



HARPSTER WIND PROJECT

Harpster, OH

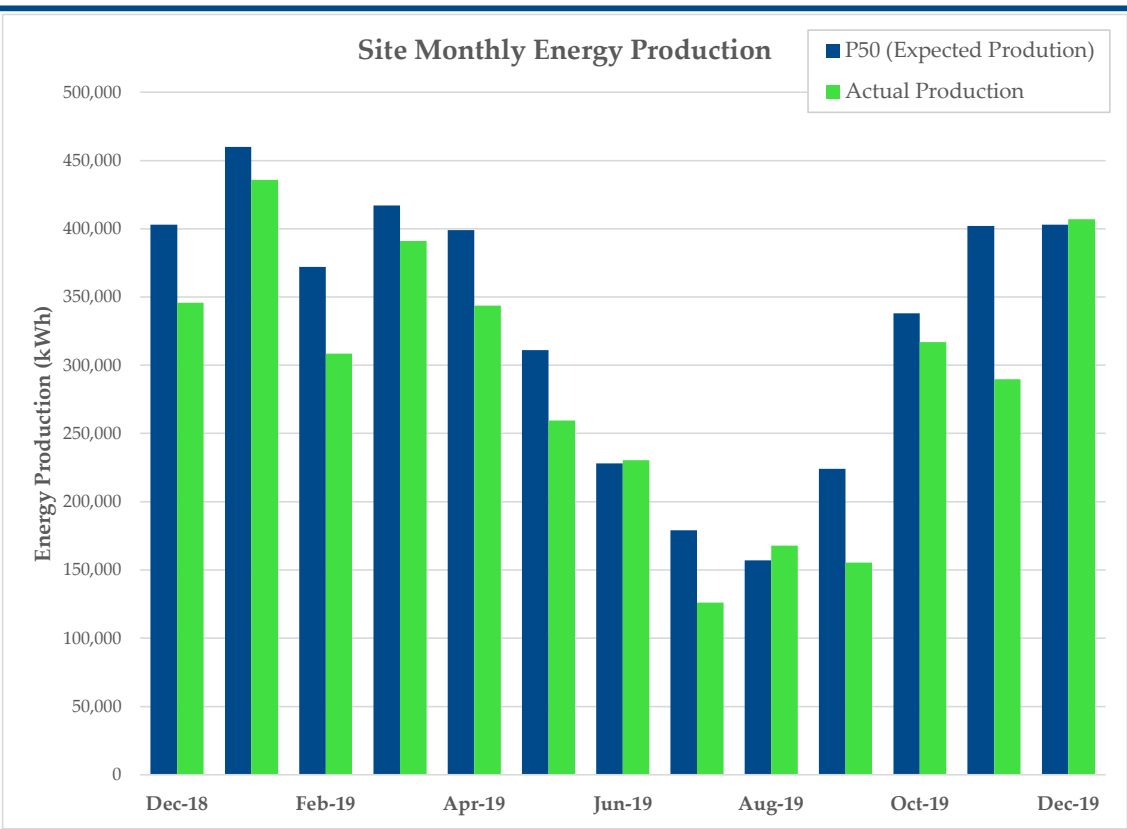
A. Site Energy Production Summary

	Energy Production (kWh)	
	Site	
	P50 (Expected Production)	Actual Production
Dec-18	403,000	345,923
Jan-19	460,000	435,895
Feb-19	372,000	308,445
Mar-19	417,000	391,035
Apr-19	399,000	343,819
May-19	311,000	259,599
Jun-19	228,000	230,470
Jul-19	179,000	126,012
Aug-19	157,000	167,801
Sep-19	224,000	155,481
Oct-19	338,000	316,812
Nov-19	402,000	289,819
Dec-19	403,000	406,815
Production 2019 (ytd) (kWh)	3,890,000	3,432,003
Total Production (kWh)*	3,890,000	3,432,003
Capacity Factor*	26.12%	

*Value calculated over the last 12 months

B. Site Energy Production Graph

December-2019



Monthly Report

December-2019



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)	Turbine
March-2020	Goldwind 4 Year Maintenance	~15	H1

E. Actual Maintenance Events

Date	Event	Planned/Unplanned	Duration (hrs)	Turbine
12/30/2019	Grid Fault	Unplanned	11.15	H1

F. Turbine Availability & Downtime

Availability	This Month	Year To Date
H1	100.00%	99.94%
Downtime (hr)	This Month	Year To Date
H1	15.93	263.90

G. Billed Data

Meter Reading (Date/Time)	12/27/2019 12:00 AM
Meter To Date Produced	12,712,276 kWh
Meter To Date Consumed	43,983 kWh
Last Reading Produced	12,276,595 kWh
Last Reading Consumed	43,250 kWh
Billed kWh	434,948 kWh
Next Meter Reading	1/27/2020 12:00 AM

H. Report Notes and Comments