



# ASX RELEASE

## Infigen Energy

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## INFIGEN INVESTS IN BATTERY ENERGY STORAGE SYSTEM

Infigen Energy (IFN:ASX) today announces its investment in a 25 MW / 52 MWh Battery Energy Storage System (BESS) in South Australia, using Tesla Powerpack technology.

Construction activities are expected to commence in the coming weeks. Infigen has entered into funding agreements with the South Australian (SA) Government and the Australian Renewable Energy Agency (ARENA) to co-fund the approximately \$38 million development. The SA Government and ARENA have each committed \$5 million in grant funding (\$10 million in total).

The BESS will be located adjacent to the 278.5 MW Lake Bonney Wind Farm and will be connected to the National Electricity Market (NEM) via the Mayurra substation owned by ElectraNet.

The BESS enables Infigen to firm at least an additional 18 MW<sup>1</sup> of power depending on the customer load profile.

Mr Ross Rolfe, Chief Executive Office of Infigen, said, "With the firming capability of the BESS Infigen will be able to expand its supply contracts from the Lake Bonney Wind Farm to additional commercial and industrial customers in South Australia, which is at the heart of our business strategy."

The operational benefits of the BESS are:

1. Firming<sup>2</sup> Infigen's SA portfolio: access to energy storage allows Infigen to enter into additional energy supply contracts with commercial and industrial customers.
2. System security in the NEM: the BESS can supply ancillary services ensuring increased security and quality of supply and fast response services as required.
3. Policy considerations: adding battery energy storage capability to the SA market is consistent with the objectives of energy policy, including the proposed National Energy Guarantee.

SA Minister for Energy Dan van Holst Pellekaan welcomed Infigen's investment.

"The Marshall Government are strong supporters of increasing battery storage to harness the full potential of South Australia's abundant renewable energy and the lower prices that will be delivered to households and businesses," said Mr van Holst Pellekaan.

Mr Ross Rolfe, said, "Infigen's strategy is to supply clean energy to our customers and participate in growth opportunities in the NEM. Our investment in the BESS demonstrates our continued solid progress in delivering on our strategy. We are delighted to be able to work with global technology leader Tesla, ARENA and the South Australian Government to contribute to improved energy security and reliability of supply for South Australian energy consumers."

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<sup>1</sup> The BESS has a maximum dispatch capacity of 25 megawatts of electricity and can store a maximum of 52 megawatts hours of energy. The estimation is based on 50-75% of 25 MW power rating.

<sup>2</sup> Access to dispatchable generation within the asset portfolio at times of low wind production to maintain a level of energy supply that has been committed for sale.



### **About Infigen Energy**

Infigen (ASX: IFN) is a leading Australian Securities Exchange (ASX) listed energy market participant delivering energy solutions to Australian businesses and large retailers.

Infigen supplies clean energy from a combination of renewable energy generation and firming solutions available from the broader energy market to Australian business customers.

Infigen is a licensed energy retailer in the National Electricity Market (NEM) regions of Queensland, New South Wales including the Australian Capital Territory, Victoria and South Australia. The company has wind generation assets in New South Wales, South Australia and Western Australia. Infigen is developing energy firming assets in the NEM to support its business strategy.

Infigen is proudly Australia's largest listed owner of wind power generators by installed capacity of 557MW and actively supports the communities in which it operates. For further information, please visit: [www.infigenenergy.com](http://www.infigenenergy.com)



## APPENDIX

### Project Summary

#### Technological:

Power rating	25 MW
Energy storage capacity	52 MWh
Minimum charging time	2 hours <sup>3</sup>
Model	Tesla Powerpack
Plant expected life	10-15 years
Connection	Mayurra Substation (owned by ElectraNet)
Completion of construction	Stage 1: 25 MW / 33 MWh - March 2019 Stage 2: 25 MW / 52 MWh - May 2019

#### Commercial:

Project cost	\$38 million
ARENA	\$5 million
Renewable Technology Fund (SA)	\$5 million
EPC contract	Tesla Motors Australia

Lake Bonney Wind Farm	Nameplate capacity	Commercial operation date	Estimated remaining asset life
Stage 1	80.5 MW	Mar 2005	12 years
Stage 2	159.0 MW	Sep 2008	15 years
Stage 3	39.0 MW	Jul 2010	17 years
<b>Total</b>	<b>278.5 MW</b>		

<sup>3</sup> The operation of the BESS will depend on the conditions on the NEM and environmental factors.