



genevo

Thinking outside the grid™

Genevo Renewables - Capability Statement



# EXPERTISE

Genevo Renewables possesses a combined 20+ years experience of electrical/Solar PV, energy analysis and project management. Our team of Clean Energy Council (CEC) accredited Master electricians and qualified engineers are committed to a sustainable renewable energy sector and recognise that highest quality component selection, safety and consistently high levels of project delivery are integral to this. Genevo continues to provide ongoing services to local/state government, mining and private sectors. We are immensely proud of our 100% rate of customer return and believe it is the clearest testament to Genevo's long term industry experience and our company's philosophy of integrity, sustainability, exceptionally high standards of workmanship and ongoing service relationships.

Genevo's wealth of experience in designing renewable energy solutions includes Australia's first commercial battery system for Demand Charge Management (DCM) in partnership with TAFENSW. This project was featured nationally at the Australian Energy Storage Conference and our experienced team are regularly called upon to consult and present on renewable energy and storage systems integration.

We recognise, that every site offers a differing set of circumstances and therefore requires a unique set of solutions. Our policy of starting with in-depth site energy analysis and tailoring suitable solutions from stable component manufacturers with reliable and bankable warranties, ensures that our projects are completed within timeframes, budgets and to our exacting quality benchmarks.

# QUALITY MANAGEMENT

Quality Management forms an integral aspect of Genevo's daily operations and practices. Ensuring an effective QM program and continually aiming to exceed client expectations, is realised through ongoing appraisal & development of our QM practices/policies. Additionally, Genevo continues to keep abreast of technological developments in the rapidly evolving renewable energy space, to ensure that our clients are provided with optimal design/component offerings. Our strict adherence to CEC design and installation practices and relevant industry memberships, such as, the Master Electricians Association, CEC Approved Solar Retailer Program ensures that everyone of our solar PV/Energy storage installations exceed industry standard and importantly will be covered by manufacturers warranty in the event of defect. Genevo works every closely with our industry leading partners SunPower (solar panels) & SMA (inverters), undergoing regular training events to ensure comprehensive product knowledge.

## STANDARDS

All of our installations comply with and exceed:

- AS/NZS 3000 Electrical Wiring Rules
- AS/NZS 5033 Installation of photovoltaic (PV) arrays
- AS 1768 Lightning Protection
- AS/NZS 1170.2 Wind Loads
- AS 4777 Grid Connections of Energy Systems via Inverters

# SAFETY

Genevo Renewables views workplace health & safety as being of paramount importance. Genevo has developed and continually maintains an AS/NZS 4801 compliant, Work health & Safety Management System/Plan. Our employees undergo regular industry training events and our employees are subject to daily toolbox assessments at the outset of all of our projects.

# MEMBERSHIPS

- Clean Energy Council (CEC) accredited solar PV installer & designer
- CEC Approved Solar Retailer
- Master Electricians Member
- Australian Energy Storage Alliance
- Tesla Energy - Certified Installer
- SMA - Certified service technician
- SunPower Partner





# PROJECTS



**TWEED RIVER MARINE**

## Tweed River Marine

- 33kWp solar PV system
- 80 x 415W SunPower P3 Solar Modules & Fronius inverter
- Estimated annual savings \$15,400



**TWEED SAND  
BYPASSING**



## Tweed Sand Bypassing Facility (NSW/QLD Governments Joint initiative)

- 46kWp solar PV system
- 112 x 415W SunPower P3 Solar Modules + SMA inverters
- Estimated annual savings \$15,400





## Hill Street Apartments

### Coolangatta

- 5 x 2.7kWp + 1 x 4.2kWp solar PV systems
- 48 x 325W SunPower P3 Solar Modules + SMA inverters
- 1 x Tesla car charger
- Estimated annual savings \$6200



## *Cape Wategos*

### Private Holiday Home - Byron Bay

- 13.2kWp solar PV system + 2 x Tesla Powerwall energy storage systems
- 33 x 400W SunPower Maxeon Solar Modules + SMA inverters
- 2 x Tesla Powerwalls
- Estimated annual savings \$4000





## Blue Fattoria Farm Irrigation

- 99.6kWp solar PV system
- 240 x 415W SunPower P3 solar modules + Fronius inverters
- Estimated annual savings \$27,000



## Tweed River Marine stage 2

- 19.6kWp solar PV system
- 48 x 410W SunPower P3 solar modules + Fronius inverters
- Estimated annual savings \$6,000





#### Spring Grove Fresh Food Company - Casino

- 40kWp solar PV system
- 104 x 390W SunPower P3 Solar Modules + Solar Edge Inverters with optimisers
- Estimated annual savings \$16,400



#### Enova Energy Retailer Solar Garden - NCCH

- 35kWp solar PV system
- 100 x 350W LG Solar Modules & Solar Edge optimisers
- Estimated annual savings \$19,000





## Wollongbar TAFE Campus TAFE Campus

- 40kWp solar PV system
- SunTech solar modules + SMA and Enphase
- Estimated annual savings \$12,000



## Terranora POD off-grid teaching facility - TAFENSW

- 5.2 kWp solar PV system + proprietary Lithium ESS
- SunTech solar modules + 12kWh Lithium ESS





Education

### Bonalbo Central School

- 25 kWp Solar PV system
- Estimated annual savings \$8,000



### Kingscliff TAFE Campus

- Australia's first software enabled Lithium ion energy storage system
- Demand Charge Management
- Estimated annual savings \$8,000



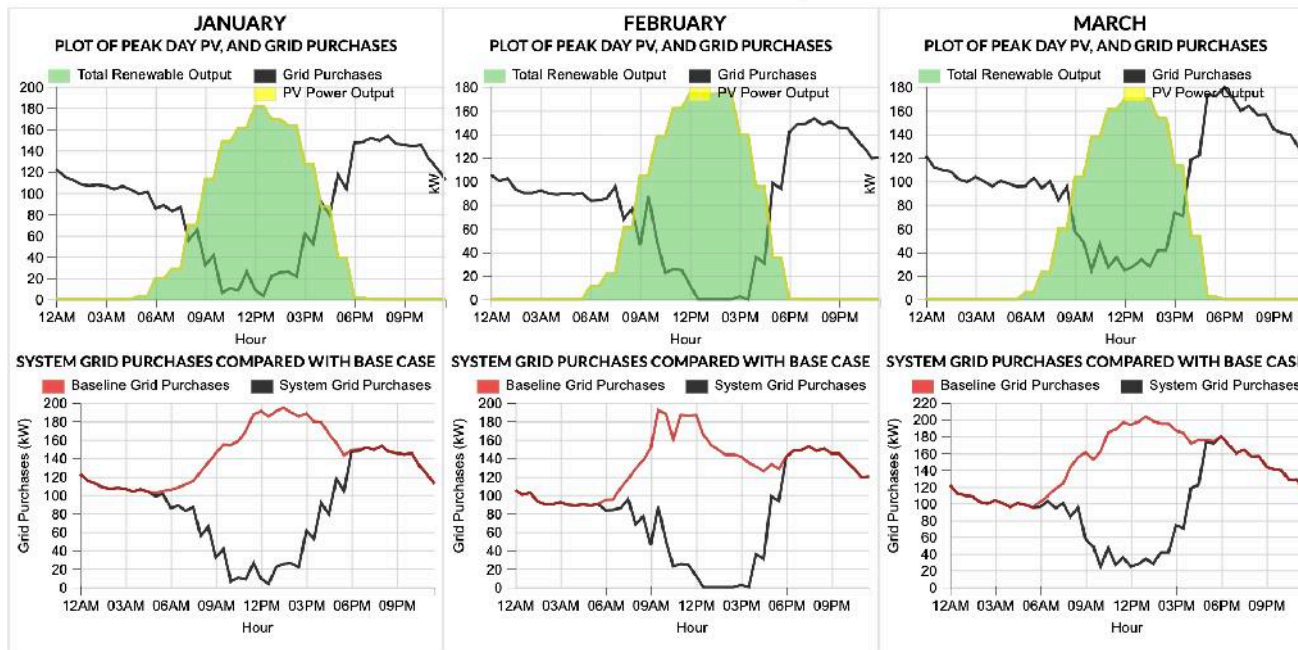


### Various TSC Buildings within Tweed Shire

- Kingscliff Library
- Kingscliff Pool
- Grey Street works Depot
- Murwillumbah Community Centre
- Health & Community Care (HACC)



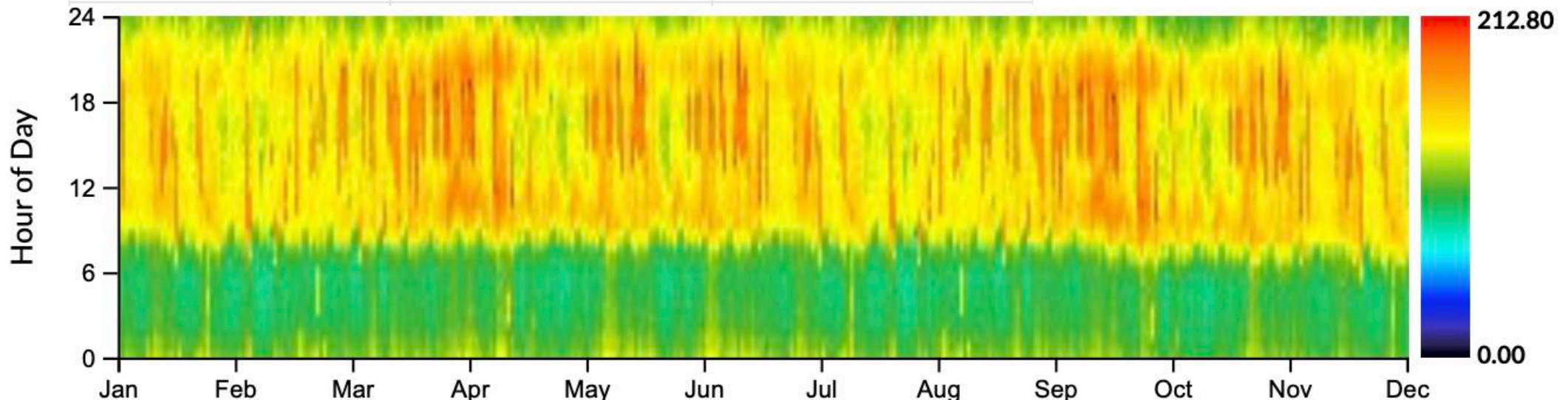
# ENERGY ANALYSIS



## Homer Grid™ site analysis

Genevo provides detailed site analysis utilising best in class energy analysis software tool Homer Grid™

- Detailed highly accurate site analysis
- Education campuses
- Hospitals
- Large C&I





# CONTACT

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