



CASE STUDY | 6.6kW RESIDENTIAL SOLAR SYSTEM RESULTS

SYSTEM SPECS

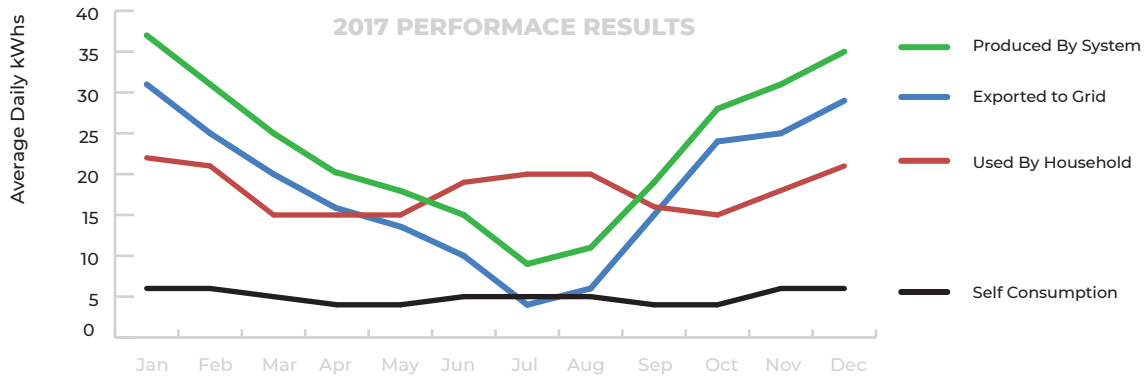
- ✓ 6.6kW Solar System
- ✓ 24 x Canadian Solar 275w panels
- ✓ Fronius Primo 5kW Inverter
- ✓ Fronius Smart Energy Meter
- ✓ Installed by Goliath in Jan 2017
- No Battery Installed

LOCATION SPECS

- ✓ Morphett Vale SA 5162
- ✓ 5 Person Household
- ✓ Average \$800 Powerbill Per Quarter Pre-install.
- ✓ 14kWh Daily Average Electricity Usage Pre & Post Install



3.025kW East : 11 Panels
3.575kW West : 13 Panels



	DAILY AVERAGE	YEARLY kWhs	YEARLY SAVINGS
Produced By The System	25kWhs	9,069kWhs	
Used By The Household	14kWhs	5,210kWhs	
Exported To The Grid	19kWhs	6,210kWhs	\$1040.00 ①
Self Consumption	6kWhs	2,200kWhs	\$767.00 ②
		TOTAL SAVINGS	\$1,807.00 ③

SAVING CALCULATIONS KEY:

- ① 19kWh x .15 feed in = \$2.85 saving day = \$1040p/y
- ② 6kWh x .35c electricity charge = \$2.10 savings day in electricity = \$767p/y
- ③ \$2.85 + \$2.10 = \$4.95 day x 365 days = \$1,807p/y

RESULTS ANALYSIS

Savings ★★★★★ Great \$1,807p/y Savings are above our average estimate.

Performance ★★★★★ Excellent 87% Efficiency in real world use is excellent.

Future Proof ★★★★★ Average The 6.6kW Solar System may not produce enough daily energy in the cooler/wintery months to charge a Tesla Battery. However in the hotter months will be sufficient. See our Tesla Fact Sheet for details.