

# SOLAR HEROES

**5 MILLION**

SOLAR HEROES HAVE SOLAR PV  
AND/OR SOLAR HOT WATER



## BECAUSE OF OUR SOLAR HEROES:

- Electricity demand is down
- Line losses are down
- Peak demand\* is down
- Blackouts are down
- Wholesale electricity prices are down
- Expensive network costs are down

\*most expensive electricity

**BY 2015/16 SMALL SCALE SOLAR WILL SAVE ALL CUSTOMERS MORE THAN IT COSTS**

Source: REC Traders Association Report of Electricity Prices February 2014



**Average Solar PV System:**

**CUTS POWER BILLS BY MORE THAN 65%**



**Average Solar Hot Water System:**

**CUTS POWER BILLS BY 21%**



## BY INVESTING THEIR OWN MONEY SOLAR HEROES (MUMS & DADS) HAVE BUILT AN INDUSTRY AND HAVE:



Invested more than \$8bn



Created more than 18,500 jobs



Supported more than 4,500 businesses



Constructed a 3GW solar PV 'peoples power plant'



Helped take 2.8GW coal fired generation offline

## BY 2020:

Current solar will reduce emissions by 93,000,000 tons

Same as taking 19,375,000 cars off the road



**IF YOU ARE A SOLAR HERO  
— TAKE A BOW**

LET'S HELP ALL AUSSIES BECOME SOLAR HEROES

**SOLAR SAVES MONEY AND CREATES JOBS**



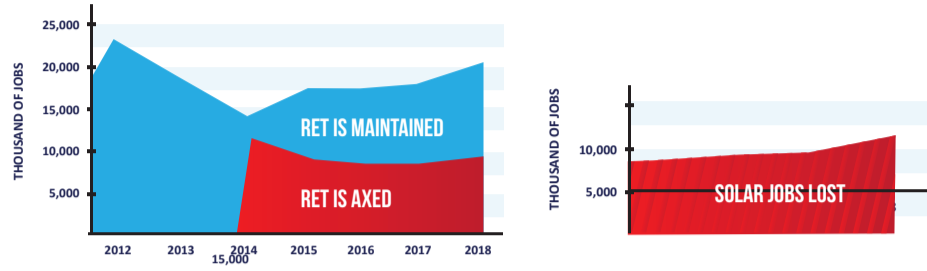
AUSTRALIAN SOLAR COUNCIL  
THE NATIONAL VOICE OF SOLAR  
SOLAR SAVES MONEY AND CREATES JOBS



# SOLAR JOBS IN AUSTRALIA

BY 2018 12,600 SOLAR JOBS COULD GO

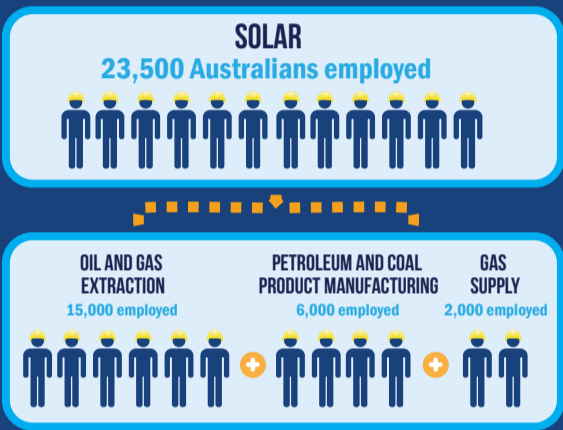
2 SCENARIOS FOR SOLAR JOBS:



Source: Solar Business Services report for REC Agents Association (2014), Impact of Abolishing the Renewable Energy Target on Jobs in the Australian Solar Industry

IN 2012, SOLAR EMPLOYED MORE AUSTRALIANS THAN OIL AND GAS EXTRACTION, GAS SUPPLY AND PETROLEUM AND COAL PRODUCT MANUFACTURING COMBINED.

Source: Solar Business Services report for RAA, 2014



Source: Bureau of Resources and Energy Economics, Energy in Australia 2013

## SOLAR JOBS



UNITED STATES

SOLAR JOBS ARE BOOMING IN THE US

- 44.5% solar firms to add solar workers
- 2% solar firms to shed workers
- 15.6% solar employment growth

Source: National Solar Jobs Census 2013, The Solar Foundation



AUSTRALIA

IF RET IS AXED

- 81% solar firms will sack staff
- 2% solar firms will employ staff

BUT...IF THE RET IS MAINTAINED

- 60% solar firms who will employ more staff

Source: Australian Solar Council

## SOLAR R&D



26 TAFEs and RTOs offer accredited courses in renewable energy.



11 universities offer coursework-based degrees in renewable energy.



18 universities offer research degrees in renewable energy.

Source: Australian Renewable Energy Training and Workforce Strategy for 2020

BY 2018  
12,600 SOLAR JOBS COULD GO

SAVE THE RET

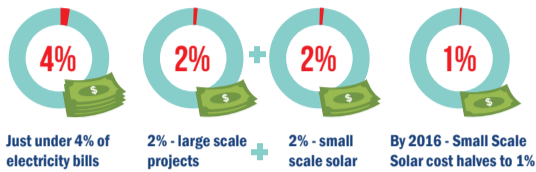


[www.solar.org.au](http://www.solar.org.au)

# IN 2015/16 HOUSEHOLD SOLAR WILL SAVE ALL AUSTRALIANS MORE THAN IT COSTS

Source: REC Agents Association Report on Electricity Prices February 2014

## HOW MUCH DOES THE RENEWABLE ENERGY TARGET COST?



Source: REC Agents Association Report on Electricity Prices February 2014

## HOW MUCH DOES SOLAR SAVE?

All Australians save because solar:



BECAUSE OF THIS... IN 2015/16 SMALL SCALE SOLAR WILL SAVE ALL AUSTRALIANS MORE THAN IT COSTS

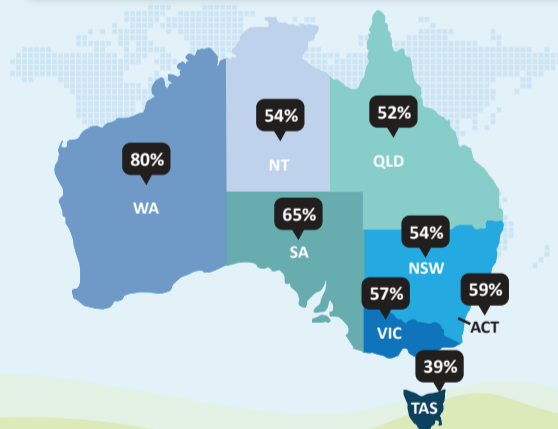
Source: REC Agents Association Report on Electricity Prices February 2014

## WHY HAVE POWER BILLS GONE UP?



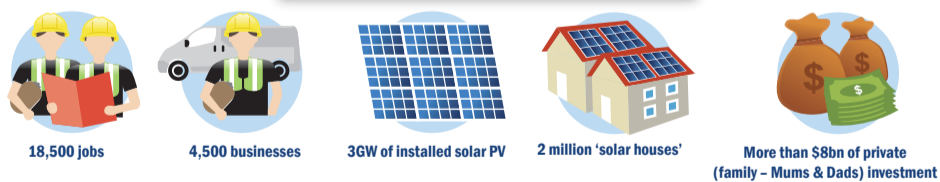
Source: The Australian Energy Market Commission (AEMC) report "Possible Future Retail Electricity Price Movements: 1 July 2011 to 30 June 2014"

## A 3KW SOLAR PV SYSTEM WILL CUT THE AVERAGE POWER BILL BY:



Source: Australian Solar Council SolarPlus database, Australian Census 2011

## WHAT HAS SMALL SCALE SOLAR DELIVERED?



Source: Australian Solar Council

SOLAR SAVES EVERYONE MONEY AND CREATES JOBS