Smart Energy: The Federal Election
Peak Industry Body

Not for Profit

Since 1954

>1,000 members

>26,000 database

Renewables. Storage. Smart Energy
Our Members

PLATINUM MEMBERS

- REDBACK TECHNOLOGIES
- greenbank environmental
- SOLAX INNOVATION
- LYON GROUP
- INTEGRA ENERGY GROUP
- LG Chem
- GreenPower Investment
- HUAWEI
- LONGi Solar
- PROSUN SOLAR
- brighte
- Essential.
- CWP Renewables
- Eguana Technologies
- LAW QUARTER
- Harvey Norman Commercial Division
- Selectronic
- sonnen
- Century Yuasa
- POWER FACTORS DRIVE
- ENPHASE.
- EISS Super
- RDA
- windlab
- SGB-SMIT Group
Our Members

SILVER MEMBERS

Brave Energy Systems
DNV·GL
ERDS Electrical Renewable Design Services Pty Ltd
EPS Environmental Property Services
PLANET ARK Power
Green Energy Trading
Jinko Solar
SOLARJUICE
LG Life's Good
tradefor green
off-gridenergy
SSE
SPB Sealed Performance Batteries
T3Sol from the heart of the sun®
RED Appointments
dnR Recruitment Specialists
SOLAR DEPOs
Vermeer
Rinovasol
Solar Gain Solar Energy Specialists
ITP Renewables
simplifi phi
B ONE All Things. Be One™
dice Australia
VSUN Energy
Solar Group
Rheem
Enviro Group
earthconnect
UL
EnerTECH
Phillip Riley
Suntech
Vector
Sola Stor
Sunverge Renewable Made Reliable
<table>
<thead>
<tr>
<th>AC Solar Warehouse</th>
<th>Edson Global</th>
<th>Onsite Energy Solutions</th>
<th>Solar Wholesalers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amplitude Consultants</td>
<td>Energy Ease</td>
<td>Origin Energy</td>
<td>Solargain</td>
</tr>
<tr>
<td>Apogee Energy</td>
<td>Enervision Australia</td>
<td>Orion</td>
<td>Springers Solar</td>
</tr>
<tr>
<td>Auspac Energy Technologies</td>
<td>FlexiGroup</td>
<td>Q-Cells Australia</td>
<td>Todae Solar</td>
</tr>
<tr>
<td>Australian All Energy Solutions</td>
<td>Freshwater Group</td>
<td>Rainbow Power Company</td>
<td>Unlimited Energy Australia</td>
</tr>
<tr>
<td>Aztech International</td>
<td>Fronius Australia</td>
<td>REC Solar</td>
<td>Velocity Electrical</td>
</tr>
<tr>
<td>B&amp;R Enclosures</td>
<td>Future X Group</td>
<td>RedEarth Energy Storage</td>
<td>Velocity Energy</td>
</tr>
<tr>
<td>Betta Batteries</td>
<td>global-roam</td>
<td>Renewable Energy Traders</td>
<td>Victron Energy B.V.</td>
</tr>
<tr>
<td>BSA</td>
<td>Governance Insight</td>
<td>Australia</td>
<td>VRB Energy</td>
</tr>
<tr>
<td>CleanPeak Energy</td>
<td>Helios Renewable Energy</td>
<td>Reposit Power</td>
<td>WINAICO Australia</td>
</tr>
<tr>
<td>Clean Technology Partners</td>
<td>Island Solar</td>
<td>Revolusun power</td>
<td>ZAPD Energy</td>
</tr>
<tr>
<td>C1energy</td>
<td>K&amp;L Gates</td>
<td>Smart Renewables</td>
<td>Zeromow</td>
</tr>
<tr>
<td>Crystal Solar Energy</td>
<td>Lendfin</td>
<td>Solar Calculator</td>
<td></td>
</tr>
<tr>
<td>CSA Services</td>
<td>Maxstar Holdings</td>
<td>Solar Choice</td>
<td></td>
</tr>
<tr>
<td>Ecoute</td>
<td>Natural Solar</td>
<td>Solar Storage Australia</td>
<td></td>
</tr>
</tbody>
</table>
Member Diversity

Manufacturers
Installers
Insurers
Certificate Traders
Consultants
Distributors
Recruiters
Financiers
Developers
Many More....
“Rainforests are non-burnable. That’s one of their distinguishing features”

David Bowman, Professor of Pyrogeography and Fire Science, University of Tasmania

Homes lost in QLD, NSW, VIC, TAS
200,000 hectares burnt in Tasmania
209 Heat Records Smashed

Port Augusta **49.5 degrees** 24 January 2019

Marble Bar, **32 days of 45 degrees or more**

Bourke **21 consecutive days above 40 degrees**
Wildfires rage in Arctic Circle as Sweden calls for help

32.2 degrees Celsius in Arctic Circle
1 Degree So Far.....
Average of projections:
3.1 Degree rise
A Critical Decade

Powering Past Coal Alliance

No coal by:

- **2030** OECD
- **2050** Rest of World

80 countries have signed on

**UK (2025), Canada, France, Mexico, New Zealand**
Australia only nation to join US at pro-coal event at COP24 climate talks

11 December 2018

Australia is a Global Pariah...
Part 1 - Coal
The Big Picture

Sell as much coal for as long as possible

Keep coal generation open for as long as possible

Build new coal generation here and abroad
Scrap renewable energy targets and support

Undermine public confidence – ‘Renewable Energy is unreliable’

Increase cost of renewable energy projects

Increase subsidies for coal
Coalition backs Hanson motion for new coal-fired power stations

Hanson’s motion defeated, but move signals government’s push to bankroll coal in national energy guarantee
Federal MP George Christensen wants a clean coal-fired power station in the region to lower electricity costs and secure more jobs.

MP in Japan to try secure clean-coal station in Mackay
247,000 square kilometers

Largest un-mined coal seam in world

If it were a country – 7th largest emitter

More than UK or Canada
Must **phase out** existing coal stations

No new mines possible
NO FUTURE IN FOSSIL FUELS

GREENPEACE
Part 2 - The Result
Prime Minister
Barnaby Joyce says Australia should build new coal-fired power stations

Nationals leader says he would not oppose taxpayers subsiding the building of new coal-fired plants
New Energy Minister
Anti-Wind Campaigner
We're committed to bringing prices down...

Among other things...
Environment minister backs Paris targets, open to coal-fired power

Melissa Price, the WA MP for one of the world’s biggest electorate, is Australia’s new environment minister.

Photo: Alex Ellinghausen
Environment Minister Melissa Price signs off on Adani project

Groundwater approval given against expert advice

Days before federal election called
Abolish CEFC
Abolish ARENA
Abolish the RET
Abolish the SRES

Proposed a NEG with a tiny emissions target

The LRET ends next year – replaced with... nothing
Part 3 – Election Time!
76% decided before election called

Odds tightening

Started 54/46 to Labor

Now 51/49 to Labor

2 weeks to go…
Labor Policy

At least 50% renewables by 2030

45% emission reduction by 2030

1 million home batteries by 2025

$10bn for CEFC for renewables grid

Support for electric vehicles

Support for renewables training
Pro Renewable Conservatives

Oliver Yates
Independent for Kooyong

Zali Steggall
Independent for Warringah
Mission Priority

Shift the Conservative Side of Politics

1. Hit hard

2. Weed out worst offenders
UK becomes first country to declare a ‘climate emergency’

May 2, 2019 5.56pm AEST

Remember: UK bans coal by 2025
Solar PV – The Cheapest
Why are Costs Falling?
Smart Energy Transition Plan

Accelerated transition plan to zero carbon emissions by 2030

An orderly, planned and lowest cost transition of the energy sector

Providing certainty and ensuring a just transition
Will You Act?

If not us – then who?