



BUSINESS DECARBONISATION AND GROWTH



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PowerNet Capability Statement

What We Do

We manage electricity networks across

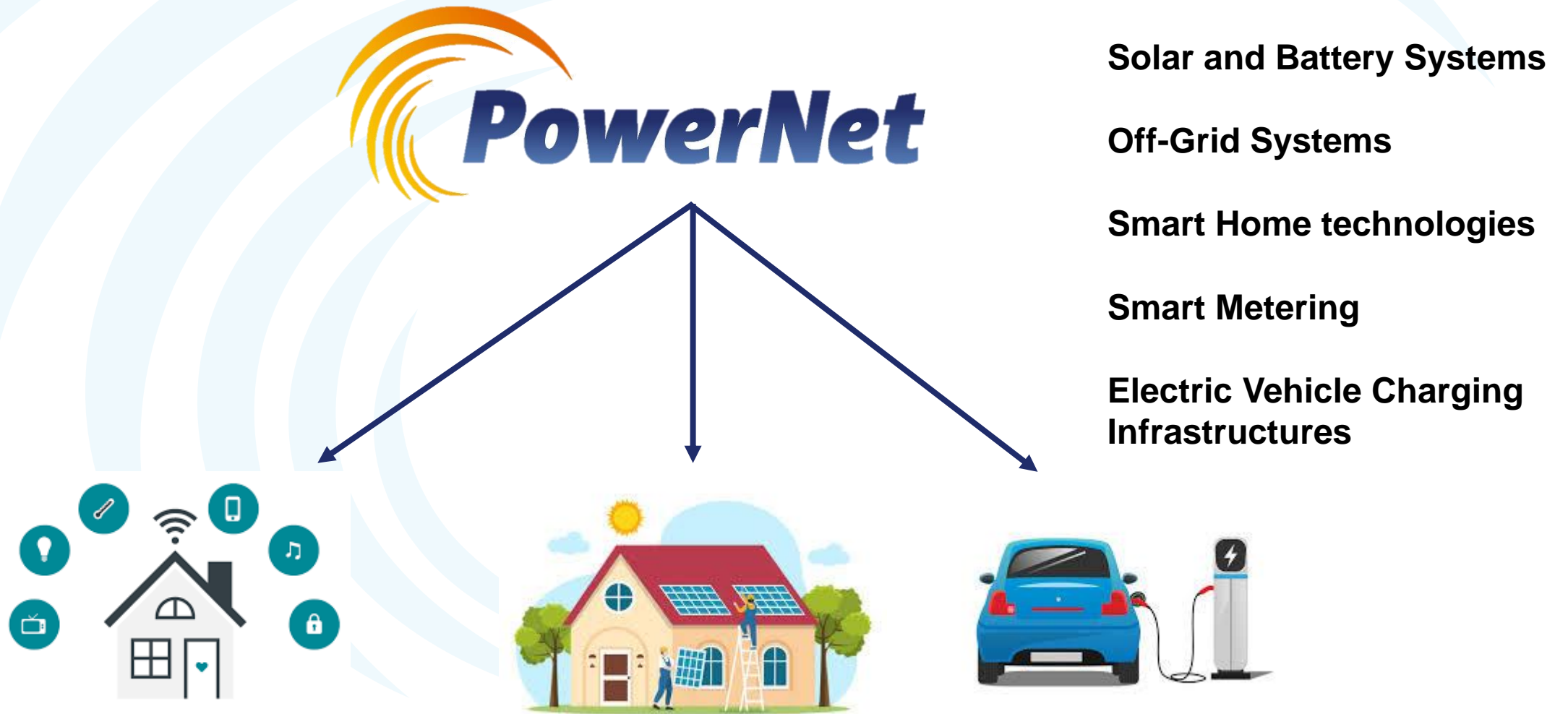
- Central Otago
- West Otago
- Queenstown-Lakes
- Southland
- Stewart Island

In 2023-2024, PowerNet has

- \$805 million of assets & investments under management
- 304 employees across region
- 76,500 Customers
- \$108.2m Annual Turnover
- 14,000 km lines, 74 subs
- \$60-\$80m pa Capital Spend
- \$25-\$35m pa Operational Spend



New Energy Capabilities



Solar and Battery Systems

Off-Grid Systems

Smart Home technologies

Smart Metering

**Electric Vehicle Charging
Infrastructures**

Lakeland Network Queenstown Developments



Partnering with the Lakeland Network offers:

- A modern, reliable underground network, not exposed to the variabilities of weather or the challenges of vegetation
- Multiple connection models, where we work with you to meet your requirements
- A local team that has expanded to accommodate regional growth, on the ground to build, operate and maintain the network
- Expertise with knowledge and experience in the majority of developments across the region
- Flexibility and an ability to adapt to shifting time frames for development connections • Cost reductions enabled from our capability to manage the electrical reticulation.

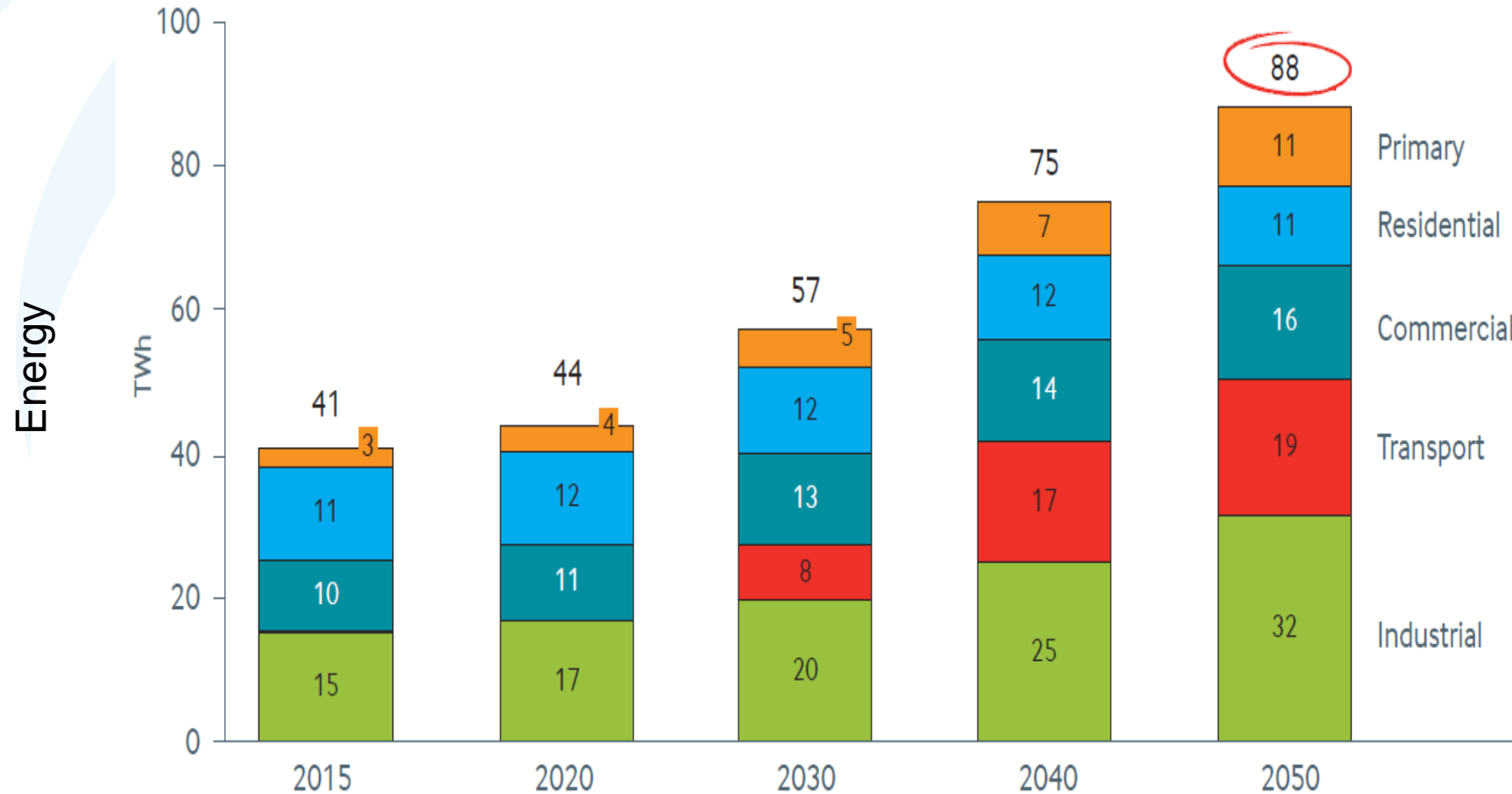
Lakeland Network Wanaka & Cromwell Developments



Get in touch so we can tell you about:

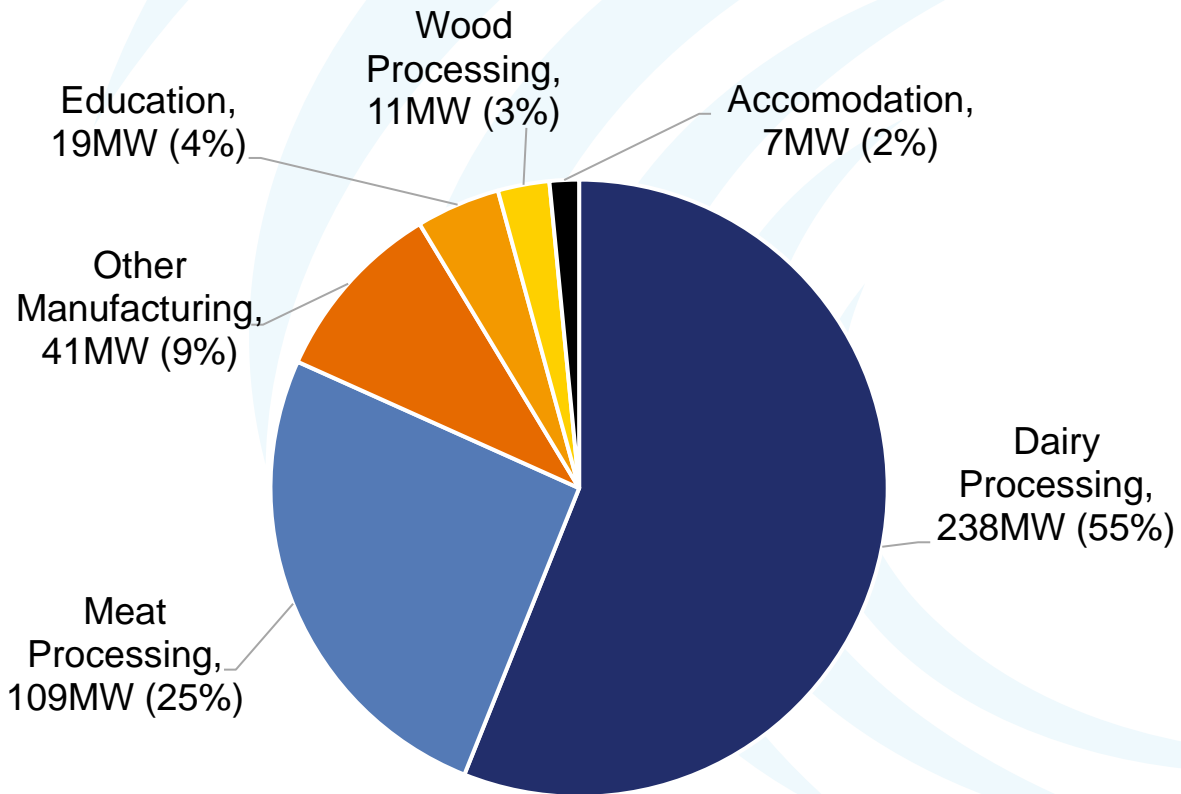
- The benefits of our underground, modern network
- Our range of connection models available to meet your needs
- Our local team – and the benefits they bring by being on the ground to adapt to your timelines, build and operate the network, and maintain it as required once it is commissioned
- Our proven track record across the region, being involved in developments in Wānaka and Cromwell
- The cost reductions enabled by our ability to manage the electrical reticulation.

Electricity demand by sector

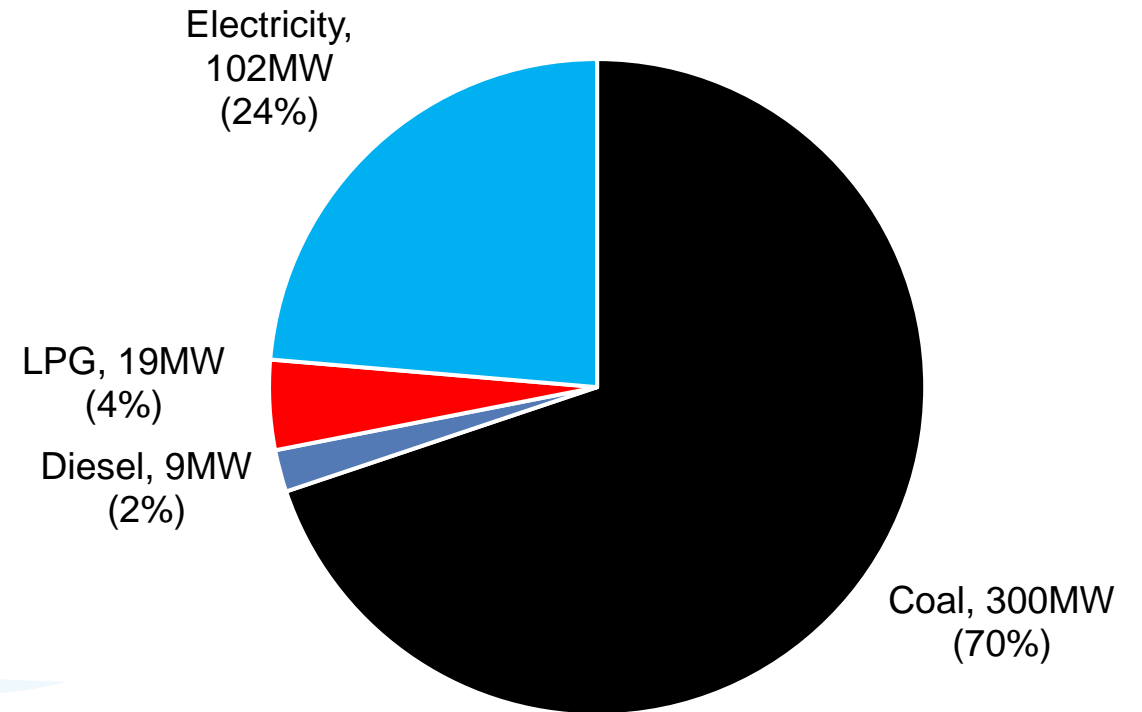


PowerNet Region – opportunities

Boiler Process Heat Capacity by Sector (MW)



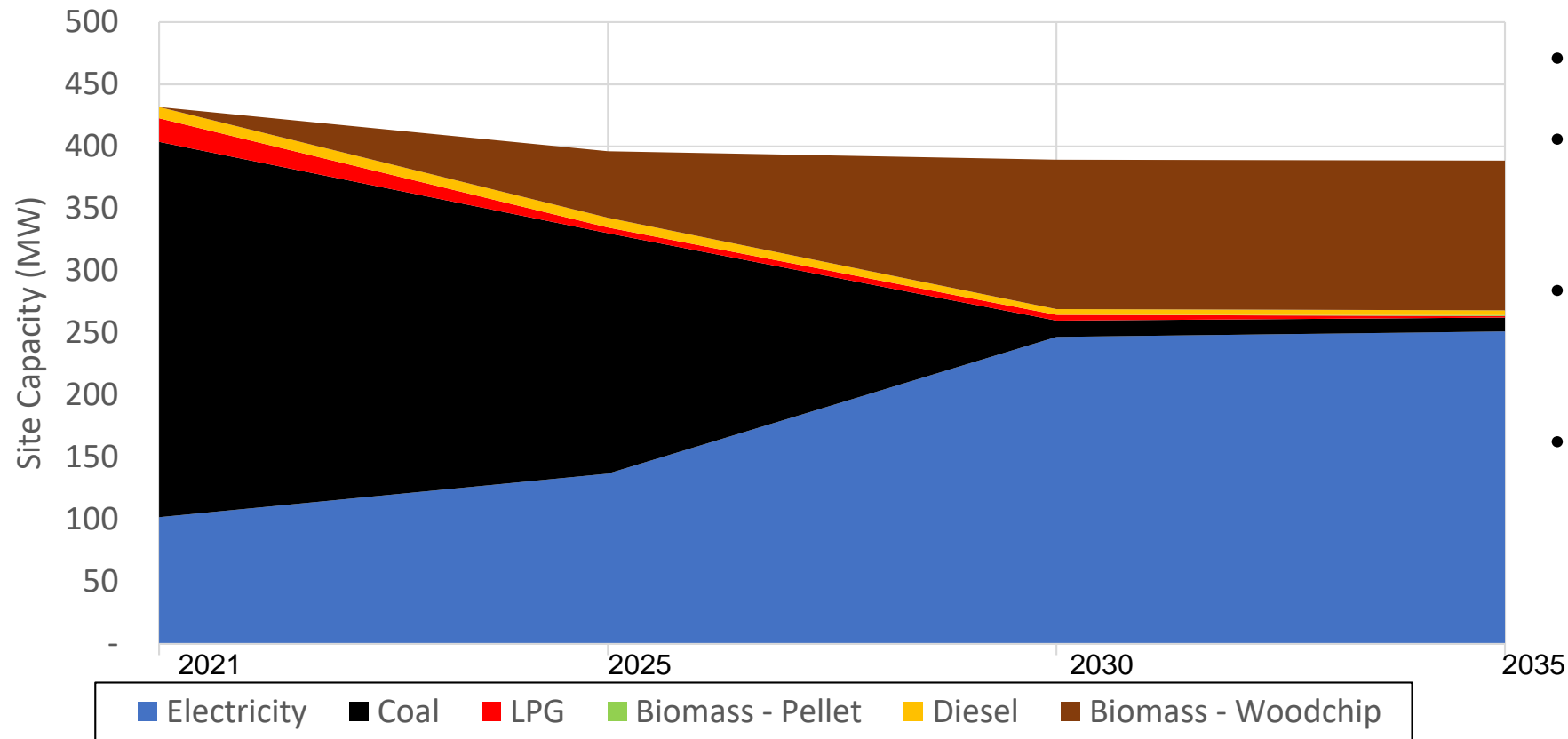
Boiler Process Heat Capacity by Fuel Type (MW)



PowerNet Region – industrial process heat

PowerNet - Transition Roadmap

March 2022



- 44 customers
- 10% of NZ manufacturing emissions
- 1.2% of all NZ greenhouse gas emissions
- 430 MW of electrical capacity
 - 190 MW high temp (>85°C)
 - 240 MW low temp (<85°C)

Case Study: Open Country Dairy 13MW Electrode Boiler (2020)

Expansion of the site to produce a wider range of products and increase production capacity by 50%

Expansion included the commissioning of a 13MW electrode boiler

- Largest electrode boiler in Southern Hemisphere (at the time)

Customer has:

- Strong environmental focus
- Willingness to adopt new technologies



[1] <https://www.opencountry.co.nz/en-nz/about-us/>

[2] [Project – Open Country Dairy 13MW Electrode Steam Boiler – Energy Plant Solutions Ltd](#)

How PowerNet can help



An individualised and systematic approach to meet each customer's requirements



Information on available electricity network supply capacity and pricing



Identify solutions that are technically and economically viable and robust



We leverage and connect you with partners who are industry and technology leaders



Support for decarbonisation, electric vehicle charging, solar, batteries, new energy technologies and energy efficiency



Facilitate knowledge sharing with customers about their decarbonisation journey

Growth



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Decarbonisation



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