

Terra-Gen Dixie Valley, LLC

February 2014

DOE Monthly Report

FROM: Douglas Brown – Site Manager

DATE: March 11, 2014

PRODUCTION AND GENERATION DATA

Binary Production	February	YTD
Gross Generation MWHs	3,548	7,363
Site Load MWHs	894	1,688
Net Generation MWHs	2,654	5,675
Average Monthly Net Generation MWs	3.95	4.00
Hours in Service	668.75	1,386.52
Availability	99.52%	98.00%

SUMMARY

Power Plant

During the month of February there were 3.25 hours of unscheduled outage time. The unit is overall limited by brine handling capabilities.

The brine pump discharge rating / motive force to move hot water flow through the heat exchangers cannot overcome the high differential pressure (post heat exchanger cleaning) with the addition of a brine line booster pump.

The unit overall was very productive during the month of February due to a good availability and efficiency of the system to extract heat.

Scheduled Outages:

There were no scheduled outages during the month.

Unscheduled Outages:

The binary project was off line 3.25 hours:

On February 4 and 5 trips were related to over/under range on the seal oil collection tank level transmitter. The issue was investigated and not problems found. The issue has not resurfaced to date.

On February 11 the unit was taken off line during an Edison curtailment to perform preventive maintenance on the HP refrigerant pump motor oil and installation of a switch for the binary report computer.

On February 12 the unit lost communications and was taken off line to reboot the PLC. This repeated problems is related to installation of the historian report computer. We are working with the Rockwell, the software and PLC equipment manufacturer.

On February 20 the unit lost communications and was taken off line to reboot the PLC. The switch installed on February 12 did not resolve the lost communication issue related to the historian report computer and data scan rate / archival.

A total of 11.1 mwh's were lost as a result of the above events.

Curtailments:

No curtailments affected the binary production during the month. The unit was taken off line on February 11 and 12 during Edison curtailments to perform maintenance.