



# CAPABILITIES STATEMENT

SOLAR+ Projects



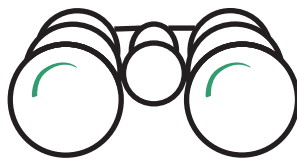
## COMPANY OVERVIEW

Green Gold Energy is a company providing **turnkey solutions** for **Solar+** Projects. We specialise in development, engineering, construction, operation and general contracting of the projects.



### VALUES

To achieve exceptional quality, innovation.



### VISION

To be a leader in the renewable energy sector, driving innovation and spearheading sustainable solutions worldwide.



### MISSION

To provide high-quality solutions that accelerate global decarbonization, leading the world towards a greener and sustainable future.



## CAPABILITES

Green Gold Energy actively works to provide **turnkey solutions** to a plethora of communities, from small business owners, to governments and large corporations. Up until now, more than 20 solar farms have been built across Australia and many are currently under construction.



**Solar+** Projects Consulting



**Solar+** Projects Development (Utility & Sub 5MW)



**Solar+** Projects Engineering, Procurement & Construction (EPC)



**Solar+** Projects Operation & Maintainance (O&M)



CER ESCOSA Registration & LGC Management



Assist in PPA & CGC Offtake

### EPC CAPABILITIES

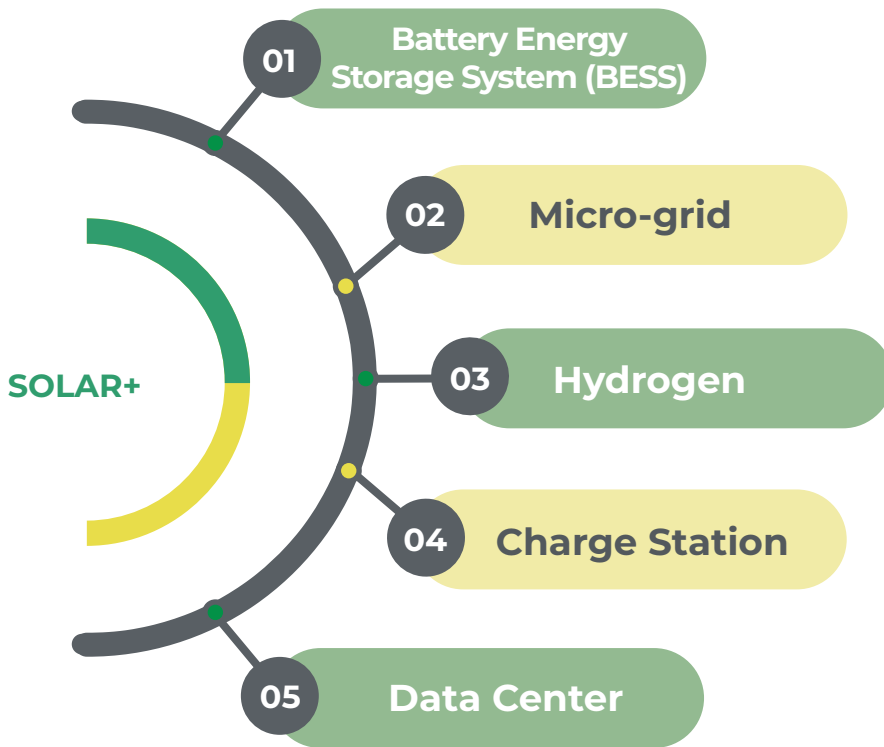
In 2018, we recruited our in-house team for Engineering, Procurement and Construction. We have expanded our footprint throughout Australia and commenced with projects in New South Wales, Victoria, and Queensland.

Green Gold Energy boasts overseas PV technology and enterprise management experience to ensure high-quality and comprehensive service. This wealth of knowledge and understanding has laid an unparalleled foundation for Green Gold Energy's development in the renewable EPC industry.

### PROJECT DEVELOPMENT

Green Gold Energy is partnering with landowners and investors to re-purpose land for large-scale Solar Farms and energy storage systems.

Our core business matches land titles of up to 40 acres with the necessary investment to build and implement commercially viable Solar Farms. Our solar farm projects are designed to export generated energy into the grid, enabling it to be sold on the National Electricity Market. We utilise the latest state-of-the-art PV technologies to ensure the most efficient, reliable power generation.



The **SOLAR+** projects are designed for renewable energy that combine solar power generation with **BESS, Micro-grid, Hydrogen, EV Charge Station and Data Center.**



## CONSTRUCTION & QUALITY ASSURANCE

At Green Gold Energy, we prioritize risk assessment and quality assurance to ensure that our clients receive outstanding service while adhering to current industry legislation. We have taken measures to ensure our building sites against potential risks such as fire damage, falling objects, wind damage, and usual wear and tear. Additionally, we have established a robust quality assurance program to maintain high standards of construction and operational excellence.

## IN-HOUSE TEAM

- Network study and site selection
- Grid connection application
- Development application
- Engineering design

### EPC (Engineering, Procurement, and Construction)

- Build-Operate-Transfer (BOT)- providing complete power station projects for investors
- System integration, completing the corresponding EPC overall management services according to clients' needs



## PORTFOLIO SHOWCASE



### **Kerta Solar Farm**

Commission Date: October 6, 2022

Developed, managed and fully EPC provided by Green Gold Energy, Mypolonga Solar Farm is a single-axis tracking project. The farm is located a few kilometres from Mypolonga in South Australia, Australia.

Installed Capacity: 4.95MW

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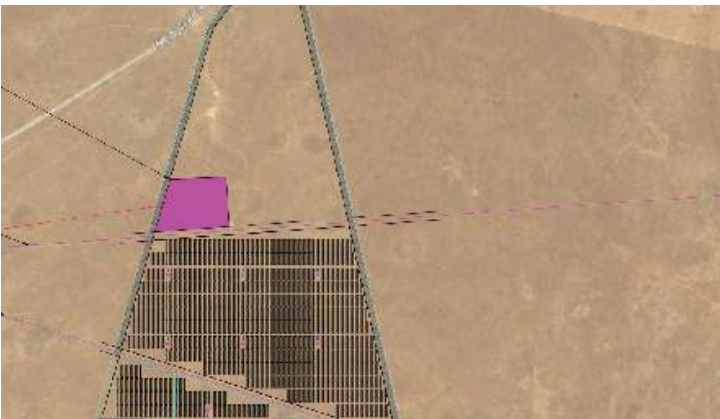
### **Loveday Solar BESS**

Commission Date: May 4, 2023

Green Gold Energy is partnered with Sun-grow to provide turnkey PV + liquid cooling DC coupled BESS solutions for this project, taking into consideration the specific site condition, client specific design and operation requirement.

Installed Capacity:  
2.2MW  
5.5MWh BESS

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### **Morgan Solar Farm**

Under development

The project consists of a large-scale solar photovoltaic generation facility, including battery storage upon request, with an estimated capacity of 108MW.

Installed Capacity:  
108MWac 135MWdc  
56MW 92MWh BESS

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### **Australia Plains Solar Project**

Under development

The project consists of a large-scale solar photovoltaic generation facility, including battery storage upon request, with an estimated capacity of 150MW.

Installed Capacity:  
150MWac 180MWdc  
200MW 400MWh BESS

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**Quality:** We prioritize exceptional standards in all our work, delivering reliable and efficient solar farms.



**Customer Satisfaction:** We provide comprehensive turnkey solutions, ensuring client success.



**Environmental Stewardship:** We actively contribute to global decarbonization efforts.



**Innovation:** We embrace cutting-edge technologies to maximize project performance.

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