Monthly Performance Report

October 2014

for

Tippecanoe Valley School Corporation

Prepared for

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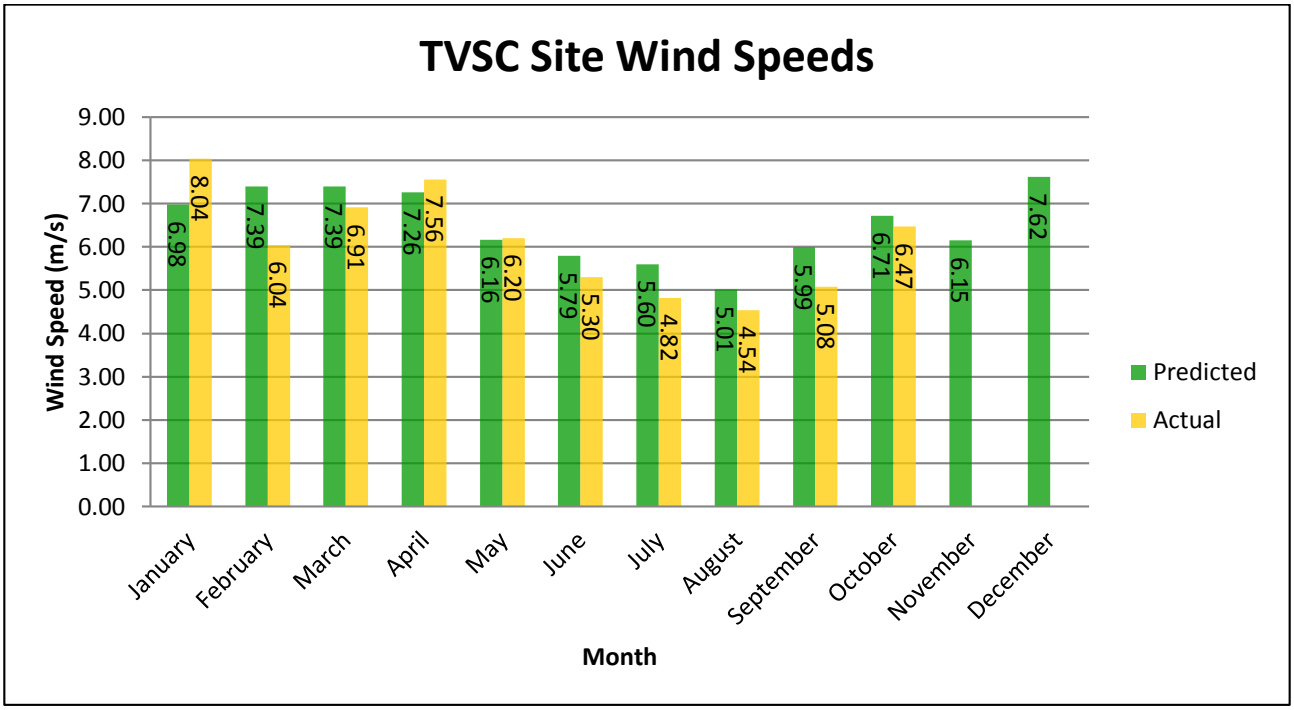
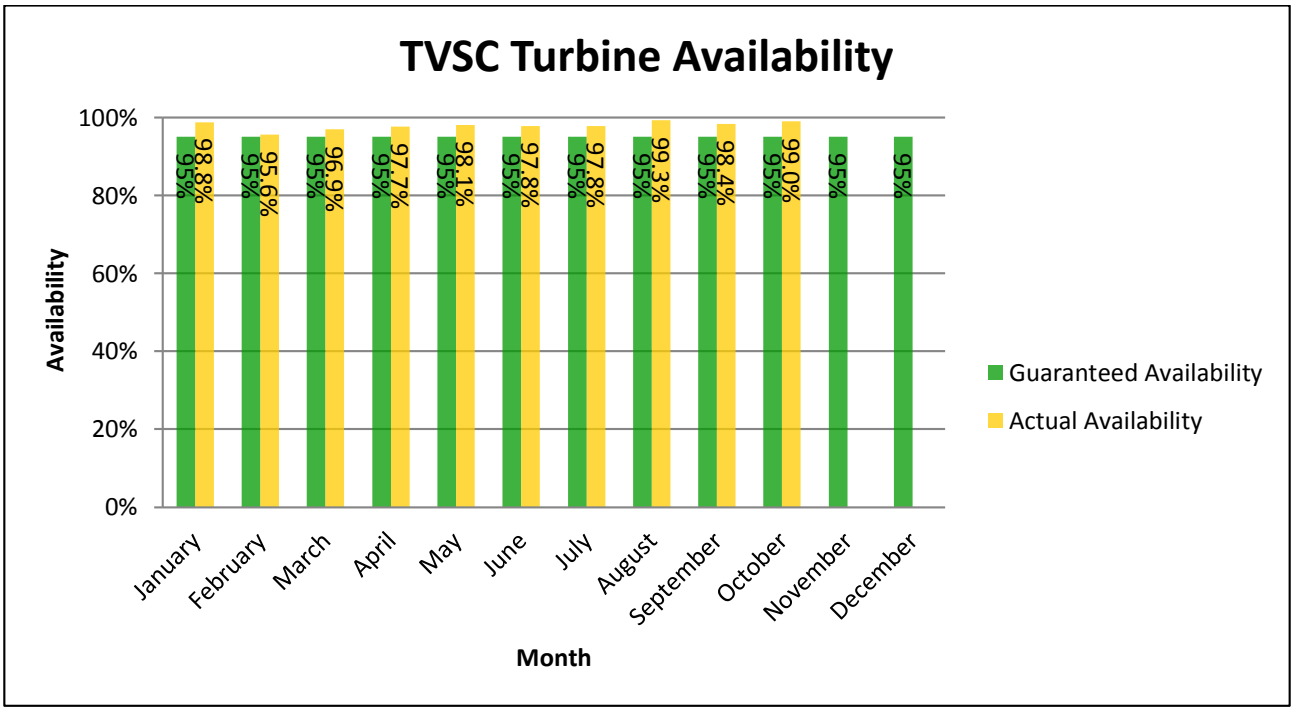
TOTAL POWER PRODUCTION REPORTED BY SCADA FOR OCTOBER = 142,649.0 kWh

AVERAGE AVAILABILITY REPORTED BY SCADA FOR OCTOBER = 99.04%

Date	Availability	Wind Speed	Production	Comments
	(%)	(m/s)	(kWh)	
October 1, 2014	100	5.38	2077	
October 2, 2014	100	6.9	4397	
October 3, 2014	100	8.76	9503	
October 4, 2014	100	8.47	8970	
October 5, 2014	100	7.26	5611	
October 6, 2014	100	7.56	5706.5	
October 7, 2014	86.07	6.54	4000	
October 8, 2014	100	8.22	7382.5	
October 9, 2014	100	5.14	2289	
October 10, 2014	100	5.64	2101	
October 11, 2014	100	5.41	2196	
October 12, 2014	100	7.33	5142	
October 13, 2014	100	7.87	7156	
October 14, 2014	100	7.79	7060.5	
October 15, 2014	84.02	2.82	207.5	
October 16, 2014	100	4.76	1448.5	
October 17, 2014	100	8.55	8481	
October 18, 2014	100	6.94	4686.5	
October 19, 2014	100	4.2	1746.5	
October 20, 2014	100	6.51	3621	
October 21, 2014	100	5.79	2420.5	
October 22, 2014	100	4.61	1335	
October 23, 2014	100	4.5	1369	
October 24, 2014	100	5.44	2365.5	
October 25, 2014	100	7.1	4579.5	
October 26, 2014	100	4.39	1644	
October 27, 2014	100	9.84	11694	
October 28, 2014	100	8.78	9087	
October 29, 2014	100	6.17	3183.5	
October 30, 2014	100	2.94	92	
October 31,2014	100	9.1	11096.5	

Availability [%] – Percentage of daily uptime
Wind Speed [m/s] – Daily average wind speed in meters per second
Production [kWh] – Daily cumulative energy export in kilowatt hours


TVSC Site Wind Speeds
Wind Speed (m/s)
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
6.98
8.04
7.39
6.04
7.39
6.91
7.26
7.56
6.16
6.20
5.79
5.30
5.60
4.82
5.01
4.54
5.99
5.08
6.71
6.47
6.15
7.62
January
February
March
April
May
June
July
August
September
October
November
December
Month
Predicted
Actual


TVSC Turbine Availability
Availability
100%
80%
60%
40%
20%
0%
95%
98.8%
95%
95.6%
95%
96.9%
95%
97.7%
95%
98.1%
95%
97.8%
95%
97.8%
95%
99.3%
95%
98.4%
95%
99.0%
95%
95%
95%
January
February
March
April
May
June
July
August
September
October
November
December
Month
Guaranteed Availability
Actual Availability

DOWNTIME EXPLANATION *(for availability less than 75%)*

Availability was at or above 84.02% for the month of October 2014.

SCHEDULED MAINTENANCES

There was no scheduled maintenance performed in October 2014.