



Cooper Farms' Wind VW

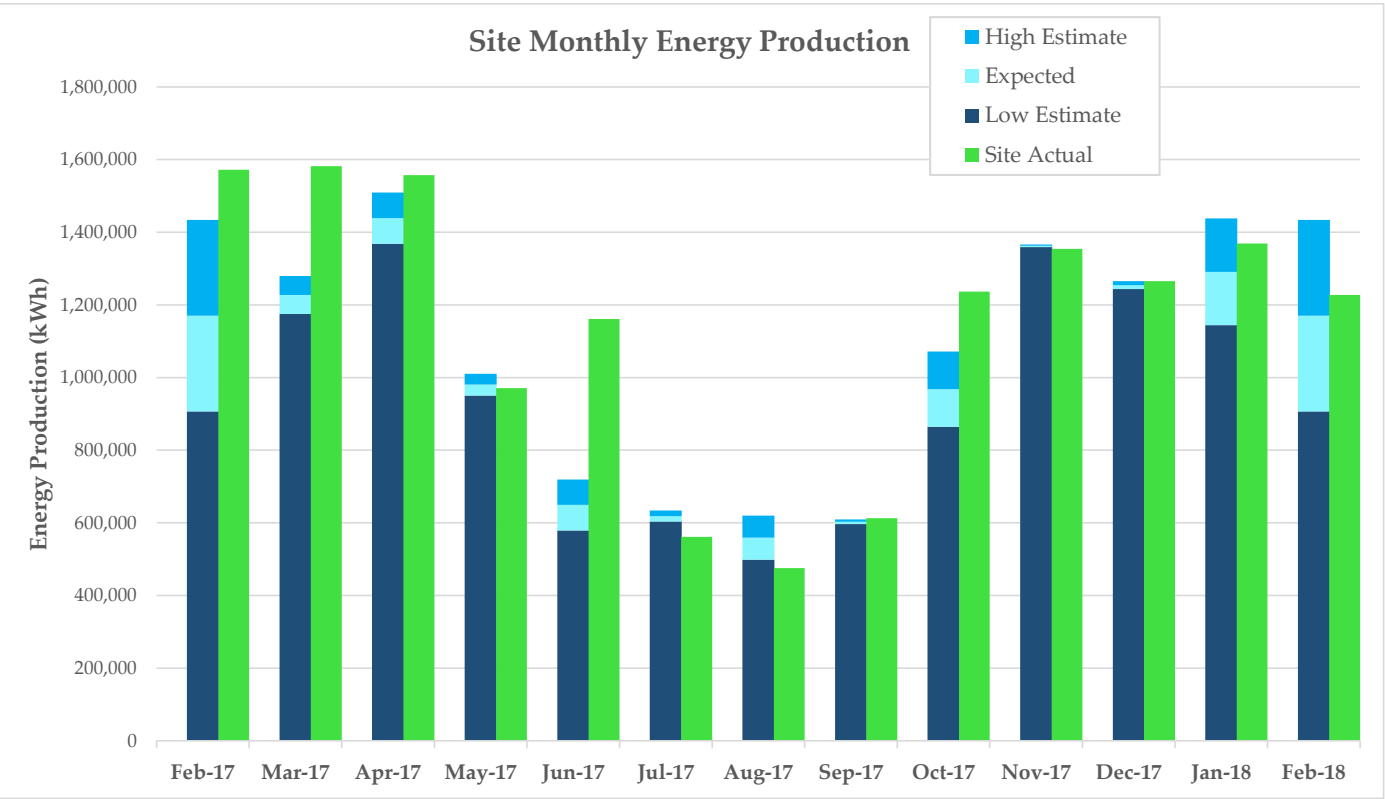
Van Wert, OH

A. Site Energy Production Summary

	Energy Production (kWh)				
	Site		By Turbine		
	Expected Production	Actual Production	WTG 1	WTG 2	WTG 3
Feb-17	1,170,349	1,572,230	533,230	515,160	523,840
Mar-17	1,227,217	1,581,840	535,650	530,270	515,920
Apr-17	1,438,497	1,557,140	513,210	522,740	521,190
May-17	980,450	970,970	251,820	307,320	411,830
Jun-17	649,158	1,161,410	402,990	369,220	389,200
Jul-17	618,687	561,560	191,610	186,470	183,480
Aug-17	559,508	475,092	176,146	172,986	125,960
Sep-17	603,085	612,820	204,550	207,830	200,440
Oct-17	967,926	1,236,610	415,110	393,660	427,840
Nov-17	1,362,692	1,354,336	447,934	467,136	439,266
Dec-17	1,254,397	1,265,600	312,430	468,440	484,730
Jan-18	1,290,968	1,369,330	300,220	544,990	524,120
Feb-18	1,170,349	1,227,684	415,536	413,210	398,938
Production 2018 (ytd) (kWh)	2,461,317	2,597,014	715,756	958,200	923,058
Total Production (kWh)*	12,122,935	13,374,392	4,167,206	4,584,272	4,622,914
Capacity Factor*	33.93%		*Value calculated over the last 12 months		

B. Site Energy Production Graph

February-2018



Monthly Report

February-2018



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
June-2018	Goldwind 6 Year Maintenance	~15	WTG 1
June-2018	Goldwind 6 Year Maintenance	~15	WTG 2
June-2018	Goldwind 6 Year Maintenance	~15	WTG 3

E. Actual Maintenance Events

Date	Event	Planned/Unplanned	Duration (hr)	Turbine
2/25/2018	Grid Fault	Unplanned	6.25	WTG 3

F. Turbine Availability & Downtime

Availability (%)	This Month	Year to Date
WTG 1	100.00%	99.86%
WTG 2	100.00%	100.00%
WTG 3	100.00%	99.89%
Avg	100.00%	99.92%

Downtime (hr)	This Month	Year to Date
WTG 1	1.30	50.15
WTG 2	2.72	48.73
WTG 3	11.98	74.97
Total	16.00	173.85

G. Wind Speed & Capacity Factor

Wind Speed (mph)	This Month	2018 Annual
WTG 1	13.48	14.17
WTG 2	13.53	14.24
WTG 3	14.14	14.85
Estimated	17.02	13.39

Capacity Factor (%)	This Month	2018 Annual
WTG 1	41.22%	33.70%
WTG 2	40.99%	45.11%
WTG 3	39.58%	43.46%
Low Estimate	29.98%	28.70%

H. Report Notes and Comments