



WHIRLPOOL CORPORATION

Marion Wind Farm, Marion OH



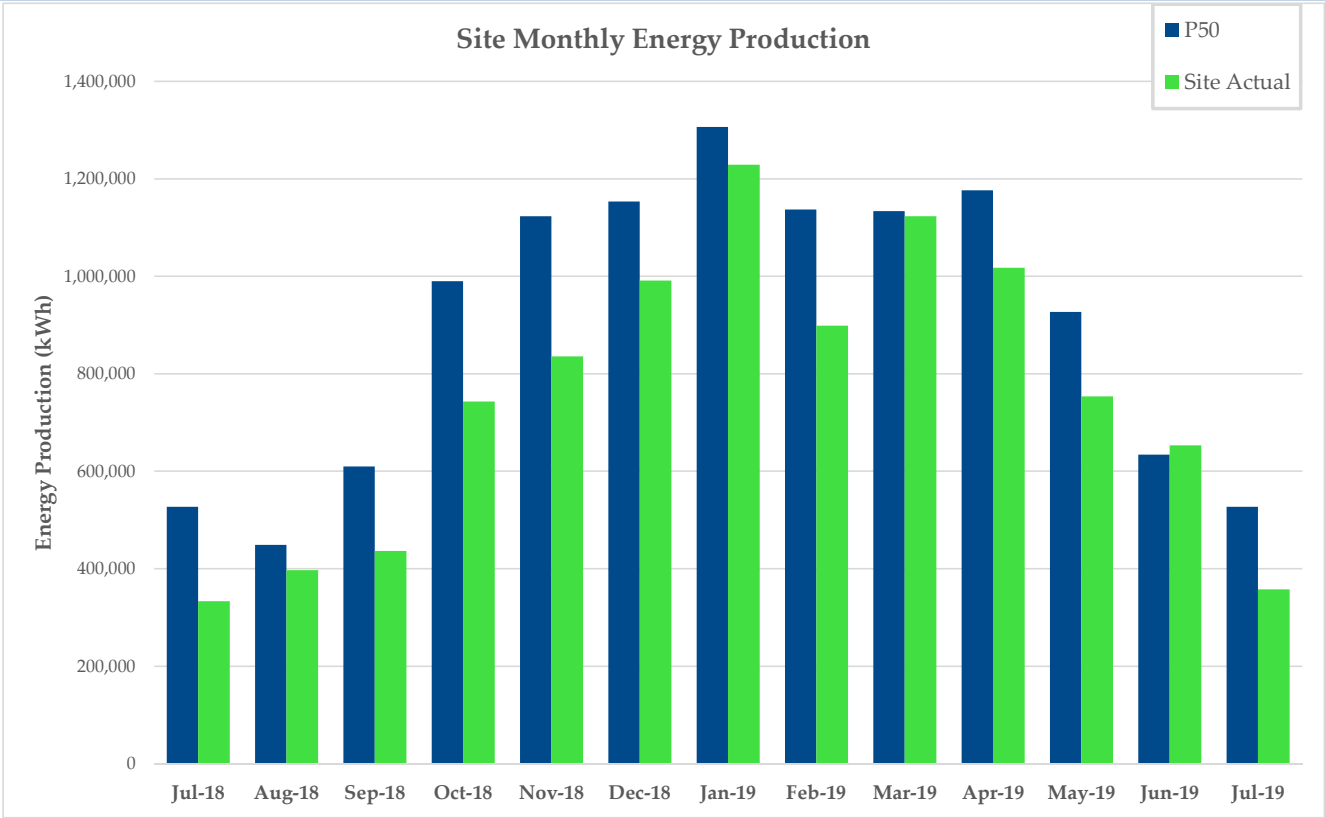
Monthly Report
July-2019

A. Site Energy Production Summary

		Energy Production (kWh)					
		Site		By Turbine			
		P50 (Expected Production)	Actual Production	W1	W2		W3
	Jul-18	527,000	333,148	111,051	106,463	115,634	***
	Aug-18	449,000	397,006	132,087	128,358	136,562	
	Sep-18	610,000	436,562	146,398	140,120	150,044	
	Oct-18	990,000	742,865	258,249	240,231	244,385	
	Nov-18	1,123,000	835,265	299,643	268,523	267,099	
	Dec-18	1,153,000	990,824	341,399	318,787	330,638	
	Jan-19	1,306,000	1,228,632	427,801	398,420	402,411	
	Feb-19	1,137,000	898,559	307,088	293,895	297,576	
	Mar-19	1,134,000	1,123,196	385,735	362,764	374,697	
	Apr-19	1,176,000	1,017,622	347,943	331,201	338,478	
	May-19	927,000	753,487	261,344	247,282	244,861	
	Jun-19	634,000	653,072	224,916	205,888	222,268	
	Jul-19	527,000	357,677	119,328	116,242	122,107	
Production 2019 (ytd) (kWh)		6,841,000	6,032,245	2,074,155	1,955,692	2,002,398	
Total Production (kWh)*		11,166,000	9,434,767	3,251,931	3,051,711	3,131,126	
Capacity Factor*		23.93%		*Value calculated over the last 12 months			

B. Site Energy Production Graph

July-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
November-2019	Goldwind 2 Year Maintenance	~15	W1
November-2019	Goldwind 2 Year Maintenance	~15	W2
November-2019	Goldwind 2 Year Maintenance	~15	W3

E. Actual Maintenance Events

Date	Event	Planned/Unplanned	Duration (hrs)	Turbine
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F. Turbine Availability & Downtime

Availability	This Month	Year To Date
W1	99.97%	99.77%
W2	100.00%	99.82%
W3	100.00%	99.52%
Avg	99.99%	99.71%

Downtime (hr)	This Month	Year To Date
W1	1.13	145.30
W2	0.91	147.01
W3	0.91	212.65
Total	2.95	504.96

G. Billed Data

Meter Reading (Date/Time)	7/21/2019 12:00 AM
Meter To Date Produced	15,962,623 kWh
Meter To Date Consumed	47,612 kWh
Last Reading Produced	15,613,347 kWh
Last Reading Consumed	43,782 kWh
Billed kWh	345,446 kWh
Next Meter Reading	8/21/2019 12:00 AM

H. Report Notes and Comments

***August 2018 production data includes three days read from meter due to SCADA issue.