	%	100%	100%	0.0%	100%	6.5%	0%									
CREWS: 0 HEADCOUNT: 0																



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

MECHANICAL COMPLETION AND COMMISSIONING STATUS						COMPLETION CERTIFICATES STATUS				
Contractor	Stage	LINE#	TOTAL QTY	COMPLETED	PROGRESS	Certificate Name	Total	Signed	Remaining	Progress
WTG - Circuits (Collection Line)	ea.	24	0	0	0%	Turbine Delivery Completed	24	0	24	0%
WTG - Walk Down (punch list issued)	ea.	24	0	0	0%	Foundation Completion	24	0	24	0%
WTG MCC (Issued by BOP Contractor)	ea.	24	0	0	0%	WTG Mechanical Completion	24	0	24	0%
WTG MCC (Signed by EOP)	ea.	24	0	0	0%	Reliability Test	24	0	24	0%
WTG MCC (Issued/signed by Supplier)	ea.	24	0	0	0%	Commissioning	24	0	24	0%
WTG Pre-Commissioning	ea.	24	0	0	0%	UGCS Completion	3	0	3	0%
WTG Commissioning	ea.	24	0	0	0%	Substation Mechanical Completion	1	0	1	0%
WTG Reliability Run Test Finalized	ea.	24	0	0	0%	O&M Building Completion	1	0	1	0%
Substation Commissioning	%	1	0	0	0%	Substantial BOP Completion	1	0	1	0%
First Synchronization	ea.	1	0	0	0%	Substantial Substation Completion	1	0	1	0%
Additional Capacity Declaration	ea.	1	0	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	6
BOP Contractor and Subs	65
Turbine Supplier	0
Substation Contractor and Subs	0
<b>TOTAL</b>	<b>71</b>

SITE GPS COORDINATES	
<b>O&amp;M Building</b>	LAT
	LONG
<b>Substation</b>	LAT
	LONG
<b>POI</b>	LAT
	LONG

