



HARPSTER WIND PROJECT

Harpster, OH

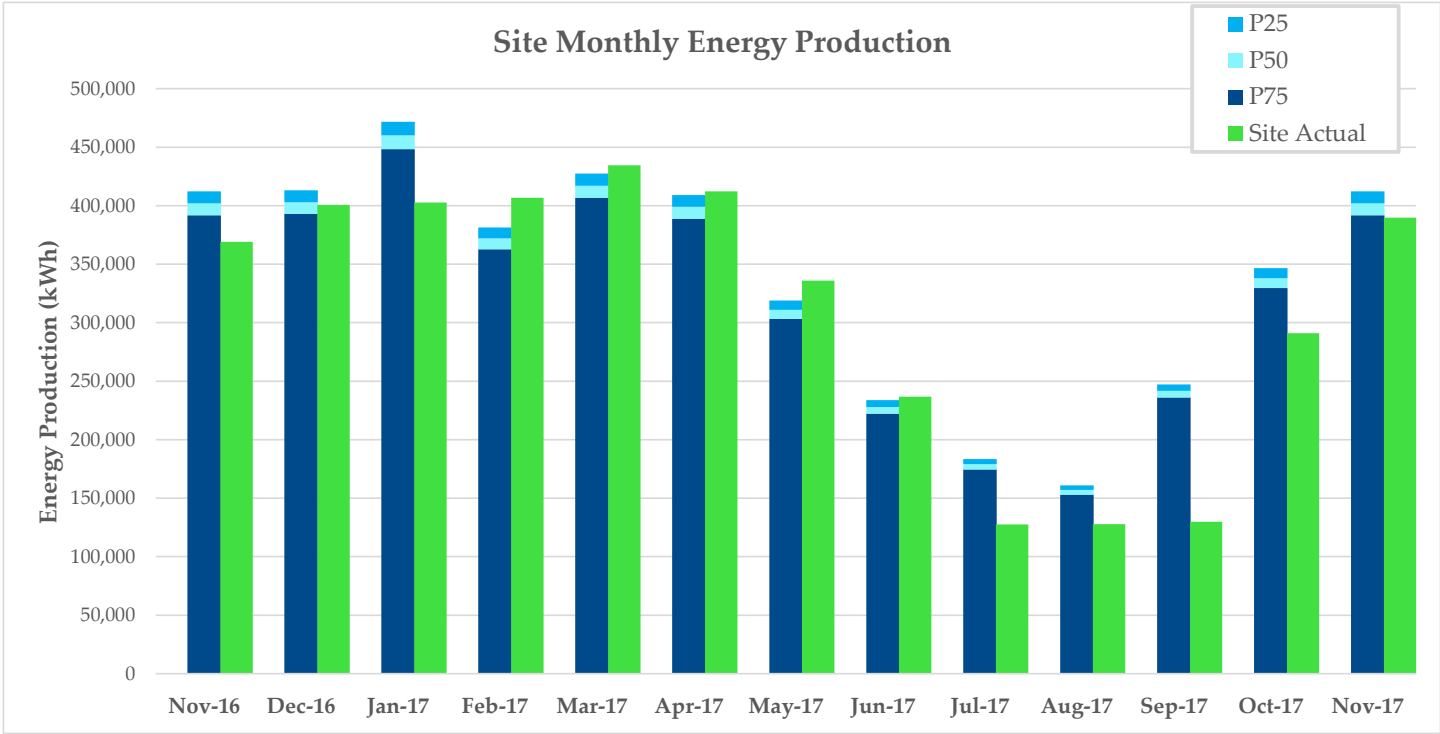
A. Site Energy Production Summary

	Energy Production (kWh)	
	Project	
	P50 (Expected Production)	Actual Production
Nov-16	402,000	369,112
Dec-16	403,000	400,649
Jan-17	460,000	402,596
Feb-17	372,000	406,678
Mar-17	417,000	434,411
Apr-17	399,000	412,306
May-17	311,000	335,979
Jun-17	228,000	236,682
Jul-17	179,000	127,663
Aug-17	157,000	127,837
Sep-17	224,000	129,889
Oct-17	338,000	290,901
Nov-17	402,000	389,716
Production 2017 (ytd) (kWh)	3,487,000	3,294,658
Total Production (kWh)*	3,890,000	3,695,307
Capacity Factor*	28.12%	

*Value calculated over the last 12 months

B. Site Energy Production Graph

November-2017



Monthly Report

November-2017



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)	Wind Turbine
December-2017	Goldwind 1.5 year maintenance	~8	H1

E. Actual Maintenance Events

Date	Event	Planned/Unplanned	Duration (hr)	Wind Turbine
11/5/2017	Severe Weather Event	Unplanned	6.53	H1

F. Turbine Availability & Downtime

Availability	This Month	Year To Date
WTG	99.98%	99.37%
Downtime (hr)	This Month	Year To Date
WTG	14.63	356.14

G. Billed Data

Meter Reading (Date/Time)	11/21/2017 12:00 AM
Meter To Date Produced	5,676,701 kWh
Meter To Date Consumed	21,832 kWh
Last Reading Produced	5,345,249 kWh
Last Reading Consumed	21,214 kWh
Billed kWh	330,834 kWh
Next Meter Reading	12/21/2017 12:00 AM

H. Report Notes and Comments

**Goldwind 1.5 year maintenance moved to December-2017.