



Cooper Farms' Wind VW

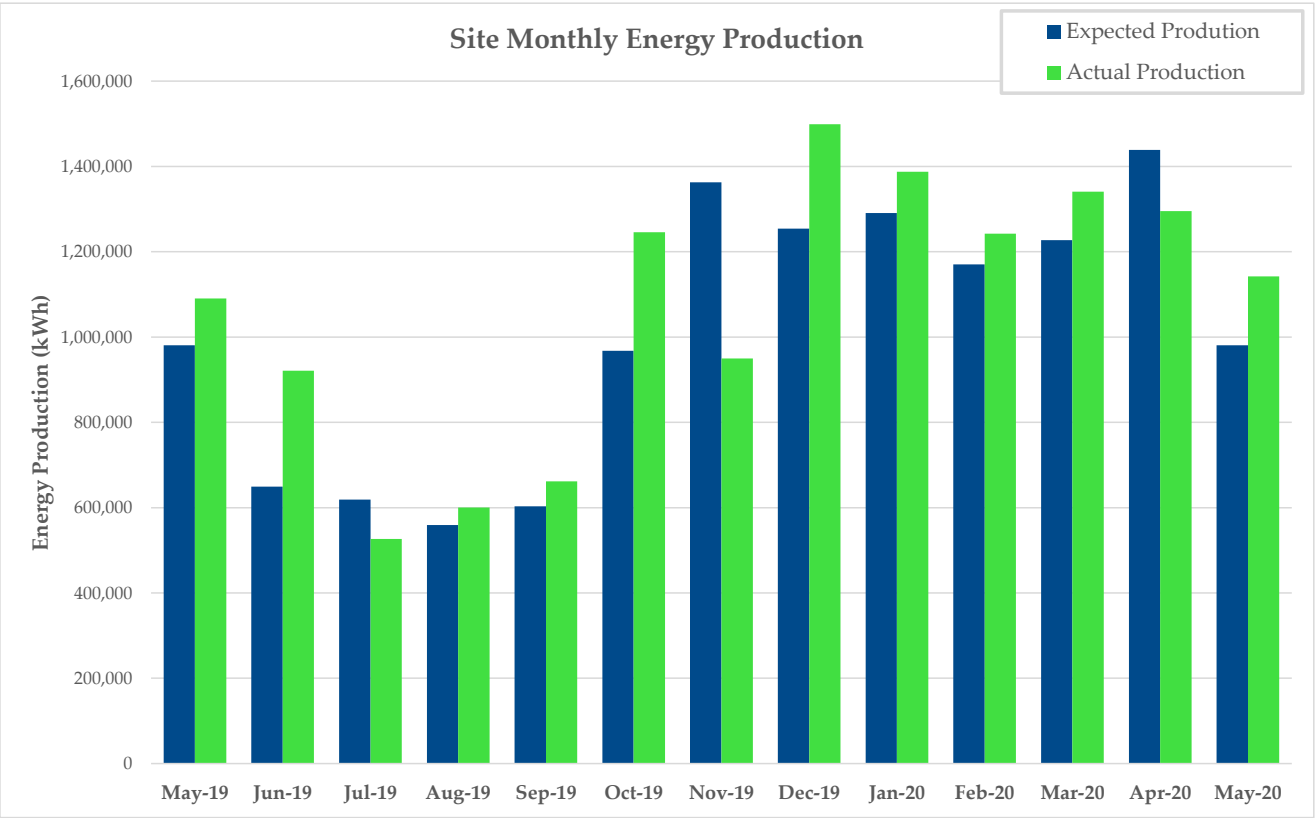
Van Wert, OH

A. Site Energy Production Summary

	Energy Production (kWh)				
	Site		By Turbine		
	Expected Production	Actual Production	WTG 1	WTG 2	WTG 3
May-19	980,450	1,090,450	368,640	351,610	370,200
Jun-19	649,158	921,230	304,100	301,760	315,370
Jul-19	618,687	526,810	179,780	167,330	179,700
Aug-19	559,508	600,600	200,850	197,710	202,040
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
Production 2020 (ytd) (kWh)	6,107,481	6,408,460	2,144,640	2,121,510	2,142,310
Total Production (kWh)*	12,122,935	12,812,840	4,326,120	4,208,954	4,277,766
Capacity Factor*	32.41%		*Value calculated over the last 12 months		

B. Site Energy Production Graph

May-2020



Monthly Report

May-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	99.96%	99.96%
WTG 2	99.73%	99.93%
WTG 3	100.00%	99.22%
Avg	99.90%	99.70%

Downtime (hr)	This Month	Year To Date
WTG 1	1.87	31.99
WTG 2	3.63	37.08
WTG 3	1.05	55.55
Total	6.55	124.62

G. Wind Speed & Capacity Factor

Wind Speed (mph)	This Month	2020 Annual
WTG 1	14.70	14.89
WTG 2	12.69	13.26
WTG 3	13.10	13.58
Estimated	13.57	13.39

Capacity Factor (%)	This Month	2020 Annual
WTG 1	33.86%	39.19%
WTG 2	33.95%	38.77%
WTG 3	34.56%	39.15%
Low Estimate	28.39%	28.72%

H. Report Notes and Comments