Monthly Performance Report

September 2013

for

Tippecanoe Valley School Corporation

Prepared for

Brett Boggs, Superintendent of Tippecanoe Valley School Corporation

Dr. Dan Kramer, Assistant Superintendent of Tippecanoe Valley School Corporation

Todd Glenn, Director of Maintenance of Tippecanoe Valley School Corporation

By:
Performance Services
4670 Haven Point Boulevard, Suite 200
Indianapolis, IN 46280
Tel: (317) 713-1750 Fax: (317) 713-1751

Contents

AVAILABILITY NUMBERS AND GRAPH..... 3 thru 4

DOWNTIME EXPLANATION..... 5

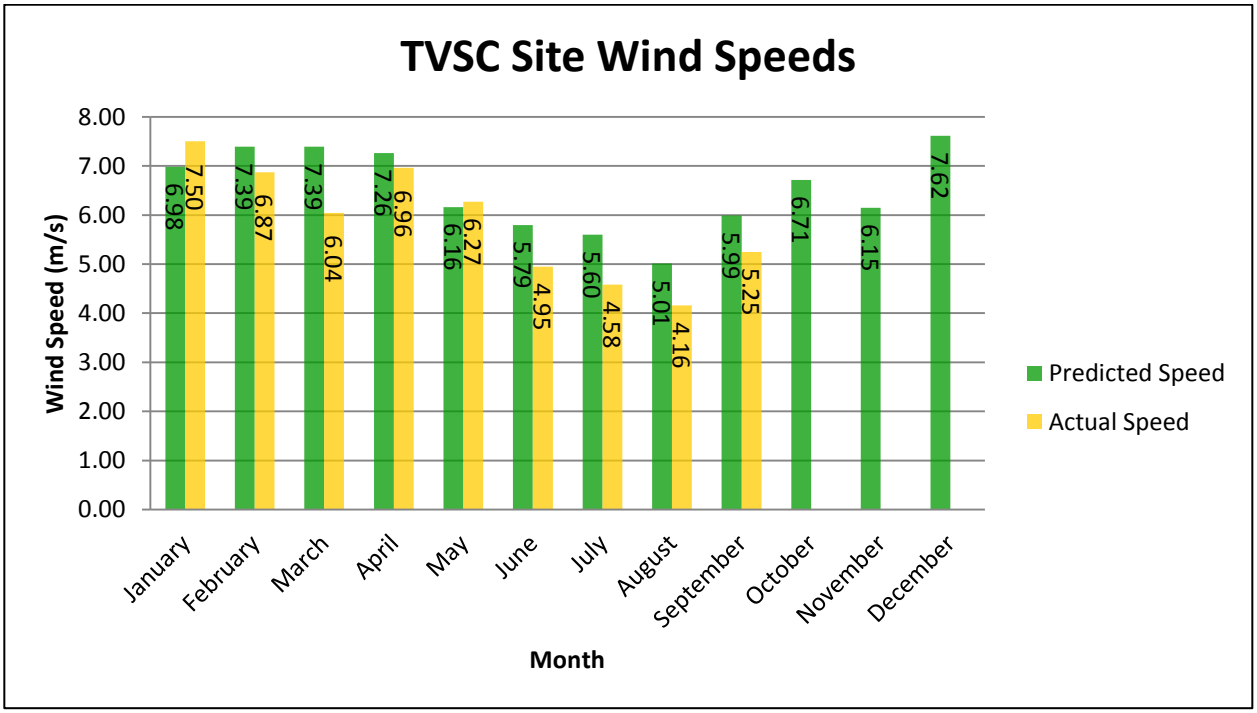
SCHEDULED MAINTENANCES..... 5

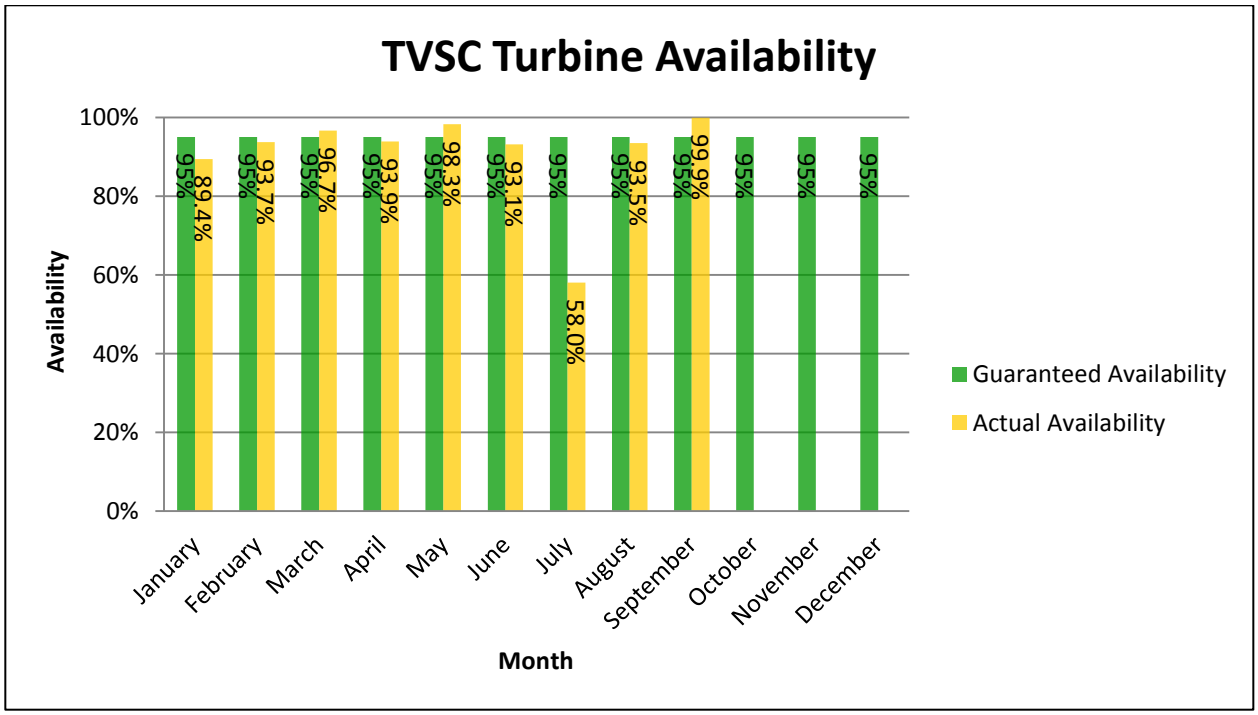
TOTAL POWER PRODUCTION REPORTED BY SCADA FOR SEPTEMBER = 68,485.50 kWh

AVERAGE AVAILABILITY REPORTED BY SCADA FOR SEPTEMBER = 99.87%

Date	Availability	Production	Comments
	(%)	(kWh)	
September 1, 2013	99.96	367.75	
September 2, 2013	99.97	2176.25	
September 3, 2013	99.96	1052.25	
September 4, 2013	99.97	739	
September 5, 2013	99.96	397.25	
September 6, 2013	99.97	2501.75	
September 7, 2013	99.96	3160.25	
September 8, 2013	99.95	1909	
September 9, 2013	99.96	2791	
September 10, 2013	99.95	3850.75	
September 11, 2013	99.96	4292.75	
September 12, 2013	99.96	2264.25	
September 13, 2013	97.21	3628.25	
September 14, 2013	99.94	461.75	
September 15, 2013	99.96	2667	
September 16, 2013	99.93	776.25	
September 17, 2013	99.97	2601.25	
September 18, 2013	99.94	1812.25	
September 19, 2013	99.96	2942.25	
September 20, 2013	99.96	4229	
September 21, 2013	99.95	3813.5	
September 22, 2013	99.96	756.5	
September 23, 2013	99.96	1585.75	
September 24, 2013	99.94	3095.5	
September 25, 2013	99.96	1810.75	
September 26, 2013	99.97	1842.5	
September 27, 2013	99.95	3681.25	
September 28, 2013	99.97	4083.25	
September 29, 2013	99.96	2738.75	
September 30, 2013	99.96	457.5	

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
4.58
5.01
4.16
5.99
5.25
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%
58.0%
95%
93.5%
95%
99.9%
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 greater than 97.21 throughout the entire month.

SCHEDULED MAINTENANCES

There was no scheduled maintenance performed during September.