



11 – 12 OCTOBER 2017 MELBOURNE CONVENTION & EXHIBITION CENTRE



“It is easy to be optimistic about Australian renewable energy in 2017. With the sector set to deliver an unprecedented \$8 billion in investment in large-scale projects and create well over 4100 direct jobs from the projects being built this year alone, we are on a bullet train to a clean energy future full of vast new opportunities.”

The Renewable Energy Target (RET) is working. It is encouraging the lowest cost types of renewable energy and making them even cheaper. The projects which are underway or have financial commitment are enough to deliver more than half of what is needed to meet the RET by 2020.

However, it is important to lock in enduring policy beyond 2020 so we don't waste the incredible momentum that has built up over the last 12 months. The Clean Energy Target (CET) recommended by Chief Scientist Dr Alan Finkel has given the energy sector and the broader business community some hope that we can end a decade of partisan politics and wasted opportunity.

But we must act now on energy. The lack of long-term energy policy is already putting energy security and affordability at risk for all Australians. If this cannot be resolved, it is a sure-fire way of reducing electricity reliability and driving up power prices.

With power prices now front of mind for both homes and businesses, sales of rooftop solar installations are soaring. Another 93 MW of rooftop solar PV was installed in the month of July, and overall the market for rooftop solar is almost 50 per cent up on the same time last year. Business installations in particular are absolutely booming.

But with increased power comes increased responsibility. With a bewildering array of products and services in the solar and storage market, product and installation standards have never been more important. While at the one hand we need to make the case against unnecessary red tape which can cripple the industry for no benefit – such as the idea that home energy storage units need to be outside the home – we also need to lead initiatives that ensure safety and quality remains our highest priority.



At All-Energy Australia we will be celebrating our best and brightest with the Solar Design and Installation Awards. And we will also be running our two-day Solar Masterclass Series, which will allow solar installers to stay on top of the latest developments. Adding to this, our Women in Renewables luncheon will showcase the achievements of leading women in the renewable energy industry.

The Clean Energy Council is excited to partner with All-Energy Australia on this year's conference and exhibition and I'm personally looking forward to getting involved in some positive discussions on where to next for the energy sector.

Australia's energy market is in the midst of a revolutionary change, and it has become increasingly clear that there is no slowing down. Those who cannot adapt or anticipate the changing energy market will miss a golden opportunity to save on their bottom line and improve their competitiveness. This year's All-Energy Exhibition and Conference is a great place to start.

Kane Thornton

Chief Executive, Clean Energy Council

CONFERENCE PROGRAM







WEDNESDAY 11 OCTOBER 2017

PLENARY SESSION OVERVIEW

8:00am	OPENING REMARKS
8:10am	MINISTERIAL OPENING Hon Lily D'Ambrosio MP, Minister for Energy, Environment and Climate Change, Government of Victoria
8:30am	KEYNOTE ADDRESS Audrey Zibelman, Chief Executive Officer, AEMO
9:20am	PANEL DISCUSSION The next market disruption: A look at the evolving energy landscape, its future players and the new market realities for the energy sector Chair: Kane Thornton, CEO, Clean Energy Council Panelists include: Ed McManus, CEO, PowerShop; Philip Cohn, Business Development & Transactions, Arena Jenny Purdie, CEO, Adani Australia Renewables; Alison Rowe, CEO, Moreland Energy Foundation Ltd







10:10am – 10:50am **BREAK**

10:50am – 12:10pm

 FUTURE ENERGY & THE GRID	 SOLAR	 BIOENERGY	 WIND ENERGY	 ENERGY STORAGE	 ELECTRIC VEHICLE
<p>Technological, policy and financial solutions to transition to a low carbon economy</p> <p>Led by Gustavo Bodini, Business Development Manager (Infrastructure), TransGrid Benjamin White, A/ Director Renewables, Victorian Government Peter Cowling, GM Renewables, GE Edwin Foong, CEO, Enviro Group</p>	<p>Latest advancements and commercial opportunities in the PV sector</p> <p>Chair: Parag Sharma, Chief Operating Officer, ReNew Power Dr Zhengrong Shi, World-Renowned Solar Scientist; Fellow of Australia Academy of Technological Science and Engineering; Adjunct Professor at the University of NSW Landon Kahn and Danin Kahn, Today Solar Warwick Batstone, Project Manager - C&I Business, Canadian Solar Ahmad Zahedi, Associate Professor, James Cook University</p>	<p>Bioenergy developments in the market: The barriers and opportunities to boost base load supply</p> <p>Sohum Gandhi, Director, Enriva Pty Ltd Dr Robert White, Director, Technical Insight Pty Ltd</p>	<p>Looking at the wind energy industry, their impact from an economic and social perspective on the communities they operate in and new development ways forward</p> <p>Chair: Dr Adrian Panow, Director, Deakin Energy Andrew Dyer, National Wind Farm Commissioner Tanya Jackson, Communications and Company Services Manager, RES John Noronha, Economist, Essential Economics</p>	<p>Future energy storage trends</p> <p>Chair: Dmitry Danilovich, Head of Clean Energy, KPMG Huon Hoogesteger, Founder, Smart Commercial Solar Lara Olsen, Head of Business Development, Tesla Energy Phillippe Bouchard, VP Business Development, EOS Storage</p>	<p>Market overview: A technical and commercial outlook</p> <p>Behyad Jafari, Chair, Electric Vehicle Council Kristian Handberg, Manager - Electric Vehicles, AGL Heath Walker, Senior Manager, Tesla Motors Australia Craig Norris, National PHEV Manager, Mitsubishi Motors Claire Painter, Project Manager, ClimateWorks Australia Tim Washington, CEO, JetCharge Australia</p>







12:10pm – 1:10pm **BREAK**

1:10pm – 2:30pm

 FUTURE GRID	 COMMUNITY ENERGY	 WIND ENERGY	 SOLAR	 ENERGY STORAGE	 ELECTRIC VEHICLE
<p>Improving system capabilities for improved integration, security and reliability to the grid</p> <p>Graham Davies, MD, Resonant Solutions Pty Ltd; Chair, Sustainable Engineering Society, Engineers Australia Institute Dr Keith Lovegrove, Head - Solar Thermal, ITP Energised Group; Managing Director ITP Thermal Pty Ltd Dean Condon, Technology Innovation Engineer, Energy Queensland Geoff James, Research Principle Institute for Sustainable Futures UTS</p>	<p>Initiating community projects for economic and social benefit</p> <p>Chair: Jennifer Lauber Patterson, Managing Director, Frontier Impact Group Luke Whiteside, Group Member, Warburton Hydro Project Franziska Mey, Research Director, Community Power Agency Tracey Cooper, President, The Valley Centre April Crawford-Smith & Tom Nockolds, Pingala</p>	<p>Getting the most out of wind farm projects from a financial, operational and technical standpoint</p> <p>Megan Raynal, Executive Director, VAA Christian Peake, Head of Section, Energy and Development Services, DNV GL Parag Sharma, Chief Operating Officer, ReNew Power April Crawford-Smith & Tom Nockolds, Vestas Wind Energy</p>	<p>Evaluating the key commercial and technical considerations in utility scale solar</p> <p>Ben Willacy, Director, Sustainable Energy Research Analytics Andrew Coughlan, Manager - Utility Scale Solar, Zenviron Ron Corio, CEO & Founder, Array Technologies Clara Mazzone, Construction Projects Manager, ITP Renewables</p>	<p>Regulatory and investment considerations for energy storage</p> <p>Paul Curnow, Head of Asia Pacific Renewable Energy Group, Baker McKenzie Zeno Atherton, Grid and Storage Solutions, CEFC Toby Barber, Principal Energy, DNV-GL</p>	<p>Policy and Government support for EV's in Australia</p> <p>Run by the Electric Vehicle Council</p>

2:30pm – 3:30pm **BREAK**

3:30pm – 4:50pm

 SMART GRID	 GOVERNMENT INITIATIVES	 MICROGRID / OFF GRID	 SOLAR	 ENERGY STORAGE	 ELECTRIC VEHICLE
<p>Making the smart grid a success: Maximising the smart grid to create better connections and benefits to customers and your enhance critical assets</p> <p>James Clinch, Manager - Regulatory Reform, Essential Services Commission James Seymour, General Manager, New Energy Services, Jemena Scott Graybeal, Senior Vice President, Energy Segment, Flex Steve Bell, Director, BCJ Controls</p>	<p>Latest Governmental initiatives driving investment, innovation and promoting the expansion of renewable energy across Australia</p> <p>Megan Ward, Manager Energy Projects, ACT Government Andrew Burnett, A/General Manager Energy Consumer and Pricing, QLD Department of Energy and Water Supply Nicole Joffe, Executive Officer, Clean Energy Regulator</p>	<p>Project insights looking at the benefits of on reliability</p> <p>Chair: Dr Adrian Panow, Director, Deakin Energy Justin Harding, Distributed Energy & Innovation Manager, AusNet Services Dr James Hamilton, Director of Renewable Ready; Research Associate at the Centre for Renewable Energy and Power Systems (CREPS), University of Tasmania Dr Michael Ottaviano, CEO and Managing Director, Carnegie Clean Energy Julia McDonald, Senior Engineer, IT Power (Australia) Pty Ltd</p>	<p>Embracing concentrated solar power for the industry</p> <p>Chair: Simon Corbell, Renewable Energy Advocate Ken Guthrie, Sustainable Energy Transformation Pty Ltd; Chair, International Energy Agency Solar Heating and Cooling Program Jens Sodogaard, Aalborg CSP Melbourne Maxime Descournut, Akuo Anergy</p>	<p>Projections, design and installation considerations in residential storage</p> <p>Paul Ryan, Director, EnergyConsult Pty Ltd Carl Patrick, Senior Engineer, Solar Australia Martin Symes, Sales Director - Australia and New Zealand, Sunverge Rod Scott, CEO, Selectronic Australia</p>	<p>Rolling out EV's across Australia: A look at the infrastructure needs and new standards</p> <p>Run by the Electric Vehicle Council</p>

5:00pm – 6:30pm **GRAND NETWORKING FUNCTION – WITHIN THE EXHIBITION HALL**

WEDNESDAY 11 OCTOBER 2017

SHOW FLOOR SESSION: SUSTAINABILITY + ENERGY

10:20am – 10:50am

Demonstrating the value proposition and business buy in for environmental sustainability within your organisation

Kaushik Sridhar, Manager, Corporate Citizenship, KPMG

GREEN BUILD + LOW CARBON ECONOMY

10:50am – 12:10pm

Making businesses more energy efficient
Why is energy efficiency so lucrative, but so hard to do?
How to start unlocking its value

Rachel Ollivier, Group Manager Property, Environment and Sustainability, Glen Eira City Council

Planning for upgrades: Project-based activities in the Victorian Energy Efficiency Target scheme

Kathryn Lucas-Healey, Senior Policy Officer, Energy Efficiency, Energy, Environment and Climate Change, Department of Environment, Land, Water and Planning

1:20pm – 2:30pm

Energy Efficient Buildings

The Procurement Model is broken: What are the solutions?
Bob Sharon, Chief Innovation Officer, Blue IoT

The path towards building a citizen's utility in apartments

Dr Bjorn Sturberg, Project Manager and Director, Stucco and Director, Kairos Power

3:30pm – 4:50pm

Looking at the potential of ground source heat pumps for heating and cooling

Dr Graeme Beardsmore, President, Australian Geothermal Association

Innovative applications of Shallow Geothermal Technology
Riyan Aditya, PhD Candidate, University of Melbourne

THURSDAY 12 OCTOBER 2017

PLENARY SESSION OVERVIEW

7.30am – 9.00am

INVESTOR BREAKFAST (please note this event is invite only)

9:00am **KEYNOTE OPENING** A look at clean energy investment in Australia **Ian Learmonth**, CEO, CEFC

9:20am Encouraging new energy innovation in a consumer driven market
Nathan Dunn, MD, Enphase Australia; **Philip Livingston**, MD, Redback Technologies; **Dean Spaccavento**, Chief Executive Officer, Reposit Power; **Michelle Taylor**, Manager Technology Development, Ergon Energy

10:00am Managing Australia's shifting power market: Balancing the true cost of the NEM with the needs of the consumer
Paul Geason, Managing Director, Momentum Energy; **Matthew van der Linden**, Managing Director, Flow Power

10:40am – 11:10am

BREAK

10:55am – 12:15pm



FUTURE ENERGY & THE GRID

The shift towards a decentralised energy economy

Led by **Dr Phil Blythe**, CEO, Greensync



ENERGY EFFICIENCY

Session led by the Energy Efficiency Council



PROJECT DEVELOPMENT

What needs to be done to get up and running on a new project

Iban Vendrell, Wind & Geothermal Power Account Leader & Project Director Asia Pacific, Mott MacDonald
Mick Coleman, Partner, Mills Oakley
Sally Torgoman, General Counsel - Energy, Eco Energy World



ALTERNATIVE FUELS

Future potential of Hydrogen

Chair: **Attilio Pigneri**, CEO, Hydrogen Utility
Attilio Pigneri, CEO, Hydrogen Utility
Filip Smeets, Managing Director - On-site Generation, Hydrogenics Europe N.V.
Sarb Giddey, Leader of Electrochemical Energy Systems Team at CSIRO Energy, CSIRO



ENERGY STORAGE

Regulatory, technical and economic considerations for utility scale storage

Chair: **Mary Hendriks**, Australian Energy Storage Alliance
Jill Caine, Grid Solutions Global Application Director - Energy Storage, S&C Electric Company
Lara Olsen, Head of Business Development, Tesla Energy
Mark Leslie, Energy Storage Asia Pac Director, AES

12:30pm – 1:10pm

BREAK

12:30pm – 2:00pm

INVESTOR LUNCH (please note this event is invite only)

1:10pm – 2:30pm



FUTURE GRID

The ROI of integrating storage with solar, EV's and smart applications to build a fully integrated and smart home

Dr Neil Thompson, Design Integration Consultant / Postdoctoral Research Fellow, Queensland University of Technology
Evan Darmanin, Alternative Energy Consultant, ChargeWorks



ENERGY EFFICIENCY

Energy efficiency and business productivity for industry

Chair: **Helen Millicer**, Sustainability, Strategy and Communications, One Planet Consulting
Katrina Woolfe, Manager Business Productivity, Sustainability Victoria
John Day, Executive Manager Operations, North East Water
Andrew Chamberlin, Project Manager - Energy, Queensland Farmers' Federation



NEW TECHNOLOGIES

Exploring developments and new applications in energy generation technology to lower emissions in Australia

Simon Brink, Project Engineer, Manningham City Council
Alex Zapantis, General Manager - Asia Pacific, Global CCS Institute



FUTURE ENERGY

Corporate PPAs and peer-to-peer energy trading

Dmitry Danilovich, Head of Clean Energy, KPMG
Parag Sharma, Chief Operating Officer, ReNew Power
Darius Salgo, Co-founder and CEO, Nexergy
Ryan Wavish, CEO, Marchmont Hill Consulting



ENERGY STORAGE

Pumped hydro storage in Australia

Richard Herweynen, Principal Consultant - Civil Engineering, Entura
Donald Vaughan, Principal Consultant - Primary Electrical Engineering, Entura
Andrew Thaler, Thinker, Singleton Solar
Kevin Lanigan, Energy Australia

2:30pm – 2:55pm

BREAK

2:55pm – 4:15pm



SMART GRID

Data, analytics, security and the 'internet of energy' of things

Chair: **Dr Adrian Panow**, Director, Deakin Energy
Shama Naz Islam, Lecturer in Electrical Engineering, Deakin University
Nigel Morris, Business Development Director, Solar Analytics
Gavin Dietz, Managing Director, Watwatchers
Andrew Tanner, VP Business Development, Gell



ENERGY EFFICIENCY

New technologies, systems and major developments in energy efficiency

Chris Pye, Operations Supervisor, ComAp Pty Ltd
Tim Forcey, Energy Advisor, University of Melbourne
Scott Young, Catch Power



PROJECT DEVELOPMENT

Looking at the skills needed to shape the industry internally and externally

Penelope Twemlow, CEO, Energy Skills Queensland
Kim Kreutz, Energy Performance Bureau Manager, Schneider Electric
Darryl Leahey, Manager, NaturesEnergy PL



MARKET DEVELOPMENTS

Innovation needs to create a clean economy

Chair: **Jenya Khvastyky**, CEO, CleanTekmarket
Dr Mark Bonnar, Southern Cross Ventures (SKV)
Blair Pritchard, Head of the Innovation Fund, CEFC
Piers Grove, Co-Founder and Executive Director, EnergyLab



ENERGY STORAGE

Latest technology insights into lithium ion and vanadium flow batteries

Chair: **Vincent Algar**, Metrowest
Catherine Von Burg, CEO, SimpliPhi Power
Jonathan Kennedy, ITP Renewables
Stephanie Moroz, Chief Executive Officer, Nano-Nouvelle
Peter Morrow, Director, Auspacenergy

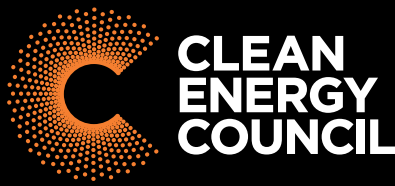
4.15pm – 5.00pm

CLOSING DEBATE

Climate Change and Energy: From the Finkel Review to the RET – Dissecting the good the bad and the ugly.

Panelists include: **Dr John Söderbaum** FTSE, Vice-Chair of ATSE's Energy Forum and Director of Science and Technology at AGL Allen Consulting; **Paul Burke**, Fellow, Crawford School of Public Policy, Australian National University

CLEAN ENERGY COUNCIL PROGRAM



SOLAR MASTERCLASS SERIES

The CEC's Solar Masterclass Series provides a one-stop shop for solar designers and installers to get expert advice on the major design and installation issues currently facing the industry. Attendance is free and Continuous Professional Development (CPD) points will be available to eligible CEC installers who scan into each session.

DAY ONE – WEDNESDAY 11 OCTOBER 2017

WELCOME AND DESIGN ISSUES

This session focuses on issues faced in system designs. Learn about system monitoring and protections, and we haven't forgotten about designing stand-alone power systems either.

INSTALLATION ISSUES

This session focuses on issues faced by system installers. Learn about the new storage standards and guidelines, system maintenance and more.

CURRENT STATE OF PLAY, AND A LOOK TO THE FUTURE...

Come along to hear important updates from the Clean Energy Regulator and find out about what's happening with Australian Standards and the current endeavours in accreditation. Finish off the day hearing about insights of what's to come.

DAY TWO – THURSDAY 12 OCTOBER 2017

STREAM 1

PROTECTING SMALL BUSINESS

Come to hear about liabilities when warranties aren't honoured and learn more about the Clean Energy Regulator's Serial Number tracking pilot.

HOW TO BUY

With such a large selection of products available, how do you know which system is best? In this session, industry experts will discuss the benefits of storage and third-party insurance and provide updates on product listing.

SME HOW TO

Not sure how to properly quote for a job? Need help figuring out contracts? Our experts are here to help with this and more.

STREAM 2

BATTERY FACE OFF

Representatives from three battery manufacturers will present the benefits and capabilities of their battery energy storage systems. We will then open up the session to questions from the floor.

MODULE-LEVEL POWER ELECTRONICS FACE OFF

Representatives from three manufacturers will present the benefits and capabilities of their module-level power electronics. We will then open up the session to questions from the floor.

LEARNINGS FROM TRIALS

Distribution Networks has been running various trials throughout Australia to find out about the capabilities of energy storage. This session will see them sharing some of their learnings.

INDUSTRY BEST PRACTICE

Come along to hear last year's Solar Design and Installation Award winners take you through a case study of their submissions, presenting the challenges they faced and the solutions they provided, and, ultimately, showing us why they won. The CEC technical staff will then be available to answer all of your questions.

For further details on the Clean Energy Council's program at All-Energy Australia 2017, contact: **Sasha Pell, Event and Sponsorship Manager, Clean Energy Council**
(03) 9929 4128 spell@cleanenergycouncil.org.au

SOLAR DESIGN AND INSTALLATION AWARDS

The 2017 Solar Design and Installation Awards will be presented at the Grand Networking Event at All-Energy Australia. Join us for networking and drinks to celebrate the fantastic work that is being done across the industry, culminating in the presentation of this year's Solar Design and Installation Awards.

Date: Wednesday 11 October 2017

Time: 5.00 pm – 6.30 pm

Venue: Exhibition Floor, All-Energy Australia

Tickets: Complimentary for All-Energy Australia delegates

WOMEN IN RENEWABLES LUNCHEON

The CEC has established the Women in Renewables initiative to achieve a better gender balance at all levels of the renewable energy industry. Women in Renewables hosts an annual luncheon at All-Energy Australia, bringing attendees together to network and share strategies for women to build their profiles in the industry. Key ideas that have emerged from these gatherings to date include a mentoring program, female student outreach, workplace policies that offer flexible working hours and an effort to take baseline measurements of women's participation in the sector.

When: Day 1 Wednesday 11 October 12pm – 2pm

For more information visit

www.cleanenergycouncil.org.au/events/women-in-renewables

PLATINUM SPONSOR



NEXTracker, a Flex company, advances the power plant of the future with solar tracker and energy storage innovations to increase performance and reduce costs for all size power plants. As the #1 tracker supplier worldwide with close to 9 GW under contract, NEXTracker is globally recognized for delivering the most advanced photovoltaic solutions for hundreds of projects across five continents. Headquartered in the San Francisco Bay Area, the Company has offices in China, India, Spain, Latin America, and Australia. Stand 1920. For more information, visit: NEXTracker.com and follow the Company on Twitter @NEXTracker.

GOLD SPONSORS



ABB is a pioneering technology leader that works closely with utility, industry, transportation and infrastructure customers to write the future of industrial digitalisation and realise value.

The ABB Group employs more than 135,000 people in over 100 countries. Each of our customers benefits from sharing ABB's research, supply, manufacturing, distribution, information technology and bench marking capabilities.

In Australia, the history of ABB goes back to the late nineteenth century. Today, ABB has operations in Sydney, Brisbane, Perth, Darwin and Melbourne. With 1,400 employees located at our 14 sites, customers are served through an extensive country-wide presence.

In ABB, we have a proud history of many 'firsts'. In 2012, ABB Australia patented another world first – technology to recycle SF6 gas to technical grade purity. ABB's technology can effectively close the loop on this greenhouse gas, the significance of which was recognised in ABB being awarded a prestigious Banksia Environmental award.

The health and safety of our people and our customers is a fundamental part of our commitment to sustainability. We care deeply about how our operations and products affect our employees, customers, contractors and our neighbours.

Ultimately, we help our customers meet their challenges with minimum environmental impact and with safety and quality as our highest priority. Stand 1928



What is the future of solar in a connected world?

As everyday products become smarter and increasingly connected, what is the next step for solar in our connected world? Solar systems are typically designed to only provide power – but companies like Flex are connecting them with home automation, opening up a range of new possibilities for solar installers.

Flex will launch its new residential solar solution at All Energy. This complete system integrates generation, storage and optimisation. It allows customers to compare how much energy they are generating with how much they are using, then turn appliances on or off directly from their smartphone. It is designed to work seamlessly with the future of home automation - as homes evolve with technology, so will the system.

It is perhaps not surprising that Flex is leading the charge in this new field. While not a household name, this Fortune 500 Company generates \$26B in revenue from 100 locations and 12 industries globally, including \$2B from energy and renewables. Flex's mission is to 'design and build intelligent products for the connected world', and it has done so for the likes of Google Chromecast, Nike and Fitbit. Flex is also behind the well-known utility solar product, NEXTracker, and has manufactured panels for many of the top brands in solar.

Flex's Senior VP of Energy, Scott Graybeal, will be speaking about the future of energy and the connected home at All Energy. As Flex works in a cross-section of industries, Scott is in a unique position to see how these areas intersect, and what it means for the new energy sector in Australia.

Attendees will have the chance to speak to Scott, discover the Flex Partner Network and explore new products at Stand 3520.



Through the Department of Environment, Land, Water and Planning, the Victorian State Government is working with industry and the community to develop a sustainable and secure energy future for Victoria.

Globally, renewable energy and new energy technology is one of the fastest growing sectors. With a comprehensive range of policies, initiatives and programs to support the sector, Victoria is well placed to take advantage of the opportunities this growth provides, driving economic benefit for the State, while also protecting our environment.

The Government's recently announced Renewable Energy Action Plan, together with its New Energy Technologies Sector Strategy, Energy Efficiency and Productivity Strategy, and a range of programs such as the New Energy Jobs Fund, Renewable Energy Certificate Purchasing Initiative, and \$25 million of funding to support the development of large-scale battery storage, set Victoria on a path to transforming the energy sector in Victoria. Victoria's strengths also include extensive renewable resources, pivotal positioning within the National Electricity Market (NEM), Government support for investment in smart technologies, and strong skills and workforce capabilities.

The Victorian Government supports the establishment of new renewable energy businesses in Victoria and actively engages with developers and financiers in new energy technology solutions in wind, solar, energy storage and bio energy, to bring new international investment into the State.

Please visit Stand 2120 at the Exhibition to talk to experts from the Victorian State Government about the many renewable energy, new energy technology and investment opportunities awaiting you in the State of Victoria.



BayWa r.e. renewable energy GmbH is the holding company for all BayWa AG's solar, wind, bioenergy and geothermal energy businesses.

Entering the Australian market in 2016, we have offices in Melbourne and Perth and are active in wind and solar project development, and solar PV wholesale trading.

Our long history of developing projects worldwide, combined with financial strength and strong banking and investor relationships, means we're able to bring projects forward and improve their performance. We want to hear from project owners, developers and landowners who need a reliable partner to help deliver projects.

We are also a global supplier of quality equipment to PV installers. With warehousing in all Australian states, we supply customers with modules, inverters, storage solutions, racking, BOS and engineering support for residential, commercial and off-grid applications. Stand 3221.



Array Technologies, Inc. is the leading solar tracking solutions and services provider for utility-scale projects. Our streamlined tracker design enables efficient installation and high reliability. This combination delivers both the lowest installation cost and the best long-term returns. Through continuous innovation and engineered simplicity, Array's tracker solutions are optimized for construction and a multitude of terrains. The company provides unparalleled experience, with more than 30 years of innovations and 15,000+ MW-years of operation, we lead the industry and continue to power ahead. We're the solar industry's partner-of-choice for robust, reliable, and innovative tracking solutions guaranteed to deliver the lowest cost of ownership and lowest operations and maintenance (O&M). Come by Array Technologies booth number 3020 and see The Most Reliable Solar Tracker Under the Sun, DuraTrack® HZ v3. Stand 3020.



LONGi Solar is a world leading manufacturer of high-efficiency mono-crystalline solar cells and modules. The company is wholly owned by LONGi Group. LONGi Group (SH601012) is the largest supplier of mono-crystalline silicon wafers in the world, with total assets above \$2.7 billion. (2016)

Armed and powered by the advanced technology and long standing experience of LONGi Group in the field of mono-crystalline silicon, LONGi Solar has shipped approximately 2.5GW products in 2016. The Company has its headquarters in Xi'an and branches in Japan, Europe, North America, India and Malaysia.

With strong focus on R&D, production and sales & marketing of mono-crystalline silicon products, LONGi Solar is committed to providing the best LCOE solutions as well as promoting the worldwide adoption of mono-crystalline technology. Stand 2730.

GOLD SPONSORS



TBEA Xinjiang Sunoasis Co., Ltd. (TBEA Sunoasis Co., Ltd.), founded in 2000, is the world leading green and smart energy service provider with business in more than 20 countries and areas all over the world to devote to the sustainable development of human society with the drive of smart, efficient and green energy. TBEA Xinjiang Sunoasis Co., Ltd. (hereinafter referred to as TBEA Sunoasis Co., Ltd.) is one of the China's first enterprises that is dedicated to the photovoltaic industry, which is also the epitome of the development of photovoltaic industry in China, TBEA Sunoasis Co., Ltd. is a practitioner and a promoter in the process of advance in China's photovoltaic field. The company focuses on PV, wind power, power electronics, energy internet and other fields to provide clients with integrated solution including clean energy project development, investment & financing, design, construction, debugging and O&M to build the company into a global excellent green and smart energy service provider. Globally, the company completes capital operations under business models such as BT, BOT, PPP and others. The company along with investors sets up reasonable structures of investment and investment income to achieve industrial upgrading, and to provide investors with long-term and stable income.

TBEA Xinjiang Sunoasis Co., Ltd. tops the lists of global wind power/PV EPC, inverter and other fields, and ranks No. 32 in The Clean 200 List 2017.

The company actively responds to the national "The Belt and Road" policy, shouldering missions of the country, constructed 100MW photovoltaic power station of Punjab province in Pakistan, which is a symbol of friendship bridge between China and Pakistan, with high standard and high efficiency, power generation was completed as scheduled. Stand 3214.



Powerark Solar is one of Australia's leading renewable energy wholesale distributors. Headquartered in Sydney, the company's operations now expand across WA, VIC, QLD and SA. Our team is proud of our local footprint and with offices in each state this enables us to accommodate customers from all across Australia.

Our core value is to provide our clients with effective clean energy solutions and high quality products and services.

To achieve this goal, our management teams have carefully selected a dynamic range of options and have partnered with market-leaders to satisfy the wants and needs of our customers. We satisfy a number of customers through our network all over Australia from tradesmen to major retail companies, no matter what size your business is, Powerark are here to help. We are here to help you select the right components for the job as well as answering any other questions you may have.

Additionally, we offer support programs and assistance with project finance, project engineering and with deep upstream supply partners, no project is too big or too small.

With years of experience in the industry spanning across our staff, we aim to serve our customers with professionalism and commitment. We have developed partnerships throughout Australia to ensure that we supply our customer with the brands they are looking for. We work closely with our manufacturers to ensure that we are supplying the most update technology. Additionally, we have developed and continue to develop a number of marketing and dealer support materials to help you serve your customers better now and into the future.

Stand 1320.



SolarEdge, a leading global provider of DC-optimised inverters, invented an intelligent solution that revolutionised the way power is harvested and managed in a solar photovoltaic (PV) system. The SolarEdge system maximises power generation at the individual PV module level, while lowering the cost of energy produced by the PV system.

Addressing a broad range of market segments, from residential to commercial and small utility-scale solar installations, the SolarEdge system consists of inverters, power optimisers and a cloud-based monitoring platform. The SolarEdge StorEdge™ and Home Energy Management solutions enable increased self-consumption and energy independence.

The SolarEdge system enables superior power harvesting and module management by deploying power optimisers to each PV module, while maintaining a competitive system cost by keeping the DC to AC inversion and grid interaction centralised using a simplified inverter.

Module manufacturers, installers, and system owners enjoy the benefits of SolarEdge technology, which enables maximum power production through module-level maximum power point tracking (MPPT), optimal roof utilisation through constraint-free design, and enhanced maintenance and accurate troubleshooting through module-level monitoring. Another benefit is that whenever the grid or inverter is turned off, DC wires are designed to de-energise to 1V per power optimiser, in order to protect installers, maintenance personnel, and firefighters.

Since beginning commercial shipments in 2010, SolarEdge has shipped more than 5.3GW of its systems, and products have been installed in 120 countries.

SolarEdge's mission is to become the leading provider of inverter solutions across all solar PV market segments and broaden the availability of clean, renewable solar energy worldwide. Stand 2428.



One Stop Warehouse (OSW) has established itself as a competent, reliable, and leading supplier to the solar industry since its inception in 2013. Established initially in Perth OSW has grown significantly over the past 3 years with additional warehouses now in Adelaide, Melbourne, Sydney and Brisbane. Offering both low prices and quality products, OSW offers a wide range of solar panels, inverters, mountings and a selection of electrical equipment.

Our attention to detail, dedicated and enthusiastic staff, and timely response to technical queries and designs provides our customers with confidence to commit to challenging projects across Australia.

Many world class manufacturers have put their faith in One Stop Warehouse and have been rewarded with outstanding results for their brands. OSW carefully assesses each brand making sure only the top-quality products are being distributed.

This year OSW will be bringing a new range of brands and exciting new products to the market and we will showcase a few of these exciting products during the All Energy Expedition.

Come visit us at stand 2028 for a coffee, some refreshments and the latest information on the brands you know and trust.



Risen Energy was founded in 1986 and located in Ninghai, Zhejiang province. It is a hi-tech enterprise which is engaged in R&D, production, sales and service of solar modules, products of photovoltaic technology, solar terminal application and integration. Stand 2114.

Media Partners



Supporters



SILVER SPONSORS



Established in 1995 and as one of the largest manufactures of rechargeable batteries, BYD has developed green products such as solar panels, battery energy storage system, electric vehicles, and myriads of high-efficiency LED products in the new energy tech field. Based on the advanced technology of BYD Lithium-iron Phosphate Battery, BMS, PCS and EMS, BYD provides large scale power storage solutions to meet diverse customer needs. Up to now, BYD has had a lot of successful cases of energy storage solutions from KW to MW sized system in the world and will continue to lead the new energy revolution! Stand 1328.



Founded in 2001 in Canada, Canadian Solar (NASDAQ: CSIQ) operates as a global energy provider with successful business subsidiaries in 20 countries on 6 continents including Australia. We've provided over 3500 customers in 100 plus countries with more than 20GW of PV modules, making us one of the leading solar companies worldwide. Canadian Solar was ranked as number one supplier in terms of price/performance ratio, module quality, and the most purchased brand in 2016 in IHS Markit survey.

Besides serving as a leading manufacturer of solar PV modules and provider of solar energy solutions, Canadian Solar has a geographically diversified pipeline of utility-scale power projects. Stand 1314.

Recently Canadian Solar is going to launch new Dual Cell Ku Modules and MV Station in Australia. For more information, please visit www.canadiansolar.com.au



Clenergy International is a publicly listed renewable energy company, founded in Australia, with offices spread across four continents.

Clenergy provides high quality, reliable and versatile solar PV mounting products and solutions for commercial, residential and utility-scale customers. Our strength is our R&D capability, our attention to quality and innovation, along with our commitment to service.

The company is now one of the largest mounting system manufacturers with projects and renewable energy investments in over 20 countries. Clenergy plays a leading role in the Australian market and through its customer focus it has rapidly gained popularity among systems integrators, distributors and installers. Stand 1514.



Founded in 1980, Hengdian Group DMEGC Magnetics Co.,Ltd (hereinafter called "DMEGC") was successfully listed in Shenzhen Stock Exchange in 2006. DMEGC is a high-tech company diversified in magnetic materials, renewable energies etc., with more than 15000 employees. Specialized in manufacturing for 37 years, DMEGC has established long term partnership with worldwide high-end customers like BOSCH, Valeo, Siemens, Microsoft, Apple, SHARP, Toshiba etc.

DMEGC Solar focuses on the R&D, production and sales of high performance solar PV cells and modules. At present, it has the annual production capacity of 600MW wafers, 1.6GW solar cells and 800MW modules. Stand 3028.



Ecoult is a high-tech Australian company taking the unique, CSIRO-invented UltraBattery/Eoan ultracapacitor and battery in one cellöout to the world.

We harness the versatility of the safe, multipurpose UltraBattery, putting it to work in homes, businesses, factories, farms and major power grids, on small and large scales. UltraFlex is our kilowatt powerhouse. It is: proven in the toughest applications; safe and fully sustainable; highly efficient (over 92%); multipurpose ñ multiplying ROI; tough and robust for Australia's varied climatic conditions; long lived, with end-of-life economic value.

When you deal with Ecoult you deal with the engineers who write the code, design the systems and create the solutions for the world's toughest energy storage problems. Stand 1528.



Prepare to be Impressed! NSEW Energy is exhibiting 3 new products that you won't want to miss.

Optimum Trackers: A refreshing entrant to the tracker market

Bluetop Solar Carports: Our patented carports will blow you away

Miasole Flexible Modules & Solar Tiles: Tomorrow has arrived early

Come and talk to us about your fixed tilt racking needs too. We are the Australian office for Mibet Energy and will have our residential, commercial and ground Mount systems on display. We have a lot to talk about this year. Whether you're an Engineer, Developer, Installer or Architect, come and visit our stand. We know you'll find our range refreshing and enlightening. Stand 3528.



Fronius Australia will be celebrating the Solar Energy Division's 25th anniversary at All Energy 2017. The Austrian based manufacturer has consistently stood for reliability, quality and industry experience.

On its silver anniversary, Fronius Australia will be celebrating partnerships with Victron, Selectronic and SOLARWATT by displaying both AC and DC coupled storage solutions. Fronius engineers will also be discussing integration with LG Chem batteries.

On display will also be Fronius' first integrated heat immersion controller; the Fronius Ohmpilot. The Ohmpilot is designed to use excess solar power to heat water – increasing self-consumption.

"We're excited to be involved with All Energy as it's one of Australia's largest gathering of industry professionals dedicated to a clean and sustainable future." – Fronius Australia Managing Director, Keshia Noronho.

Visit Fronius Australia at stand 2614 to see how you can join the renewable energy revolution. Stand 2614.



JinkoSolar is a global leader in the solar industry. JinkoSolar distributes its solar products and sells its solutions and services to a diversified international utility, commercial and residential customer base in China, the United States, Japan, Germany, the United Kingdom, Chile, South Africa, India, Mexico, Brazil, the United Arab Emirates, Italy, Spain, France, Belgium, and other countries and regions. Stand 2314.

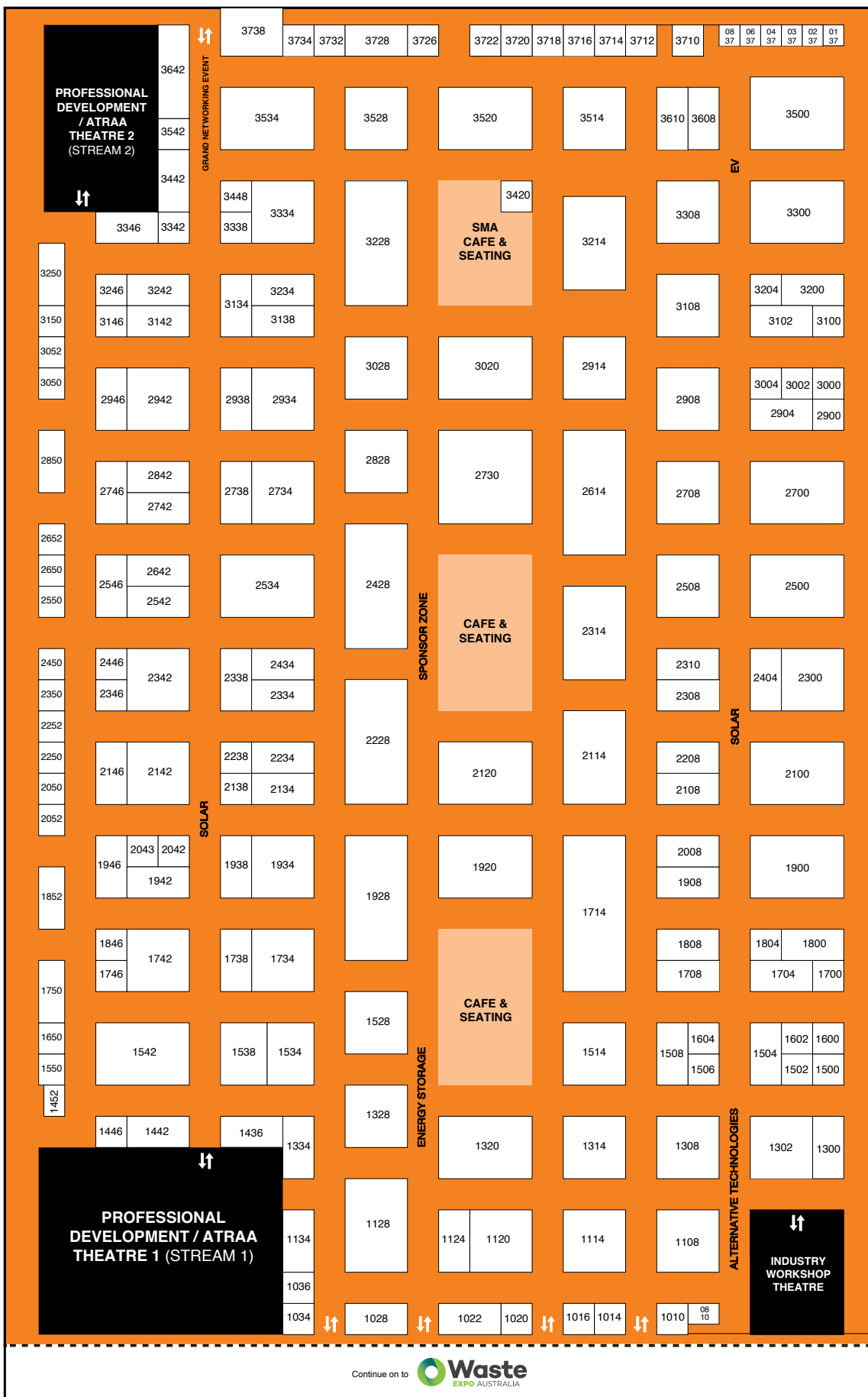


The pursuit of excellence - The SolaX Vision. The SolaX vision is to be a world leader in the development, production and distribution of solar inverters.

The product range incorporates the very latest in solar innovation thanks to the continued focus on R&D and unceasing commitment to pushing back the boundaries of what is possible ñ a journey that has led to the launch of the ground-breaking X-Hybrid battery storage system.

SolaX is at the forefront of energy storage technology, home to the market leading X-Hybrid battery storage inverter, we are leading the way in domestic and commercial storage applications. Stand 1714.

FLOOR PLAN



Continue on to  Waste EXPO AUSTRALIA

SEE WHO IS EXHIBITING WITH US IN 2017

Exhibitor	Stand	Exhibitor	Stand	Exhibitor	Stand	Exhibitor	Stand
ABB Australia	1928	Exide Technologies	3726	Ningbo Deye Inverter Technology	3200	Solar Juice	2738
AC Solar Warehouse	1742	Fiamm Asia Pacific	2946	NSEW Energy	3528	SolarEdge Technologies (Australia)	2428
Allgrand Battery	3338	Flex	3520	One Stop Warehouse	2228	Solarwatt	1534
Alpha Energy	2350	Fronius Australia	2614	Optimal Group Australia	2842	SolaX Power (Australia)	1714
Alteenergy Power System	1124	Fuji Bridex Australia	3704	Orion	3052	Solazone Vic	2550
Applied Nano Technologies	3142	Gamechange Solar LP	2642	Paragon Media	3734	Soltaro	1734
ARENA	3712	Geli	3708	Perlight	2300	Steca Elektronik GmbH	3246
Array Technologies, Inc	3020	Gildemeister Energy Sultions GmbH	3642	Phoenix Contact Australia	2742	Stion	3050
Arvio Pty Ltd	2650	Ginlong	2734	Pivotel Satellite	2050	Sungrow	3614
Australian Solar Council	1014	Green Energy Trading	2310	Power Equipment	2338	Sunvertec	1022
Australian Wind and Solar	1008	Green Power Solutions	3346	Powerark Solar	1320	SunWiz	2108
AWM Electrical	2342	Greenbank Environmental	2942	Poweroad Renewable Energy	3722	Sunwoda Electronic	2900
AXITEC Energy GmbH & Co. KG	2746	Grupo Clavijo	1934	Project H	3702	Supply Partners	3610
BayWa r.e.	3228	Hanwha Q CELLS Australia	1900	PurpleRubik New Energy Technology	1604	T4E Australia	2252
Beijing LinkData Technologies	3714	Hareon	2908	R & J Batteries	1442	Tai Zhou Phoenix Electric Hi-Tech	3100
Beijing UH Exhibition Service	1308	Hater	1120	Radlink Communications	1020	TBEA Xinjiang Sunoasis	3214
BST Power (Shenzhen)	1738	Helios New Energy Technology	2450	Redback Operations	1128	Tesla Motors	3500
BYD	1328	Hengdian Group Dmegc Magnetics	3028	Reposit Power	2446	Thycon Industrial	1114
Canadian Solar Australia	1314	HID Australia	1010	RF Industries	2534	Trina solar	2500
CBI-electric: Australia	3342	Hydrogenics Asia	3242	Rinovasol	1034	Turchi	2234
Ceramet Solar	3706	HyECO Power	1036	Risen Energy	2114	Unlimited Energy Australia	1550
China Aviation Lithium Battery	3720	Imeon Energy	2934	S&C Electric Company	2208	UZEnergy Limited	3150
Chint Electric	1700	Ingeteam Australia	2334	Saft Batteries	1446	Vermeer Equipment Holdings	2938
Chint Solar	1300	Intersugar	3701	Schletter Australia	3334	Victron Energy BV	2508
City of Melbourne	NA	INVT	3138	Sealed Performance Batteries	1436	Wattly	2042
Clean Energy Council	2434	IPD Group	3514	Seasun New Energy	3718	Wenzhou Benyi Electrical	2134
Clenergy Australia	1514	Jackery Power	1108	Selectronic Australia	1538	Westwick-Farrow Publishing	2043
CWP Renewables	3442	Jiangsu Aiduo Photovoltaic Technology	2146	Senec Australia	1750	Windturbine	2250
Dalian Transen Technology		Jiangsu Seraphim Solar System	3308	Senergy Technology (Shenzhen)	1808	Wuxi Xinhonye Wire&Cable	3004
DCS	1028	Jingsua Lead	3234	Shanghai B.r. Sci. Instrument	3000	Xiamen Antai New Way Energy Technology	3728
Delta Energy Systems (Australia)	2142	Jinko Solar	2314	Shanghai Jiukai Wire & Cable	1804	Xiamen Grace Solar Technology	3102
Department of Economic Development, Jobs, Transport + Resources	2120	JYC Battery Group	3448	Shanghai Zhongxin PYLON Technology	2828	Xiamen Hopergy Photovoltaic Technology	2904
DNV GL Singapore	1446	Krannich Solar	NA	Shenzhen Center Power Tech	1302	Xiamen Topunive	2138
DPA Solar	1746	Kuga Electrical	2850	Shenzhen FBTech	3732	YHI Power	1452
Drillmate	2652	LG Electronics Australia	1542	Shenzhen Growatt New Energy Technology	2404	Yingli Green Energy Australia	3300
Dyson (Shanxi) Renewabe Energy	2546	Lianyun gang Shenzhou Energy	3620	Shenzhen Leguo Chuangxin Technology	1502	ZECO Australian Energy Solutions	1650
Ecocult	1528	Lightway Australia	1908	Shenzhen PowerOak Newener	1134	Zhangjiagang Fortunes Solar Technology	1500
Edge Electrons Limited	3703	Longi Solar	2730	Shenzhen Topband	1506	Zhe Jiang Bld Solar Technology	1508
Edina	2308	M2M One	1016	Shunfeng International Clean Energy (SFCE) Australia	3534	Zhejiang Suntek photovoltaic	1600
EEMB Energy Power	1704	MAK Fasteners	1334	Simax (Suzhou) Green New Energy	1942	Zhejiang Xinch Electric	2008
Emerging Energy Solutions Group	2100	Metrowest	3146	SMA Australia	3420	Zhongli Talesun Solar	3108
EMSc Asia Pacific	1938	MOSO Power Supply Technology	1708	Sofarsolar	2914	Zhongshan Alltop Lighting	3002
Energy Efficiency Council	2346	MPower	1946	Sol Distribution	2708	Zimmermann PV Racking North America	1852
Energy Smart Water	1846	Nanjing Solark PV Technology	1602	Solar + Solutions	2700	Znshine Pv-Tech	1800
Enphase Energy Australia	NA	Narada	3134			Zocen	2238
Eterbright Solar Corporation	2542	NEXTracker	1920				
Exhibitions and Trade Fairs	2052	Nicest New Energy Technology	1504				

VIP PACKAGE



GET THE VIP TREATMENT at All-Energy 2017

VIP Package Inclusions:

- Priority seating at the sessions of your choice
- Catering
- Access to presentations post-event

How to Register as a VIP

When filling out the online registration form, simply select the VIP Package you prefer to become a VIP.

GRAND NETWORKING EVENT

Enjoy A FEW DRINKS AND ENTERTAINMENT IN A RELAXED INFORMAL ENVIRONMENT.

The Grand Networking Event is the ideal opportunity to unwind with friends, old and new, at the end of a busy first day at All-Energy Australia 2017.

Time: 5:00pm – 6:30pm

When: Wednesday 11th October 2017

Where: Exhibition Floor

Price: Free for All-Energy Australia 2017 visitors and exhibitors



ALL-ENERGY AUSTRALIA BUSINESS MATCHING



With between 4,500 and 5,000 people expected to attend All-Energy Australia 2017, this year's show promises to be the biggest yet. When you add in the 130+ exhibitors already confirmed, finding the right face in the crowd is not always easy.

That's where All-Energy Australia Business Matching comes in.

The All-Energy Australia Business Matching Program is a new service providing a personalised itinerary of meetings and content sessions that match your specific needs. This tailored program has been created to maximise your time onsite and ensure you get the most out of your time at All-Energy Australia.

How to register for our 2017 Business Matching Program

When filling out the online registration form, simply select your interest in the business matching program.

Further details will be sent to you regarding the program in coming weeks.