

Solar Tracking on Habitat home in Broadway, VA



Month	Solar Energy Production	\$ savings from Solar	Electric bill	Net usage
Feb. 2021	0 kW hrs	0	\$129.63	1121 kW hrs
March	0	0	79.07	626
April (solar installed April 22)	357.7	\$40.3	59.05	446
May	575.9	64.9	7.63	(credit)
June	555.9	62.7	7.63	(credit)
July	585.3	66.0	7.63	(credit)
August	484.2	54.6	7.63	(credit)
September	474.2	53.5	7.63	(credit)
October	356.5	40.2	7.63	(credit)
November	356.4	40.2	12.65	40
December	227.7	25.7	72.28	547
January 2022	165.7	18.7	109.55	863
February	363.8	41.0	69.16	514
March	450.0	50.7	23.26	128
April	511.3	57.6	7.63	(credit)
Monthly average (with solar)	425.5 kW hrs	**\$47.98	\$28.36	190.2 kW hrs
5 kW equivalent (estimated)	562.8 kW hrs	\$63.46	\$15.04	55.4 kW hrs

** Projected monthly savings in 2030 are \$64.77 (assuming 3.5% annual rise in electric rates)

Solar System Information:

Panels:	12 @ 315 Watts = 3.78 kW	Electricity Cost:	\$.1127 / kWh
Azimuth:	199.561	Commissioning:	April 22, 2021
Roof pitch:	18.4 degrees	Finished sq. footage of home:	1200

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