



**PERFORMANCE GUARANTEE TRUE-UP REPORT**  
**2020 – 2021**  
**Benicia Unified School District**  
**4 Site Portfolio**



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## Summary

This Performance Guarantee True Up report covers the period October 1, 2020 through September 30, 2021 for the solar installations owned by Benicia Unified School District and constructed by Borrego Solar. The portfolio of sites consists of 4 separate sites through the district: Benicia High School, Matthew Turner Elementary School, Joe Henderson Elementary School, and Robert Semple Elementary.

The portfolio produced 99.0% of the expected energy through the True Up period as summarized in Table 1. This exceeded the guarantee level of 95.0%.

Actual Generation (MWh)	2,455.81
SEAMC/Expected Generation (MWh)	2,479.92
Performance Index (%)	99.0%
Guarantee Level (%) (Based on generated Energy)	95%

*Table 1: Performance metrics for the True Up Period.*

SEAMC was calculated from PVSyst using weather data measured from Benicia HS and Matthew Turner ES. No adjustments were made to the weather data

## Definitions

**Actual Generation:** Generation measured by on site metering; kWh or MWh.

**Expected Generation (SEAMC):** Generation expected as a function of the agreed PVSyst model for the site when run with environmental parameters measured on site including irradiance, module and ambient temperature and wind speed; MWh.

**Adjusted Expected Generation:** Expected generation adjusted per the terms of the Output Guarantee for issues such as utility outages, missing data etc. (refer to the Output Guarantee for a complete list); MWh.

**Performance Index:** Ratio of actual generation to expected generation over a period; (%).

Site	Period Start Date	Total Generation (MWh)	SEAMC/ Expected Generation	Performance Ratio	Generated Value	Excpeted Value	Value Ratio
Matthew Turner	10/1/2020	230.19	223.21	103.13%	\$ 55,532.24	\$ 50,131.81	110.77%
Joe Henderson	10/1/2020	228.66	239.46	95.49%	\$ 55,162.49	\$ 53,783.35	102.56%
Robert Semple	10/1/2020	195.59	195.72	99.93%	\$ 47,184.81	\$ 43,958.20	107.34%
Benicia HS	10/1/2020	1,801.37	1,821.53	98.89%	\$434,571.15	\$409,113.62	106.22%

Table 2: Performance Summary