

Tipton Community Schools: Guarantee Year #2

Date Period: September 2020 - August 2021

Engineer: Arash Habibi-Soureh

Date: 9/1/2021

Solar Savings - Tipton CS

	Expected Monthly Sum of GHI Irradiance Wh/m2	Actual Monthly Sum of GHI Insolation Wh/m2	Monthly Insolation Difference %	Base Production kWh	Weather-Adjusted Base Production kWh	Actual Production (kWh)	Notes
Sep-20	129,600	136,901	6%	72,208	72,208	75,385	
Oct-20	90,000	96,361	7%	55,469	55,469	58,463	
Nov-20	48,800	69,463	42%	31,283	31,283	47,964	
Dec-20	41,200	49,602	20%	28,341	28,341	28,353	
Jan-21	43,300	52,324	21%	29,090	29,090	29,466	
Feb-21	58,200	74,504	28%	37,975	37,975	30,788	
Mar-21	115,000	130,646	14%	69,666	69,666	79,829	
Apr-21	128,900	160,963	25%	69,362	69,362	84,586	
May-21	182,300	178,534	-2%	90,692	88,819	88,709	
Jun-21	187,300	181,987	-3%	88,672	86,157	88,578	
Jul-21	189,500	196,427	4%	89,858	89,858	93,055	
Aug-21	153,100	180,243	18%	77,383	77,383	89,661	
Totals (kWh)				739,999	735,610	794,837	
Energy Rate (\$/kWh)				\$ 0.1149	\$ 0.1149	\$ 0.1149	
Totals (\$)				\$85,026	\$84,522	\$91,327	

Total Solar Savings \$91,327

SREC Sales

Total \$ Sales: \$5,697

Grand Total Savings \$97,023

Date: 10/1/2021

Guarantee Difference	
\$	12,513