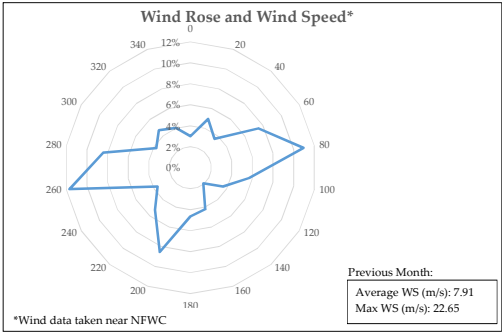
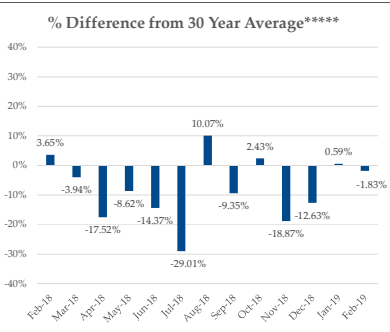
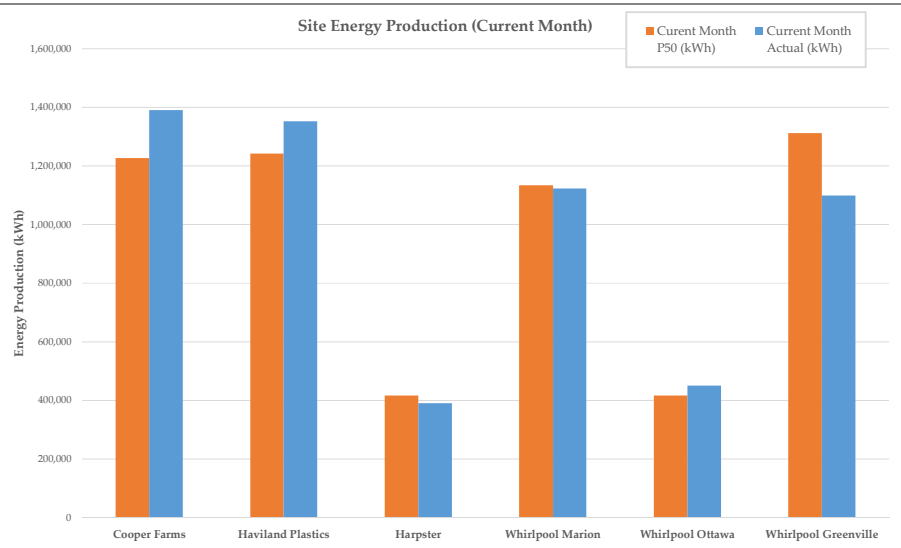


Wind for Industry® Fleet Report - Regional  
March-2019



Fleet Energy Production Summary & Month Characterization

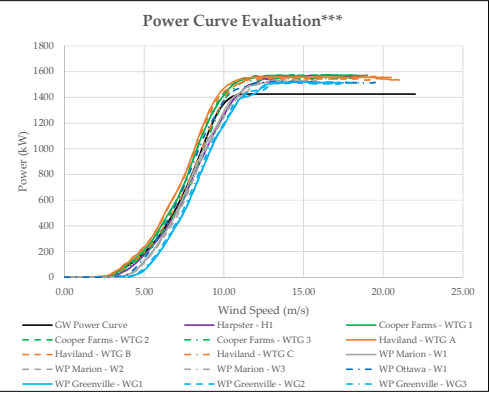
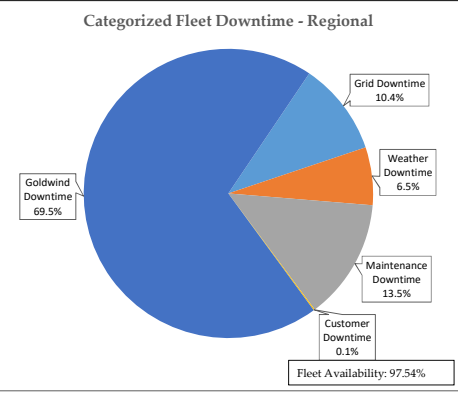
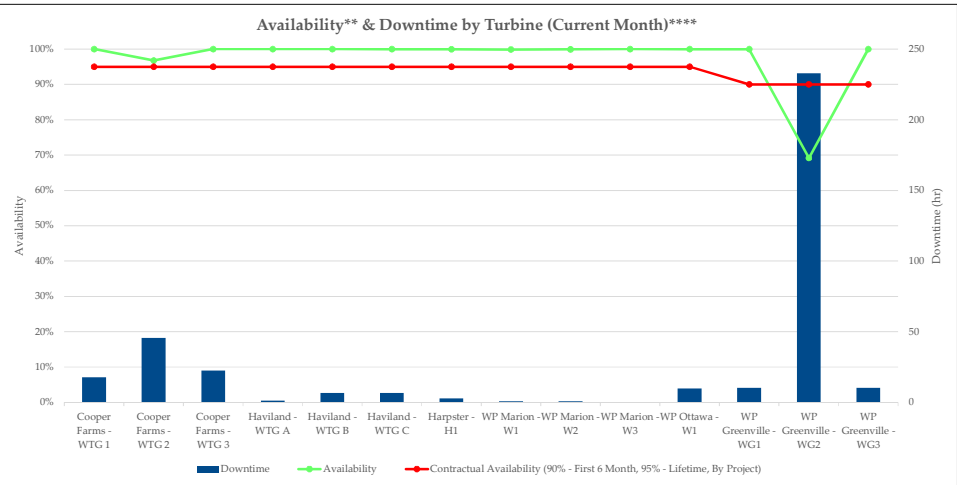
	Energy Production					
	Size (MW)	Current Month P50 (kWh)	Current Month Actual (kWh)	Rolling 12 Month P50 (kWh)	Rolling 12 Month Actual (kWh)	Rolling 12 Month CF
Cooper Farms	4.5	1,227,217	1,390,286	12,122,935	11,931,802	30.27%
Haviland Plastics	4.5	1,242,761	1,352,210	12,384,999	12,565,580	31.88%
Harpster	1.5	417,000	391,035	3,890,000	3,253,574	24.76%
Whirlpool Marion	4.5	1,134,000	1,123,196	11,166,000	9,160,275	23.24%
Whirlpool Ottawa	1.5	417,000	450,944	4,266,000	3,676,607	27.98%
Whirlpool Greenville	4.5	1,312,000	1,099,016	12,036,000	-	-
Fleet - Regional	21.0	5,749,978	5,806,687	55,865,934	40,587,838	
Fleet - Regional Rolling 12 month Capacity Factor:						27.62%



\* Rolling month characterization is always one month behind because the data used in this analysis is always one month behind. Changes to rolling month characterization reflect additional data availability.

Fleet Performance & Metrics

Safety Summary			
		This Month	Fleet Cumulative
Recordable Incident(s):		0	0
Near Miss(es):		0	0
Planned Maintenance			
Date	Project - Event	Duration (hrs)	Wind Turbine
April-2019	WP Greenville - Goldwind 6 Month Maintenance	~8	WG1, WG2, WG3
May-2019	WP Marion - Goldwind 1 Year Maintenance	~15	W1, W2, W3
May-2019	Harpster - Goldwind 3 Year Maintenance	~15	H1
September-2019	Cooper - Goldwind 7 Year Maintenance	~15	WTG1, WTG2, WTG3
September-2019	Haviland Plastics - Goldwind 7 Year Maintenance	~15	WTGA, WTGB, WTGC
September-2019	WP Ottawa - Goldwind 1.5 Year Maintenance	~8	W1



\*\* Availability in this report refers to Goldwind's contractual availability (as defined per the applicable contract per project).  
\*\*\* Power Curve validation completed using LiDAR equivalent wind speeds (conversion introduces about 3% error) and 95 % of  
\*\*\*\*WP - Greenville WG2 Availability and Downtime under further review.