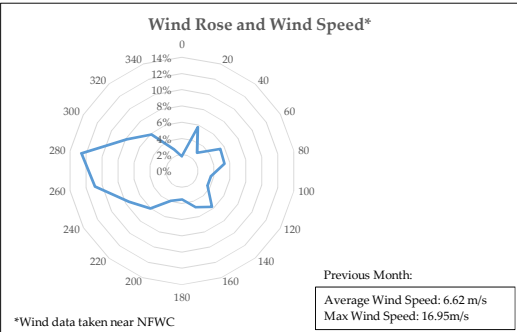
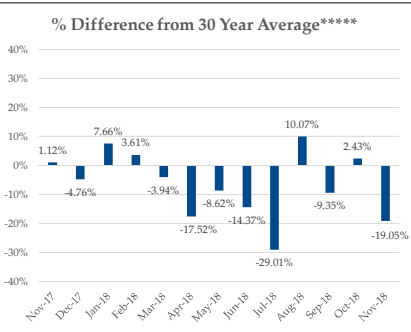
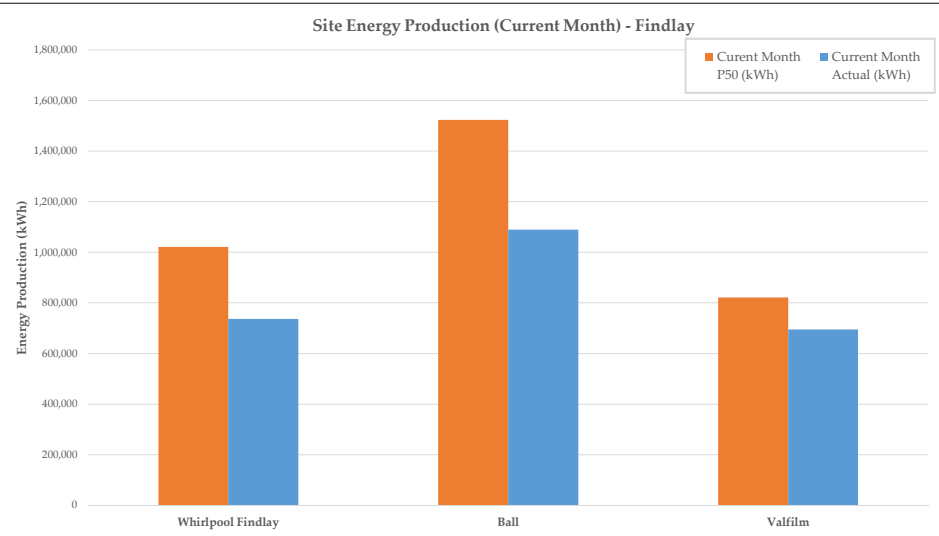


Wind for Industry® Fleet Report - Findlay
December-2018



Fleet Energy Production Summary & Month Characterization

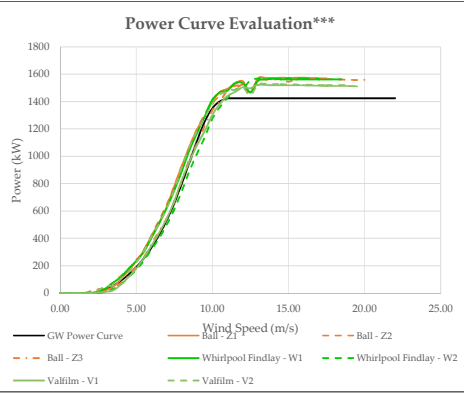
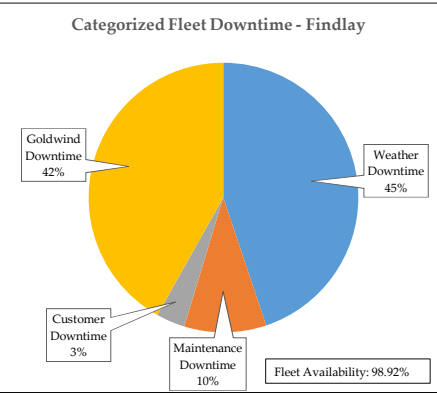
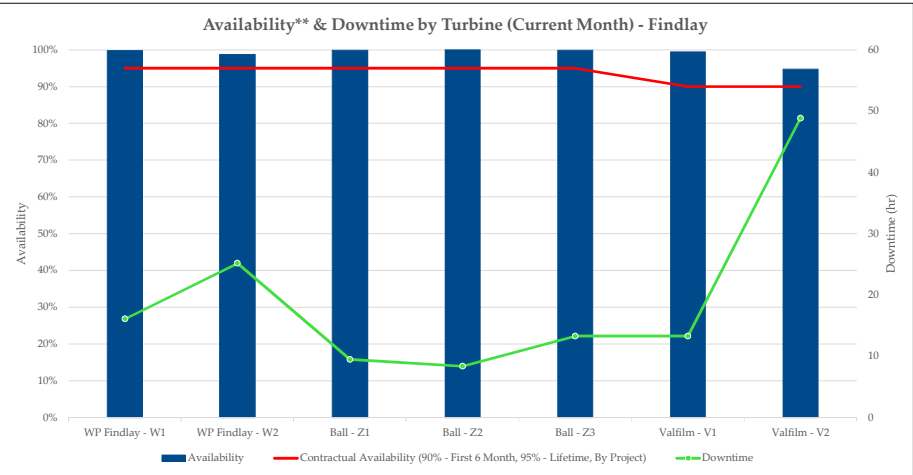
	Size (MW)	Energy Production				Rolling 12 Month CF
		Current Month P50 (kWh)	Current Month Actual (kWh)	Rolling 12 Month P50 (kWh)	Rolling 12 Month Actual (kWh)	
Whirlpool Findlay	3.0	1,022,000	737,042	8,200,000	7,473,267	28.44%
Ball	4.5	1,524,000	1,090,402	12,222,000	10,858,742	27.55%
Valfilm	3.0	822,000	694,925	7,625,000	-	-
Fleet - Findlay	10.5	3,368,000	2,522,369	28,047,000	18,332,009	
Fleet - Findlay Rolling 12 month Capacity Factor:						27.99%



* 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 updated analysis methodology and 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
December-2018	WP Findlay - Goldwind 2.5 Year Maintenance	~8	W1, W2
March-2019	Valfilm - Goldwind 6 Month Maintenance	~8	V1, V2
April-2019	Ball - Goldwind 3 Year Maintenance	~15	Z1, Z2, Z2



** 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).