



Cooper Farms' Wind VW

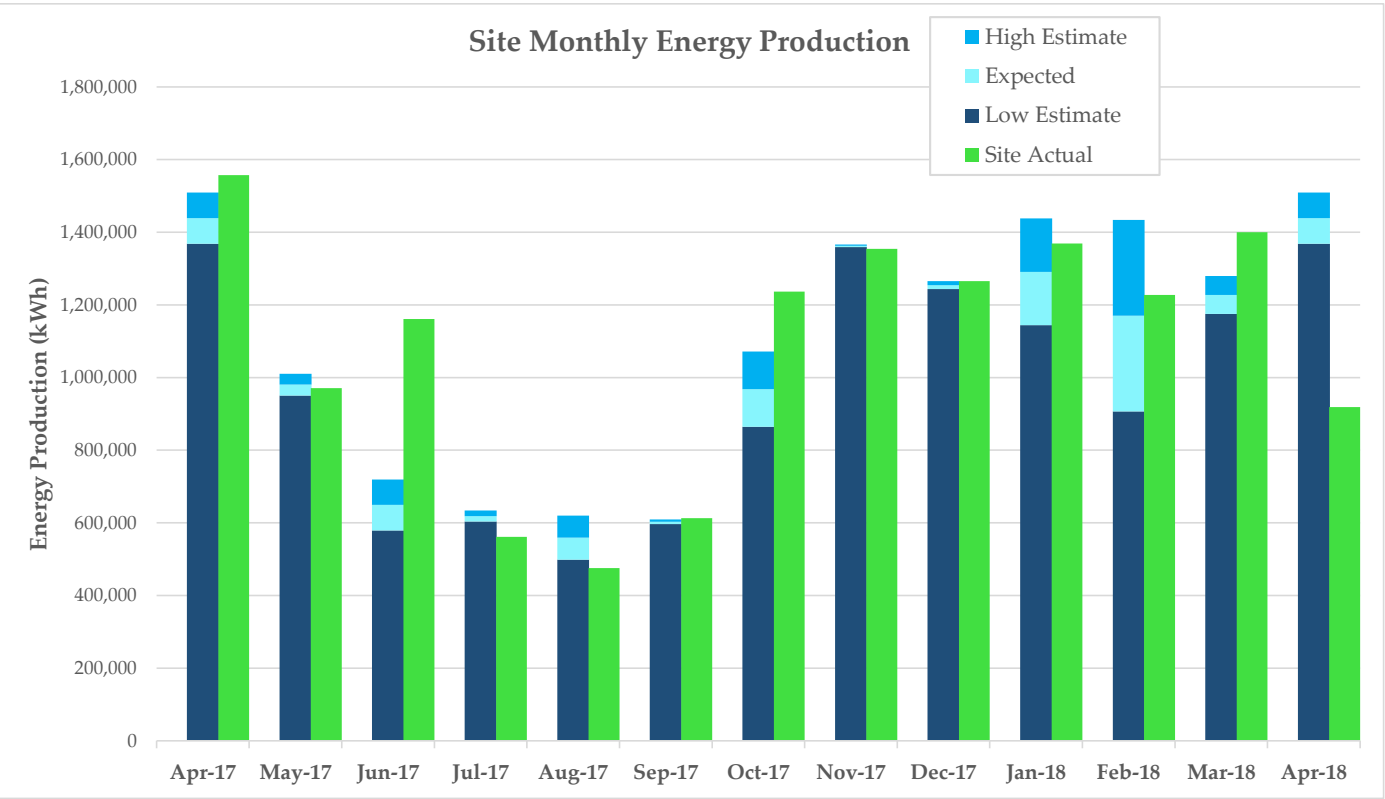
Van Wert, OH

A. Site Energy Production Summary

Energy Production (kWh)					
	Site		By Turbine		
	Expected Production	Actual Production	WTG 1	WTG 2	WTG 3
Apr-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
Mar-18	1,227,217	1,400,340	500,650	409,470	490,220
Apr-18	1,438,497	918,970	311,290	302,960	304,720
Production 2018 (ytd) (kWh)	5,127,031	4,916,324	1,527,696	1,670,630	1,717,998
Total Production (kWh)*	12,122,935	12,554,722	3,930,286	4,243,692	4,380,744
Capacity Factor*	31.85%		*Value calculated over the last 12 months		

B. Site Energy Production Graph

April-2018



Monthly Report

April-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
5/16/2018	Grid Fault	Unplanned	5.52	WTG 1
5/17-5/26/2018	Shutdown - allocation to be determined	Unplanned	230.38	WTG 1
5/17-5/26/2018	Shutdown - allocation to be determined	Unplanned	224.60	WTG 2
5/17-5/26/2018	Shutdown - allocation to be determined	Unplanned	223.22	WTG 3

F. Turbine Availability & Downtime*

Availability (%)	This Month	Year to Date
WTG 1	-	99.91%
WTG 2	-	99.88%
WTG 3	-	99.89%
Avg	-	99.90%

Downtime (hr)	This Month	Year to Date
WTG 1	235.90	286.05
WTG 2	227.64	280.22
WTG 3	225.38	301.73
Total	688.92	868.00

G. Wind Speed & Capacity Factor

Wind Speed (mph)	This Month	2018 Annual
WTG 1	13.51	13.90
WTG 2	13.22	13.91
WTG 3	13.55	14.38
Estimated	16.62	13.39

Capacity Factor (%)	This Month	2018 Annual
WTG 1	28.82%	35.36%
WTG 2	28.05%	38.67%
WTG 3	28.21%	39.77%
Low Estimate	42.22%	28.70%

H. Report Notes and Comments

*Availability being determined and will be sent with an updated report at a later date.