



HARPSTER WIND PROJECT

Harpster, OH

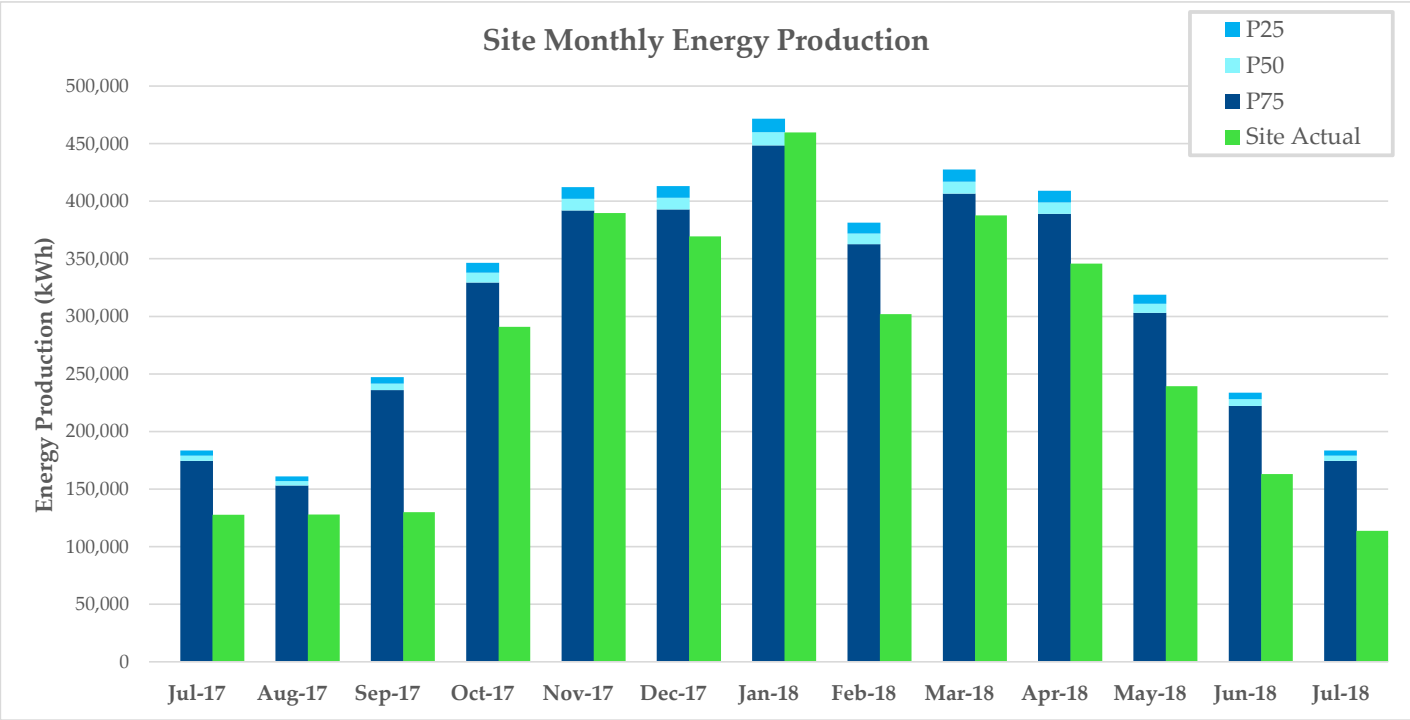
A. Site Energy Production Summary

	Energy Production (kWh)	
	Project	
	P50 (Expected Production)	Actual Production
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
Feb-18	372,000	301,893
Mar-18	417,000	387,657
Apr-18	399,000	345,831
May-18	311,000	239,306
Jun-18	228,000	163,129
Jul-18	179,000	113,791
Production 2018 (ytd) (kWh)	2,366,000	2,011,280
Total Production (kWh)*	3,890,000	3,319,163
Capacity Factor*	25.26%	

*Value calculated over the last 12 months

B. Site Energy Production Graph

July-2018



Monthly Report

July-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
November-2018	Goldwind 2.5 Year Maintenance	~8	H1

E. Actual Maintenance Events

Date	Event	Planned/Unplanned	Duration (hr)	Wind Turbine
7/9/2018	Grid Fault	Unplanned	8.49	H1
7/10/2018	Grid Fault	Unplanned	11.23	H1
7/12/2018	Low Grid Voltage Error	Unplanned	8.60	H1
7/13/2018	Grid Fault	Unplanned	18.91	H1

F. Turbine Availability & Downtime

Availability	This Month	Year To Date
WTG	99.95%	99.90%
Downtime (hr)	This Month	Year To Date
WTG	47.87	190.94

G. Billed Data

Meter Reading (Date/Time)	7/25/2018 12:00 AM
Meter To Date Produced	8,144,020 kWh
Meter To Date Consumed	28,936 kWh
Last Reading Produced	8,026,339 kWh
Last Reading Consumed	27,504 kWh
Billed kWh	116,250 kWh
Next Meter Reading	8/25/2018 12:00 AM

H. Report Notes and Comments