Monthly Performance Report

June 2013

for

Tippecanoe Valley School Corporation

Prepared for

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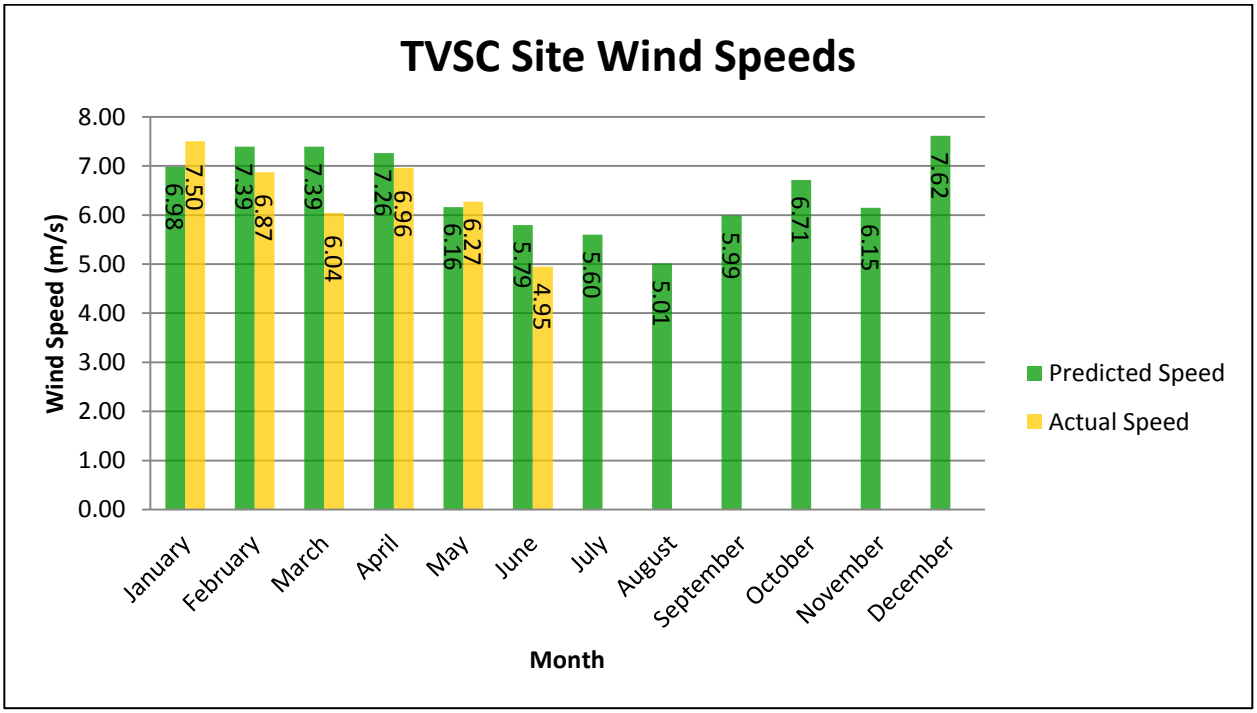
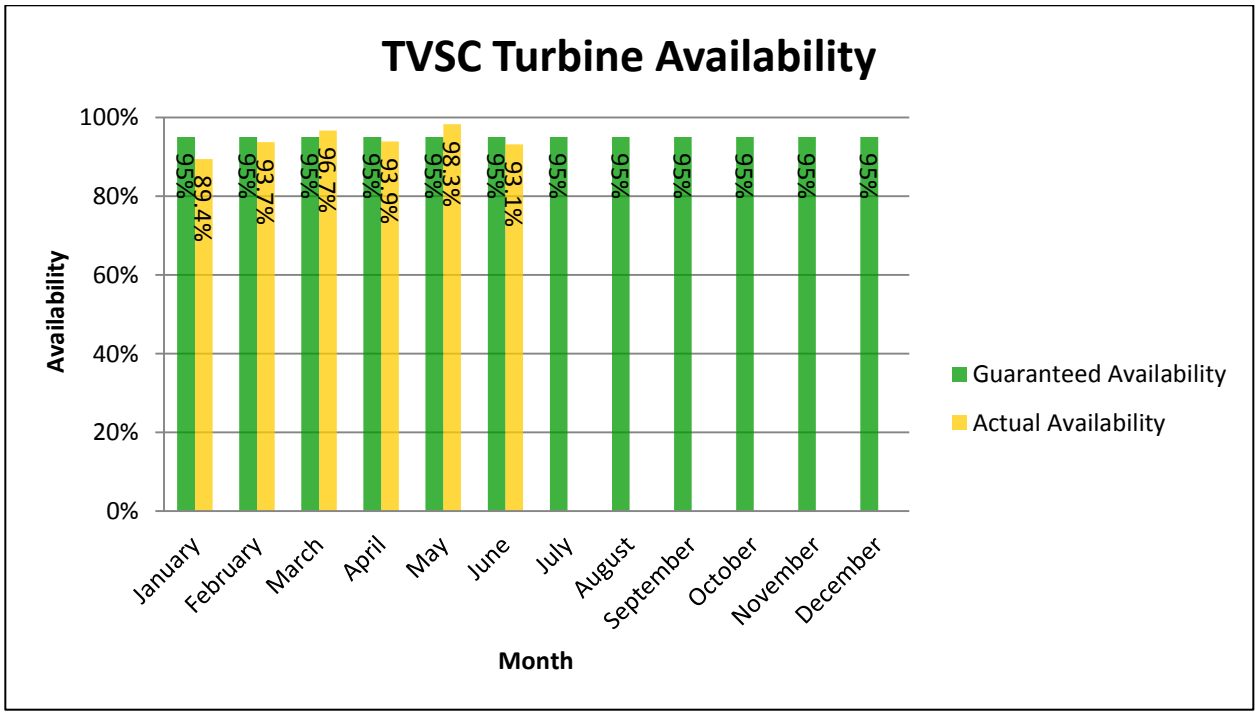
TOTAL POWER PRODUCTION REPORTED BY SCADA FOR JUNE = 61,173.00 kWh

AVERAGE AVAILABILITY REPORTED BY SCADA FOR JUNE = 93.12%

Date	Availability	Production	Comments
	(%)	(kWh)	
June 1, 2013	84.16	4992.50	
June 2, 2013	99.98	3852.00	
June 3, 2013	99.98	892.25	
June 4, 2013	99.98	1137.25	
June 5, 2013	99.98	2515.50	
June 6, 2013	99.98	2412.25	
June 7, 2013	97.84	1062.25	
June 8, 2013	99.99	608.50	
June 9, 2013	99.98	1485.25	
June 10, 2013	99.98	2015.75	
June 11, 2013	99.98	628.00	
June 12, 2013	99.99	851.50	
June 13, 2013	96.44	6228.75	
June 14, 2013	99.98	1637.00	
June 15, 2013	99.98	1044.50	
June 16, 2013	99.98	3498.50	
June 17, 2013	99.98	1026.75	
June 18, 2013	67.25	664.25	Pitch Fault
June 19, 2013	99.98	1256.00	
June 20, 2013	99.98	641.75	
June 21, 2013	99.97	4137.50	
June 22, 2013	99.98	2360.75	
June 23, 2013	99.98	2539.75	
June 24, 2013	99.97	3014.75	
June 25, 2013	99.98	4878.50	
June 26, 2013	60.55	950.25	Pitch Fault
June 27, 2013	57.67	69.75	Pitch Fault
June 28, 2013	87.98	2909.25	
June 29, 2013	80.79	432.00	
June 30, 2013	61.19	1430.00	Pitch Fault

Availability [%] – Percentage of daily uptime
Production [kWh] – Daily cumulative energy export in kilowatt hours


TVSC Site Wind Speeds
Wind Speed (m/s)
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
6.98
7.50
7.39
6.87
7.39
6.04
7.26
6.96
6.16
6.27
5.79
4.95
5.60
5.01
5.99
6.71
6.15
7.62
January
February
March
April
May
June
July
August
September
October
November
December
Month
Predicted Speed
Actual Speed


TVSC Turbine Availability
Availability
100%
80%
60%
40%
20%
0%
95%
89.4%
95%
93.7%
95%
96.7%
95%
93.9%
95%
98.3%
95%
93.1%
95%
95%
95%
95%
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%)*

June 18th: Pitch fault. Encoder on pitch motor is damaged and needs to be replaced.

June 26th – 27th: Pitch fault. Encoder on pitch motor is damaged and needs to be replaced.

June 30th: Pitch fault. Encoder on pitch motor is damaged and needs to be replaced. SUREnergy to replace encoder.

SCHEDULED MAINTENANCES

There was no scheduled maintenance performed during June.