



# HARPSTER WIND PROJECT

Harpster, OH

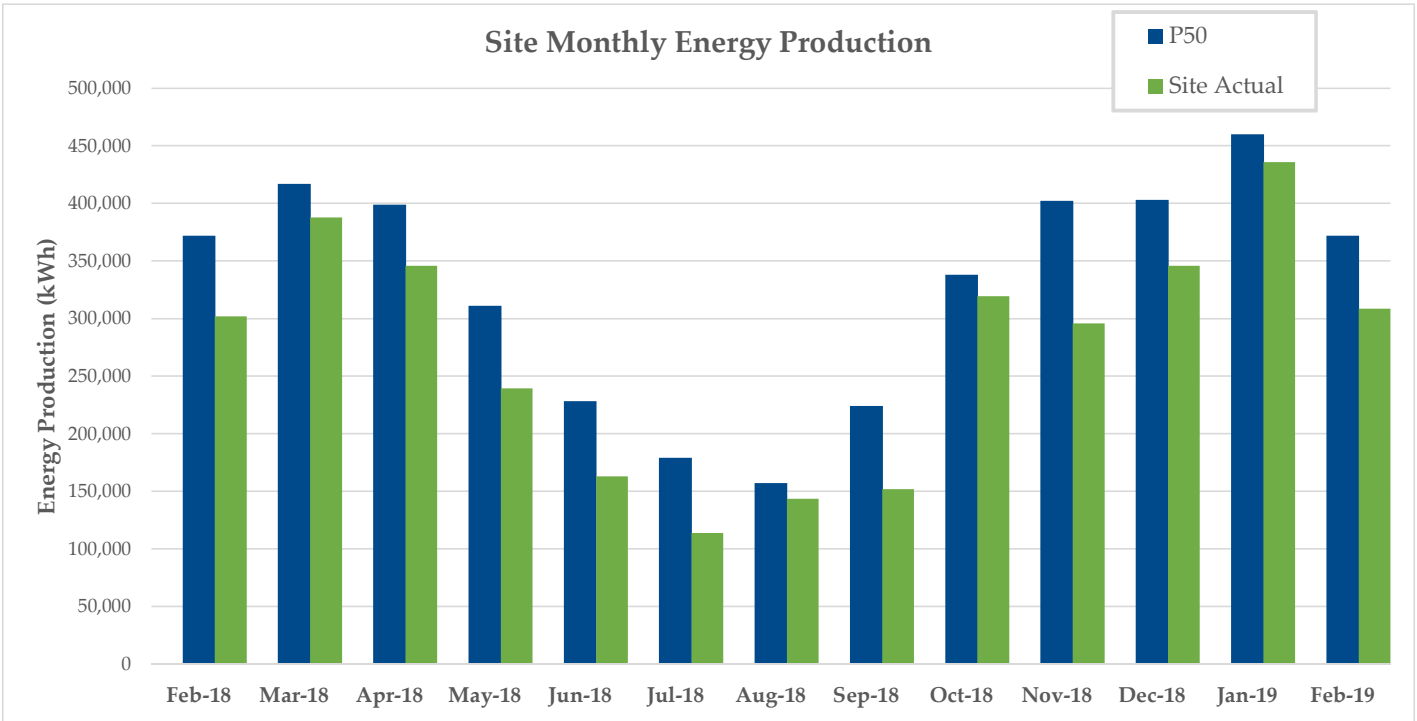
## A. Site Energy Production Summary

|                             | Energy Production (kWh)   |                   |
|-----------------------------|---------------------------|-------------------|
|                             | Project                   |                   |
|                             | P50 (Expected Production) | Actual Production |
| Feb-18                      | 372,000                   | 301,893           |
| Mar-18                      | 417,000                   | 387,657           |
| Apr-18                      | 399,000                   | 345,831           |
| May-18                      | 311,000                   | 239,306           |
| Jun-18                      | 228,000                   | 163,129           |
| Jul-18                      | 179,000                   | 113,791           |
| Aug-18                      | 157,000                   | 143,429           |
| Sep-18                      | 224,000                   | 151,775           |
| Oct-18                      | 338,000                   | 319,425           |
| Nov-18                      | 402,000                   | 295,590           |
| Dec-18                      | 403,000                   | 345,923           |
| Jan-19                      | 460,000                   | 435,895           |
| Feb-19                      | 372,000                   | 308,445           |
| Production 2019 (ytd) (kWh) | 832,000                   | 744,340           |
| Total Production (kWh)*     | 3,890,000                 | 3,250,196         |
| Capacity Factor*            | 24.74%                    |                   |

\*Value calculated over the last 12 months

## B. Site Energy Production Graph

February-2019



# Monthly Report

## February-2019



## 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) | Wind Turbine |
|----------|-----------------------------|---------------|--------------|
| May-2019 | Goldwind 3 Year Maintenance | ~15           | H1           |

## E. Actual Maintenance Events

| Date      | Event           | Planned/Unplanned | Duration (hr) | Wind Turbine |
|-----------|-----------------|-------------------|---------------|--------------|
| 2/18/2019 | Icing Event     | Unplanned         | 9.72          | H1           |
| 2/19/2019 | Icing Event     | Unplanned         | 5.12          | H1           |
| 2/20/2019 | Icing Event     | Unplanned         | 4.52          | H1           |
| 2/24/2019 | High Wind Event | Unplanned         | 20.92         | H1           |
| 2/25/2019 | High Wind Event | Unplanned         | 5.69          | H1           |

## F. Turbine Availability & Downtime

| Availability  | This Month | Year To Date |
|---------------|------------|--------------|
| WTG           | 100.00%    | 100.00%      |
|               |            |              |
| Downtime (hr) | This Month | Year To Date |
| WTG           | 52.78      | 79.09        |

|                           |                    |
|---------------------------|--------------------|
| Meter Reading (Date/Time) | 2/26/2019 12:00 AM |
| Meter To Date Produced    | 10,123,396 kWh     |
| Meter To Date Consumed    | 35,393 kWh         |
| Last Reading Produced     | 9,711,379 kWh      |
| Last Reading Consumed     | 34,269 kWh         |
| Billed kWh                | 410,893 kWh        |
| Next Meter Reading        | 3/27/2019 12:00 AM |

## G. Billed Data

## H. Report Notes and Comments