

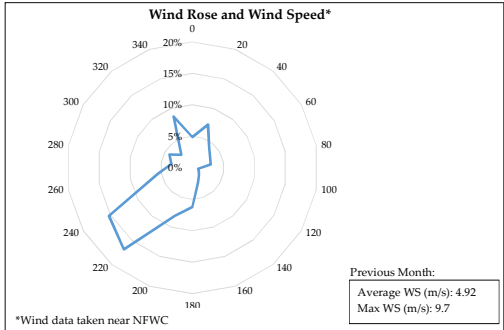
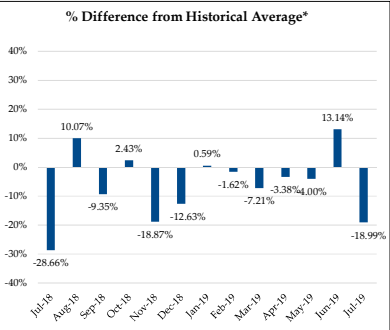
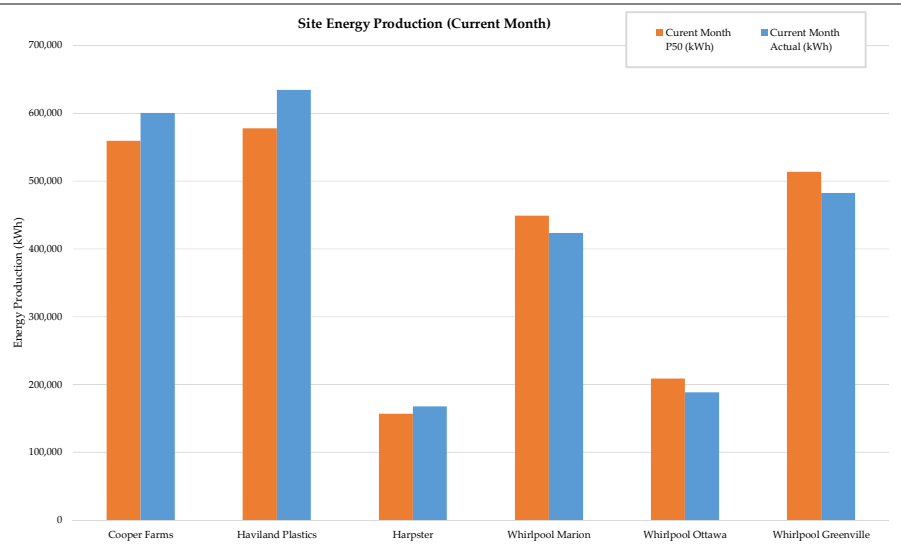
Wind for Industry® Fleet Report - Regional

August-2019



Fleet Energy Production Summary & Month Characterization

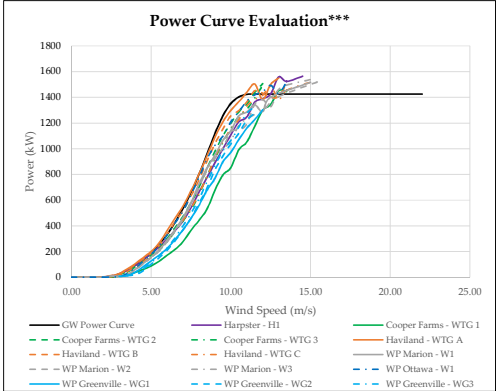
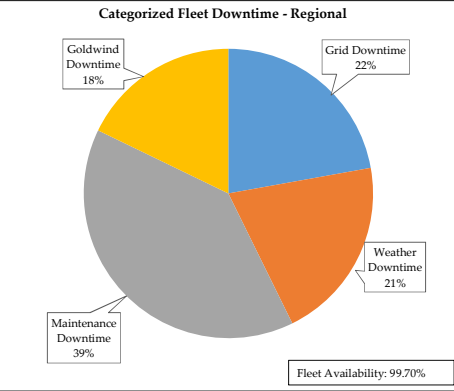
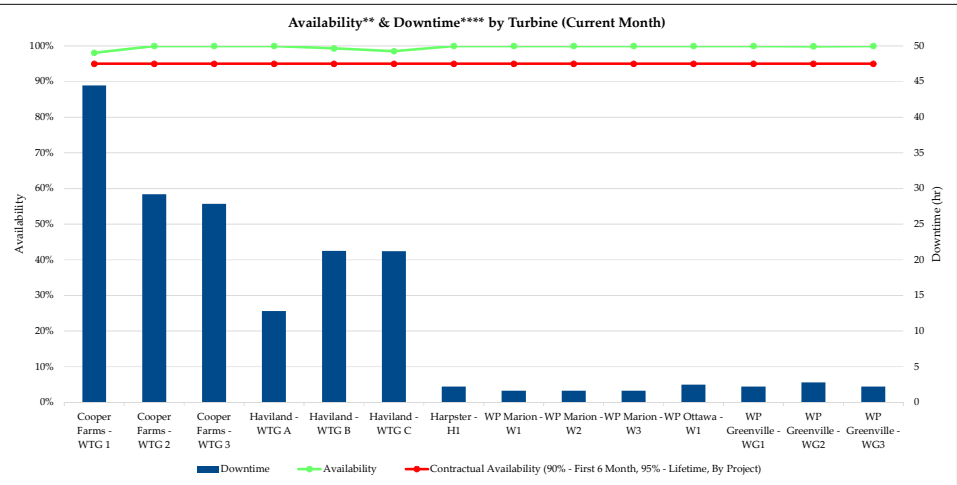
	Energy Production					
	Size (MW)	Current Month P50 (kWh)	Current Month Actual (kWh)	Rolling 12 Month P50 (kWh)	Rolling 12 Month Actual (kWh)	Rolling 12 Month CF
Cooper Farms	4.5	559,508	600,600	12,122,935	12,846,452	32.59%
Haviland Plastics	4.5	577,992	634,650	12,384,999	13,077,900	33.18%
Harpster	1.5	157,000	167,801	3,890,000	3,375,789	25.69%
Whirlpool Marion	4.5	449,000	423,670	11,166,000	9,461,431	24.00%
Whirlpool Ottawa	1.5	209,000	188,300	4,266,000	3,877,613	29.51%
Whirlpool Greenville	4.5	514,000	482,340	12,036,000	-	-
Fleet - Regional	21.0	2,466,500	2,497,361	55,865,934	42,639,185	
Fleet - Regional Rolling 12 month Capacity Factor:						28.99%



* 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
September-2019	WP Greenville - Goldwind 6 Month Maintenance	~8	WG1, WG2, WG3
September-2019	Haviland Plastics - Goldwind 7 Year Maintenance	~15	WTGA, WTGB, WTGC
September-2019	WP Ottawa - Goldwind 1.5 Year Maintenance	~8	W1
October-2019	Harpster - Goldwind 3.5 Year Maintenance	~8	H1
November-2019	WP Marion - Goldwind 1 Year Maintenance	~15	W1, W2, W3
February-2020	Cooper - Goldwind 7.5 Year Maintenance	~8	WTG1, WTG2, WTG3



** 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 GW Power Curve (warranty amount).

****Greenville Goldwind Availability & Downtime for August under dispute.