



## Record Industrial installation to achieve short-term results and long-term goals

V&N Glass chooses Smart Energy Answers to implement a record 505kW Solar Power Installation with the latest technology in the market: LG Panels and SolarEdge inverters and optimizers.

### Reducing costs through sustainable power

V&N Glass is Sydney's leading glass processor and decorative glass supplier. The business custom cuts and processes all types of glass where heavy machinery running, which creates extremely high electricity bills.

V&N approached Smart Energy Answers (SEA) to develop a high-quality system for their Wetherill Park factory to offset the electricity cost as much as we could. To support V&N, SEA came up with an undeniably high-quality solution, providing the best technology available in today's market - LG NeON 2 panels matched to SolarEdge inverters and optimisers.

SEA was carefully vetted against ten other solar providers. We were awarded the project based on our value for money, leading technologies, long-term warranties, and our proven and extensive commercial installation experience. SEA dedicated extensive hours to ensure that every detail of V&N's vision was considered. The client has already decreased its reliance on the electricity grid by 60% enjoying the short-term results and it is ready for V&N's long-term goals.

### About the Installation

- **Location:** Wetherill Park (NSW)
- **Solar Panels:** 1,204 x LG Neon 2 415W modules
- **Inverter:** 5 x SolarEdge 82.8kW inverters with 602 power optimisers

### The Challenge

- To offset the huge daily electricity cost as much as possible
- To partner with a provider with quality tradesman and extensive experience in the industry
- To implement a sustainable solution able to produce short-term results and secure savings in the decades to come.

### Why Smart Energy Answers?

- Leading solar provider in Australia
- Authorised dealer of LG
- CEC Approved Solar Retailer
- Combined 100 years' of experience in the solar industry

### The Solution

- All materials have been carefully selected for their embodied energy, warranties, and reuse opportunities.
- The building will be energy positive with x1,204 (415 W) LG NeON® R modules which brings their total PV capacity to 499.66 kW.
- The solar system solution features 5x 82.8 kW SolarEdge inverters with Synergy technology and 602x P800 panel power optimisers for optimal performance and monitoring.

### The Result

- Undeniably high-quality solution providing the best technology available and sustainable results
- Decrease reliance on the electricity grid by 60%
- Estimated savings of \$2.5 million with ROI of 12%.



**Start your solar journey today**

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