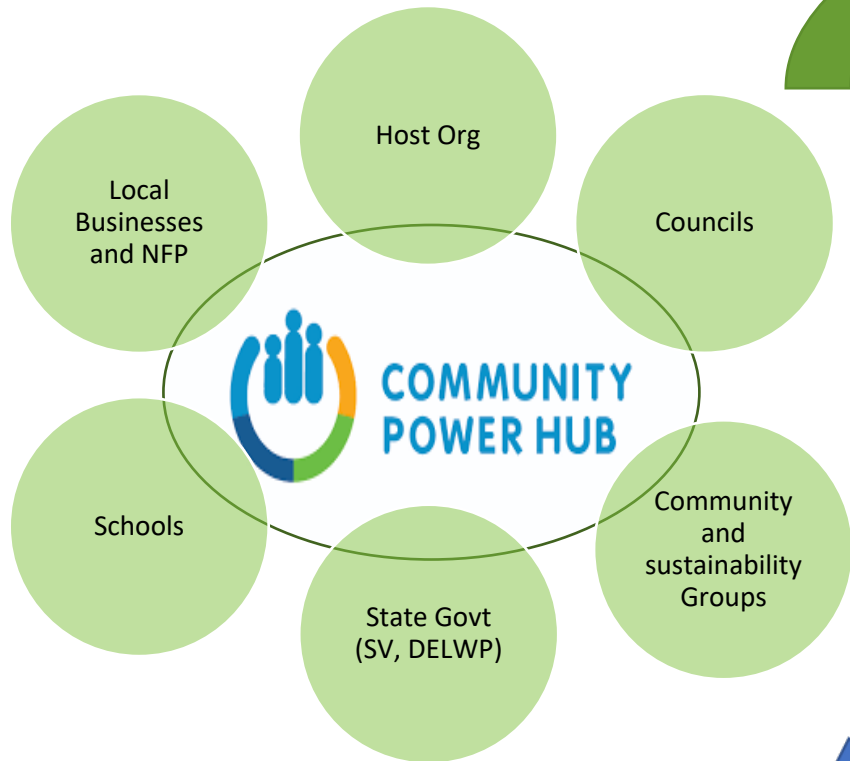




**COMMUNITY
POWER HUB
LATROBE VALLEY**

Pilot Community Power Hubs



2. The Hub provide assistance and resources- Testing the feasibility, viability and desirability of the idea

3. The Hub returns the bankable project to the community for local benefits



1. Local Communities develop ideas on community owned renewable energy





Central Deborah Mine
Pumped Hydro



Car Charging Array



Concentrated Solar
Collectors



Licola Wilderness Village

- This is an off grid system that is reliant of diesel generation.
- The hub has designed a replacement system comprising energy efficiency, solar, batteries and better synchronising controls which will reduce diesel consumption by more than 90%.
- Funding will be via the Latrobe Valley Authority and the Lions Club.
- Cost of the project is about \$840k.

THE ISOLATION FROM THE
GRID REPRESENTS A
UNIQUE OPPORTUNITY TO
DEMONSTRATE
+EDUCATE
ABOUT
SUSTAINABLE LIVING

THIS IS A PLAN TO
MAKE LICOLA...
**TOTALLY SELF
SUFFICIENT**



Yinnar Solar Footpath

- This project is the installation of solar powered lights to a footpath between the town and recreation reserves.
- The design has been finalised (very complex as this is a 100kmh road) and the potential tenderers defined.
- The tender for supply and install is being prepared by Latrobe City.
- Funding will be via Latrobe Valley Authority and Yinnar Progress Society.





Ramahyuck Aboriginal Coop Solar Farm

- There is the potential for a solar farm on aboriginal land at Longford.
- The site is capable of 6.5MW
- Pending support from indigenous organisations it may proceed.
- The project would be further helped if a white label retailer “Ramahyuck Power” is included in the project.



GIPPY BULK BUY

*A solar program from Latrobe Valley
Community Power Hub, Baw Baw,
Latrobe, and Wellington Shire Councils*



Gippsland Bulk Buy

- Fifteen community meetings.
- 300KW installed another 50 leads.
- The announcement of the Solar Victoria grants has greatly increased enquiries.
- Including locally manufactured hot water systems via Earthworker.

First check your energy usage
(compare.energy.vic.gov.au)

Get a scorecard assessment.
(www.energise Gippsland.org)

With solar you may need to change the times you
use your appliances



Pricing

System Size (kW)	Inverter Brand		
	Solis	Fronius	SolarEdge
2.16	\$3,313.55	\$4,169.34	\$ 4,267.97
3.24	\$4,046.21	\$4,780.96	\$ 5,102.03
4.32	\$4,707.64	\$5,634.88	\$ 6,053.35
5.4	\$5,447.37	\$6,519.56	\$ 7,014.83
9.72	\$9,894.22	\$10,983.59	\$ 11,768.59

Solar Victoria Rebate

Solar Panels (PV) Rebate

We are making solar panels more affordable than ever before. The package will provide a rebate on the cost of a solar PV system, up to a maximum of \$2,225.



Rebate* up to a **maximum of \$2,225**



Typical households can **save \$890 per year on their bills**

Solar Hot Water Rebate

We provide a rebate of up to \$1,000 on solar hot water systems. This is a great option for households where solar panels might not be suitable, or for households that already have solar panels installed.



Rebate* up to **\$1,000** on solar hot water systems



Typical households can **save \$160-400 per year on their bills**










Step 1: Apply for eligibility

- *Solar Victoria is the only place you can go to confirm your eligibility. Your installer cannot confirm your eligibility.*
- You need to get an eligibility number from us before you can apply for a rebate.
- To be eligible, you must be able to answer 'Yes' to the following questions and provide supporting documents as evidence that you meet the criteria:
- Do you have a combined taxable income of less than \$180,000 per annum? (based on the 2016/17 or 2017/18) tax assessment notices for the property owners as evidenced on the rates notice, or proof of pension income e.g. Centrelink payment summary
- Are you the owner-occupier of the property?
- Is the property valued at under \$3 million?
- I don't have solar PV on my property OR I am replacing my solar PV system that was installed before 1 November 2009*.
- Please note that households are only eligible for **one** rebate under the Solar Homes Package (ie. a household that accesses a solar PV rebate cannot claim a solar hot water rebate and vice versa).

Solar Victoria Key Points

- Two rebates: Solar Panel Rebate and Solar Hot Water Rebate BUT YOU CAN ONLY CLAIM FOR ONE.
- From July 1st there will be a rebate for batteries included as well. Eligible homeowners will be able to save up to \$4,838 on this installation.
- Solar for Renters program and Low Interest Loan are also available from July.
- Must be eligible and you should register first with Solar Victoria to determine whether you are eligible

Battery considerations

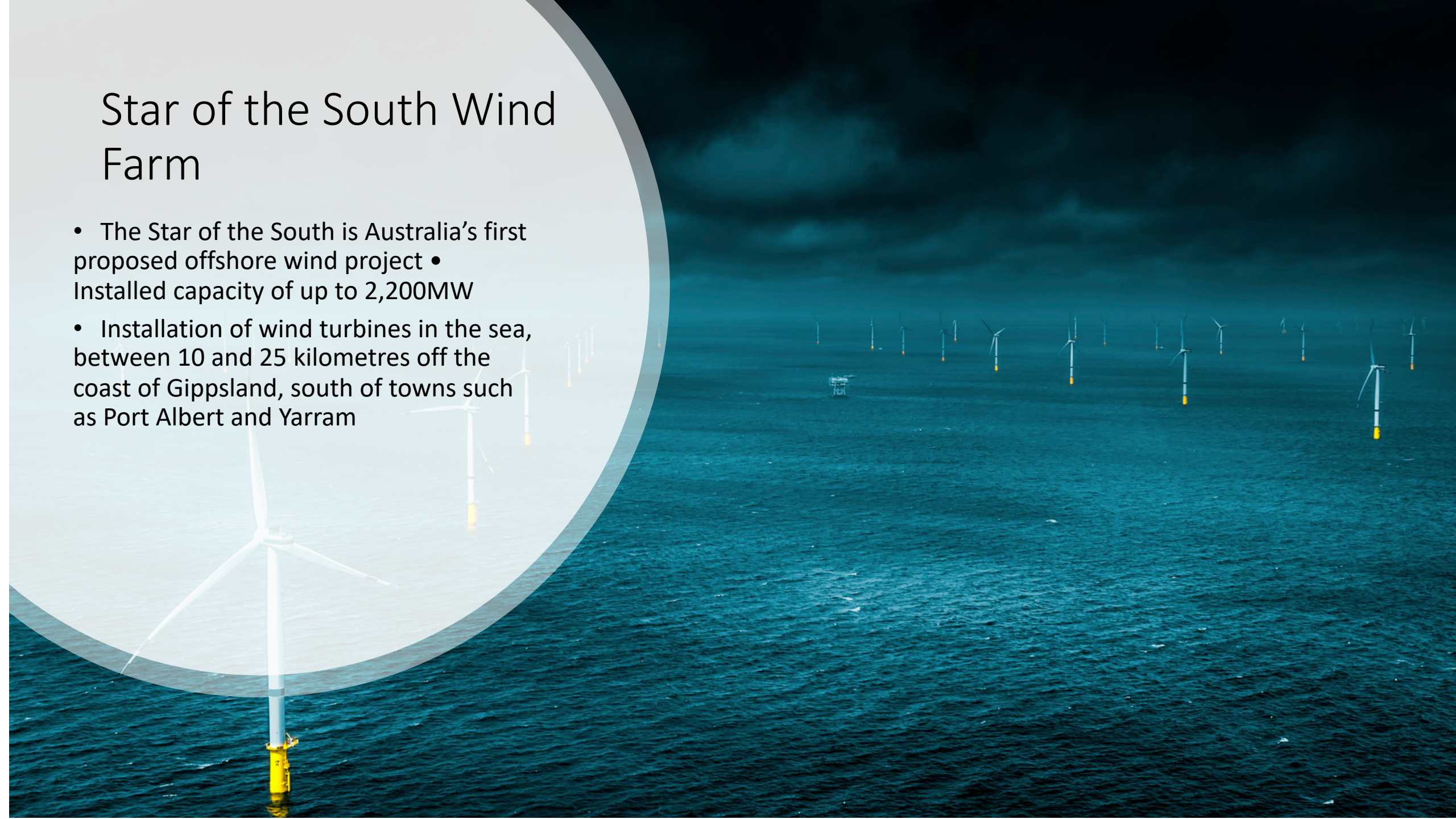
Battery	Cost	Lifespan	Depth of Discharge
Lead Acid			
Lithium			
Saltwater			

“The tipping point's been reached: renewable energy is now a cheaper source of power for Australia's future electricity needs than coal”



Star of the South Wind Farm

- The Star of the South is Australia's first proposed offshore wind project •
Installed capacity of up to 2,200MW
- Installation of wind turbines in the sea, between 10 and 25 kilometres off the coast of Gippsland, south of towns such as Port Albert and Yarram





GCCN

GIPPSLAND CLIMATE CHANGE NETWORK