



SOLAR AND BEYOND

SOLAR GALAXY CAPABILITY STATEMENT

2023 TOP INSTALLER

In 2023 SolarGalaxy claimed top rankings across **NSW and Australia**.



| | | |
|---|---|---|
|  |  |  |
|  |  |  |
|  | |  |



A TRUSTED BUSINESS

"Solar Galaxy is a fantastic business - and I look forward to working with them to help ease rising energy costs while driving innovative sustainability practices in NSW"

- **Hugh McDermott,**

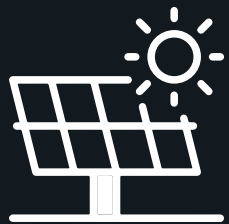
Elected State Member for Prospect / Parliamentary Secretary to the Attorney General of NSW

FORTUNE 500 COMPANY CASE STUDY



FRESENIUS MEDICAL CARE AUSTRALIA

Solar Galaxy's dedicated Engineer's and Energy Analyst's designed a system producing more energy than the factory facility is currently using, allowing Fresenius to contribute clean energy back to the grid or choose to expand their operations with \$3.6million in lifetime system savings. These significant savings can then be utilised for the life changing work that Fresenius does across their 4000 clinics specialising in aiding patients with kidney disease. Solar Galaxy's in-house energy brokerage also saw revised energy rates deliver a \$9000 bill down from \$40,000 in the first month.



PROJECT CAPACITY

290KW CAPACITY
537 RISEN 540W SOLAR PANELS
4 SUNGROW INVERTERS



ENVIRONMENTAL BENEFITS

64,871 TREES PLANTED
7,222 LONG HAUL FLIGHTS AVOIDED
10,090,550 CAR KM'S AVOIDED
342 TONNES OF CO2 AVOIDED PER YEAR

PROJECT PERFORMANCE

65% OF ENERGY NEEDS GENERATED BY SOLAR
84% OF ENERGY FOR SELF CONSUMPTION
52% REDUCTION IN EMISSIONS

\$150,000+ ANNUAL SAVINGS
\$3.6 MILLION+ LIFE TIME SAVINGS

52.6% RATE OF RETURN ON INVESTMENT
2.1 YEARS PAYBACK

OUR PHILOSOPHY

WE CAME. WE SAW. WE CHANGED.

SolarGalaxy is Australia's first, and only, full-circle solutions based retailer.

We have become one of the fastest growing solar retailers because we are redefining the way our retailers install solar, making us one of the most trusted in the market.

We're a solutions based service provider, which means we're not here to sell cookie-cutter solar systems. When you engage Solar Galaxy we analyse your project needs from beginning to end. We're your energy analysts, project managers, consultants, engineers, installers and long-term partners. We advise on dynamic systems which are going to future-proof your energy consumption and will grow with you over the next decade.

Because we're here for the long-run, we continue to monitor each and every system we install in-house and we remain your number one touch point for all things solar, even years down the line. We're so confident in our work we offer a work-manship warranty above industry standard and we have one of the fastest installation turnarounds on the market.



TEAM POWER

"WE ARE SOLAR GALAXY"

"Our team of engineers, data analysts and energy experts work together to deliver specially designed energy efficient systems for smart businesses of all scales across the country".

SOLAR AND BEYOND



SMALL AND LARGE
SCALE SOLUTIONS



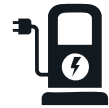
ENERGY
BROKERAGE



STC / LGC
TRADING



ENERGY
MODELLING



EV
CHARGING



PROJECT
MANAGEMENT



ENGINEERING
ANALYSIS



LOW AND HIGH
VOLTAGE PROJECTS



STORAGE
SOLUTIONS

CAPABILITIES

Through sophisticated engineering and delivery processes we are capable of building high performance energy assets with long lasting environmental and economic benefits.

Installation, Compliance, And Safety

- **Legislative Compliance**

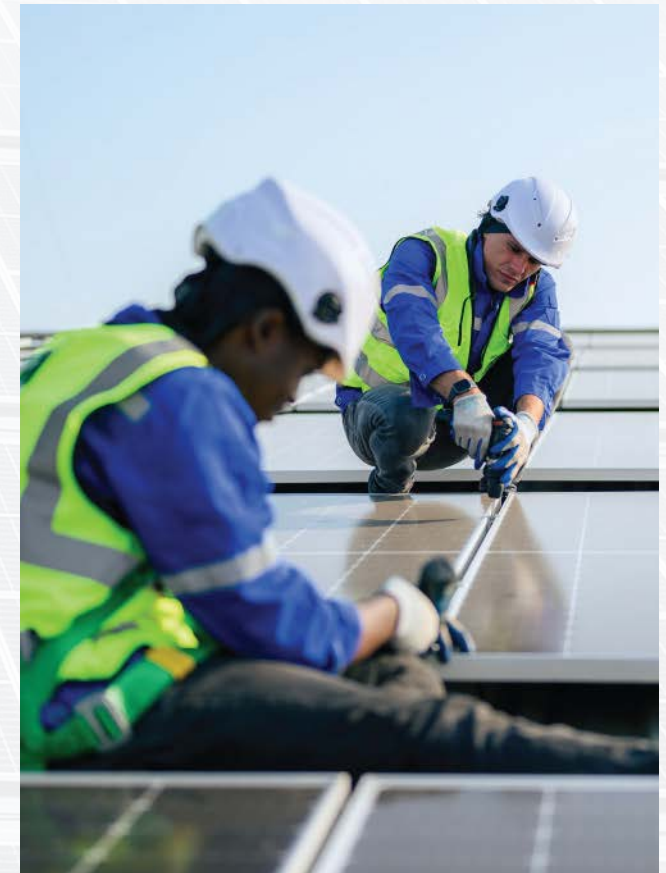
Our solutions are built in accordance with and operate under Australian standards for electrical and PV installations. Our projects are further enhanced by the skills and expertise of our CEC Accredited project managers and delivery team within these standards.

- **Installation Team**

Our installation team are carefully selected for their high-quality skill sets and capabilities and are onboarded through a comprehensive selection and induction program with an emphasis on safety and compliance.

- **Procurement And Product**

Our installation team are carefully selected for their high-quality skill sets and capabilities and are onboarded through a comprehensive selection and induction program with an emphasis on safety and compliance.





CAPABILITIES

Energy Analysis, System Design, Project Management

● Energy Analysis

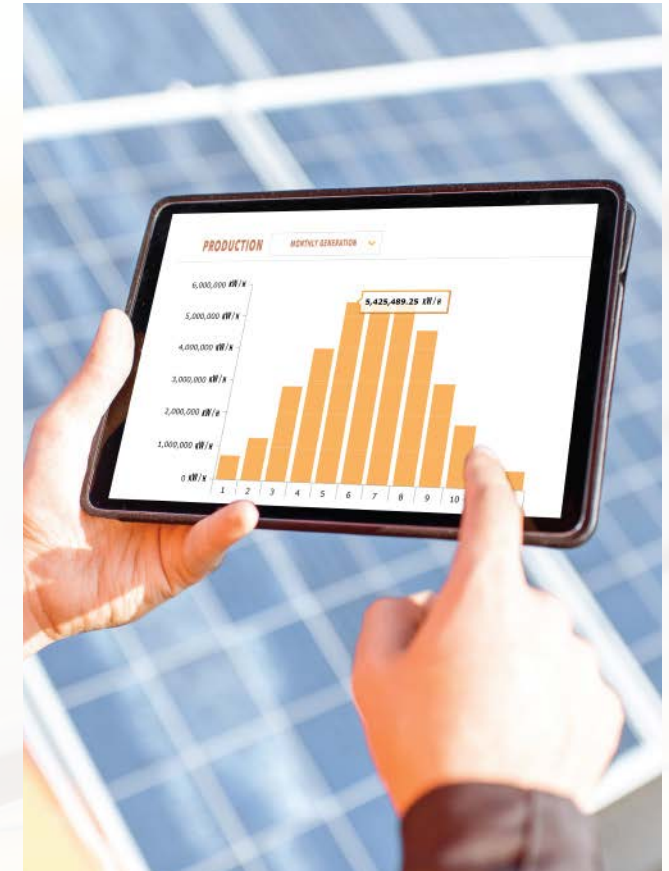
Our in-house team of analysts produce highly sophisticated modelling of your sites energy behaviours and costs. Through a combination of grid-consumption, peak demand events, power factor, interval specific data and geographical factors our team delivers on specifically tailored solutions modelled around your data..

● Solar Design

To deliver the most feasible systems on the market we take an in-depth approach through site inspections and talking to those at the forefront of business operations so we can visually understand the consumption habits and future needs of the business. This way we are able to craft a solar feasibility report to present power generation, financial and environmental benefits of the proposed system to empower our customers in making the most feasible business decisions.

● Project Management

Solar Galaxy ensures a structural engineering assessment of the site is performed prior to any installation commencing. We also understand all the regulatory requirements and applications needed to install systems like this with councils and regulatory energy bodies. This is why we handle all of this on your behalf.





CAPABILITIES

We deliver systems that are constructed from the most premium of products and materials, are safe and durable and achieve optimal performance for decades to come.

Engineering, Quality Assurance, System Monitoring

● Structural Engineering

Solar Galaxy acquires a certificate of structural assessment before all large scale installations. We assess the most efficient way to install based on site structure and existing infrastructure. Non-penetrative and penetrative methods of installation are available and assessed for each roof-type.

● Electrical Engineering

Before every installation Solar Galaxy attends initial site visits with our head engineers and lead installers who are CEC accredited to assess integration of the solar system with existing electrical infrastructure. We adhere to all electrical compliances and standards.

● Quality Assurance

Every project is commissioned once our project head signs off on the install. Adding an extra layer of accountability and quality assurance to every project. Every project is commissioned with our SG Manual. This is a record of all product, safety and quality checks throughout the project which we hand over to the client.

● System Auditing

Our in-house analysts will continue to monitor the system long after your install and assess how well the system is meeting your needs and where there may be an opportunity for expansion in future. Where a storage solution makes operational sense, but is not financially feasible our Service Team will monitor tariffs, cost of product and notify the client when it does make sense.

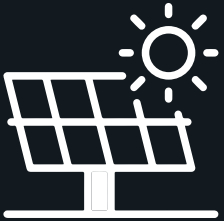


CASE STUDY

LEADING GLOBAL BIOTECHNOLOGY PROVIDER

AUSDIAGNOSTICS/R-BIOPHARM AUSTRALIA

Solar Galaxy designed, constructed and installed a feasible energy system for this leading international company that designs, manufactures and markets a comprehensive suite of multiplexing molecular diagnostic assays and reagents.



PROJECT CAPACITY

- 156 KW CAPACITY
- 376 TW SOLAR 415W PANELS
- 4 SUNGROW INVERTERS



PROJECT PERFORMANCE

- 90% REDUCTION IN GRID CONSUMPTION
- \$50,000+ ANNUAL SAVINGS
- \$1.5 MILLION+ LIFE TIME SAVINGS

PV SOLUTIONS

We are committed to delivering on quality and performance. At SolarGalaxy quality perseveres in the carefully chosen products selected for our custom designed systems and the way these systems are monitored and maintained for decades to come.

- **SG System Protection**

Because we're so confident in our work we provide a personal guarantee of a five years warranty on us, in addition to the manufacturer's product warranty. Unlike our competitors we monitor your system and remain your warranty touch point for the lifetime of the system. Our in-house team will continue to ensure your system is achieving its performance benchmarks to ensure the best return on your investment.

- **Rooftop**

You can transform your roof space into an energy asset. This is the simplest, most economical form of solar installation with little to no disruption to business operation. Our team has installed over 3000 rooftop solar systems across Australia.

- **Ground Mount**

When a business has ample land or unsuitable roof space, ground mounted solar systems are an ideal solution to turn an unusable piece of land into an energy source. Ground mounted solar systems are easier to operate and maintain, providing efficiencies at larger scales.

- **Car Shades**

Solar shades are quickly becoming the most functional extensions of solar for sites with large car park spaces. Solar car shades out-last other forms of car shade structures whilst delivering energy to adjacent buildings

- **Building Integrated**

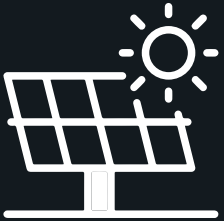
Where architectural design meets solar energy efficiency. Solar modules are built from high strength glass and can offer themselves as efficient replacements for roof structures and finishing materials.

CASE STUDY

297 KW ROOFTOP SOLAR CARPORT

MORTDALE PLAZA ROOFTOP SOLAR CARPORT

Solar Galaxy designed, constructed and installed a feasible energy system for this leading international company that designs, manufactures and markets a comprehensive suite of multiplexing molecular diagnostic assays and reagents.



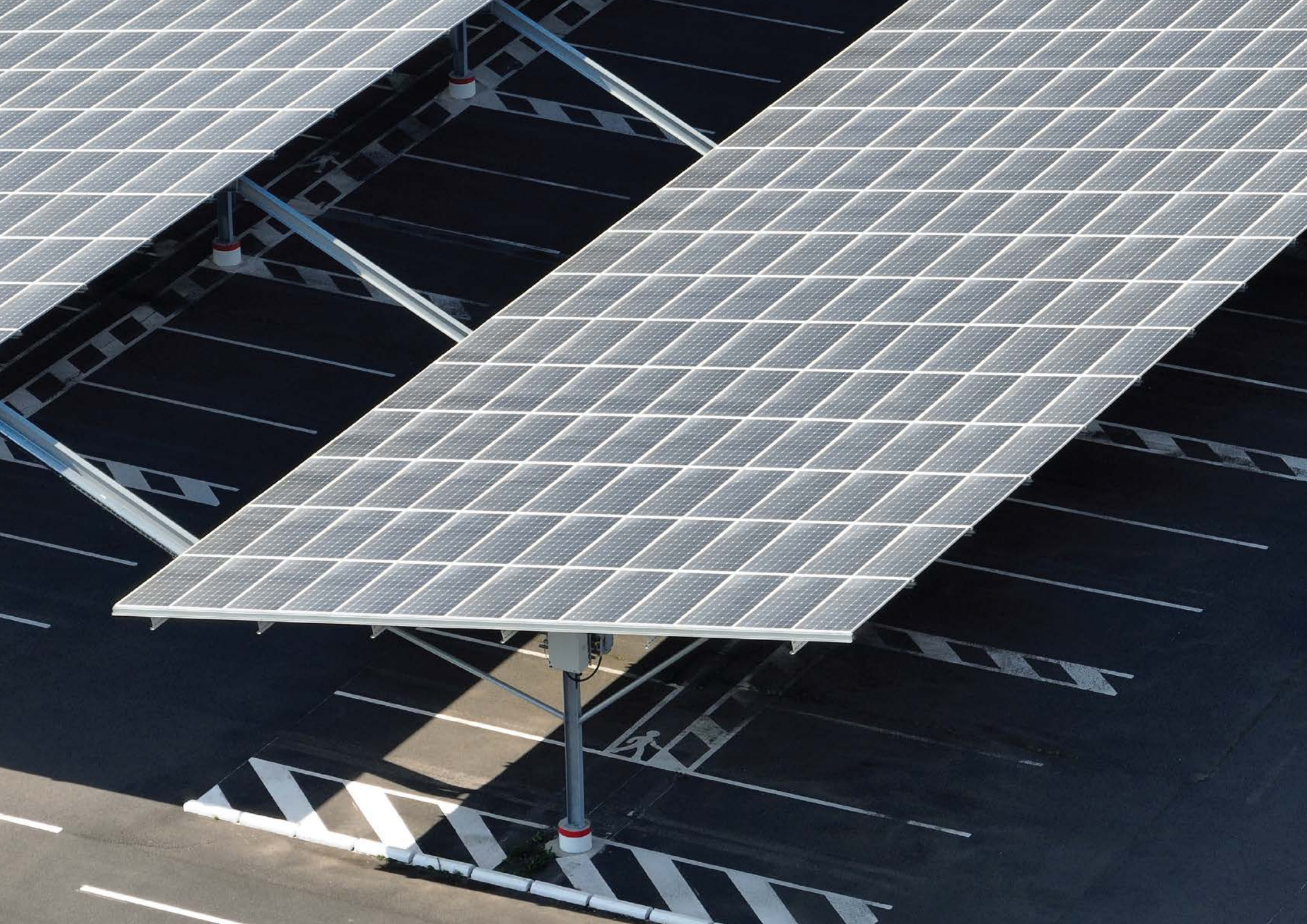
PROJECT CAPACITY

- 297 KW CAPACITY
- 625 SUNPOWER 475W PANELS
- 2 X SMA INVERTERS



PROJECT PERFORMANCE

- 50% REDUCTION IN CO2
- \$100,000+ IN ANNUAL SAVINGS
- \$3 MILLION+ LIFE TIME SAVINGS



STORAGE SOLUTIONS

Storage and Battery solutions are an exceptional way to increase the reward of investing in solar. Our team has experience in AC and DC solutions across all manufacturers.

● GRID-CONNECTED

All PV systems that are designed and commissioned by our team are battery ready, now and for the future. So adding a storage component to an existing grid-connected solar system is easy when it makes sense to you.

■ Night Time Operations

- Store day-time solar to be used at night when consumption is greater and energy rates are higher.

■ Peak Demand Management

- Charge your solar battery at times when solar is cheapest and utilise this power for later during peak-demand times or when the sun isn't shining!

● OFF-GRID

Our team are experts in designing and installing off-grid systems for our rural customers. Without grid-connected electricity, the customer must bear the cost of connection and all associated ongoing costs, making off-grid solar and battery systems extremely feasible. The SG team is versed in consulting, designing and installing these systems.

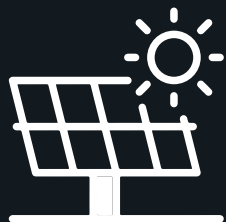
CASE STUDY

100 KW SOLAR + 280KW BATTERY SOLUTION



COPPERTREE FARMS BUTTER FACTORY

Solar Galaxy designed, constructed and installed a state of the art system involving 100kW of PV Panels, 100kW Inverter Capacity and 280kW Evo Power Battery Storage for Copper Tree Farms. Copper Tree is the most premium manufacturer and wholesaler of meat and dairy products for tier one fine-dining and famously acclaimed restaurants and hospitality groups across the country.



PROJECT CAPACITY

- 156 KW CAPACITY
- 376 TW SOLAR 415W PANELS
- 4 SUNGROW INVERTERS



PROJECT PERFORMANCE

- 90% REDUCTION IN GRID CONSUMPTION
- \$50,000+ ANNUAL SAVINGS
- \$1.5 MILLION+ LIFE TIME SAVINGS

END TO END SOLUTIONS

- **EV Solutions**

We enable electric mobility with turnkey EV charging solutions. From AC Chargers to large scale and fast-charging DC chargers. We can accommodate charging fleets, public charging stations, private and public commercial charge points as well as retail shopping centres, schools and workplaces.

- **Turnkey Solutions**

Solar Galaxy goes above and beyond in delivering ready to use turnkey solutions. Our expertise in power savings doesn't end at the commissioning of PV and Storage solutions.

- **Embedded Networks**

We can provide embedded networks for apartment blocks, office buildings and shopping centres. By aggregating usage of all individual units within the development and incorporating an embedded network, an opportunity exists for the site's owner to gain access to the wholesale energy market for a bulk electricity purchase.

- **Power Factor Correction**

Power Factor Correction (PFC) aims to improve power quality, utilising capacitors to offset usually inductive loads. PFC systems increase the efficiency of power supply, delivering immediate cost savings on electricity.

- **Energy Tariff Analysis**

Our in-house team can analyse and advise on energy tariffs and rates to assist our clients in negotiating and achieving their goals.



SOLAR AND BEYOND

 SOLAR GALAXY PTY LTD

 1300 339 596

 INFO@SOLARGALAXY.COM.AU

Perth

Brisbane

Sydney

Adelaide

Melbourne