

## Media Release

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### **SEN press release – Broome’s future is renewable**

- Study shows that over 80% renewable energy in Broome achievable
- Renewable energy is three-quarters the cost of LNG
- Perfect opportunity for McGowan government to support transition to renewables

A new study has demonstrated that electricity generation in Broome, Western Australia, can be achieved with over 80% renewable energy at three-quarters of the price of gas-fired (LNG) generation, resulting in total lifetime savings of \$321 million.

The study, by advocacy group Sustainable Energy Now (SEN), assessed the feasibility of moving Broome's electricity generation to a renewable source.

The study's release comes at a time when Australia is increasing its efforts to transition to renewable energy, with a target of net-zero emissions by 2050. The WA Government has committed to reducing its own emissions by 80% by 2030.

Dr Rob Phillips from SEN presented the study's key findings in Broome on Monday (13<sup>th</sup> March 2023), at a launch attended by more than sixty residents, industry representatives and community leaders.

Dr Rob Phillips said:

“This plan will enable any landowner in Broome to install solar on their own rooftop.

High penetration of renewables with batteries in the Kimberley will drastically reduce the amount of fuel required for generation, increasing resilience in flood events.”

The report was commissioned by the Kimberley's peak conservation group Environs Kimberley and Lock the Gate. Environs Kimberley spokesperson Martin Pritchard said:

"Broome has the potential to become a leader in renewable energy, and this study shows that the transition to a clean energy future is not only feasible but also cheaper.

“This is a perfect opportunity for the McGowan government to support the transition to renewables in Broome. It fits in perfectly with the State Government's commitment to emissions reduction,” Mr Pritchard said.

There is an excellent opportunity to move from mostly gas to predominantly renewable energy generation at the conclusion of the existing LNG generation contract in 2027. This will be achieved by a mix of rooftop PV and solar farms, with substantial battery storage

## **Background Information**

### **Kimberley Clean Energy Roadmap: Key Findings**

[https://sen.asn.au/wp-content/uploads/Kimberley-Clean-Energy-Roadmap\\_Key\\_Findings\\_V6.2f.pdf](https://sen.asn.au/wp-content/uploads/Kimberley-Clean-Energy-Roadmap_Key_Findings_V6.2f.pdf)

### **Kimberley Clean Energy Roadmap: Executive Summary**



<https://sen.asn.au/wp-content/uploads/Kimberley-Clean-Energy-Roadmap-2018-executive-summary.pdf>

**Kimberley Clean Energy Roadmap: Full Report**

<https://sen.asn.au/wp-content/uploads/BroomeCleanEnergyReport2023.pdf>

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**More About SEN**

Sustainable Energy Now is an independent, not-for-profit, evidence-based advocacy group promoting a clean energy future. SEN advocates on how Western Australia can make a swift and orderly transition to clean renewable electricity safely, reliably, and affordably with commercially proven technologies.

SEN's vision is to phase out the vast majority of fossil fuel-based energy sources in WA by 2030 and transition towards 100% renewables and beyond.

Our mission is to model and promote practical, affordable strategies for the adoption of renewable energy toward a sustainable global future.

We provide presentations, submissions and briefings to government agencies, corporations, media, schools, community groups, politicians and hold public events.

<https://www.sen.asn.au/>

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