

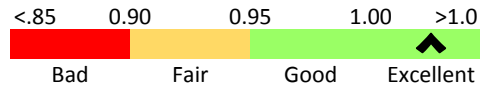
# System Performance and Health Report



PUSD Willow Cove Elementary School  
 1880 Hanlon Way  
 Pittsburg, Pittsburg 94565

System Size (DC kW) 183.54  
 Reporting Month March-17  
 Performance Since February-12

### System Performance <sup>\*\*</sup> (2016)



Year of Operation	Budgeted Energy (kWh)	Actual Energy (kWh)	Production Vs. Budget
2012	251,090	299,250	119.2%
2013	258,292	309,109	119.7%
2014	257,001	279,605	108.8%
2015	255,716	293,252	114.7%
2016	254,437	284,168	111.7%
2016 Jan-16	8,331	9,335	112.0%
2016 Feb-16	11,370	18,373	161.6%
2016 Mar-16	15,810	22,025	139.3%
2016 Apr-16	25,435	28,925	113.7%
2016 May-16	32,257	32,538	100.9%
2016 Jun-16	33,453	35,064	104.8%
2016 Jul-16	32,943	36,812	111.7%
2016 Aug-16	30,247	33,078	109.4%
2016 Sep-16	23,661	26,349	111.4%
2016 Oct-16	18,819	17,265	91.7%
2016 Nov-16	11,703	13,662	116.7%
2016 Dec-16	10,409	10,742	103.2%
2017	19,602	23,979	122.3%
2017 Jan-17	8,290	10,868	131.1%
2017 Feb-17	11,313	13,111	115.9%
<b>Total-Lifetime</b>	<b>1,550,575</b>	<b>1,773,531</b>	<b>114.4%</b>

The system has produced at a higher percentage than modeled.

NOTE: The system experiences afternoon shading from a tree at the south-west end of the array. This negatively impacts performance.

Please Let me know if you have any questions

Yvonne Grace  
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\* System performance is Actual Energy/ Budgeted Energy. Budgeted Energy is based on a model and does not factor for real time weather conditions.

\*\* The current Data Acquisition System (DAS) is not a reliable source for evaluating weather adjusted performance. If you would like more information on upgrading your DAS, please email us at the link below with the subject 'DAS UPGRADE'.

[support@recsolar.com](mailto:support@recsolar.com)