



BALL CORPORATION - ZEPHYR WIND PROJECT 1.0

North Findlay Wind Campus, Findlay, OH

Monthly Report

October-2023



A. Site Energy Production Summary

	Energy Production (kWh)				
	Site		By Turbine		
	P50 (Expected Production)	Actual Production	Z1	Z2	Z3
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
May-23	856,000	790,489	271,031	264,110	255,348
Jun-23	599,000	580,888	198,404	192,717	189,767
Jul-23	549,000	363,768	128,139	121,899	113,730
Aug-23	559,000	506,843	176,172	169,047	161,624
Sep-23	482,000	324,417	116,246	107,166	101,005
Oct-23	916,000	854,774	303,388	286,219	265,167
Production 2023 (ytd) (kWh)	9,030,000	7,955,283	2,767,352	2,668,671	2,519,260
Total Production (LTM) (kWh)	11,708,000	10,644,071	3,705,328	3,581,426	3,357,317
Capacity Factor (LTM)	27.00%				

C. Safety Summary

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

D. Planned Maintenance Events

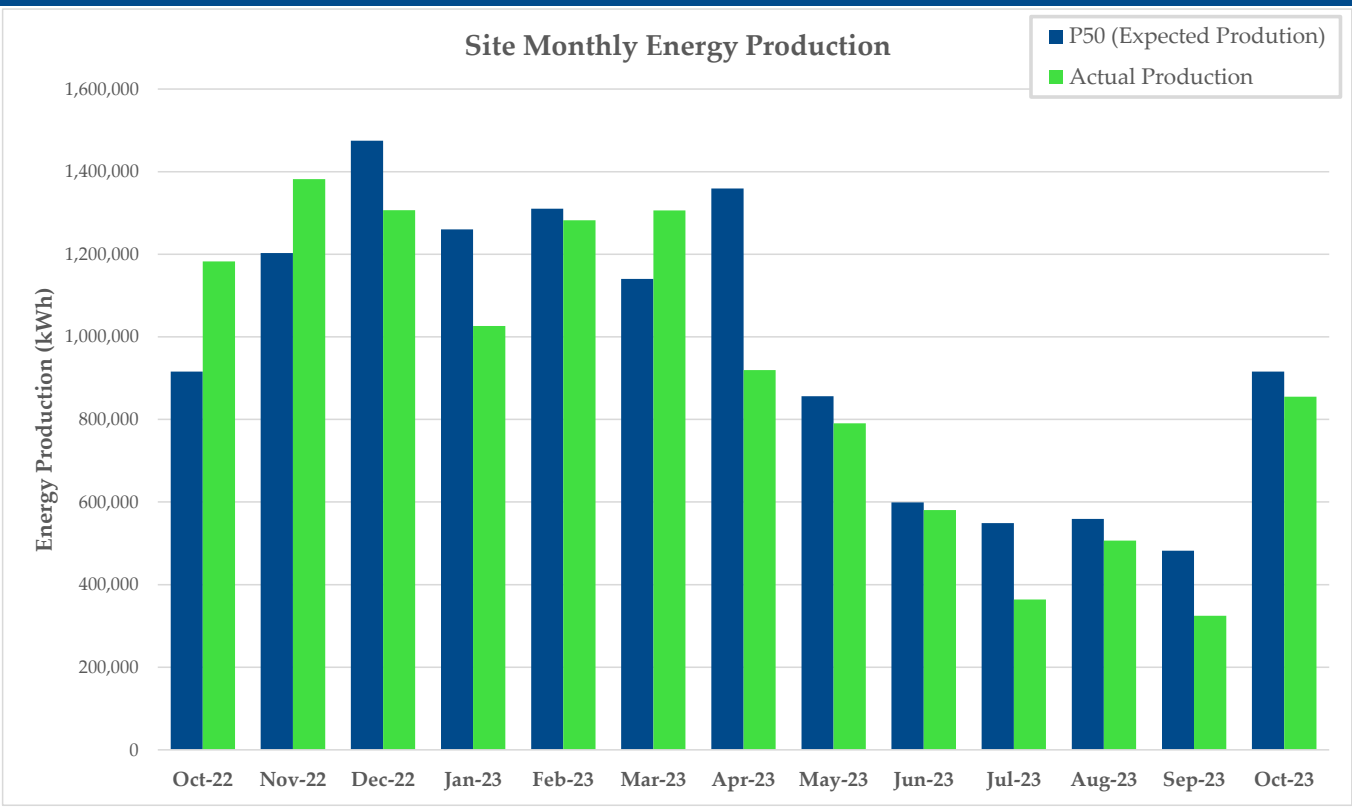
Date	Event	Duration (hr)	Turbine
April-2024	Goldwind 8 Year Maintenance	~15	Z1
April-2024	Goldwind 8 Year Maintenance	~15	Z2
April-2024	Goldwind 8 Year Maintenance	~15	Z3

E. Actual Maintenance Events

Date	Event	Planned/Unplanned	Duration (hrs)	Turbine
10/3/2023	Goldwind 7.5 Year Maintenance	Planned	4.78	Z1
10/3/2023	Turbine Fault	Unplanned	5.40	Z1
10/4/2023	Goldwind 7.5 Year Maintenance	Planned	3.88	Z2
10/5/2023	Goldwind 7.5 Year Maintenance	Planned	3.93	Z3

B. Site Energy Production Graph

October-2023



F. Turbine Availability & Downtime

Availability	This Month	Year To Date
Z1	99.27%	99.68%
Z2	99.73%	99.95%
Z3	100.00%	99.10%
Avg	99.67%	99.58%

Downtime (hr)	This Month	Year To Date
Z1	10.18	100.10
Z2	5.91	82.36
Z3	3.93	145.17
Total	20.02	327.63

G. Billed Data

Meter Reading (Date/Time)	10/18/2023 12:00 AM
Ball 1.0 Production (This Period)	545,249 kWh
Ball 1.0 Consumption (This Period)	1,204 kWh
Billed kWh	544,045 kWh
Next Meter Reading	11/16/2023 12:00 AM

H. Report Notes and Comments