



# Commercialisation of the Graphite Energy solar storage receiver

GRAPHITE ENERGY PTY LIMITED

## AT A GLANCE

### Grant Recipient

Graphite Energy Pty Limited

### ASI Funding

\$1.8 million

### Total Project Value

\$3.8 million

This project aims to deliver to the global market a commercial solar storage product with a sustainable Levelised Cost of Energy (“LCOE”) that will be cost competitive with other non-renewable forms of energy.

The key challenges in developing and commercialising the Graphite Energy Solar Storage Receiver (Graphite Energy SSR) is determining the optimal product design and operating parameters, to maximise the Graphite Energy SSR’s solar efficiency.

The core product innovation relates to the base Graphite Energy SSR and Graphite Energy system technology that was developed for our NSW test facility. The Graphite Energy SSR, leverages the unique properties of graphite as an effective heat storage medium.

Although the product is ready for early stage commercialisation, the next challenge is to demonstrate that the Graphite Energy System can achieve a competitive LCOE. Once this is achieved, the project team will continue with the next generation of product development and commercialisation, to deliver a product that is competitive with other non-renewable forms of energy.

“We are well aware that the current cost of solar power is uneconomic. The team at Graphite Energy is focussed on developing and delivering an important component that is essential to making solar energy a competitive energy alternative.”

*Nick Bain, Chief Executive Officer.*

## Project Contact

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