



BALL CORPORATION - ZEPHYR WIND PROJECT 1.0

North Findlay Wind Campus, Findlay, OH

Monthly Report
April-2023

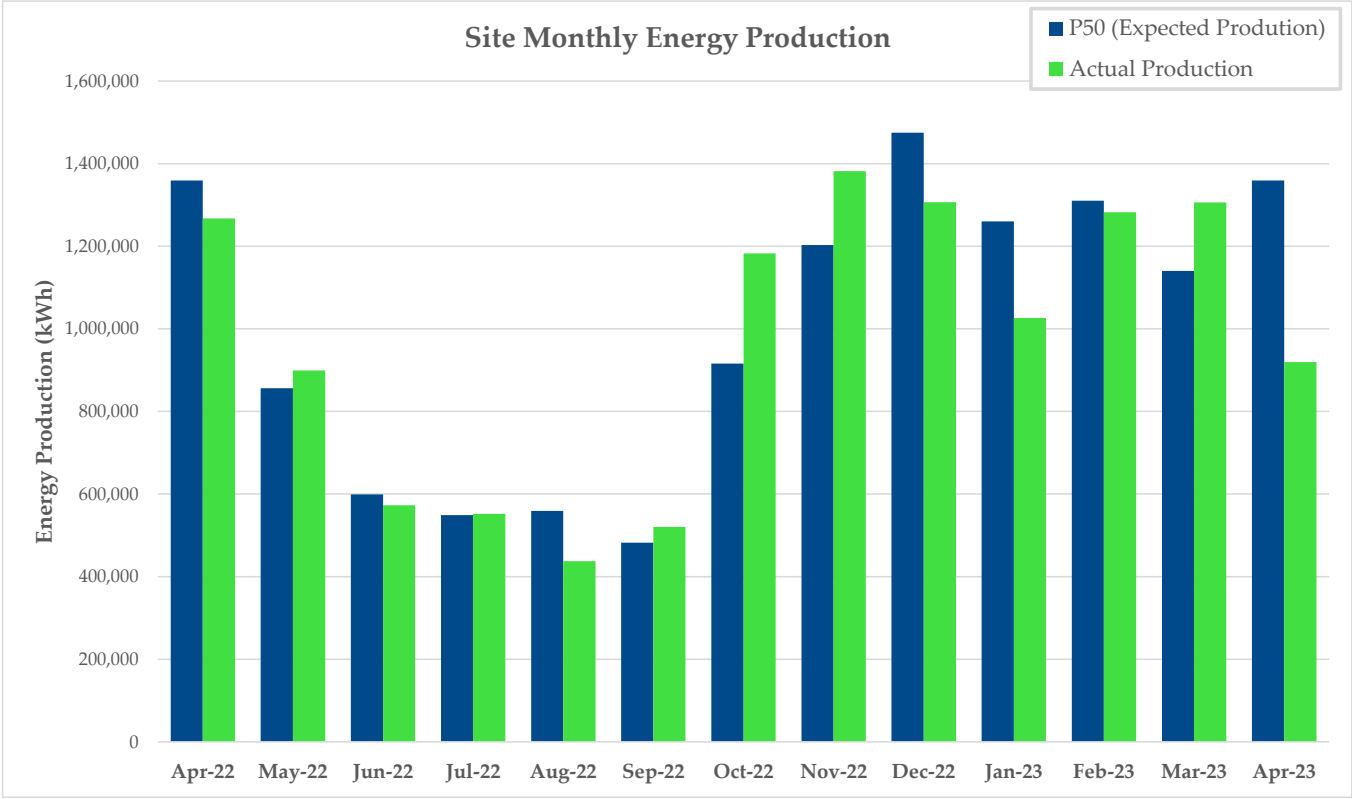


A. Site Energy Production Summary

		Energy Production (kWh)					
		Site		By Turbine			
		P50 (Expected Production)	Actual Production	Z1	Z2		Z3
	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	
	Dec-22	1,475,000	1,306,656	455,817	444,843	405,996	
	Jan-23	1,260,000	1,026,487	349,179	349,947	327,361	
	Feb-23	1,310,000	1,282,490	444,374	430,200	407,916	
	Mar-23	1,140,000	1,305,939	454,211	433,891	417,837	
	Apr-23	1,359,000	919,188	326,208	313,475	279,505	
Production 2023 (ytd) (kWh)		5,069,000	4,534,104	1,573,972	1,527,513	1,432,619	
Total Production (LTM) (kWh)		11,708,000	11,387,912	3,969,848	3,850,517	3,567,546	
Capacity Factor (LTM)		28.89%					

B. Site Energy Production Graph

April-2023



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
October-2023	Goldwind 7.5 Year Maintenance	~8	Z1
October-2023	Goldwind 7.5 Year Maintenance	~8	Z2
October-2023	Goldwind 7.5 Year Maintenance	~8	Z3

E. Actual Maintenance Events

Date	Event	Planned/Unplanned	Duration (hrs)	Turbine
4/1/2023	Weather Shutdown	Unplanned	8.92	Z1
4/1/2023	Weather Shutdown	Unplanned	9.26	Z2
4/1/2023	Weather Shutdown	Unplanned	9.3	Z3
4/17/2023	Goldwind 7 Year Maintenance	Planned	2.87	Z1,Z2,Z3
4/19/2023	Goldwind 7 Year Maintenance	Planned	5.19	Z1
4/20/2023	Goldwind 7 Year Maintenance	Planned	4.50	Z2
4/26/2023	Goldwind 7 Year Maintenance	Planned	7.49	Z3
4/22/2023-4/24/2023	Turbine Fault	Unplanned	55.81	Z3
4/20/2023-4/21/2023	Grid Event	Unplanned	16.01	Z1,Z2,Z3

F. Turbine Availability & Downtime

Availability	This Month	Year To Date
Z1	99.99%	99.97%
Z2	100.00%	99.93%
Z3	92.22%	98.05%
Avg	97.40%	99.32%

Downtime (hr)	This Month	Year To Date
Z1	35.01	61.89
Z2	35.70	63.88
Z3	94.76	121.21
Total	165.47	246.98

G. Billed Data

Meter Reading (Date/Time)	4/20/2023 12:00 AM
Ball 1.0 Production (This Period)	1,137,541 kWh
Ball 1.0 Consumption (This Period)	839 kWh
Billed kWh	1,136,702 kWh
Next Meter Reading	5/19/2023 12:00 AM

H. Report Notes and Comments

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