



29 July 2026

ASX:14D

## CONFERENCE PRESENTATION - TACTIC 2026

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**1414 Degrees Ltd** (ASX: 14D) ("1414 Degrees" or the "Company") attaches the presentation to be delivered by Chief Technology & Operations Officer, Dr Peter Yaron, at the Tactic 2026 Conference in Port Augusta, South Australia, later today on 29 July 2026. The presentation provides an overview of the Aurora Energy Precinct and its development pathway.

### AUTHORISED BY:

Dr Kevin Moriarty, Executive Chairman on behalf of the Board of Directors

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### ABOUT 1414 DEGREES LIMITED

1414 Degrees (ASX:14D) is advancing an integrated clean-energy and industrial decarbonisation platform spanning grid-scale storage, industrial heat, hydrogen and advanced battery materials.

**SiNTL™**: A silicon-enhanced anode material designed to increase lithium-ion battery energy density while remaining compatible with existing manufacturing processes.

**SiBrick®**: Silicon-based thermal energy storage media forming the foundation of the Company's long-duration energy storage systems.

**SiBox®** (Industrial Heat-as-a-Service): Long duration energy storage technology that converts low-cost renewable electricity into dispatchable high-temperature heat, supporting industrial decarbonisation across energy-intensive sectors.

**SiPhyR®**: A silicon-based methane pyrolysis reactor integrating thermal storage to produce low-emissions hydrogen and solid carbon using renewable energy sources.

1414 Degrees' technologies are unified by a single materials platform — leveraging silicon to store, convert and enhance energy across multiple sectors.

The Company's strategy combines near-term infrastructure revenue with scalable technology commercialisation, underpinned by deep expertise in energy-dense silicon systems and materials engineering. 1414 Degrees is developing the Aurora Energy Precinct in South Australia, a development-ready energy and industrial site spanning 16km<sup>2</sup> within the Upper Spencer Gulf Renewable Energy Zone. Aurora is designed for firm renewable electricity and co-located high-demand users, with grid access, development approvals and proximity to fibre infrastructure supporting global connectivity. The site is strategically positioned to support data centre operators and other energy-intensive industries requiring reliable, low-emissions power at scale. The Stage 1 140 MW / 280 MWh Battery Energy Storage System (BESS) represents a near-term revenue opportunity, with expansion potential aligned to customer demand.

For more information, please visit [www.1414degrees.com.au](http://www.1414degrees.com.au)



# AURORA ENERGY PRECINCT

Firmed power, land and transmission designed for the AI era.

Peter Yaron, Chief Technology & Operations Officer

29/07/26

Tactic 2026, Port Augusta.



# WHY AURORA, WHY NOW

Power + Transmission + Fibre + Water + Land =  
Everything major industrial energy users need in one place

Aurora was conceived as an energy precinct.

The rapid growth of AI and advanced computing has created a new class of infrastructure customer seeking the same fundamentals Aurora was designed around: power, transmission, fibre, water and room to expand.

For the Upper Spencer Gulf, that means the potential for construction activity, local contracts, skilled jobs and long-term investment.



# WHAT IS THE AURORA ENERGY PRECINCT

*A development-ready energy precinct built for large energy users*

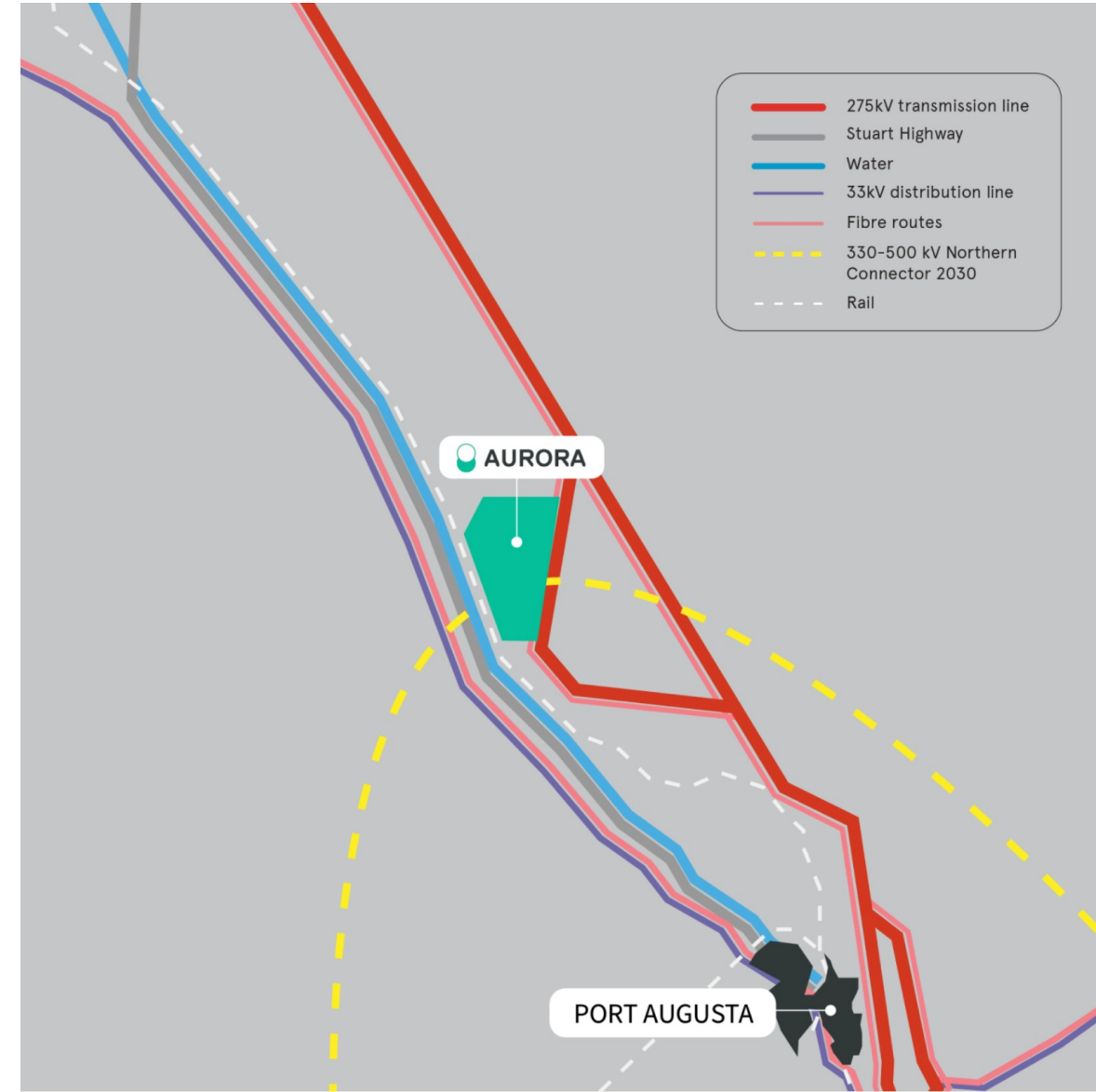
## Key Infrastructure

- Approved 140 MW / 280 MWh BESS
- Renewable generation
- 275 kV transmission corridor
- 33 kV distribution connection
- Fibre telecommunications
- Water

## Location

- 15.8 km<sup>2</sup> site with 40-year tenure
- 20 minutes from Port Augusta via Stuart Highway
- Within the Upper Spencer Gulf Renewable Energy Zone

Crown-sponsored with major planning and regulatory approvals already in place.



# WHAT'S HAPPENED SINCE 2025

Aurora has spent years building approvals and infrastructure pathways.

Today we're focused on turning those approvals into outcomes for the Upper Spencer Gulf.



AEMO acceptance of  
Generator Performance  
Standards for Aurora 140  
MW / 280 MWh BESS



Transmission connection  
progressing with  
ElectraNet



Practical 33 kV  
development pathway  
identified for near-term  
opportunities



Engagement with large  
scale energy users



Heads of Agreement  
signed for up to 1 GW of  
AI data centre  
infrastructure



Ongoing collaboration  
with government,  
industry and regional  
stakeholders



Long-term pathway  
remains for large-scale  
renewable generation at  
Aurora



# WHAT'S FIRST, WHAT'S NEXT?

## NEAR TERM

33 kV distribution line connection

- Practical pathway to commence development activities before larger transmission infrastructure is completed
  - EV charging
  - Modular data centres
  - Site services
  - Early construction activity

## LONG TERM

275 kV transmission line connection

- Supporting grid-scale generation, storage and large industrial and data centre loads



# A STAGED PATHWAY TO GIGAWATT SCALE



Heads of Agreement signed with a prospective AI infrastructure developer for staged deployment of up to 1 GW of data centre capacity at Aurora.

## **STAGE 1 — INITIAL CAMPUS DEVELOPMENT**

- Indicative 17 MW campus, drawing on the 33 kV connection already under development for EV charging
- Allows construction and activity to start on site ahead of full renewable build-out

## **STAGE 2 — LARGE SCALE CAMPUS**

- 200 MW campus, following connection of the 275 kV transmission line
- Brings larger-scale construction, operations and maintenance work to the region

## **STAGE 3 — GIGAWATT SCALE**

- Longer-term pathway to full 1 GW capacity, alongside Aurora's up to 900 MW of solar generation and the 140 MW / 280 MWh battery
- Sustained, long-term activity as the precinct scales

*Subject to due diligence, Board and regulatory approvals, and definitive agreements.*



# WHY IS AURORA ATTRACTING AI INTEREST

- ✓ Reliable scalable energy supply – backed by BESS and renewable generation
- ✓ High-capacity communications networks
- ✓ Reliable water supply
- ✓ Land with room to expand
- ✓ Long-term investment horizons

Aurora combines these requirements in a single location within the Upper Spencer Gulf.

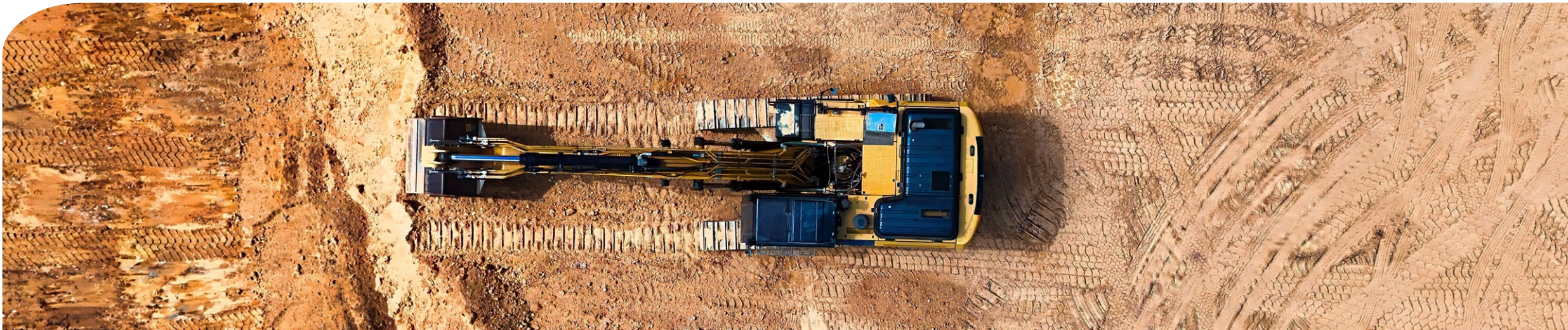




# WHAT AURORA COULD MEAN FOR THE REGION

Potential opportunities across:

- Civil construction
- Electrical works
- Earthworks
- Transport and logistics
- Equipment hire
- Maintenance services
- Security
- Professional services
- Engineering & professional services



# FROM APPROVALS TO DELIVERY

Aurora has spent years establishing approvals, infrastructure pathways and strategic partnerships.

The next phase will turn that foundation into projects, construction activity and long-term economic opportunities for the Upper Spencer Gulf.

We welcome conversations with local businesses, contractors and stakeholders who want to be part of that journey.







# THANK YOU

Peter Yaron, Chief Technology & Operations Officer  
1414 Degrees Limited

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