



HARPSTER WIND PROJECT

Harpster, OH

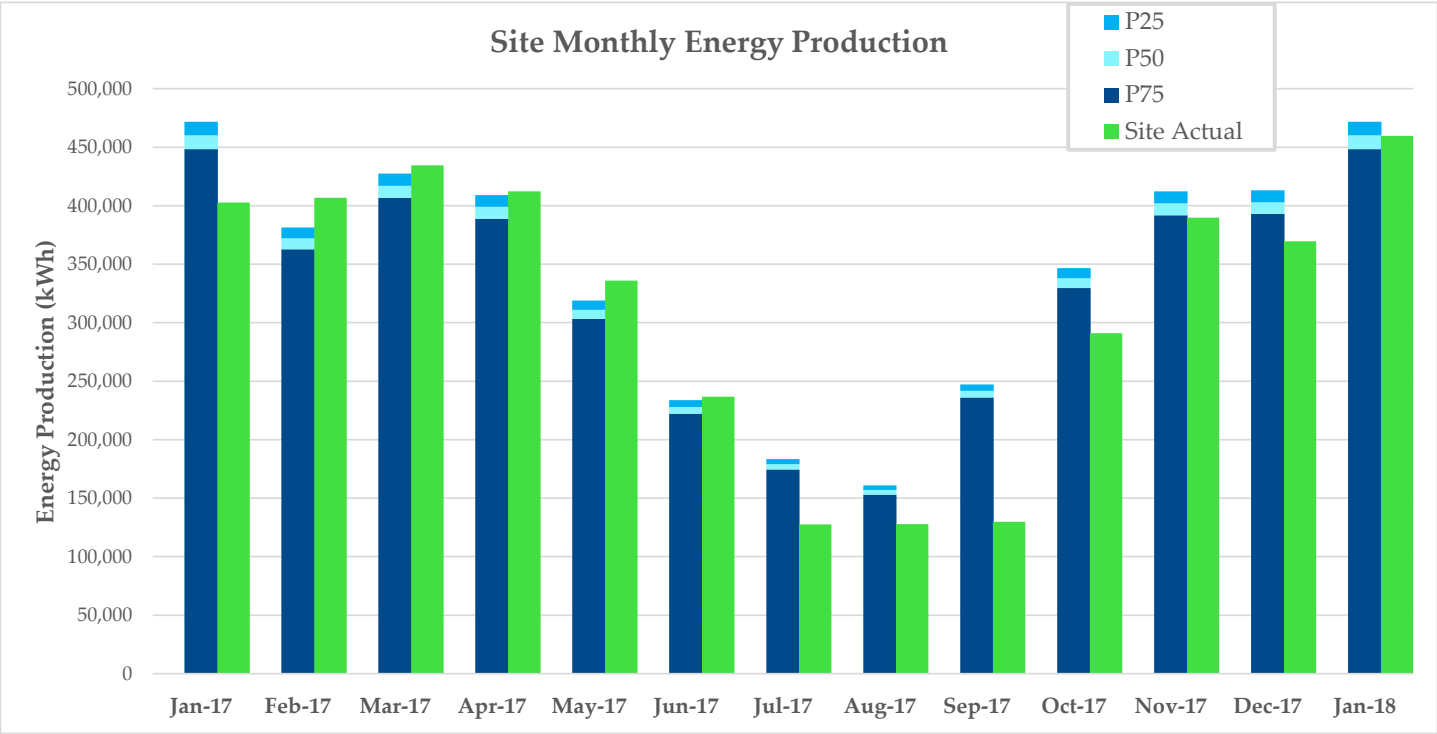
A. Site Energy Production Summary

	Energy Production (kWh)	
	Project	
	P50 (Expected Production)	Actual Production
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
Dec-17	403,000	369,540
Jan-18	460,000	459,673
Production 2018 (ytd) (kWh)	460,000	459,673
Total Production (kWh)*	3,890,000	3,721,275
Capacity Factor*	28.32%	

*Value calculated over the last 12 months

B. Site Energy Production Graph

January-2018



Monthly Report

January-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)	Wind Turbine
June-2018	Goldwind 2 year maintenance	~15	H1

E. Actual Maintenance Events

Date	Event	Planned/Unplanned	Duration (hr)	Wind Turbine
1/8/2018	Icing Event	Unplanned	8.41	H1
1/24-1/25/2018	Icing Event	Unplanned	17.43	H1
1/28/2018	Grid Fault	Unplanned	4.98	H1

F. Turbine Availability & Downtime

Availability	This Month	Year To Date
WTG	99.97%	99.97%
Downtime (hr)	This Month	Year To Date
WTG	41.97	41.97

G. Billed Data

Meter Reading (Date/Time)	1/25/2018 12:00 AM
Meter To Date Produced	6,547,309 kWh
Meter To Date Consumed	23,184 kWh
Last Reading Produced	6,160,955 kWh
Last Reading Consumed	22,415 kWh
Billed kWh	385,584 kWh
Next Meter Reading	2/25/2018 12:00 AM

H. Report Notes and Comments