



BALL CORPORATION - ZEPHYR WIND PROJECT

North Findlay Wind Campus, Findlay, OH

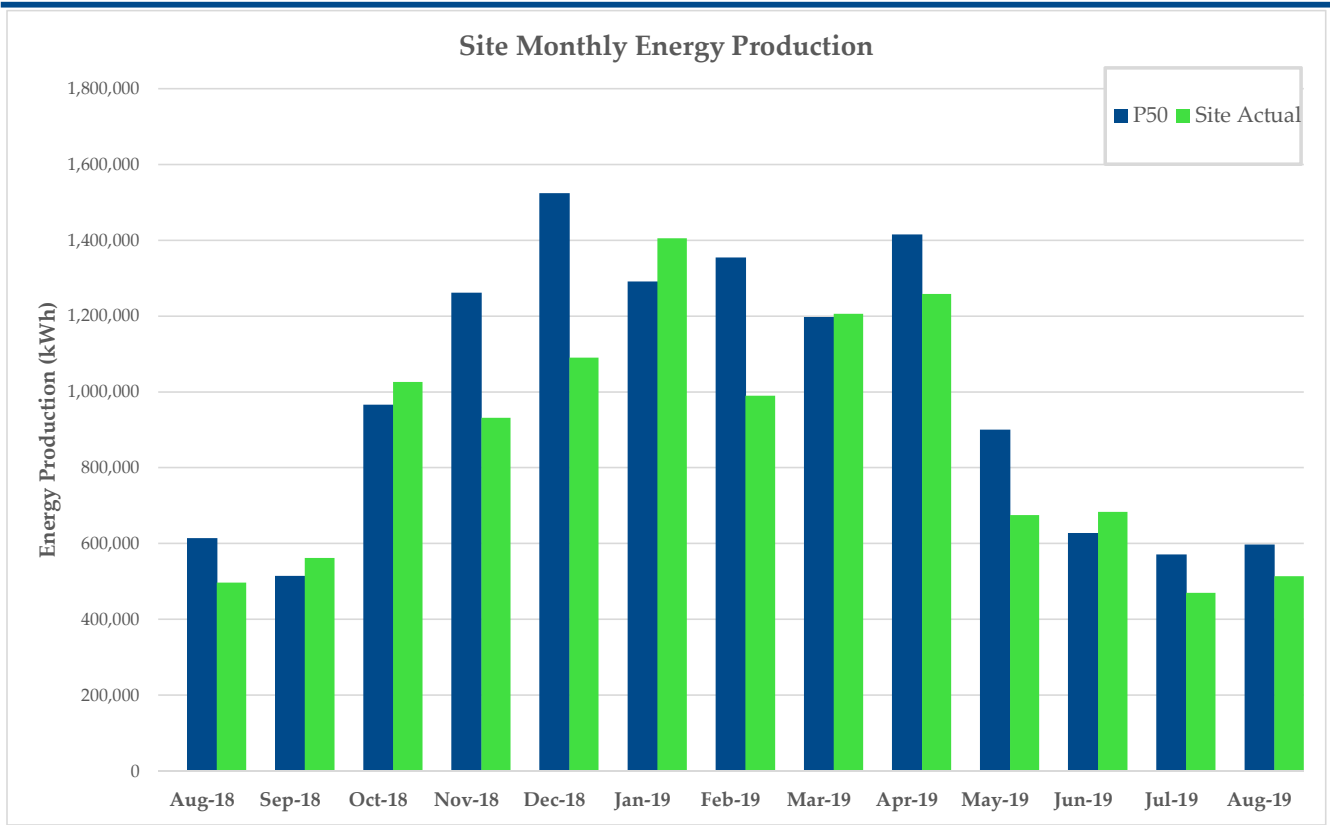


A. Site Energy Production Summary*

	Energy Production (kWh)				
	Site		By Turbine		
	P50 (Expected Production)	Actual Production	Z1	Z2	Z3
Aug-18	614,000	497,290	178,457	162,111	156,722
Sep-18	515,000	561,865	196,611	183,795	181,459
Oct-18	966,000	1,026,498	357,069	338,941	330,488
Nov-18	1,262,000	931,705	303,735	310,115	317,855
Dec-18	1,524,000	1,090,402	371,241	361,728	357,433
Jan-19	1,291,000	1,404,829	478,894	461,547	464,388
Feb-19	1,355,000	990,378	351,191	338,149	301,038
Mar-19	1,197,000	1,205,738	426,173	396,015	383,550
Apr-19	1,415,000	1,258,163	431,314	415,843	411,006
May-19	900,000	674,985	237,304	222,891	214,790
Jun-19	628,000	682,994	232,437	224,872	225,685
Jul-19	571,000	469,744	167,832	151,963	149,949
Aug-19	598,000	513,686	177,673	167,452	168,561
Production 2019 (ytd) (kWh)	7,955,000	7,200,517	2,502,818	2,378,732	2,318,967
Total Production (kWh)*	12,222,000	10,810,987	3,731,474	3,573,311	3,506,202
Capacity Factor*	27.43%		*Value calculated over the last 12 months		

B. Site Energy Production Graph

August-2019



Monthly Report
August-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
October-2019	Goldwind 3.5 Year Maintenance	~8	Z1
October-2019	Goldwind 3.5 Year Maintenance	~8	Z2
October-2019	Goldwind 3.5 Year Maintenance	~8	Z3

E. Actual Maintenance Events

Date	Event	Planned/Unplanned	Duration (hrs)	Turbine
8/3/2019	Pitch Angle Comparing Error	Unplanned	4.34	Z3
8/4/2019	Pitch Angle Comparing Error	Unplanned	8.09	Z3
8/18/2019	Weather Event	Unplanned	4.01	Z1, Z2, Z3
8/29/2019	Owner/Operator Punchlist	Unplanned	7.69	Z2

F. Turbine Availability & Downtime

Availability	This Month	Year To Date
Z1	100.00%	100.00%
Z2	100.00%	99.98%
Z3	98.33%	98.62%
Avg	99.44%	99.53%

Downtime (hr)	This Month	Year To Date
Z1	4.01	307.65
Z2	11.70	309.39
Z3	16.44	396.72
Total	32.15	1013.76

G. Billed Data

Meter Reading (Date/Time)	8/17/2019 12:00 AM
Meter To Date Produced	39,156,107 kWh
Meter To Date Consumed	49,820 kWh
Last Reading Produced	38,734,808 kWh
Last Reading Consumed	48,275 kWh
Billed kWh	419,754 kWh
Next Meter Reading	9/18/2019 12:00 AM

H. Report Notes and Comments

*Change to P50 Expected Production due to Material Change in Circumstance.

**Z3 production total for May and June 2019 is an estimate due to loss of communications.