



BALL CORPORATION - ZEPHYR WIND PROJECT 1.0

North Findlay Wind Campus, Findlay, OH

Monthly Report

July-2021



A. Site Energy Production Summary*

	Energy Production (kWh)				
	Site		By Turbine		
	P50 (Expected Production)	Actual Production	Z1	Z2	Z3
Jul-20	571,000	463,808	161,712	150,497	151,599
Aug-20	559,000	415,856	150,588	137,019	128,249
Sep-20	482,000	686,455	244,046	228,724	213,685
Oct-20	916,000	853,114	301,587	287,867	263,660
Nov-20	1,203,000	1,333,905	455,233	450,343	428,329
Dec-20	1,475,000	1,298,566	447,593	437,476	413,497
Jan-21	1,260,000	763,428	269,281	243,111	251,036
Feb-21	1,310,000	1,112,551	384,385	376,283	351,883
Mar-21	1,140,000	1,328,761	439,843	458,260	430,658
Apr-21	1,359,000	930,702	327,011	316,411	287,280
May-21	856,000	723,486	251,234	238,571	233,681
Jun-21	599,000	668,103	237,234	223,304	207,565
Jul-21	549,000	406,084	144,149	134,124	127,811
Production 2021 (ytd) (kWh)	7,073,000	5,933,115	2,053,137	1,990,064	1,889,914
Total Production (kWh)*	11,708,000	10,521,011	3,652,184	3,531,493	3,337,334
Capacity Factor*	26.69% *Value calculated over the last 12 months				

C. Safety Summary

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

D. Planned Maintenance Events

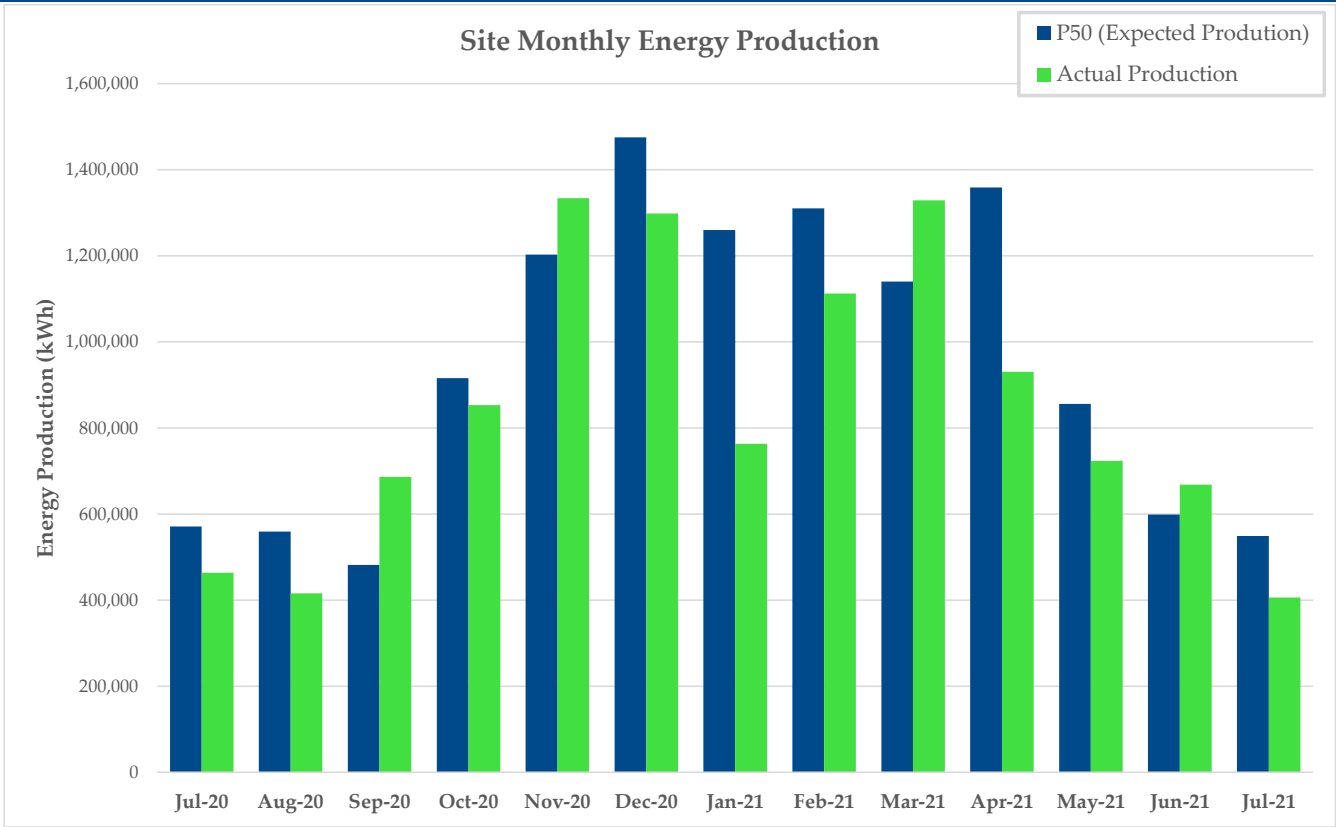
Date	Event	Duration (hr)	Turbine
October-2021	Goldwind 5.5 Year Maintenance	~8	Z1
October-2021	Goldwind 5.5 Year Maintenance	~8	Z2
October-2021	Goldwind 5.5 Year Maintenance	~8	Z3

E. Actual Maintenance Events

Date	Event	Planned/Unplanned	Duration (hrs)	Turbine
7/31/2021	Turbine PLC Fault	Unplanned	10.89	Z3

B. Site Energy Production Graph

July-2021



F. Turbine Availability & Downtime**

Availability	This Month	Year To Date
Z1	99.83%	98.70%
Z2	100.00%	99.35%
Z3	98.54%	99.68%
Avg	99.46%	99.24%

Downtime (hr)	This Month	Year To Date
Z1	1.97	113.07
Z2	0.68	88.81
Z3	11.57	82.86
Total	14.22	284.74

G. Billed Data

Meter Reading (Date/Time)	7/20/2021 12:00 AM
Ball 1.0 Production (This Period)	678,265 kWh
Ball 1.0 Consumption (This Period)	928 kWh
Billed kWh	677,337 kWh
Next Meter Reading	8/18/2021 12:00 AM

H. Report Notes and Comments

*Change in production estimate due to Material Change in Circumstance.
**March downtime and availability under further review.