



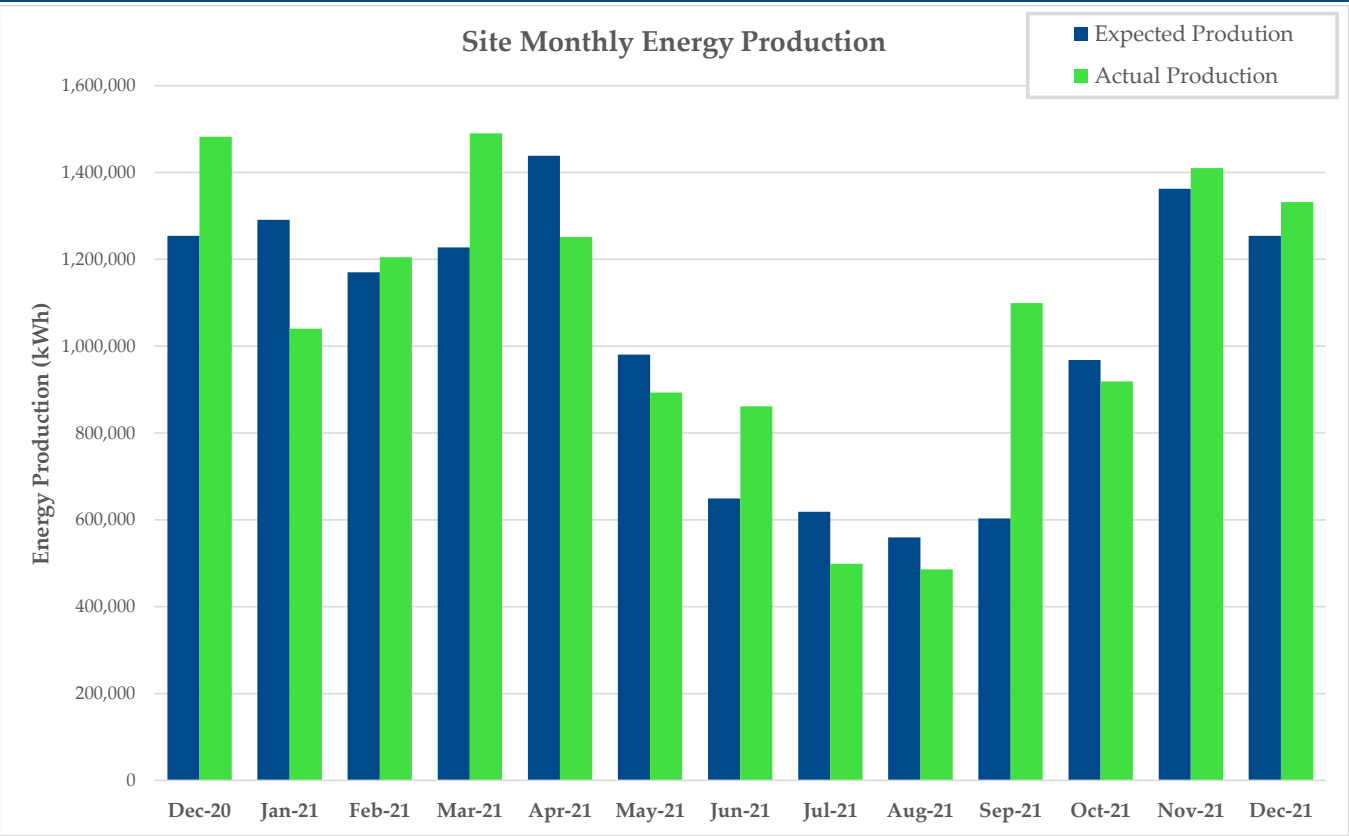
Cooper Farms' Wind VW
Van Wert, OH

A. Site Energy Production Summary

	Energy Production (kWh)					
	Site		By Turbine			
	Expected Production	Actual Production	WTG 1	WTG 2	WTG 3	
Dec-20	1,254,397	1,482,516	499,090	482,621	500,805	***
Jan-21	1,290,968	1,040,455	349,760	337,475	353,220	***
Feb-21	1,170,349	1,204,626	405,232	399,987	399,407	***
Mar-21	1,227,217	1,490,469	490,288	498,026	502,155	
Apr-21	1,438,497	1,251,068	419,058	407,202	424,808	
May-21	980,450	893,080	302,659	292,214	298,207	
Jun-21	649,158	861,377	289,298	277,290	294,789	
Jul-21	618,687	498,535	168,876	158,185	171,474	
Aug-21	559,508	485,548	159,184	160,241	166,123	
Sep-21	603,085	1,099,035	372,447	353,027	373,561	
Oct-21	967,926	918,473	308,929	305,665	303,879	
Nov-21	1,362,692	1,409,993	478,180	445,587	486,226	
Dec-21	1,254,397	1,331,608	397,271	459,909	474,428	
Production 2021 (ytd) (kWh)	12,122,935	12,484,267	4,141,182	4,094,808	4,248,277	
Total Production (LTM) (kWh)	12,122,935	12,484,267	4,141,182	4,094,808	4,248,277	
Capacity Factor (LTM)	31.67%					

B. Site Energy Production Graph

December-2021



Monthly Report
December-2021



C. Safety Summary

	This Month	Project Cumulative
Recordable Incident(s)	0	0
Near Miss(es)	0	0

D. Planned Maintenance Events

Date	Event	Duration (hr)	Turbine
March-2022	Goldwind 9.5 Year Maintenance	~8	WTG 1
March-2022	Goldwind 9.5 Year Maintenance	~8	WTG 2
March-2022	Goldwind 9.5 Year Maintenance	~8	WTG 3

E. Actual Maintenance Events

Date	Event	Planned/Unplanned	Duration (hrs)	Turbine
12/11/2021	Weather Shutdown	Unplanned	7.78	WTG 1, WTG 2, WTG 3
12/15 - 17/2021	Turbine Fault	Unplanned	43.81	WTG 1
12/28 - 29/2021	Weather Shutdown	Unplanned	7.91	WTG 1, WTG 2, WTG 3

F. Turbine Availability & Downtime****

Availability	This Month	Year To Date
WTG 1	93.57%	99.31%
WTG 2	99.99%	100.00%
WTG 3	99.97%	99.79%
Avg	97.84%	99.70%

Downtime (hr)	This Month	Year To Date
WTG 1	63.61	200.91
WTG 2	15.81	153.59
WTG 3	15.92	203.09
Total	95.34	557.59

G. Wind Speed & Capacity Factor***

Wind Speed (mph)	This Month	2021 Annual
WTG 1	13.38	14.21
WTG 2	13.72	12.19
WTG 3	14.00	12.52
Estimated	14.23	13.39

Capacity Factor (%)	This Month	2021 Annual
WTG 1	35.60%	31.42%
WTG 2	41.21%	31.05%
WTG 3	42.51%	32.41%
Low Estimate	37.80%	28.72%

H. Report Notes and Comments

***Production, wind speed, and capacity factor data include estimates due to loss of communications.

****Year to Date does not include January 2021 due to loss of communications.

*****December 2021 Downtime and Availability are pending further review and will be updated in the January report.