

Terra-Gen Dixie Valley, LLC

April 2014

DOE Monthly Report

FROM: Douglas Brown – Site Manager

DATE: May 8, 2014

PRODUCTION AND GENERATION DATA

Binary Production	April	YTD
Gross Generation MWHs	2,833	13,687
Site Load MWHs	862	3,283
Net Generation MWHs	1,971	10,404
Average Monthly Net Generation MWs	2.74	3.62
Hours in Service	717.70	2,847.22
Availability	99.68%	98.92%

SUMMARY

Power Plant

During the month of April there were no hours of unscheduled outage time.

The unit is overall limited by brine handling capabilities and air cooled condenser heat rejection.

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.

Scheduled Outages:

There were no scheduled outages during the month.

Unscheduled Outages:

There were two unscheduled outages during the month.

TAS was on site with two personnel for optimization and task list items Wednesday and Thursday, April 24 and 25. The unit was shut-down for generator internal inspection and PLC program changes on March 24 at 1050 and back on line at 1240. The unit tripped on April 25 at 1420 and back on line at 1450. TAS was taking a R134a sample to analyze for moisture and the port used was for HP pump suction screen differential pressure. Collecting the sample caused a false high DP and the unit tripped. TAS inhibited the alarm but not the trip prior to pulling the sample. A total of 2.3 hours off line with a loss of 4.9 mwh's.

Curtailments:

No curtailments affected the binary production during the month.