



**FCAS SOLUTIONS**

EMPOWERING ENERGY TRANSITION WITH EXPERTISE

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TRANSITION WITH EXPERTISE



# COMPANY PROFILE BROCHURE



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EMPOWERING ENERGY TRANSITION WITH EXPERTISE

# COMPANY PROFILE

FCAS Solutions is a leading consulting and energy solutions provider in Australia, specializing in comprehensive support for renewable energy projects, including electricity trading, solar and battery farm design, operations and maintenance (O&M), managed commissioning, and regulatory consulting services. With the rapid development of Australia's power market and the growing demand for energy transition, FCAS Solutions identifies significant potential value in the imbalance between the contraction of traditional energy supply and the growth of renewable energy. Through innovative services such as electricity trading forecast management, electricity trading custodianship, LGC (Large-scale Generation Certificate) trading management, and Frequency Control Ancillary Services (FCAS).

The company helps clients gain a competitive edge in the complex future energy market, ensures maximum project economic viability and technical feasibility, positioning itself as the preferred partner for clean energy projects in Australia.



# CATALOGUE

## 01 Electricity Trading

- Electricity trading forecast management and electricity trading custody service
- Metering installation monitoring and data collection service
- FCAS trading and monitoring

## 02 Commercial & Industrial (C&I) Services

- System project quotation and tender document design
- Preliminary consulting services for c&i solar & battery system
- Commercial system design & application services
- Structural engineering certification services
- LGC trading management
- Operations and Maintenance (O&M) services

## 03 Utility Service for Solar & Battery Farms

- Preliminary consulting services for solar & battery farms
- DA and CA application services for solar & battery farms
- Solar & battery farm design
- Project construction monitoring and quality control
- Grid connection and commissioning services
- Operations and Maintenance (O&M) services
- LGC trading management



# ELECTRICITY TRADING SERVICES

## Electricity Trading Forecast Management Service

- High-precision forecasting
- Real-time monitoring ,market insights , and rapid response
- Tailored strategies
- Comprehensive custody service
- Transparent financial and performance reporting



## Metering Installation,Monitoring, and Data Collection Service

Metering installation and monitoring are essential parts of electricity trading, ensuring data accuracy and real-time availability. Through comprehensive data collection and analysis, clients can gain deeper insights into electricity usage patterns and further optimize their trading strategies.

## FCAS Trading and Monitoring

### Extensive Industry Experience

- Profound knowledge of electricity market rules
- Smoothly registering and efficiently entering the FCAS market

### Customized Optimization Solutions

Tailored FCAS bidding and optimization solutions

### Real-Time Monitoring and Data Analysis

### Multiple Market Participation Opportunities

- Optimizing assets for different FCAS services
- Enhancing the diversity and stability of the revenue

### Risk Management and Compliance Support

Avoid potential risks from frequency deviations or market dynamics changes



● **System Project Quotation and Tender Document Design**  
**Preliminary Consulting Services for C&I Solar & Battery System**  
**Commercial System Design & Application Services**

- Precise Energy Demand Assessment and Optimization
- Flexible Design and Construction Solutions
- Professional Approval Management and Coordination



● **Structural Engineering Certification Services**

- Highly Adaptable Structural Design
- Close Collaboration with Certification Agencies for Quick Approval
- Long-Term Structural Stability and Cost Optimization

● **LGC Trading Management**

- Optimizing trading strategies
- Customized trading strategies and market insights

● **Operations and Maintenance (O&M) Services**



Long-term stable operation



Equipment maintenance



Regular inspections



Real-time monitoring



Emergency response



Maximize the operational efficiency



# COMMERCIAL & INDUSTRIAL SERVICES

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# UTILITY SERVICES FOR SOLAR & BATTERY FARM

Provides comprehensive services from project initiation to full lifecycle support

## Preliminary Consulting Services for Solar & Battery Farms

- Comprehensive Site and Market Analysis
- Close Collaboration with Government Departments
- Environmental and Technical Feasibility Assessment

## Project Development and Grid Connection Application for Solar & Battery Farms

Quick and Efficient Document Preparation

Expertise in Environmental Impact Assessment

Comprehensive Project Management

Implementing advanced scheduling and monitoring systems



## Solar & Battery Farm Design



Intelligent Performance Modeling

01



Flexible Modular Design

02



Environmental and Regulatory Compliance

03

## Project Construction Mangement and Quality Control

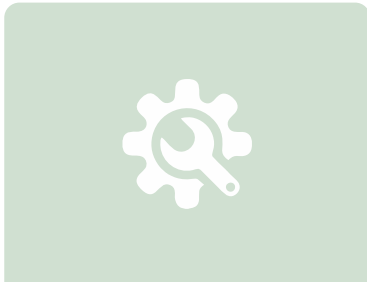
- Real-Time Progress Tracking
- Strict Quality Control
- Efficient Risk Management



● Grid Connection And Comiisioning Services



LV and HV system



R2 testing and regulation compliance



Comprehensive grid commissioning support



● Operations and Maintenance (O&M) Services

Ensure the long-term efficient and safe operation of assets.  
Our service highlights:

01

24/7 Monitoring and Fault Diagnosis

02

Preventive Maintenance and Regular Inspections

03

Emergency Repairs and Rapid Response

04

Detailed Performance Reporting and Analysis

05

Asset Management and Operational Optimization

06

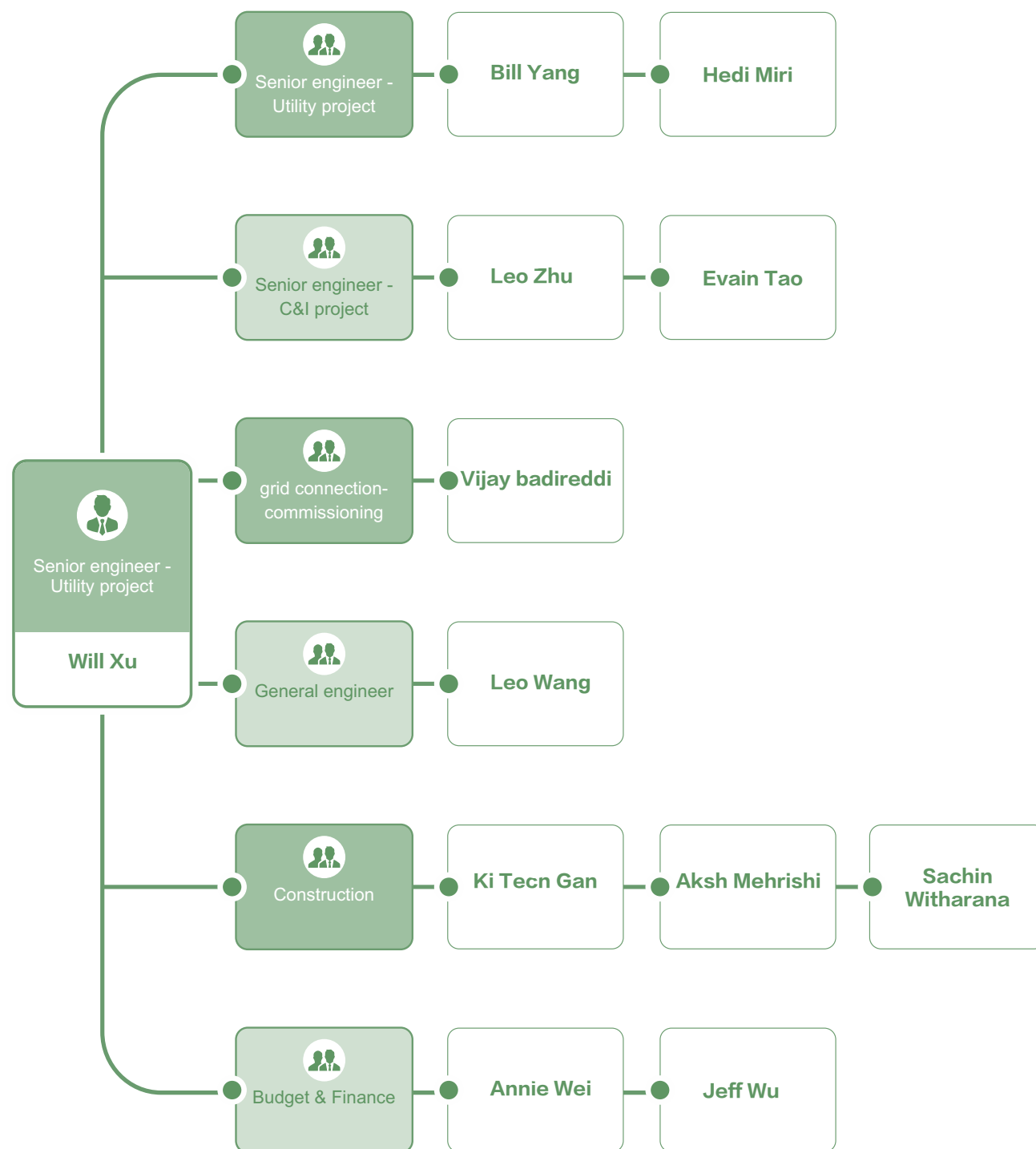
Transparent Financial and Performance Reporting

● LGC Trading Management

- In-Depth Market Analysis
- Flexible Trading Strategies
- Comprehensive Trading Support







# FCAS SOLUTIONS TEAM INTRODUCTION

The team at FCAS Solutions is composed of highly experienced professionals with deep expertise in power plant development, EPC (Engineering, Procurement, and Construction), C&I (Commercial & Industrial) project management, and electricity trading. Our team members have gained extensive experience throughout the entire project lifecycle, from initial planning to full operational management, making them well-equipped to handle power plant operations and renewable energy assets. Each team member has a specialized background in renewable energy or electrical engineering, ensuring a high level of professionalism, dedication, and accountability. In addition, our team possesses expertise in electricity trading, enabling us to develop flexible and effective trading strategies for our clients. With a broad network of connections within the industry, our team can access a wealth of resources and partnerships. This combination of technical skill, industry insight, and resourcefulness uniquely positions FCAS Solutions to provide exceptional, comprehensive support in renewable energy project development, management, and electricity trading.