



BALL CORPORATION - ZEPHYR WIND PROJECT 1.0
North Findlay Wind Campus, Findlay, OH

Monthly Report
November-2022



A. Site Energy Production Summary

	Energy Production (kWh)				
	Site		By Turbine		
	P50 (Expected Production)	Actual Production	Z1	Z2	Z3
Nov-21	1,203,000	1,191,103	418,962	401,518	370,623
Dec-21	1,475,000	1,163,071	403,095	393,380	366,596
Jan-22	1,260,000	1,252,569	435,949	420,553	396,067
Feb-22	1,310,000	1,354,099	469,778	464,716	419,606
Mar-22	1,140,000	1,356,275	481,385	457,802	417,088
Apr-22	1,359,000	1,267,232	435,279	427,907	404,046
May-22	856,000	899,215	304,468	311,170	283,577
Jun-22	599,000	572,841	206,791	192,580	173,470
Jul-22	549,000	552,201	195,618	183,810	172,773
Aug-22	559,000	437,708	156,192	146,109	135,407
Sep-22	482,000	520,541	181,453	173,959	165,128
Oct-22	916,000	1,182,514	413,378	402,621	366,515
Nov-22	1,203,000	1,382,132	482,159	467,912	432,061
Production 2022 (ytd) (kWh)	10,233,000	10,777,327	3,762,450	3,649,139	3,365,738
Total Production (LTM) (kWh)	11,708,000	11,940,398	4,165,545	4,042,519	3,732,334
Capacity Factor (LTM)	30.29%				

C. Safety Summary

	This Month	Project Cumulative
Recordable Incident(s)	0	0
First Aid	0	0

D. Planned Maintenance Events

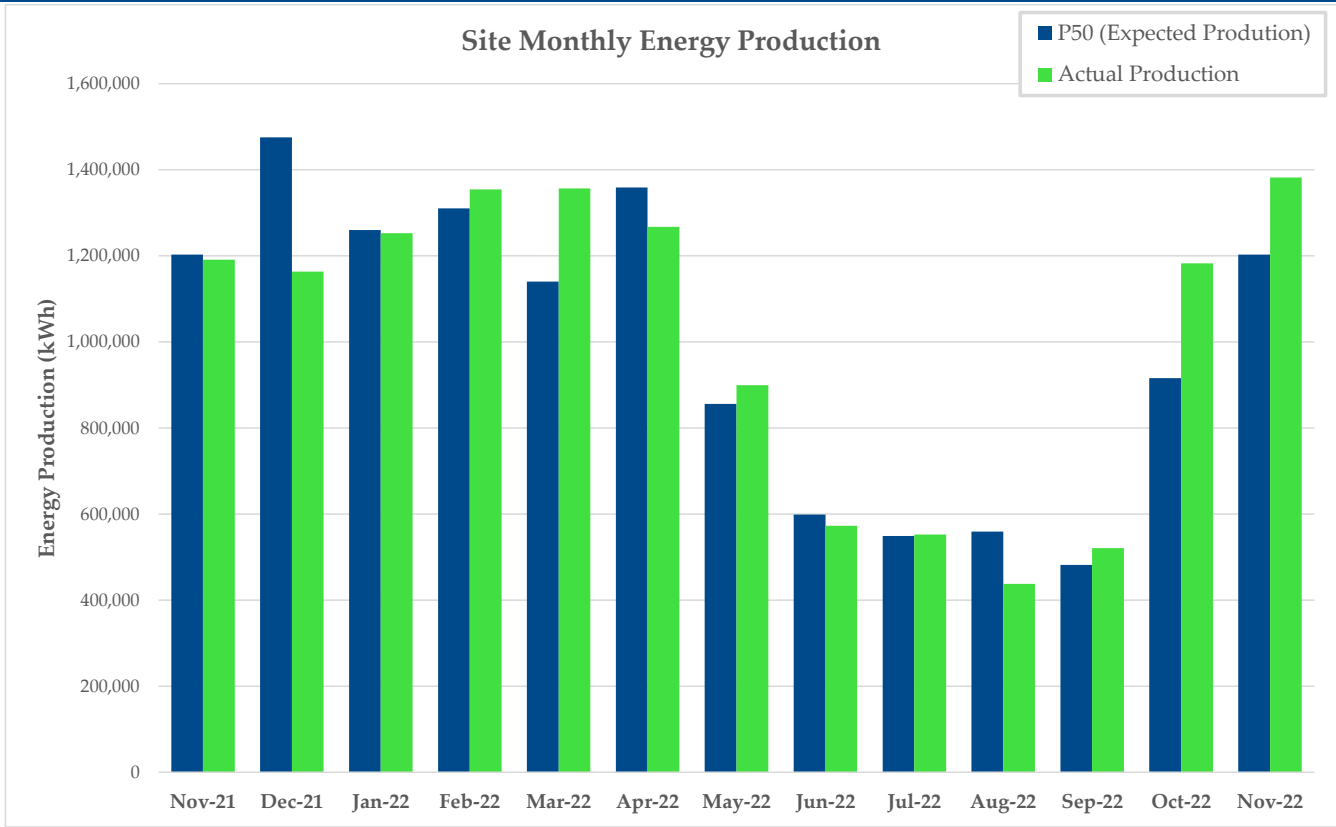
Date	Event	Duration (hr)	Turbine
April-2023	Goldwind 7 Year Maintenance	~15	Z1
April-2023	Goldwind 7 Year Maintenance	~15	Z2
April-2023	Goldwind 7 Year Maintenance	~15	Z3

E. Actual Maintenance Events

Date	Event	Planned/Unplanned	Duration (hrs)	Turbine
11/30/2022	Turbine Fault	Unplanned	5.52	Z3

B. Site Energy Production Graph

November-2022



F. Turbine Availability & Downtime

Availability	This Month	Year To Date
Z1	99.94%	99.93%
Z2	99.91%	99.93%
Z3	99.04%	99.78%
Avg	99.63%	99.88%

Downtime (hr)	This Month	Year To Date
Z1	0.42	71.85
Z2	0.65	69.68
Z3	6.92	179.75
Total	7.99	321.28

G. Billed Data

Meter Reading (Date/Time)	11/16/2022 12:00 AM
Ball 1.0 Production (This Period)	976,341 kWh
Ball 1.0 Consumption (This Period)	1,001 kWh
Billed kWh	975,340 kWh
Next Meter Reading	12/17/2022 12:00 AM

H. Report Notes and Comments

* February 2022 production includes estimates due to a SCADA server error.
**April 2022 production includes estimated due to a SCADA server error.
***September 2022 production includes estimates due to a SCADA server error.