

Solar PV Engineering Services

Engineering, Procurement, Construction
(EPC) Consulting and Services



Introducing Iberdrola Australia Smart Energy Solutions

Iberdrola Australia Smart Energy Solutions (IASSES) is an award-winning, 'full-service' energy solutions company – offering tailored solar PV, energy storage, microgrid and energy efficiency services, projects and advice. We deliver technically superior systems through excellence in design, premium products and top-end delivery. Our reputation within the clean energy industry is second-to-none and we employ some of the most highly-skilled renewable energy experts in the country. We foster a culture of innovation and thrive on delivering better technical results.

Iberdrola Australia Smart Energy Solutions has a proven track record of delivering reliable solar PV systems for schools.

We design, supply and install grid connected solar power and optional battery storage systems with our in-house engineering and project delivery teams. Founded in 2003 in Sydney, we operate across a broad range of market segments nationwide and we are focused on commercial, industrial and small utility scale projects.

The solar systems we have installed for dozens of school clients are consistently performing above what was forecast in our proposals. This has been achieved by us tailoring the project for each site's specific requirements.

A detailed feasibility assessment is conducted for each site to take into account shading, solar irradiance, PV system electrical design, array layouts, module tilt angles, cable & switch gear selection, module & inverter specification and network approval & connection. It also details government approvals, tender management, installation and commissioning of turnkey solar PV systems to meet your particular requirements. To help you monitor and promote the solar system's performance, we can install a detailed monitoring solution, that can be projected on any public display or through a web link for your customers and internal stakeholders.

Iberdrola Australia is one of the largest renewable energy businesses in the country, owning and operating a diversified fleet of wind, solar and battery sites, providing reliable green energy to businesses across Australia. More than 95% of our grid-sized energy generation is renewable.



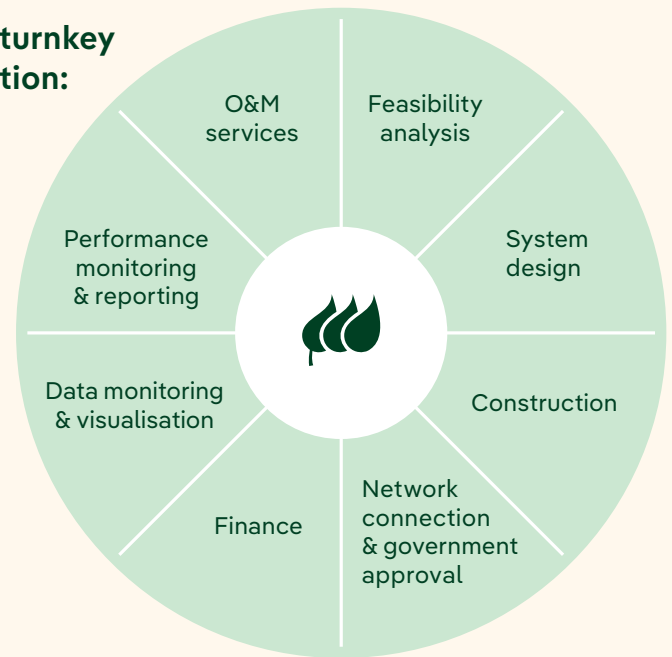
By working with us, our clients receive better engineered systems that deliver superior performance for longer, guaranteed.

Turnkey projects

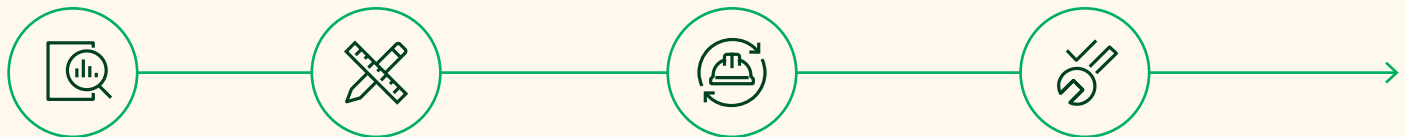
Since 2003, we have successfully completed and delivered turnkey solar PV systems for a large number of schools around Australia.

All members of our IASES team share a common commitment to quality, which combined with our strong level of technical expertise, ensures that our solar power systems outperform and will do so for decades to come. Any solar system is only as reliable as the weakest link, so our quality control systems will ensure that your solar investment will last for decades to come. This is due to our close attention to not only the major components like panels and inverters, but also the small components like cables, connectors and installation workmanship.

Our turnkey solution:



Our turnkey process:



Feasibility

Our experienced team conduct feasibility evaluations for the integration of renewable energy technology for onsite clean technology generation

Design

The systems we design and build deliver superior operational performance to our competitors. Our team have won several prestigious awards recognising our excellence in design

Delivery

We combine the highest level of technical and practical expertise to provide the complete range of services needed for successful commercial PV and energy efficiency systems

Maintenance

We provide ongoing operations and maintenance (O&M) services in the form of Service Level Agreements (SLAs) to allow clients to maximise the lifetime energy generation and cost savings from their renewable energy initiatives

Summary of core service areas

Solar power	Energy storage	Energy efficiency	Energy management	eMobility	Electricity retail
Commercial & Industrial Rooftop Solar	Commercial & Industrial Battery Storage	Energy Efficiency Upgrades	Virtual Power Plant (VPP) & Demand Response (DR)	Site Installation Of EV Chargers & Maintenance	Fixed & Variable Price
Solar Car Park Shading	Microgrids	Led Lighting Upgrades	Energy Metering & Visualisation	Grid Interaction Services	Power Purchase Agreements
Ground Mount Solar PV	Energy Storage Advisory Services		Energy Management & Reporting	Grant Funding Assistance	
Solar Design			Energy Strategy		
Solar PV Advisory Services			Operation & Maintenance (O&M) Service		

Case studies



The Kings School (NSW)

Located in North Parramatta in Sydney, IASES has delivered 5 high quality solar PV systems. A total of 491kW making a significant reduction to energy bills with generation of clean, renewable energy on-site. The King's School have now entered into a 5-year agreement with IASES for service and maintenance of all solar systems at this site.



Marymede Catholic College (VIC)

A 270kW solar PV system at their South Morang (Melbourne) campus. Featuring over 980 panels, this system will reduce annual electricity consumption by over a third and save 200 tonnes of CO2 over 10 years. Ability to deliver curricular integration through STEM principles – the systems are visible to students and the inverters are within observable reach. Solar generation and campus-wide consumption monitoring for ongoing access to quality data.



Roseville College (NSW)

A 141kW solar system expansion for this independent school on the Northshore of Sydney. It is the third system installation following ones in 2011 & 2020. Following commissioning, the College will have 240kW of onsite solar generating free electricity every day. Solution tailored to a campus with multiple roofs and limited available space Project delivery program expedited to support key milestones for the school.



St Brendan Shaw College (TAS)

Located in Devonport, we delivered a 218kW solar PV system. We implemented Tasmania-specific design to maximise winter energy generation. Optimised for multiple buildings with different orientations. We implemented solar generation and campus-wide consumption monitoring for ongoing access to quality data.



The Scots College
Sydney Australia



Ascham School



RADFORD COLLEGE



PRINCE ALFRED COLLEGE



Barker College
An Anglican School



Ravenswood

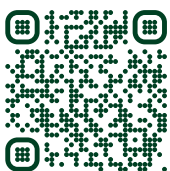


SHORE



Newington College

Leading Australia to a clean future, today



Scan the QR code to view our brochures electronically.
Contact us on 1800 314 759 or at smartenergy@iberdrola.com.au
iberdrola.com.au



2013, 2017, 2018, 2020 & 2021