

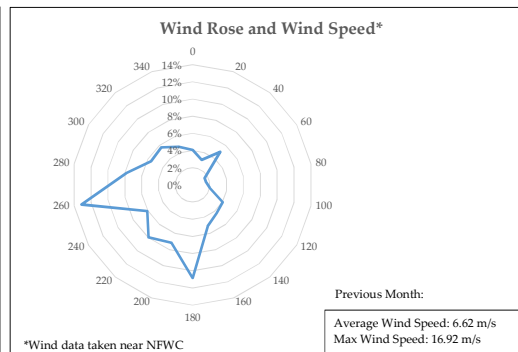
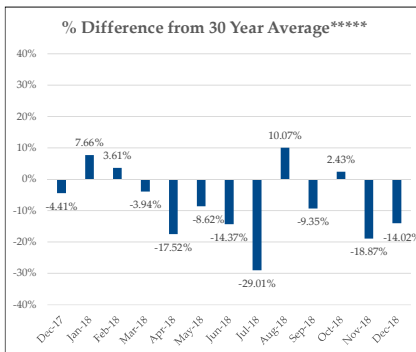
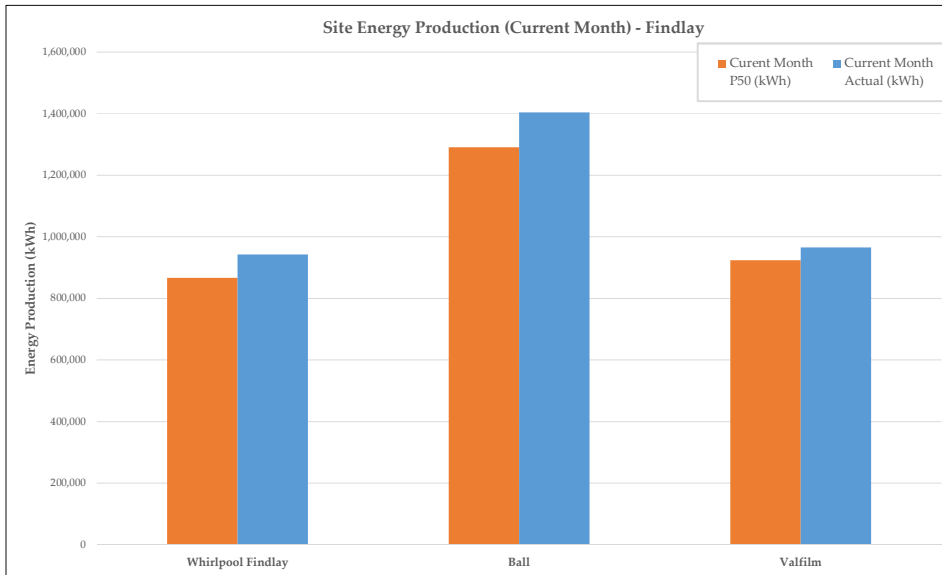
Wind for Industry® Fleet Report - Findlay

January-2019



Fleet Energy Production Summary & Month Characterization

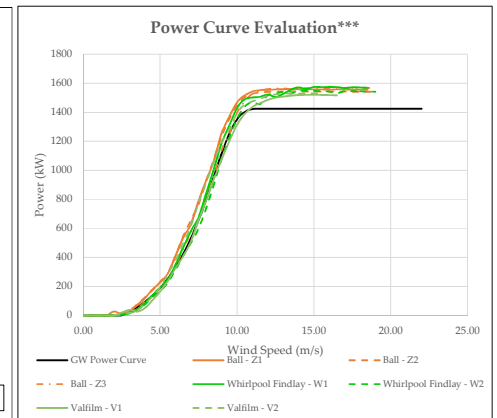
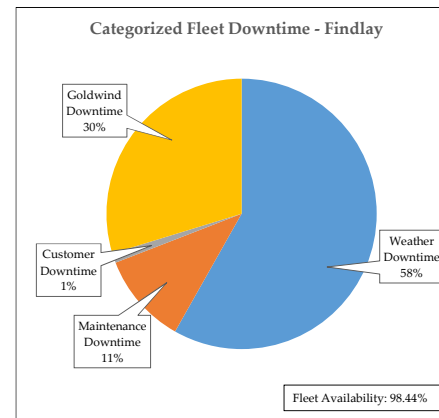
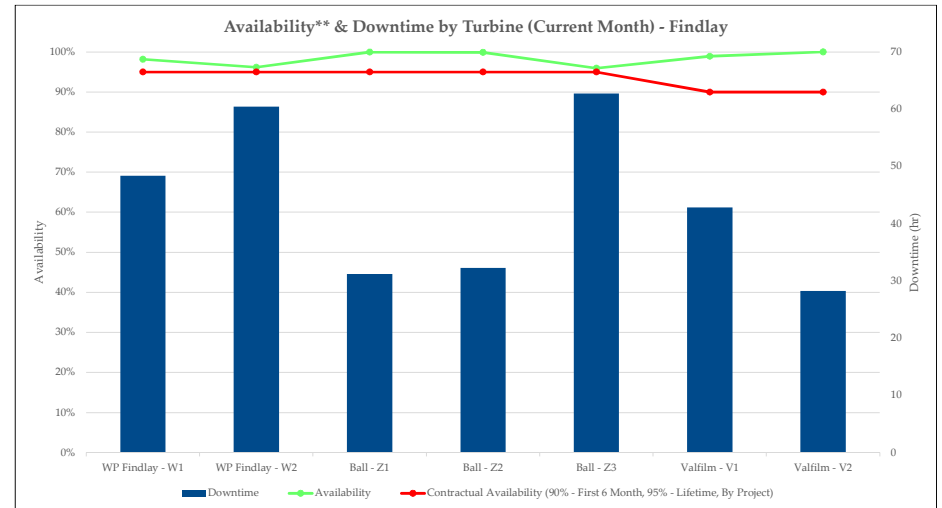
	Energy Production					
	Size (MW)	Curent Month P50 (kWh)	Current Month Actual (kWh)	Rolling 12 Month P50 (kWh)	Rolling 12 Month Actual (kWh)	Rolling 12 Month CF
Whirlpool Findlay	3.0	867,000	942,829	8,200,000	7,375,010	28.06%
Ball	4.5	1,291,000	1,404,829	12,222,000	10,800,683	27.40%
Valfilm	3.0	924,000	965,472	7,625,000	-	-
Fleet - Findlay	10.5	3,082,000	3,313,130	28,047,000	18,175,693	
Fleet - Findlay Rolling 12 month Capacity Factor:						27.73%



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	Valfilm - Goldwind 6 Month Maintenance	~8	V1, V2
April-2019	Ball - Goldwind 3 Year Maintenance	~15	Z1, Z2, Z2
May-2019	WP Findlay - Goldwind 2.5 Year Maintenance	~8	W1, W2



** 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).

* 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.