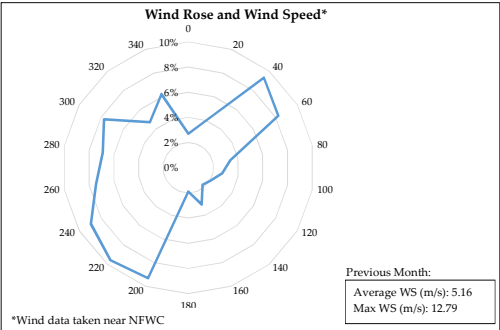
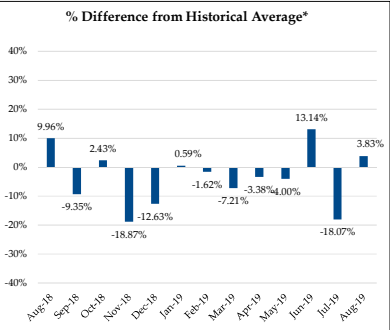
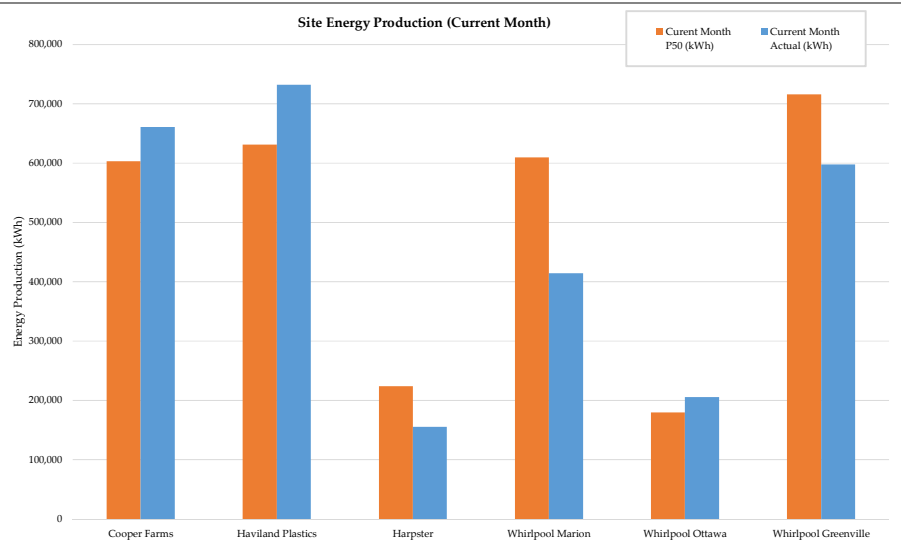


Wind for Industry® Fleet Report - Regional
September-2019



Fleet Energy Production Summary & Month Characterization

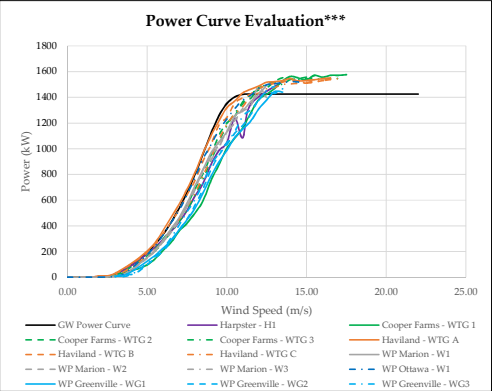
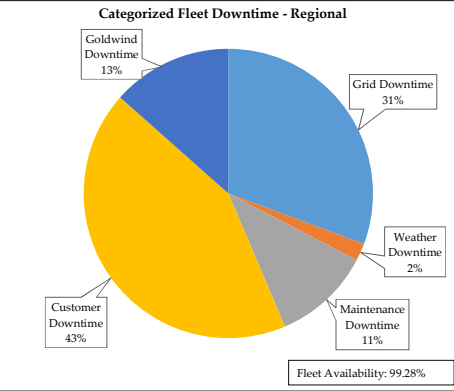
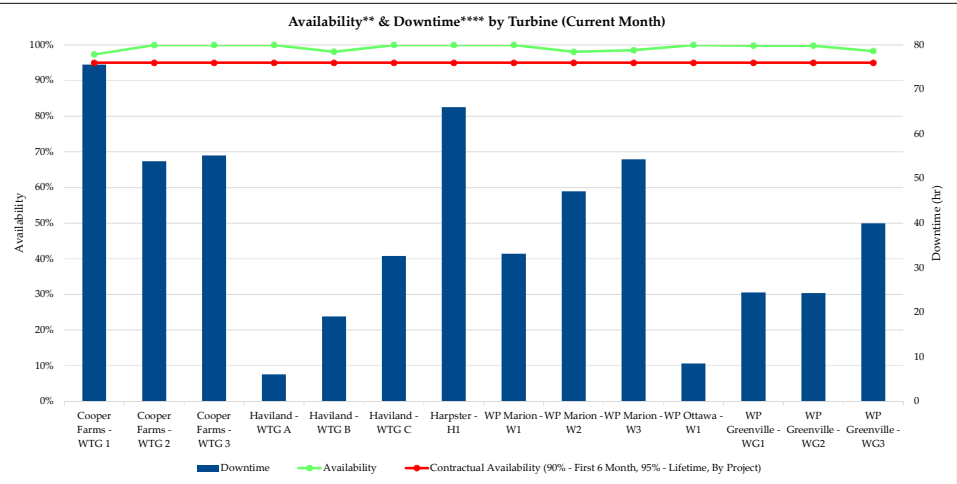
Energy Production						
	Size (MW)	Current Month P50 (kWh)	Current Month Actual (kWh)	Rolling 12 Month P50 (kWh)	Rolling 12 Month Actual (kWh)	Rolling 12 Month CF
Cooper Farms	4.5	603,085	661,430	12,122,935	12,786,942	32.44%
Haviland Plastics	4.5	631,697	732,500	12,384,999	13,056,180	33.12%
Harpster	1.5	224,000	155,481	3,890,000	3,379,495	25.72%
Whirlpool Marion	4.5	610,000	414,660	11,166,000	9,439,529	23.95%
Whirlpool Ottawa	1.5	180,000	205,853	4,266,000	3,962,981	30.16%
Whirlpool Greenville	4.5	716,000	597,745	12,036,000	9,819,166	24.91%
Fleet - Regional	21.0	2,964,782	2,767,669	55,865,934	52,444,293	
Fleet - Regional Rolling 12 month Capacity Factor:						28.38%



* 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
October-2019	WP Greenville - Goldwind 6 Month Maintenance	~8	WG1,WG2,WG3
October-2019	WP Marion - Goldwind 2 Year Maintenance	~15	W1,W2,W3
February-2020	Cooper - Goldwind 7.5 Year Maintenance	~8	WTG1, WTG2, WTG3
March-2020	WP Ottawa - Goldwind 2 Year Maintenance	~15	W1
March-2020	Harpster - Goldwind 4 Year Maintenance	~15	H1
March-2020	Haviland Plastics - Goldwind 7.5 Year Maintenance	~8	WTGA, WTGB, WTGC



** 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 under dispute.