



Cooper Farms' Wind VW

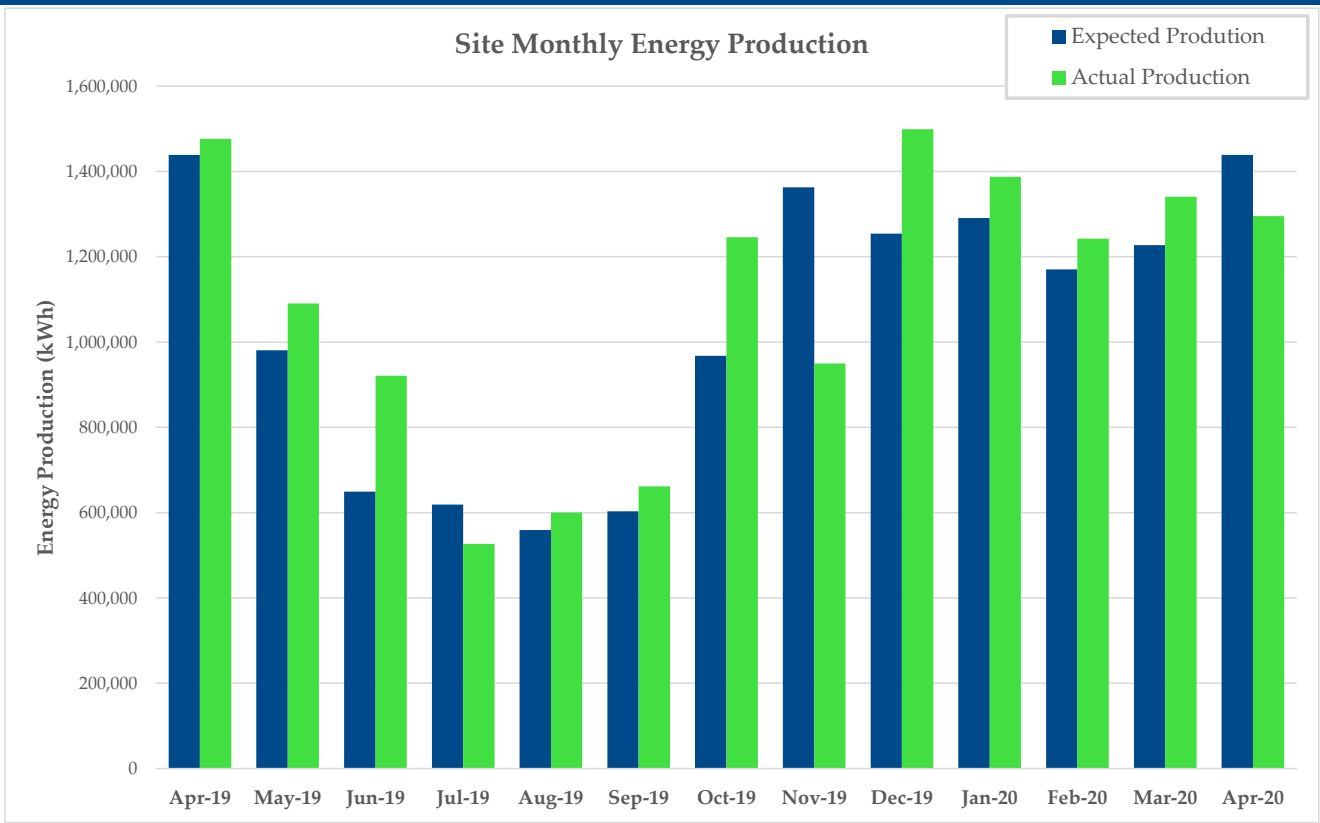
Van Wert, OH

A. Site Energy Production Summary

	Energy Production (kWh)				
	Site		By Turbine		
	Expected Production	Actual Production	WTG 1	WTG 2	WTG 3
Apr-19	1,438,497	1,476,210	495,410	493,970	486,830
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
Production 2020 (ytd) (kWh)	5,127,031	5,266,000	1,766,730	1,742,610	1,756,660
Total Production (kWh)*	12,122,935	12,760,830	4,316,850	4,181,664	4,262,316
Capacity Factor*	32.28%		*Value calculated over the last 12 months		

B. Site Energy Production Graph

April-2020



Monthly Report

April-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%	99.96%
WTG 2	99.91%	99.98%
WTG 3	100.00%	99.03%
Avg	99.97%	99.65%

Downtime (hr)	This Month	Year To Date
WTG 1	0.00	30.12
WTG 2	0.64	33.45
WTG 3	0.46	54.50
Total	1.10	118.07

G. Wind Speed & Capacity Factor

Wind Speed (mph)	This Month	2020 Annual
WTG 1	14.87	14.94
WTG 2	13.41	13.40
WTG 3	13.69	13.71
Estimated	16.62	13.39

Capacity Factor (%)	This Month	2020 Annual
WTG 1	40.38%	40.56%
WTG 2	39.72%	40.00%
WTG 3	39.83%	40.33%
Low Estimate	42.22%	28.72%

H. Report Notes and Comments