



HARPSTER WIND PROJECT

Harpster, OH

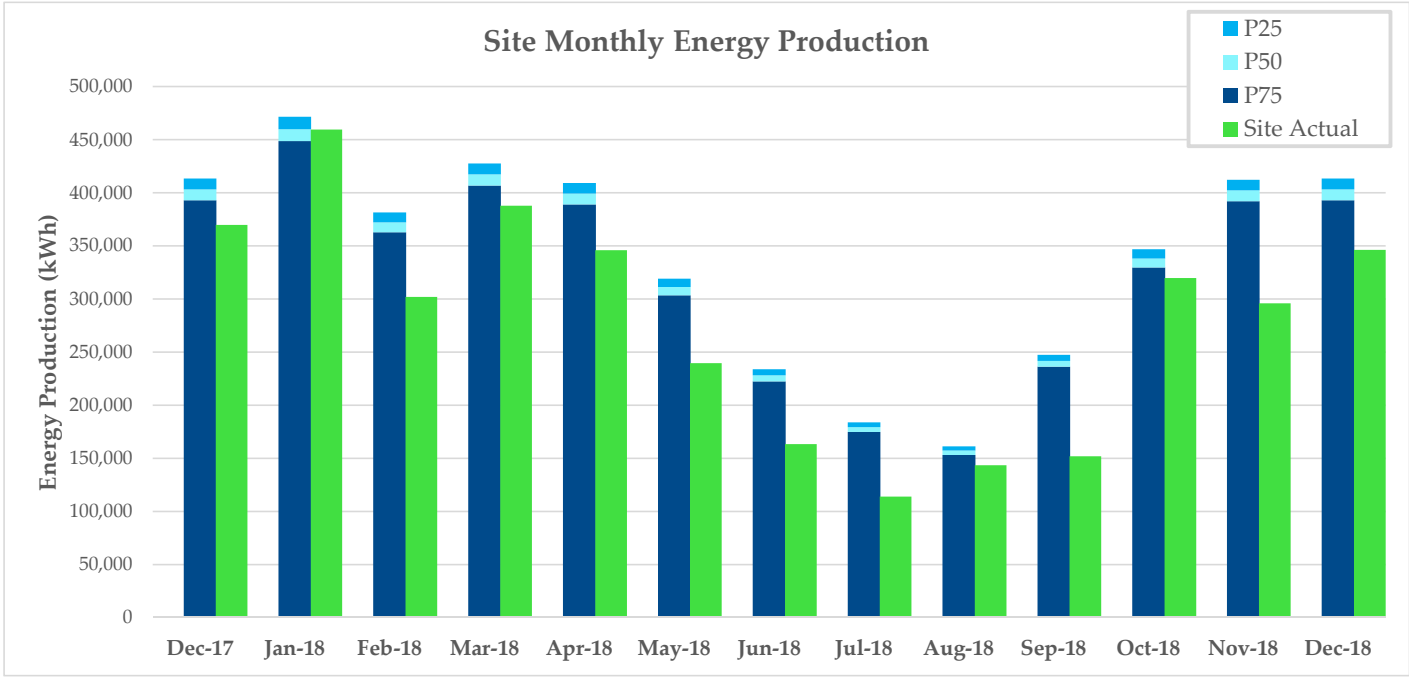
A. Site Energy Production Summary

	Energy Production (kWh)	
	Project	
	P50 (Expected Production)	Actual Production
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
Aug-18	157,000	143,429
Sep-18	224,000	151,775
Oct-18	338,000	319,425
Nov-18	402,000	295,590
Dec-18	403,000	345,923
Production 2018 (ytd) (kWh)	3,890,000	3,267,422
Total Production (kWh)*	3,890,000	3,267,422
Capacity Factor*	24.87%	

*Value calculated over the last 12 months

B. Site Energy Production Graph

December-2018



Monthly Report

December-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
April-2019	Goldwind 3 Year Maintenance	~15	H1

E. Actual Maintenance Events

Date	Event	Planned/Unplanned	Duration (hr)	Wind Turbine
12/31/2018	High Wind Event	Unplanned	4.05	H1

F. Turbine Availability & Downtime

Availability	This Month	Year To Date
WTG	99.88%	99.93%
Downtime (hr)	This Month	Year To Date
WTG	7.62	281.36

G. Billed Data

Meter Reading (Date/Time)	12/26/2018 12:00 AM
Meter To Date Produced	9,322,526 kWh
Meter To Date Consumed	33,522 kWh
Last Reading Produced	8,940,015 kWh
Last Reading Consumed	32,676 kWh
Billed kWh	381,666 kWh
Next Meter Reading	1/26/2018 12:00 AM

H. Report Notes and Comments