



Cooper Farms' Wind VW

Van Wert, OH

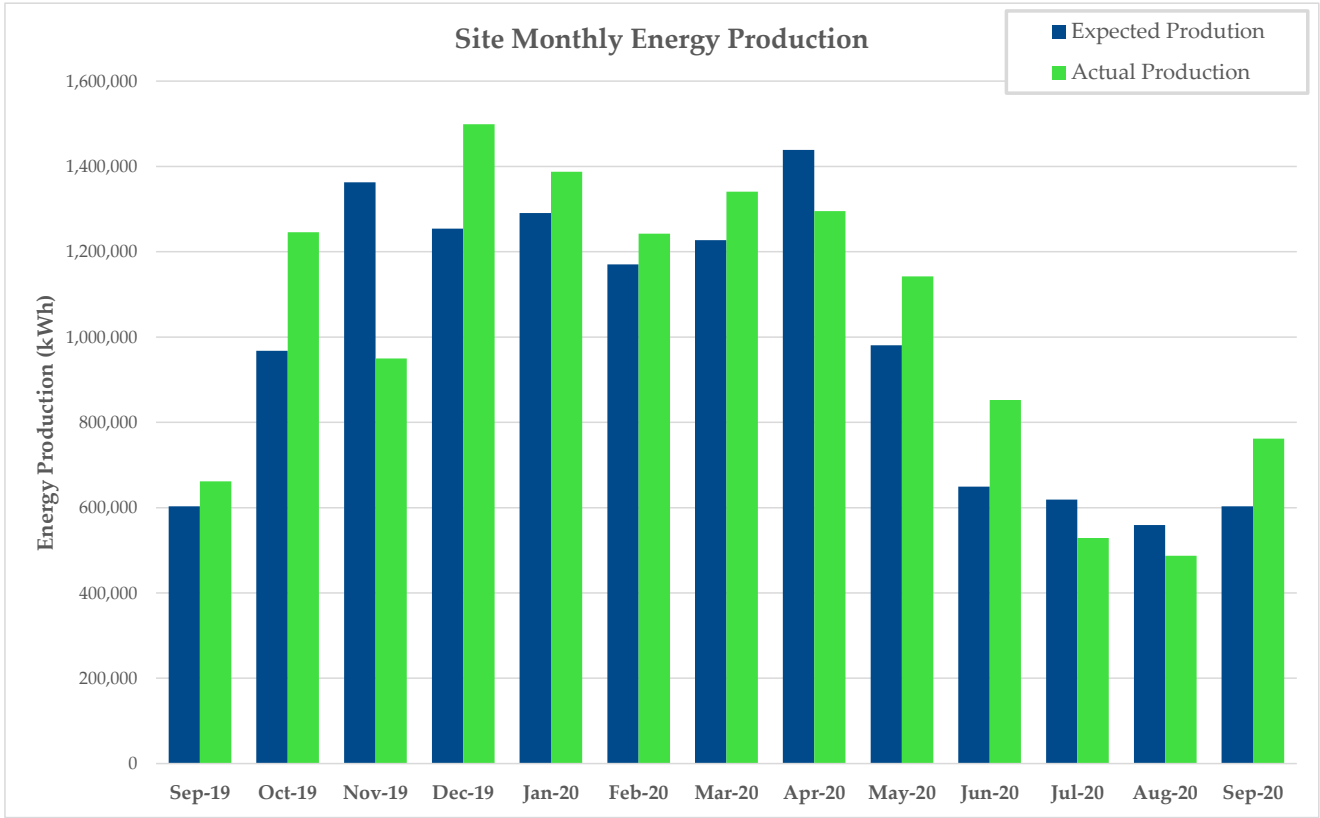


A. Site Energy Production Summary

	Energy Production (kWh)				
	Site		By Turbine		
	Expected Production	Actual Production	WTG 1	WTG 2	WTG 3
Sep-19	603,085	661,430	222,160	210,200	229,070
Oct-19	967,926	1,245,578	439,840	409,100	396,638
Nov-19	1,362,692	949,912	322,750	306,104	321,058
Dec-19	1,254,397	1,498,820	512,000	495,240	491,580
Jan-20	1,290,968	1,387,580	464,970	466,460	456,150
Feb-20	1,170,349	1,242,370	420,920	399,500	421,950
Mar-20	1,227,217	1,340,920	444,790	447,690	448,440
Apr-20	1,438,497	1,295,130	436,050	428,960	430,120
May-20	980,450	1,142,460	377,910	378,900	385,650
Jun-20	649,158	852,346	272,591	295,318	284,437
Jul-20	618,687	528,832	180,643	167,948	180,241
Aug-20	559,508	487,140	165,460	156,070	165,610
Sep-20	603,085	761,895	258,867	246,913	256,115
Production 2020 (ytd) (kWh)	8,537,920	9,038,673	3,022,201	2,987,759	3,028,713
Total Production (kWh)*	12,122,935	12,732,983	4,296,791	4,198,203	4,237,989
Capacity Factor*	32.21%		*Value calculated over the last 12 months		

B. Site Energy Production Graph

September-2020



Monthly Report

September-2020

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
September-2020	Goldwind 8 Year Maintenance	~15	WTG 1
September-2020	Goldwind 8 Year Maintenance	~15	WTG 2
September-2020	Goldwind 8 Year Maintenance	~15	WTG 3

E. Actual Maintenance Events***

Date	Event	Planned/Unplanned	Duration (hrs)	Turbine
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F. Turbine Availability & Downtime***

Availability	This Month	Year To Date
WTG 1	100.00%	99.62%
WTG 2	96.99%	99.62%
WTG 3	100.00%	99.38%
Avg	99.00%	99.54%

Downtime (hr)	This Month	Year To Date
WTG 1	11.25	115.95
WTG 2	37.71	122.87
WTG 3	48.35	165.06
Total	97.31	403.88

G. Wind Speed & Capacity Factor**

Wind Speed (mph)	This Month	2020 Annual
WTG 1	13.91	14.12
WTG 2	10.97	11.95
WTG 3	10.39	12.19
Estimated	11.09	13.39

Capacity Factor (%)	This Month	2020 Annual
WTG 1	23.97%	31.21%
WTG 2	22.86%	30.85%
WTG 3	23.71%	31.28%
Low Estimate	18.42%	28.72%

H. Report Notes and Comments

**Data includes estimated production, wind speed, and capacity factor values for June, July, and September 2020 due to loss of communications.

***Downtime and availability pending further review. Actual maintenance events to be listed upon review.