



DS ENERGY

COMPANY PROFILE



Introduction

DS Energy provides premier design, supply, installation and maintenance of solar and electrical products for public and private customers throughout Australia, New Zealand and the Pacific Islands.

Our team offers more than four decades of solar and electrical project development and delivery experience and is ready to take on work within the commercial, industrial or residential markets. DS Energy are committed to delivering the latest technologies and industry practices and include in its services project feasibility, project management, design, supply, installation, testing, commissioning and maintenance of solar systems.

As a business, DS Energy places great emphasis on the long-term partnerships and our relationships with clients; we pride ourselves on our ability to respond to your requirements in an efficient and cost-effective manner.

Here at DS Energy we offer a wide range of services including

- Project feasibility and economic analysis
- Solar design, supply and installation
- Solar testing and commissioning
- Post installation auditing and reports
- Maintenance and cleaning
- General and emergency lighting and power
- Testing and commissioning

We are an ISO accredited business and pride ourselves on the quality of our products and services.



Company Details

Address	U6 60 Allworth Street Northgate Qld 4013	
Business Owners	David Muir	Shane Kennedy
Contact Number	0402 967 966	0412 750 940
Email Address	david@dsenergy.com.au	shane@dsenergy.com.au
ABN	11 609 247 449	

Insurance and Licences

Public Liability	
Cover Level	\$20,000,000
Policy Number	01B4V/0416677
Expiry	09/05/2023
Work Cover	
Policy Number	WAD160390574
Expiry	30/09/2022
Electrical Contractors Licences	
QLD	80462 (exp 23/02/2023)
NSW	366297C (exp 26/08/2025)
NT	C 4203 (exp 28/04/2024)

Company History

Our business owners David Muir and Shane Kennedy have been developing and delivering solar projects since 2009. Together they have acquired a notable CV which includes clients such as the University of Queensland, CCA, Stockland, Queensland University of Technology, Queensland Government, Wide Bay Water, Masdar Energy etc.

In late 2015 when DS Energy was formed the pair set out to establish a services-based business which would deliver high quality installation services for the industry. This has since evolved into a business which is not only regarded as one of the best installation teams in the industry but also works closely with end clients to design, develop and deliver outstanding projects.

In 2022 DS Energy received ISO accreditation for our Integrated Management system across Quality, Environment and Safety.

The following is sample of some of our projects.

Supply and installation clients

- Goodman Property Group
- Queensland Fire Emergency Services
- Queensland Police
- Queensland University of Technology
- Stockland Newport Retirement Living
- Darling Downs Health
- Aquatic Achievers
- Southport Golf Club
- Woollams Construction
- CV Services
- Vaughn Construction
- Q Crete
- Darveniza Group
- Eastco Construction

Installation services (partners)

- Downer – (ACES QLD Schools program)
- Autonomous Energy
- Locality Energy and Planning
- Electrical Energy Savers

As a business we pride ourselves on the work we do in the community. We have 4 active community groups that we work with; UQ Junior Bullsharks, University of Queensland Rugby Academy, the Nerang Bulls and the Gamebred Academy Anti Bullying program.

Our process

Each project is different and while we are brand agnostic, we know which products and suppliers we can rely on to assist us in delivering high value projects for each of our clients.

Our process is not unique however we have evolved it over the past 12 years to ensure that we deliver the long-term benefits that a 25+ year asset should deliver. Key to this is ensuring that we find the nexus between the financial returns, technology, and product selections for **your** project.

Project Development

- Problem identification
- Economic and technical assessment
- Development of internal business case
- Approvals (internal and external)

Engineering and Procurement

- Detailed site assessments
- For construction designs and pricing
- Safety documentation
- Delivery program development
- Client sign off and final contract execution
- Procurement and inspection of goods

Project Delivery

- Onsite project management and reporting
- Construction
- Commissioning

Ongoing maintenance

- Annual inspection, cleaning and servicing

Our senior management are at the front of every major project we develop and deliver. We work closely with our clients to ensure that projects are delivered over and above expected levels. We pride ourselves on our reputation and the long-term relationships we have developed with each of our clients.

Our Team

We have identified and recruited an exceptional team of Engineers, Designers, Project Managers, Electricians and Solar Installers. As with the development of each client solution, when it comes to implementing projects it is important that we allocate the right team. Installing on a residential property is very different from installing on a major construction site so every care is taken to ensure we have the correct mix of skills delivering your project.

All our Project Managers hold their CEC licenses and Electrical Licenses, with all site staff licensed and white card checked. All our dedicated site project management teams are fully licensed and trained first-aiders.

Each of our projects is managed by a member of our experienced management team. All contracts are managed using our specialised Simpro and Safeworkpro software programs and administered by our trained personnel who are led by our key Project Managers.

Administration of our business is led by a highly qualified team of professional personnel who have delivered some of the country's largest and technically challenging projects.

Client – Southport Golf Club

The Southport Golf engaged DS Energy to design and install a 99.9kW Solar Installation on the roof of their clubhouse in December 2020. The installation took 4 weeks to complete with the team working in and around the members and guests at the club and the function centre.



- 99.9kW consisting of 270 LG Mono X panels and 82.8kW SolarEdge Inverter



Client – Downer (ACES Program)

DS Energy was engaged by Downer EDI as part of the ACES QLD Schools program (Phase 2). Across a 5 month period DS Energy installed in excess of 1.5MW across 13 schools in the Brisbane region.

- Mitchelton SS
- Wavell Heights SS
- Everton Park SS
- Craigslea SS
- Wondall Heights SS
- Kenmore SHS
- Indooroopilly SS
- Ironside SS
- Sandgate District SHS
- Earnshaw State College
- Springfield Lakes State School
- Craigslea State High School
- Calamvale Community College



Client – Queensland University of Technology

“QUT’s vision is to move to a low carbon future and reduce activities that result in greenhouse gases emissions. Sustainability and the Environment, one of the high-level priorities in the University’s strategic plan ‘Blueprint 6’, reflects our ongoing commitment.”¹



DS commissioned three new systems for QUT in 2020 / 2021:

- 99.9kW on C Block consisting of 259, 385W Canadian Solar panels
- 80kW on B Block consisting of 254, 315W Canadian Solar panels



¹ <https://www.qut.edu.au/>

Client – Eastco

Eastco Homes and Construction recently relocated into their new facility in Brendale on the northside of Brisbane. As part of their strategic review of operations and underlying business expenses they engaged DS Energy to design and develop a system to meet their requirements.



In June 2020, DS Energy delivered a 66kW installation utilising 200 330W Phono Panels and the Fimer 50kW Inverter.

Commissioned June 2020

Phono[®] Solar **FIMER**
SHARE THE SUN, POWER THE FUTURE!

Client – SLRV

SLRV is a specialised Expedition Vehicle / 4x4 Motorhome manufacturer. Built to conquer any terrain, SLRV expedition vehicles provide a self-sufficient and luxurious means to explore the world.



All vehicles are handmade by skilled craftsmen, with a focus on attention to detail and meeting specific customer requirements. Vehicles are under continuous development to include the latest technologies and systems for remote exploration.

In June 2020, SLRV engaged DS Energy to design and deliver a 36.6kW Solar installation to offset the load at their manufacturing facility. The installation consists of 110, 330W Phono panels, a 20kW Fronius and a 10kW Fronius.



Client – StorMart Self Storage



Stormart Self Storage has been locally owned and operated in the Brisbane area since 1989. Over this time, they have seen many changes to the industry and have renovated and built new facilities to accommodate their customers needs.

DS Energy were commissioned in August 2020 to install a 52.8kW system on 10-degree tilts. The system utilises 160, 330W Phono Panels with a Fimer 50kW inverter.



QANTAS MUSEUM

Installation of 82kW solar system on the award winning, world-class Museum and cultural display in Longreach began in 2015.



The installation was completed over three months and comprised of 318 Trina solar panels with 3 ABB inverters. Installed on the Museum roof utilising Clenergy rail, the installation can be seen to great advantage from above.

Commissioned in 2016.



Client – Australian Stockmans Hall of Fame

Situated in Queensland's Central Western town of Longreach, the installation on the museums stunningly constructed timber, stone and corrugated iron building offered many challenges that only an installation in outback Queensland can dish out.



With temperatures reaching over 45 degrees the team installed over 350 panels over four weeks. Utilising the existing steel structure located on the north of the building

The sourced high-quality Trina panels and ABB PowerOne 27.6kW inverters the system was installed on a Sunlock mounting structure and monitored the system with ABB.

Commissioned in 2016

As part of the Stockman's Hall of Fame 5-million-dollar upgrade in 2016, stadium lighting was installed in the main arena and lighting and electronics upgraded in the main building. Involving new lighting fixtures in display cabinets and retail area.



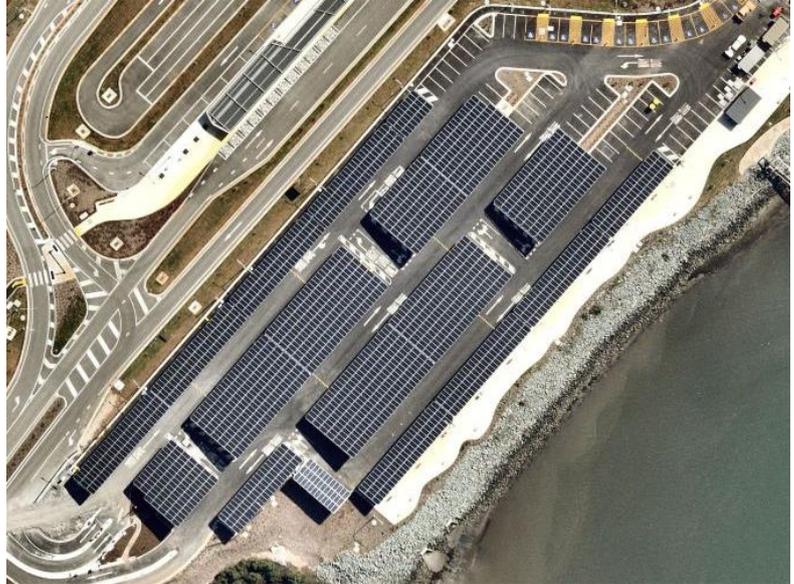
Trinasolar **FIMER**

Client – Autonomous Energy

Site: New Cruise Ship Terminal, Port of Brisbane

In 2020 DS Energy were engaged to install 790kW by Autonomous Energy on custom designed carpark structures at the new Cruise Ship Terminal at the Port of Brisbane. The installation was part of a larger development being undertaken by the Port of Brisbane.

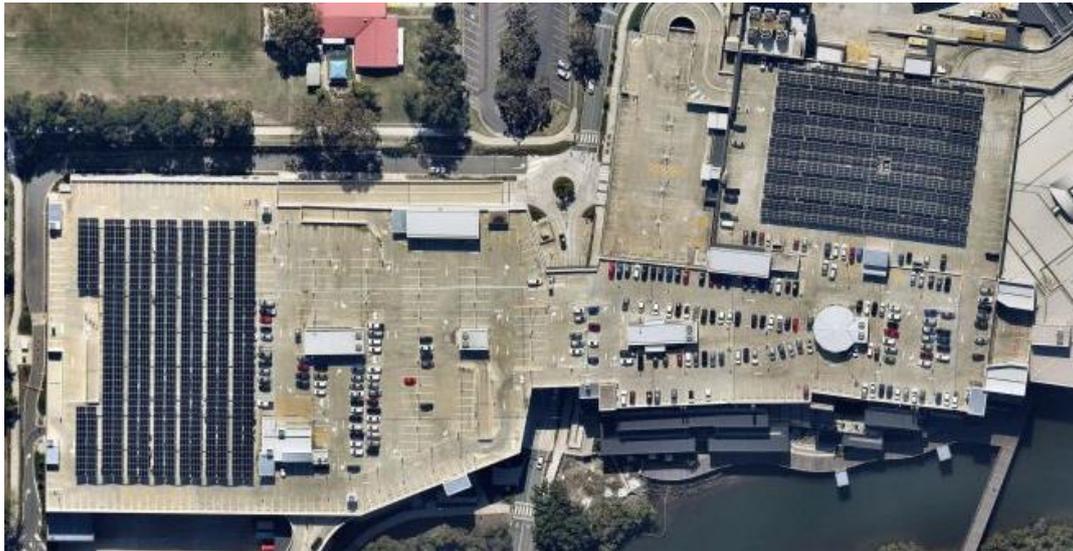
The solar structures will offer a shaded parking option for 230 vehicles while passengers are enjoying their cruise. It will also provide significant renewable energy for PBPL, generating around 1,300MW of power each year - the equivalent of powering around 106 homes.



Site: Sunshine Plaza, Maroochydore

In 2018 DS Energy were engaged to install 1.05 MW by Autonomous Energy on the roof of the Sunshine Plaza at Maroochydore. The installation was part of a larger upgrade to the shopping centre by the owner, Lend Lease.

The solar arrays comprised of over 2,500 LG bifacial solar panels on two separate car park structures. The new solar shading structures cover nearly 300 individual car parking spaces on the top floor of the multi storey car park.



Installed over a six month period, the team delivered a quality installation while working on a highly operational site, there were strict WH&S requirements that had to be adhered to from both Autonomous and the owners Lend Lease.

Commissioned February 2019



Site: Westfield Shopping Centre, Coomera

In 2018 DS Energy were engaged by Autonomous Energy to install 2.28MW of solar as part of the Scentre Group Shopping construction program.

The solar arrays comprised the installation of nearly 6,000 SolarEdge optimisers and Sunpower panels over much of the shopping centres roof top and the installation of the increasingly popular carpark gull wings.



Installed over a six month period, the team delivered a quality installation while

working on a highly operational site, there were strict WH&S requirements that had to be adhered to from both Autonomous and construction manager, Scentre Group. As a result, although crane lifting was permitted, at some locations staff had to carry equipment to the roof.

Commissioned August 2018



Site: My Centre, Nerang

In 2020 DS Energy were engaged by Autonomous Energy to install 800kW of solar as part of a broader shopping centre upgrade program at the My Centre Nerang on the Gold Coast.

The solar arrays comprised the installation of 1,358 SolarEdge optimisers and LG Bifacial panels over much of the shopping centres roof.

Installed over a three month period, the team delivered a quality installation while working on a highly operational site.

Commissioned August 2020



Client – Infinite Energy

In 2019, DS Energy team installed a 799kW system on the site of Metagenics at Northgate as installation partner for Infinite Energy. The installation was undertaken over a two month period and delivered fully integrated solar system maximising all available roof space.

The solar arrays comprised the installation of nearly 2,000 SunPower panels over much of the building roof top. Installed were 980 SolarEdge optimisers to increase energy output from the PV systems by constantly tracking the maximum power point of each panel individually. The power optimisers monitor the performance of each panel and communicate performance data to the SolarEdge monitoring platform for enhanced, cost-effective panel-level maintenance.



Installed over a two month period, the team delivered a quality installation while working on an operational site, strict WH&S requirements were adhered set by Infinite and facility manager

Commissioned August 2019



Client – Solgen

Work commenced on the 1.56MegaWatt solar system at the Brisbane Markets situated in Rocklea, Brisbane in late 2016.

The team worked across 7 roofs to lay over 4,500 Trina panels while ensuring the Brisbane Markets could continue trading.

Installed on seven buildings within the business complex, and comprising multiple composite roofs, 52 SMA inverters were installed throughout the complex and over 2000 poly-crystalline panels were laid in multiple arrays.



Commissioned in 2017.



Community support



UQ Juniors, originally known as Taylor Bridge Rugby Club was founded in 1990 as a junior club. In 2017 TBRC formed a Joint Venture with senior club University of Queensland Rugby Football Club and became known as the UQ Junior Bullsharks.

At the UQ Junior Bullsharks we are focused on providing a fun and safe way for children and their families to enjoy the game of rugby. We work hard at providing an environment that the whole family can enjoy.

Our ethos is for Fun, Friendship & Community. As players, coaches and officials we train hard, and we play to win, but NEVER at the expense of our ethos.

We have programs for boys and girls in tag and tackle from 3 to 17 years of age. Our JV with UQ rugby means our parent coaches get all the best support from fully qualified coaches from the UQRFC Coaching Academy.



Founded in 1911, The University of Queensland Rugby Football Club, also known as the “Red Heavies”, is Queensland’s most successful and prestigious rugby union club having won 32 First Grade Premierships throughout its decorated past.

The University of Queensland Rugby Club sits at the ‘cutting edge’ of sport innovation, coaching techniques and rugby prowess. The Club has established a proud Rugby tradition of great camaraderie, mateship and community engagement which has significantly contributed to its ongoing success both on and off the field.

The Club is affiliated with the Queensland Rugby Union (QRU) which is one of the member unions of Rugby Australia (RA).



Gamebred Academy prides itself on being a friendly community focused training facility. Neither too big nor too small, the perfect size for safe productive training. In 2020 DS Energy partnered with Gamebred to launch the start of their Anti Bullying campaign aimed at providing young men and women with the self-confidence and support required to get through life unscarred.

REFERENCES



Queensland
Government

Public Safety
Business Agency

To Whom it may concern

The Public Safety Business Agency (PSBA) provides corporate and support services to the Queensland Police Service (QPS), the Queensland Fire and Emergency Services (QFES), the Inspector-General Emergency Management (IGEM) and ICT support to the Queensland Ambulance Service (QAS), and provides Government Air Services.

The PSBA owns and manages a substantial property portfolio throughout Queensland (approximately \$3 Billion in assets).

DS Energy Services has been engaged by PSBA to:

- design and install solar PV systems on our stations and facilities
- undertake the regular maintenance and service program for our solar PV systems
- undertake energy efficiency works and lighting projects
- undertake other electrical works including power factor correction
- provide expert advice on proposed initiatives and planning for future projects.

I have dealt with Shane Kennedy for many years and have no hesitation recommending Shane or DS Energy Services.

I have found that this company continually provides high quality service with an attention to detail. They are reliable, dependable and make working with them easy.

I highly value Shane's knowledge and regularly seek his input on projects and advice on current market trends. I have found Shane to be very honest and trustworthy.

I have no hesitation in recommending Shane Kennedy or DS Energy Services and they carry my confident recommendation.

Should you require anything further, please do not hesitate to contact me on telephone 3364 4043 or by email at Jayne.Rice@psba.gov.au

Yours sincerely

Jayne Rice

Property and Planning
Property and Facilities Management
Public Safety Business Agency

Creating a safer Queensland

Property and Facilities Management

200 Roma Street

Brisbane Queensland 4000 Australia

GPO Box 1440

Brisbane Queensland 4001 Australia

Telephone +61 7 3364 4043

Website www.commintysafety.qld.gov.au

ABN 19 823 962 345

20th May 2018

To Whom It May Concern:

Dear Sir/Madam,

Shane Kennedy – DS Energy Services

I am writing in support of Mr Shane Kennedy of DS Energy Services and am pleased to offer this reference based on my personal and professional relationship with Shane since 2016.

I have had the pleasure of working with Shane on a number of commercial and industrial electrical and renewable energy projects over the past 3 years.

Shane is one of the best electrical contractors that I have worked with throughout my 17 year electrical career. He is a confident and reliable electrician, electrical contractor and business manager who is willing to work collaboratively with the project team. He follows designs and specifications without shortcuts, but also constructively offers alternative solutions or cost efficiencies without compromising quality, safety, or schedule.

He has the impressive ability to deliver cost effective and time efficient services without compromising on quality or safety.

Shane has the ability to bring together a construction team of qualified tradespersons, trade assistants and labourers and ensure that all personnel work effectively together to achieve the project goals.

Two of the premier projects where I have worked with Shane and his team are noted as follows:

- Australian Stockmans Hall of Fame – 100 kW Solar PV
- Brisbane Markets Stage 2 Solar Project – 1.6 MW Solar PV

My involvement with Shane started when I operated my own electrical engineering consulting business Tranter Engineering, continued when this business merged with FortEng Consulting Engineers and I continue to have a close relationship with Shane in my current role with juwi Renewable Energy in the development and EPC of utility scale solar, wind and hybrid projects.

I do not hesitate to recommend Shane and his team for any large scale commercial, industrial, or utility electrical construction projects and I look forward to continuing to work with him. Please feel free to contact me should you wish to discuss this matter further.

Sincerely,

Jeremy Tranter BE(Hons) RPEQ NER CPEng MIEAust CEC QEFM WAEFM
jeremy@trantereng.com.au
+61 421 607 835



Ref# DS Energy

01.05.18

To whom it may concern

The Australian Stockman's Hall of Fame and Outback Heritage has engaged the services of DS Energy for planning, installation and maintenance of a large solar array system for our facility.

The quality of communication, installation work and in particular the strict adherence to the OH&S policies was first class. The program was funded through a Federal Government program and as such the requirements of the project required a company that could deliver the project brief inline with strict Federal Government Grant requirements. DS Energy delivered the project on time and on budget and continues to this day, to communicate with the organization to ensure all systems are operating as specified.

The Australian Stockman's Hall of Fame and Outback Heritage has no hesitation in recommending the services of DS Energy.

Sincerely,

Lloyd Mills
Chief Executive Officer
Australian Stockman's Hall of Fame and Outback Heritage Centre
Longreach, QLD
4730.

Projects we've been involved with:

REFERENCE



05/05/2018

RE: Engagement of DS Energy Services

To whom it may concern,

The Qantas Founders Museum embarked on a significant solar array project with a 100KW system installed on the roof of the museum's main building.

I could not more highly recommend the services and professionalism of DS Energy Services right from the initial engagement and inception of our project through to the continued relationship we have some four years later. I am always impressed with companies such as this that have a unique after care relationship with their customers. Among many aspects of the project their communication with us through all stages of the project and their onsite due diligence and safety was particularly impressive.

This relationship has resulted in us approaching DS Energy Services to again tender for another significant renewable energy project that we want to deliver later this year early 2019.

I have no doubt that we will favour working with DS Energy Services into the future.

Sincerely,

Tony Martin
Chief Executive Officer

QANTAS FOUNDERS OUTBACK MUSEUM PTY LTD
ABN 76 109 494 788
PO Box 737 Longreach Queensland 4730
Tel 07 4658 3737 Fax 07 4658 07077

EDUCATION	COMMERCIAL
<ul style="list-style-type: none"> • Queensland University of Technology • St Peters Lutheran College - Indooroopilly • University of Qld – Global Change Institute • Bethany Primary School • Holy Name Primary School • St Josephs College • Mt Alvernia College • St Pauls Lutheran College – Caboolture • Hill Crest College • Richmond Christian School • Our Ladies Catholic School 	<ul style="list-style-type: none"> • Westfield Coomera • Monash University • Brisbane Markets • Stockmans Hall of Fame • Sunshine Plaza – Maroochydore • Westfield Coomera • Qantas Museum – Longreach • Brisbane Airport • Grove Juice • Brisbane Technology Park • KJM Contractors • Family Night Club Brisbane • Dienamics – Brisbane • Coles – Kedron • Estia Health Aged Care – Albany Creek • FleetMark • Q Crete
GOVERNMENT	RESIDENTIAL
<ul style="list-style-type: none"> • QFES • VaVa’u Solar Battery Farm • Cross River Rail • Department of Main Roads 	<p>Our residential team handles domestic solar installations, domestic service call outs and maintenance works throughout the Queensland & Northern NSW regions</p>

CONTACTING US

Contact details for business enquiries

A U6/60 Allworth St, Northgate QLD 4013

E sales@dsenergy.com.au

P (07) 3161 5351

W www.dsenergy.com.au