



HARPSTER WIND PROJECT

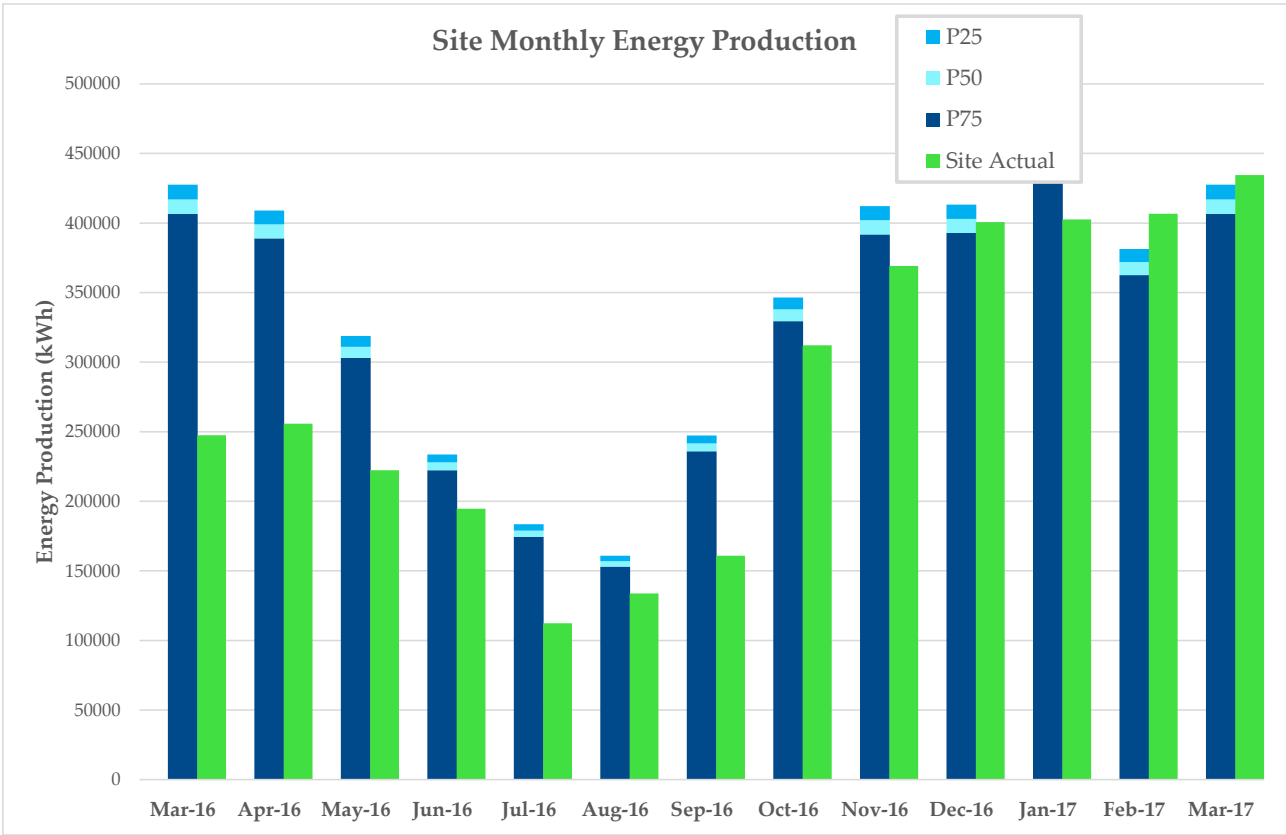
Harpster, OH

A. Site Energy Production Summary

	Energy Production (kWh)	
	Project	
	P50	Actual YTD
Mar-16	417,000	247,430
Apr-16	399,000	255,813
May-16	311,000	222,331
Jun-16	228,000	194,723
Jul-16	179,000	112,289
Aug-16	157,000	133,798
Sep-16	224,000	160,959
Oct-16	338,000	312,037
Nov-16	402,000	369,112
Dec-16	403,000	400,649
Jan-17	460,000	402,596
Feb-17	372,000	406,678
Mar-17	417,000	434,411
2017 Annual	3,890,000	1,243,685
Rolling 12 month Capacity Factor:		25.92%

B. Site Energy Production Graph

March-2017



Monthly Report

March-2017



C. Safety Summary

	This Month	Project Cumulative
Recordable Incident(s):	0	0
Near Miss(es):	0	0

D. Planned Maintenance Events

Date	Event	Duration (hrs)	Wind Turbine
April-2017 ¹	Goldwind 1 year maintenance	~8	H1

E. Actual Maintenance Events

Date	Event	Planned/Unplanned	Duration (hrs)	Wind Turbine
3/8/2017	High Wind Event	Unplanned	7.01	H1
03/18 - 03/19/2017	Profibus Error Dignostic	Unplanned	7.81	H1
03/29 - 03/30/2017	Marathon Shutdown	Planned	23.04	H1

F. Turbine Availability & Downtime

Availability	This Month	Year To Date
WTG	98.95%	97.98%
Downtime (hrs)	This Month	Year To Date
WTG	47.82	108.64

G. Billed Data

Meter Read Date & Time	3/27/2017 12:00 AM
Meter To Date Produced	3,780,579 kWh
Meter To Date Consumed	14,416 kWh
Last Reading Produced	3,295,413 kWh
Last Reading Consumed	13,906 kWh
Billed kWh	484,656 kWh
Next Meter Reading	4/27/2017 12:00 AM

H. Report Notes and Comments

- Before April-2016, actual YTD production and Capacity Factor are based on Meter Read - Net Production
- Starting in April-2016, all future YTD production and Capacity Factor information will be based on SCADA Data - Gross Production

¹ Maintenance schedule for February-2017 shifted into April-2017