



Electrifying industrial heat

Investor Presentation

Dr Kevin Moriarty

Executive Chairman

1414 Degrees Ltd (ASX:14D)

July 2025

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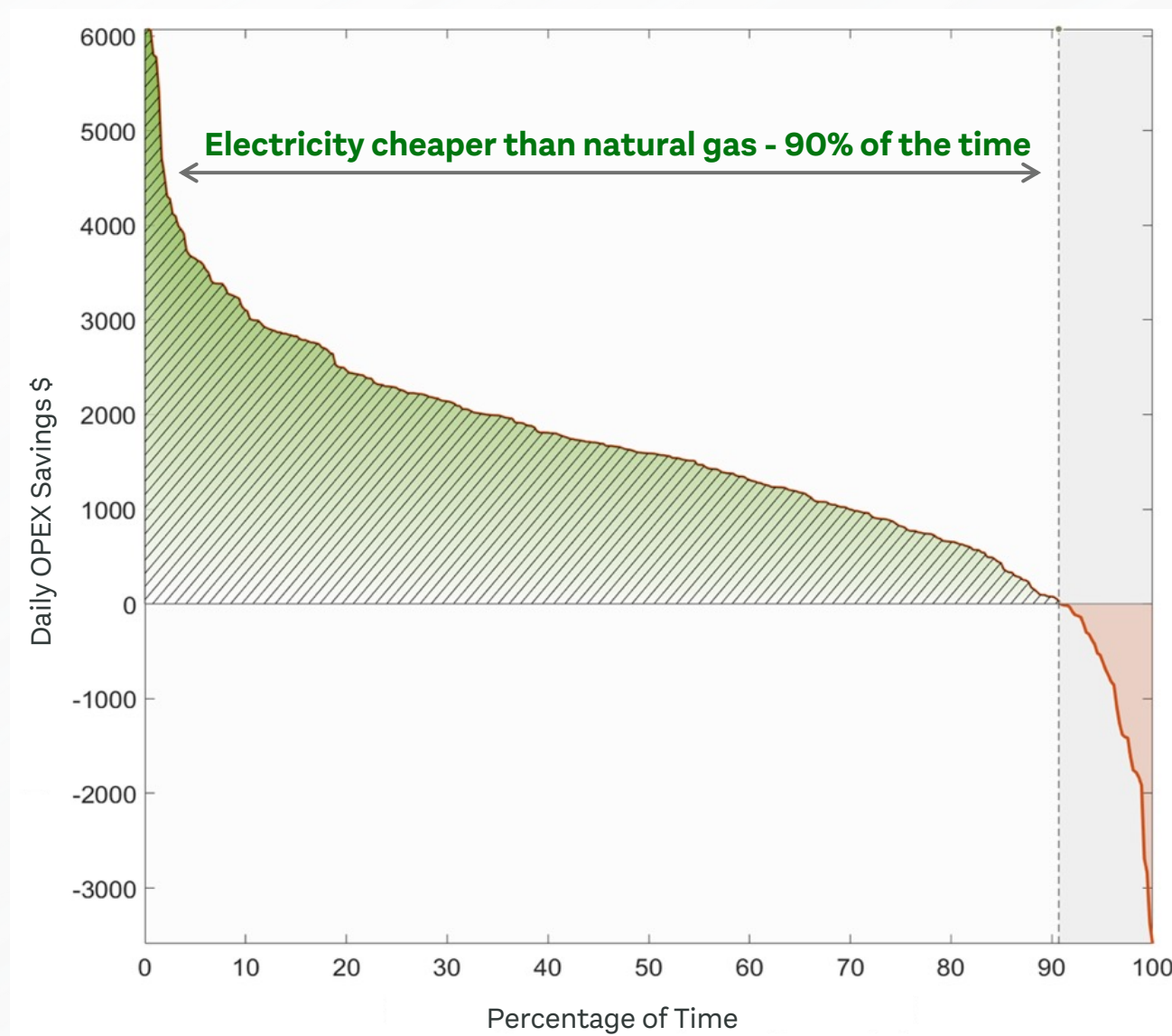
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Why electrify Process Heat?

As renewable generation dominates:

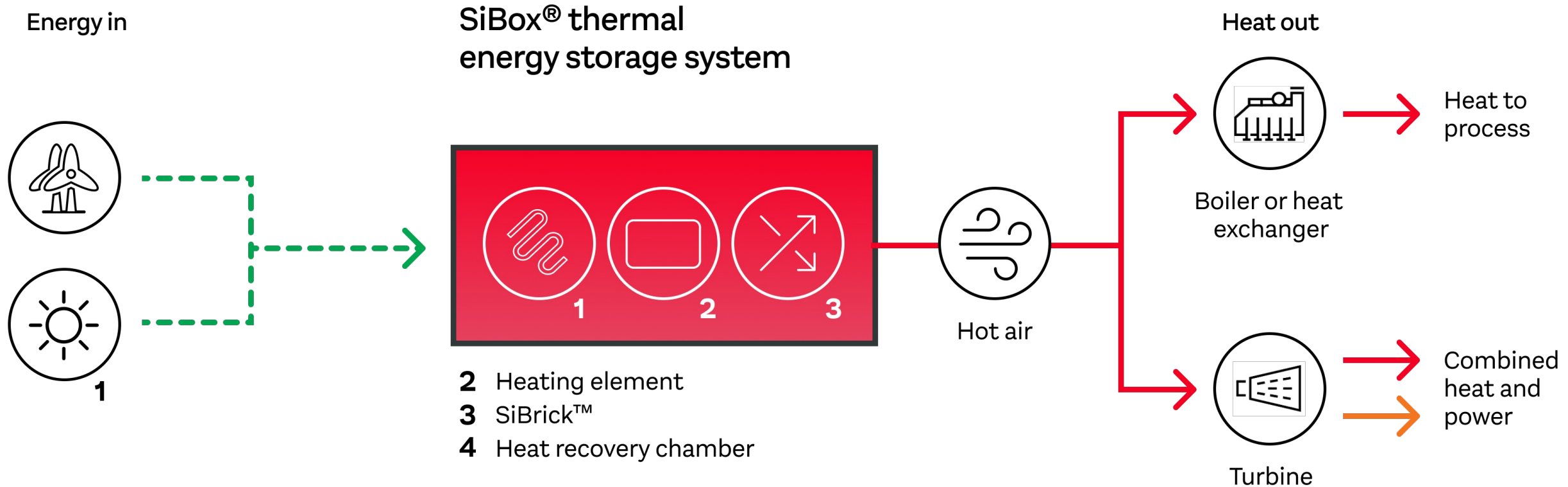
- Electricity costs fall below gas prices 90% of the time
- One technology. Two markets. Big upside.



Turning Cheap Renewable Energy Into Valuable Industrial Heat



SiBox® stores renewable energy as heat to replace natural gas



Supported by:

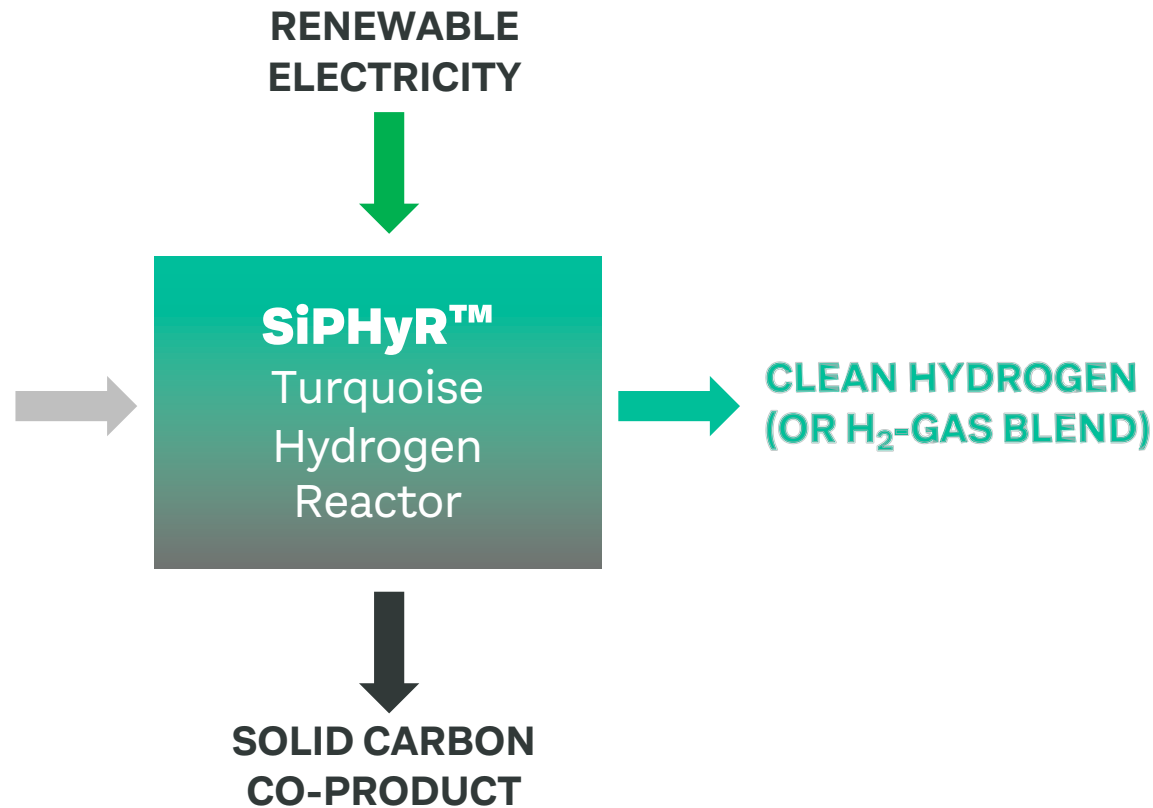


Australian Government

SiPHyR™ - Capturing the Turquoise Hydrogen Opportunity



Proprietary methane pyrolysis + renewable electricity → clean hydrogen & solid carbon
– faster, cheaper and scalable



Why SiPHyR?

- Faster & cheaper to deploy than blue or green H₂
- Leverages existing infrastructure – no new pipelines or transport needed
- Produces valuable solid carbon – no CO₂ emissions to manage

Massive Market Potential

- Low-emissions H₂ could meet 25% of global energy demand
- €10 trillion market at under US\$2/kg



140MW 2-hour Li-ion Battery Energy Storage System

Strategic position in zone with excess renewable generation to drive revenue from National Electricity Market



Clear path to scale and revenue



Proven technology, growing markets, and strategic execution driving long-term value creation.

We solve real problems

- Affordable decarbonised industrial heat
- Monetising grid volatility & stabilisation
- Low-cost hydrogen for existing gas pipelines

Multiple Revenue Streams

- Heat-as-a-Service contracts
- Grid services: FCAS, arbitrage & controllable load
- Emerging hydrogen sales into a €10T global market

Ready to Scale

- Proven technology with >8,000 operational hours
- Aurora Energy Precinct strategically located
- Strong partner network in place

Why now?

- Global shift to cheap solar & wind is underway
- Industry must decarbonise - 1414 delivers without added cost
- Proven tech + clear revenue pathways + strong competitive advantage





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Contact Us

ASX:14D

1414degrees.com.au

info@1414degrees.com.au

+61 8 8357 8273