A grayscale photograph of a person's hands holding a smartphone. The person is wearing a dark jacket and a watch on their left wrist. The background is blurred, showing what appears to be a desk with a laptop. Overlaid on the image is the text "First, let's look at the problem". The word "problem" is highlighted in a bright yellow-green color, while the rest of the text is white.

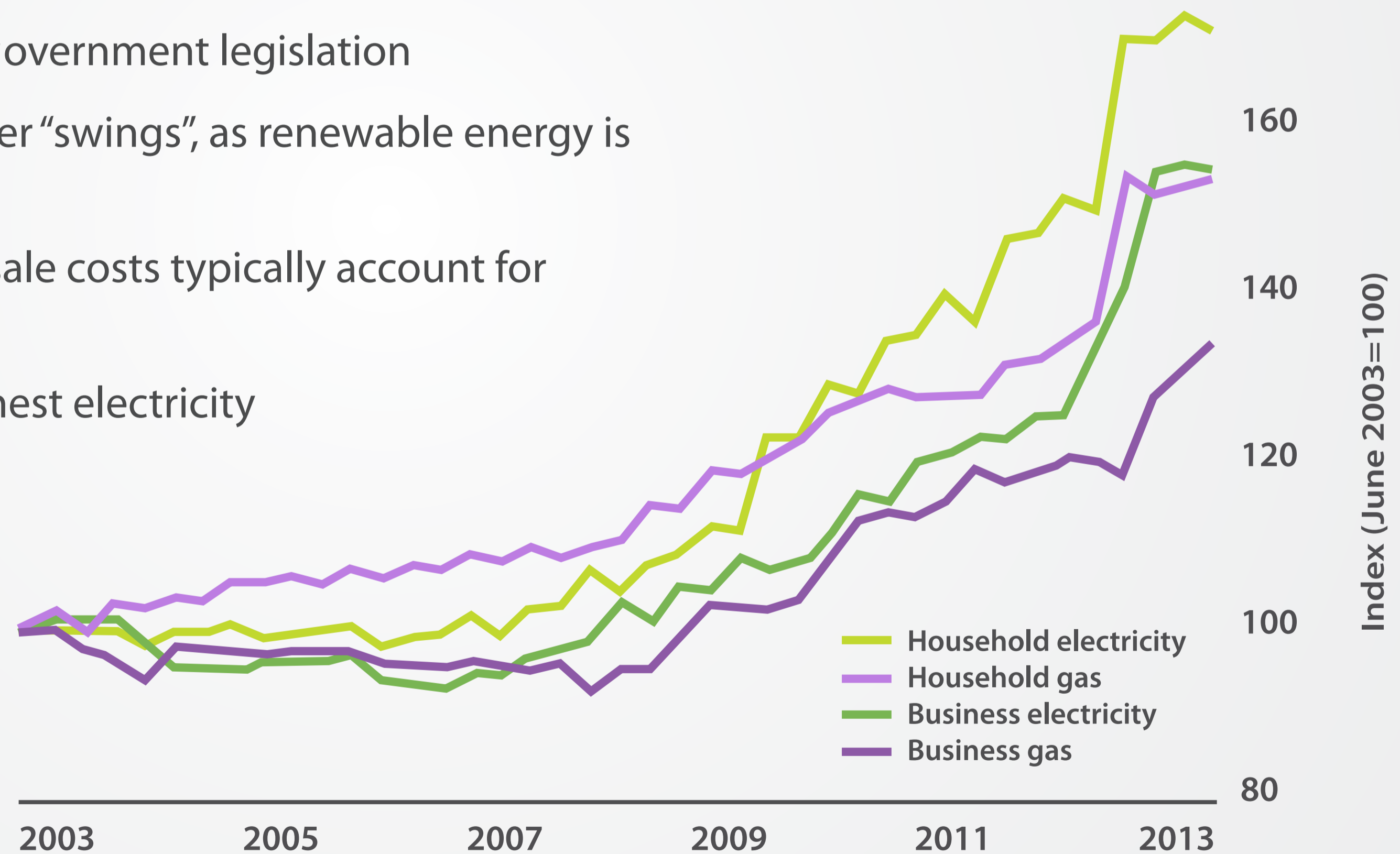
First, let's look
at the **problem**

The rising cost of electricity...

History shows that the price of electricity is increasing at an exponential rate without any signs of slowing.

Key factors continue to increase electricity costs:

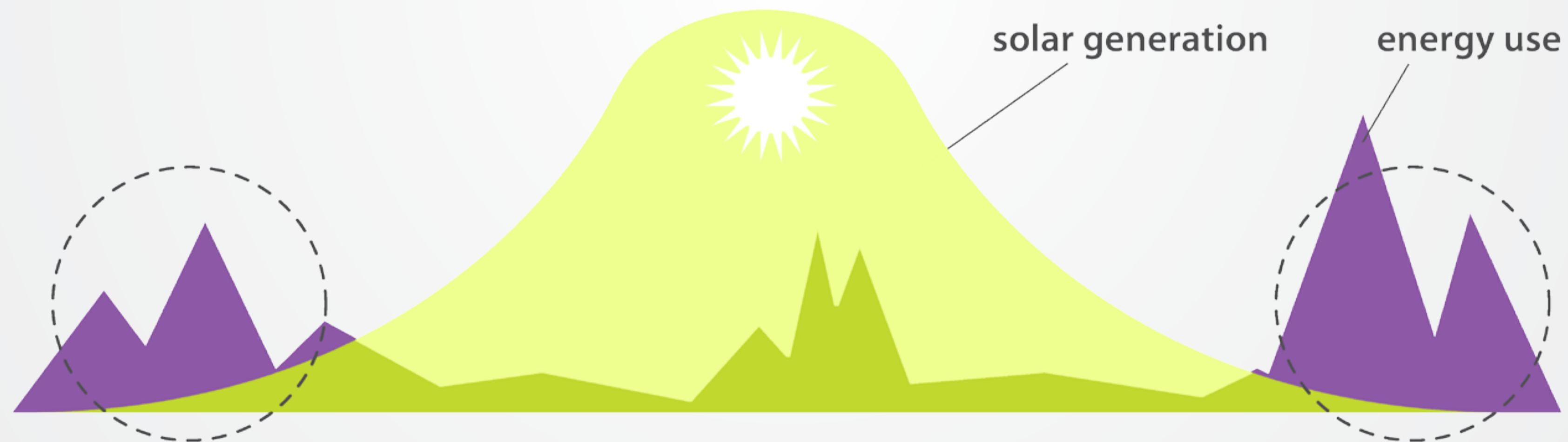
- Renewable energy targets and government legislation
- Peak power demands have bigger “swings”, as renewable energy is produced off-peak
- Transporting energy and wholesale costs typically account for three-quarters of the bill
- South Australia (SA) has the highest electricity costs in Australia
- Current electricity cost in SA is approx \$0.32 per KW
- Blackouts/Brownouts are occurring more often



Is solar power the solution?

Although solar power has been quickly adopted in Australia, home owners aren't getting a great return on investment (ROI). With solar being the predominant energy source, most power is being produced during the day when electricity is cheaper and not required.

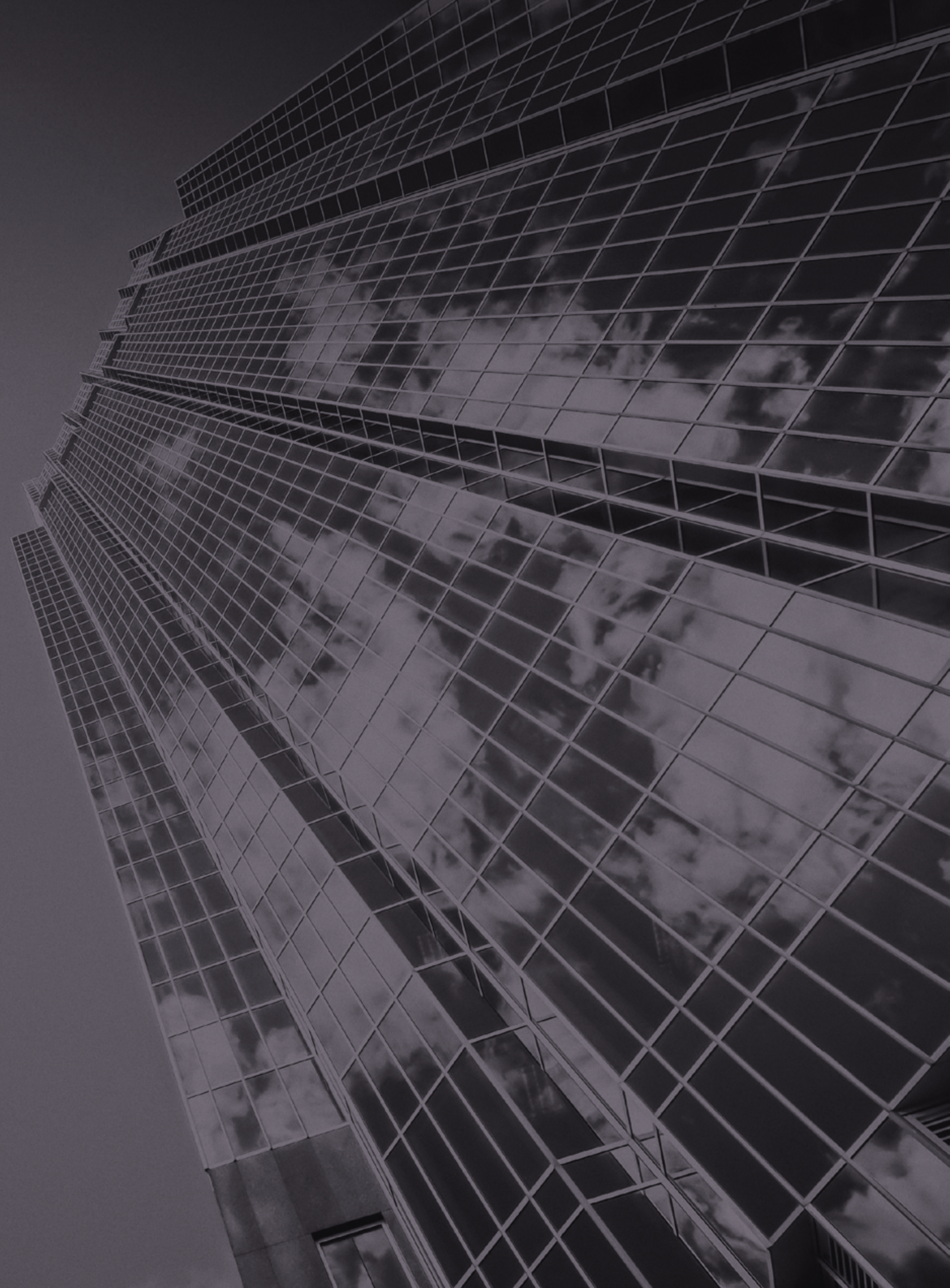
- Most electricity consumption in the home is during peak hours when rates are the most expensive
- Electricity prices are rising but "feed in tariffs" are minimal
- Feed in tariffs are being dramatically slashed and abolished in some cases



What if we could store solar power to substitute grid power when it is the most expensive?

**Generate.
Store.
Save.**

**Renewable Energy
Management**



Mini Power System (MPS)

The Mini Power System is a renewable energy generation and storage solution which enables users to generate, store and consume their own clean, free energy.

- The system supports multiple renewable energy inputs, and can be programmed to use grid or generator power as an automatic backup
- Various emerging battery technologies are supported by the system, meaning that new technology can be incorporated as it is released
- The MPS is scalable, available in different sizes to suit individual power needs
- The system is portable and can be moved between homes if relocating



*Designed in Australia.
Independently tested by
Griffith University.*



Return on Investment



5kva MPS Residential Package

- 3kw High quality solar
- Standard panel mounting
- 5kw MPS control unit
- 6.7kwh Usable battery storage
- Standard residential installation by a qualified & accredited installer

State	Residential Rate	Per Quarter (90 day) Savings*	ROI on \$11,500 installed system cost
QLD	24c/kwh	~\$690	4 years
NSW	27c/kwh	~\$790	3.9 years
VIC	25c/kwh	~\$720	3.8 years
SA	30c/kwh	~\$880	3.2 years
WA	26c/kwh	~\$760	3.7 years
NT	25c/kwh	~\$720	3.9 years
ACT	18c/kwh	~\$530	5.3 years
TAS	26c/kwh	~\$740	3.8 years

Finance options of 5 to 10 years available, no upfront investment required.

**Based on 30kwh/day capture and usage. Actual results may vary depending on the household's usage habits and location based factors. Not including savings on peak demand or price increases.*

This excludes any Government System Rebates. Adelaide City Council offers a \$5000 rebate for this system!

<http://www.adelaidecitycouncil.com/your-council/funding/sustainable-city-incentives-scheme#energy-storage>

The Market Leader

The MPS is a unique value proposition for home buyers:

- Home owners can save up to 80% of their electricity costs *
- ROI will continue to improve as electricity prices increase
- Potential government incentives available
- Home owners can experience the satisfaction of generating their own electricity to store and use as they need it
- Future-proof system supports multiple emerging battery technologies
- Finance options available — pay off the system with energy savings
- Possible to move system to another home

* Actual results may vary depending on the household's usage habits and location based factors

The next steps...

Moving forward we can revolutionise the industry, and create a new standard in the years to come.



INSTALLATION

Proceed with trial installation of MPS system in 10 homes



REAL DATA

3-6 month trial period will support ROI case providing "real life" numbers



MARKETING

Opportunity to produce a complete and comprehensive marketing program



MEDIA

Involve various media channels, gaining recognition and awareness through publicity