



Greener and smarter future for a family in Kellyville NSW

How Smart Energy Answers (SEA) helped a family gain energy independence

Building a SMART Home

With the vast amount of brands and products available on the market, investing in solar can be an overwhelming experience for any residential owner.

Andrew Gray and his family live in a double-storey home in Kellyville, NSW. They have four bedrooms, internal laundry, pool and an outdoor entertainment area. Andrew needed a sustainable solution which could help his family significantly reduce their utility bills and transition to cleaner energy. SEA designed a complete solution incorporating panels, batteries, an inverter as well as a pool heat pump. Here's how SEA helped build an energy-efficient home for Andrew.

The Challenge

After previously living in a solar-powered home, Andrew was shocked when he started to receive large bills for their new family home. As his family had positive experiences living with solar, they decided to make that switch again to cleaner energy. However, this time, they needed a solution which could incorporate solar pool heating for his new property.

"I approached three different companies in my search; for a solution; however, SEA was the only one that could come up with a complete solution which included pool heating. I would have had to arrange this myself which would have made the process more daunting," Andrew says.

Andrew was also seeking a provider with experience installing Tesla Powerwalls and who could provide a detailed explanation of how to design the solar system to incorporate these products.

About the Installation

- **Location:** Kellyville, NSW
- **Solar Panels:** 36 x LG Neon 2 350W (12.6kW)
- **Batteries:** 2 x Tesla Powerwalls (27kWh)
- **Inverter:** SolarEdge 10kW HD Inverter
- **Pool Heat Pump:** 26kW Madimack Elite Silent Series

Why Smart Energy Answers?

- Fully integrated solution with pool heat pump
- Certified Tesla Powerwall installers
- Authorised dealers of LG, SolarEdge and Madimack
- CEC Approved Solar Retailer



The Solution

SEA provided an ideal solution to help Andrew make his home more energy-efficient. We installed the latest panel technology from LG, as well as the SolarEdge inverter due to the user-friendly interface through wifi. Both products have extended warranties for his peace of mind.

The complete solar solution would enable the Tesla Powerwalls to be charged and at the same time run the ducted air during the day, along with the pool heat pump. SEA also provided options for the pool heat pumps which could use the energy generated from the panels during the day and be cost-effective during winter - if it needs to draw power from the grid.



I had a very positive experience with SEA. From the initial consultation, through to the positioning of the panels, batteries, heat pump, overall care and consideration with the installation (particularly using rigid conduit so that my dogs wouldn't be able to chew through it). The follow-up also ensured I was kept informed and part of the whole process from start to finish.

The Results

Since investing in a solar power system, Andrew has been able to cut his costs significantly. The new system perfectly combines comfort, performance and efficiency enabling Andrew and his family to:

- ◇ Send back 601 kWh of excess energy to the grid in November and 505 kWh in December last year, providing him with instant credit on his first bill.
- ◇ Enjoy a rejuvenating and relaxing swim all year round despite the absence of heat and sunshine.
- ◇ Keep cool during summer via their solar-powered air-conditioner.
- ◇ Have the peace of mind knowing they have blackout protection as part of their battery system.
- ◇ To be fully equipped so they can independently live off the energy generated from the solar panel system.

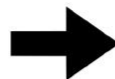


Bills Comparison - before vs after installing the 'Smart' Solution
\$421.71 savings
 on the highest monthly bill

Bill period: 1 Dec 2018 to 30 Dec 2018 (30 days)

Bill period: 1 Dec 2019 to 30 Dec 2019 (30 days)

Your bill overview.	
Balance brought forward	\$27.20cr
+	
New charges	\$401.57
=	
Direct Debit amount	\$374.37
Direct Debit date	21 Jan 2019
Please ensure you have sufficient funds available by the Direct Debit date to avoid additional charges.	
Thank you.	



Your bill overview.	
Balance brought forward	\$128.11cr
+	
New charges	\$47.34cr
=	
Account balance	\$175.45cr
Payment not required. Your credit will be carried forward to your next bill.	
Thank you.	

Start your solar journey today

T. 1300 732 679

E. info@smartenergyanswers.com.au

Visit www.productreview.com.au to see what others have to say about Smart Energy Answers