



HARPSTER WIND PROJECT

Harpster, OH

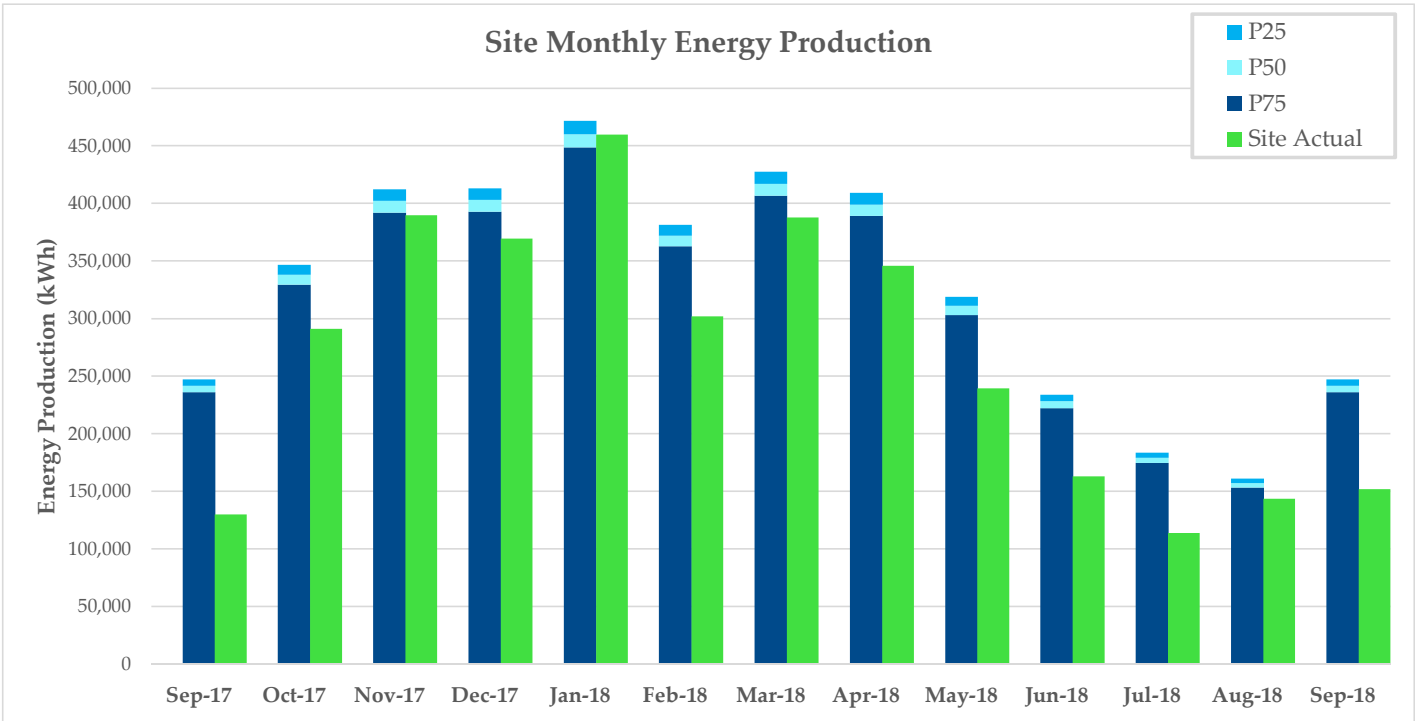
A. Site Energy Production Summary

	Energy Production (kWh)	
	Project	
	P50 (Expected Production)	Actual Production
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
Aug-18	157,000	143,429
Sep-18	224,000	151,775
Production 2018 (ytd) (kWh)	2,747,000	2,306,484
Total Production (kWh)*	3,890,000	3,356,641
Capacity Factor*	25.55%	

*Value calculated over the last 12 months

B. Site Energy Production Graph

September-2018



Monthly Report

September-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
9/6/2018	Grid Fault	Unplanned	21.28	H1
9/7/2018	Grid Fault	Unplanned	7.94	H1

F. Turbine Availability & Downtime

Availability	This Month	Year To Date
WTG	100.00%	99.92%
Downtime (hr)	This Month	Year To Date
WTG	31.09	229.05

G. Billed Data

Meter Reading (Date/Time)	9/23/2018 12:00 AM
Meter To Date Produced	8,413,864 kWh
Meter To Date Consumed	31,203 kWh
Last Reading Produced	8,254,795 kWh
Last Reading Consumed	30,152 kWh
Billed kWh	158,018 kWh
Next Meter Reading	10/23/2018 12:00 AM

H. Report Notes and Comments