



Cooper Farms' Wind VW

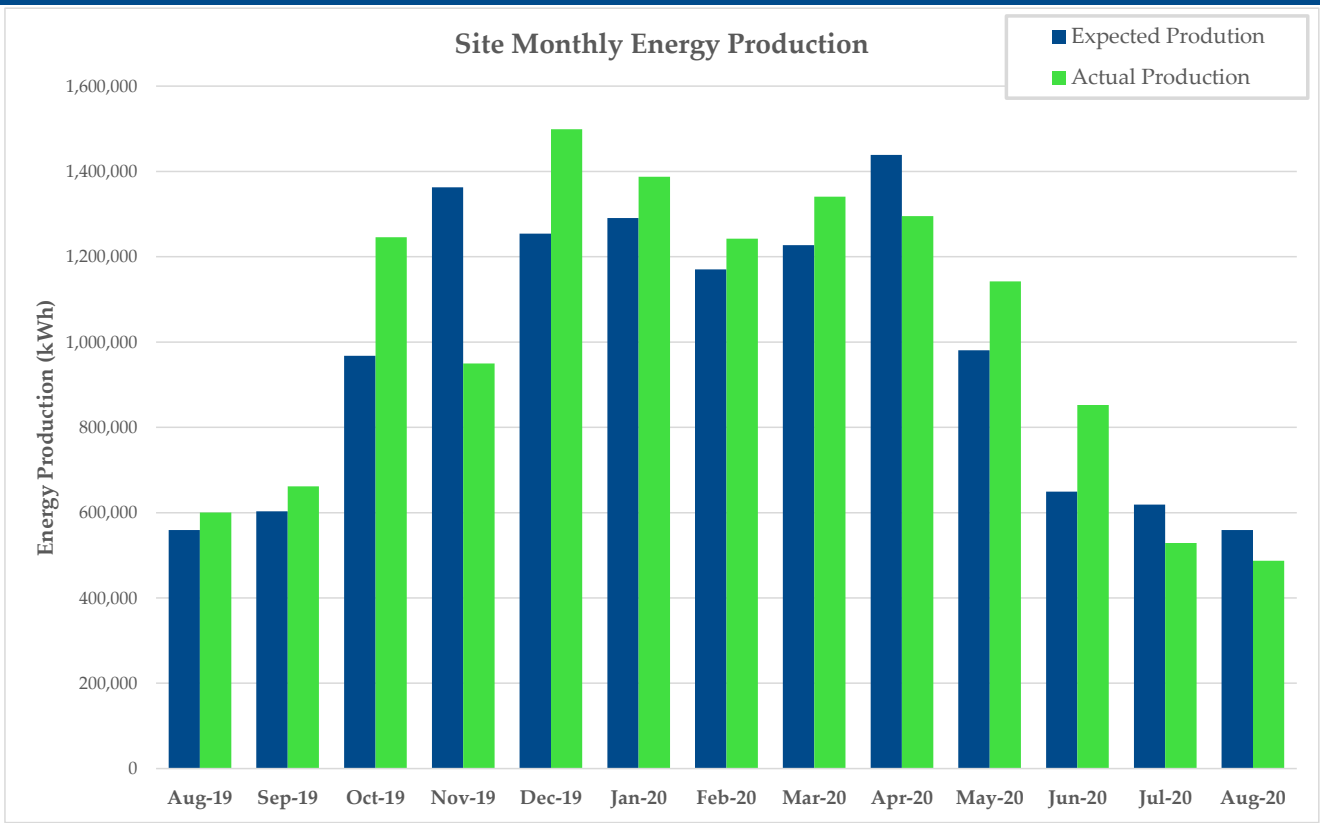
Van Wert, OH

A. Site Energy Production Summary

	Energy Production (kWh)				
	Site		By Turbine		
	Expected Production	Actual Production	WTG 1	WTG 2	WTG 3
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
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
Production 2020 (ytd) (kWh)	7,934,835	8,276,778	2,763,334	2,740,846	2,772,598
Total Production (kWh)*	12,122,935	12,632,518	4,260,084	4,161,490	4,210,944
Capacity Factor*	31.96%		*Value calculated over the last 12 months		

B. Site Energy Production Graph

August-2020



Monthly Report

August-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
8/10/2020	Weather Shutdown	Unplanned	4.75	WTG 1, 2, 3

F. Turbine Availability & Downtime

Availability	This Month	Year To Date
WTG 1	99.51%	99.57%
WTG 2	100.00%	99.95%
WTG 3	100.00%	99.30%
Avg	99.84%	99.61%

Downtime (hr)	This Month	Year To Date
WTG 1	9.49	104.70
WTG 2	5.82	85.16
WTG 3	5.82	116.71
Total	21.13	306.57

G. Wind Speed & Capacity Factor**

Wind Speed (mph)	This Month	2020 Annual
WTG 1	12.61	14.14
WTG 2	8.93	12.06
WTG 3	9.30	12.41
Estimated	11.09	13.39

Capacity Factor (%)	This Month	2020 Annual
WTG 1	14.83%	31.98%
WTG 2	13.98%	31.72%
WTG 3	14.84%	32.09%
Low Estimate	14.90%	28.72%

H. Report Notes and Comments

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