

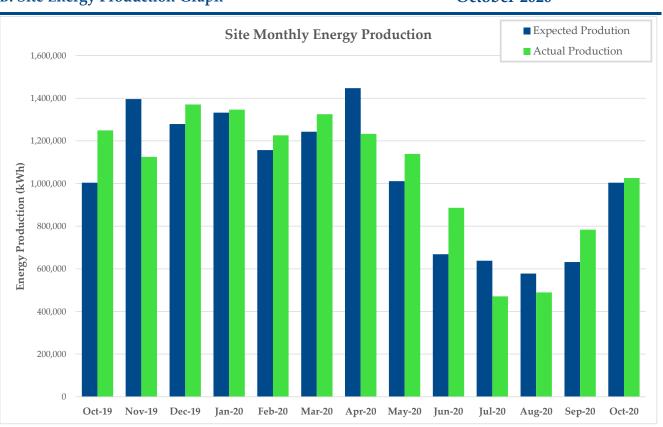
# Haviland Plastic Products, Co. Haviland, OH

# A. Site Energy Production Summary

		Energy Production (kWh)					1
		Site		By Turbine			
		Expected	Actual	WTG A	WTG B	WTG C	
		Prodution	Production	WIGA	WIGB	WIGC	
	Oct-19	1,003,602	1,248,994	421,770	423,766	403,458	
	Nov-19	1,395,914	1,124,700	383,460	368,940	372,300	
	Dec-19	1,278,858	1,370,840	492,520	451,610	426,710	
	Jan-20	1,332,437	1,346,410	458,880	440,070	447,460	
	Feb-20	1,157,019	1,226,310	419,290	406,120	400,900	
	Mar-20	1,242,761	1,324,950	450,850	430,520	443,580	
	Apr-20	1,447,248	1,232,926	423,174	392,024	417,728	
	May-20	1,010,966	1,138,690	392,230	364,170	382,290	
	Jun-20	668,411	886,190	306,680	297,480	282,030	
	Jul-20	638,097	470,790	162,000	144,430	164,360	
	Aug-20	577,992	489,350	168,530	157,090	163,730	
	Sep-20	631,697	783,680	265,500	264,220	253,960	
	Oct-20	1,003,602	1,025,730	341,910	341,910	341,910	**
Production 2020 (ytd) (kWh)		9,710,228	9,925,026	3,389,044	3,238,034	3,297,948	
Total Production (kWh)*		12,384,999	12,420,566	4,265,024	4,058,584	4,096,958	
Capacity Factor*			31.42%	*Value calcula	ted over the last	12 months	

# **B. Site Energy Production Graph**

#### October-2020



# Monthly Report October-2020



FINANCING WIND FOR INDUSTRY

# C. Safety Summary

	This Month	Project Cumulative	
Recordable Incident(s)	0	0	
Near Miss(es)	0	0	

#### D. Planned Maintenance Events

		Duration		
Date	Event	(hr)	Turbine	
March-2021	Goldwind 8.5 Year Maintenance	~8	WTG A	
March-2021	Goldwind 8.5 Year Maintenance	~8	WTG B	
March-2021	Goldwind 8.5 Year Maintenance	~8	WTG C	

#### **E. Actual Maintenance Events**

		Planned/	Duration	
Date	Event	Unplanned	(hrs)	Turbine
10/1/2020	Goldwind 8 Year Maintenance	Planned		WTG C

# F. Turbine Availability & Downtime\*\*\*

# G. Wind Speed & Capacity Factor\*\*\*\*

0.00%	100.00%	WTG A		
0.000/		WIGA		11.37
0.00%	99.13%	WTG B		11.35
0.00%	99.86%	WTG C		12.10
NaN	99.66%	Estimated	13.89	13.39
This Month	Year To Date	Capacity Factor (%)	This Month	2020 Annual
NaN	64.27	WTG A	30.64%	30.89%
NaN	150.62	WTG B	30.64%	29.36%
NaN	118.99	WTG C	30.64%	29.97%
NaN	333.88	Low Estimate	25.82%	28.72%
	NaN  This Month  NaN  NaN  NaN	NaN       99.66%         This Month       Year To Date         NaN       64.27         NaN       150.62         NaN       118.99	NaN 99.66% Estimated  This Month Year To Date Capacity Factor (%)  NaN 64.27 WTG A  NaN 150.62 WTG B  NaN 118.99 WTG C	NaN         99.66%         Estimated         13.89           This Month         Year To Date         Capacity Factor (%)         This Month           NaN         64.27         WTG A         30.64%           NaN         150.62         WTG B         30.64%           NaN         118.99         WTG C         30.64%

# H. Report Notes and Comments

<sup>\*\*</sup>October 2020 Production read from the meter due to communication issues and will be updated if SCADA data becomes available.

Total metered production divided to estimate per turbine total.

<sup>\*\*\*</sup>After review, reported September Downtime was accurate. October Downtime and Availability pending data availability.

<sup>\*\*\*\*</sup>Wind speed pending data availability. Capacity factors estimated based on metered production.