



# BALL CORPORATION - ZEPHYR WIND PROJECT

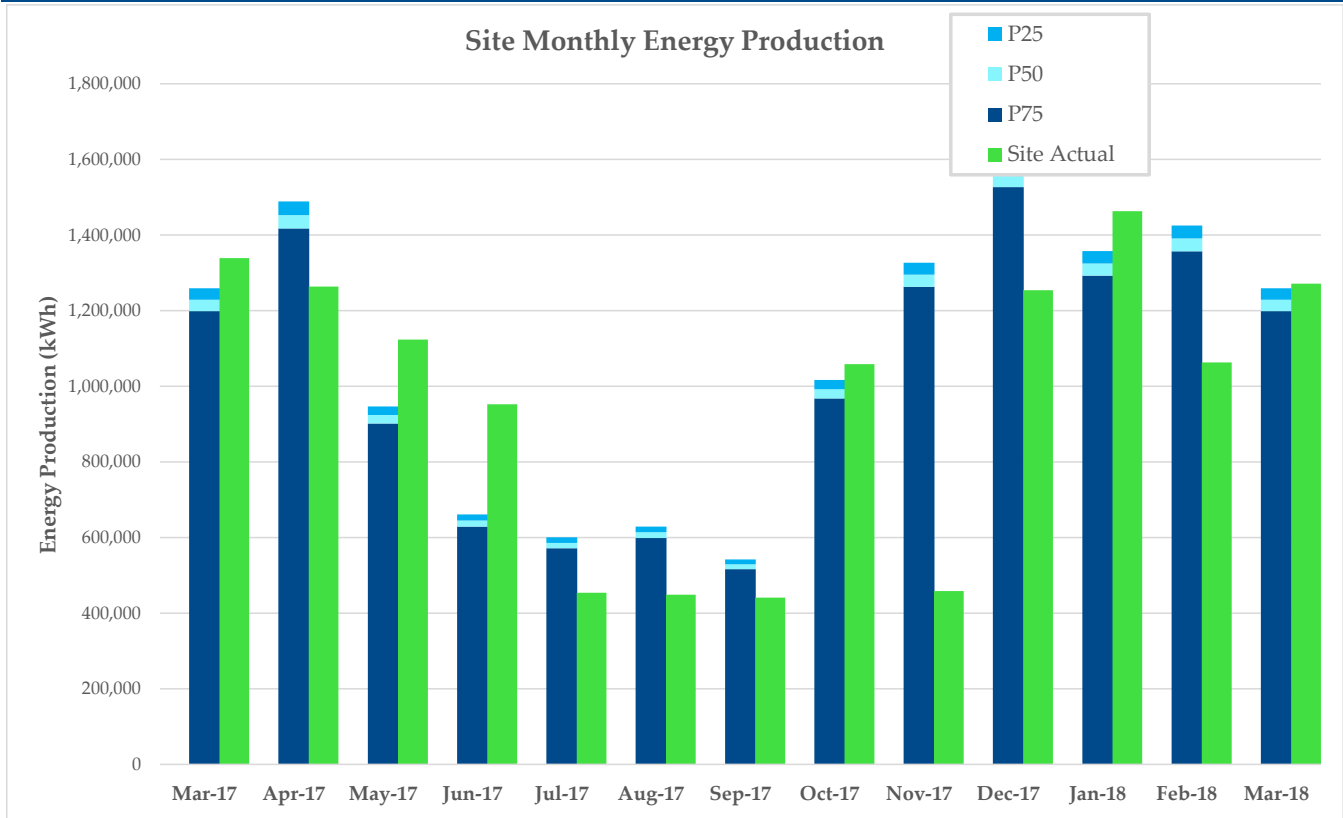
North Findlay Wind Campus, Findlay, OH

## A. Site Energy Production Summary

|                             | Energy Production (kWh)   |                   |                                           |           |           |
|-----------------------------|---------------------------|-------------------|-------------------------------------------|-----------|-----------|
|                             | Site                      |                   | By Turbine                                |           |           |
|                             | P50 (Expected Production) | Actual Production | Z1                                        | Z2        | Z3        |
| Mar-17                      | 1,229,000                 | 1,339,090         | 447,685                                   | 437,432   | 453,973   |
| Apr-17                      | 1,453,000                 | 1,263,804         | 425,766                                   | 415,442   | 422,596   |
| May-17                      | 924,000                   | 1,123,269         | 395,614                                   | 347,574   | 380,081   |
| Jun-17                      | 645,000                   | 952,539           | 334,400                                   | 300,615   | 317,524   |
| Jul-17                      | 586,000                   | 453,808           | 163,793                                   | 151,302   | 138,713   |
| Aug-17                      | 614,000                   | 448,585           | 157,969                                   | 145,785   | 144,831   |
| Sep-17                      | 529,000                   | 440,963           | 153,200                                   | 143,235   | 144,528   |
| Oct-17                      | 992,000                   | 1,058,436         | 362,133                                   | 353,715   | 342,588   |
| Nov-17                      | 1,295,000                 | 458,432           | 161,489                                   | 151,599   | 145,344   |
| Dec-17                      | 1,565,000                 | 1,254,048         | 438,743                                   | 412,984   | 402,321   |
| Jan-18                      | 1,325,000                 | 1,462,888         | 465,096                                   | 513,360   | 484,432   |
| Feb-18                      | 1,391,000                 | 1,063,264         | 366,030                                   | 354,111   | 343,123   |
| Mar-18                      | 1,229,000                 | 1,271,280         | 440,697                                   | 415,334   | 415,249   |
| Production 2018 (ytd) (kWh) | 3,945,000                 | 3,797,432         | 1,271,823                                 | 1,282,805 | 1,242,804 |
| Total Production (kWh)*     | 12,548,000                | 11,251,316        | 3,864,930                                 | 3,705,056 | 3,681,330 |
| Capacity Factor*            | 28.54%                    |                   | *Value calculated over the last 12 months |           |           |

## B. Site Energy Production Graph

March-2018



# Monthly Report

## March-2018



## 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 |
|------------|-----------------------------|---------------|---------|
| March-2018 | Goldwind 2 Year Maintenance | ~15           | Z1      |
| March-2018 | Goldwind 2 Year Maintenance | ~15           | Z2      |
| March-2018 | Goldwind 2 Year Maintenance | ~15           | Z3      |

## E. Actual Maintenance Events

| Date      | Event                       | Planned/Unplanned | Duration (hrs) | Turbine |
|-----------|-----------------------------|-------------------|----------------|---------|
| 3/6/2018  | Goldwind 2 Year Maintenance | Planned           | 2.17           | Z3      |
| 3/28/2018 | Goldwind 2 Year Maintenance | Planned           | 9.90           | Z2      |
| 3/28/2018 | Goldwind 2 Year Maintenance | Planned           | 1.45           | Z3      |
| 3/29/2018 | Goldwind 2 Year Maintenance | Planned           | 5.52           | Z3      |

## F. Turbine Availability & Downtime

| Availability | This Month | Year To Date |
|--------------|------------|--------------|
| Z1           | 100.00%    | 96.03%       |
| Z2           | 100.00%    | 100.00%      |
| Z3           | 100.00%    | 99.42%       |
| Avg          | 100.00%    | 98.48%       |

| Downtime (hr) | This Month | Year To Date |
|---------------|------------|--------------|
| Z1            | 0.00       | 133.53       |
| Z2            | 9.90       | 47.64        |
| Z3            | 9.17       | 87.28        |
| Total         | 19.07      | 268.45       |

## G. Billed Data

|                           |                    |
|---------------------------|--------------------|
| Meter Reading (Date/Time) | 3/19/2018 12:00 AM |
| Meter To Date Produced    | 24,909,774 kWh     |
| Meter To Date Consumed    | 28,816 kWh         |
| Last Reading Produced     | 23,751,766 kWh     |
| Last Reading Consumed     | 27,894 kWh         |
| Billed kWh                | 1,157,085 kWh      |
| Next Meter Reading        | 4/19/2018 12:00 AM |

## H. Report Notes and Comments

\*All Goldwind 2 Year Maintenance complete at Z2 and Z3 except for the basement