



Helios

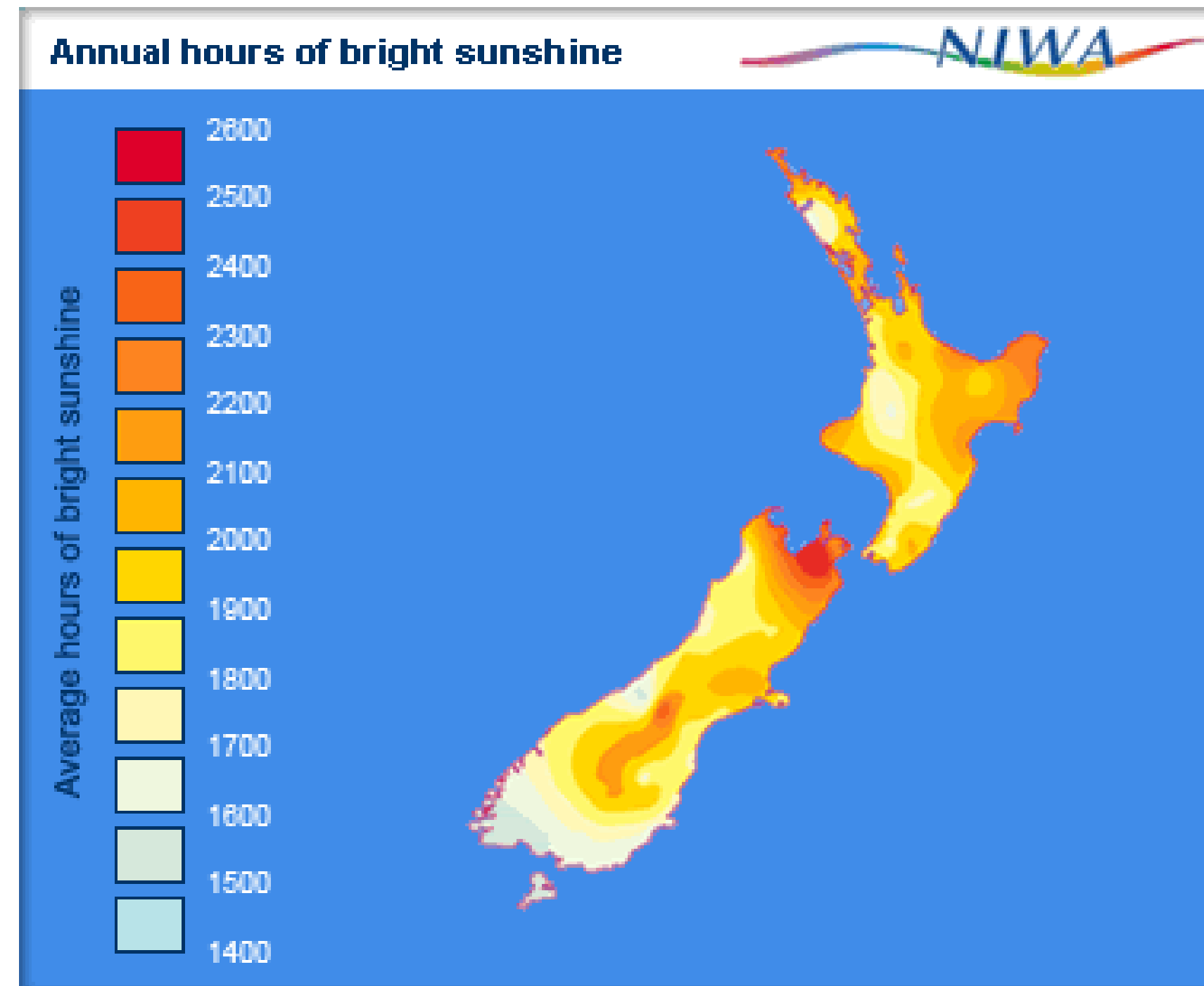
NZ's Grid-Scale Solar Developments

BEC 'Sunrise' - April 2025

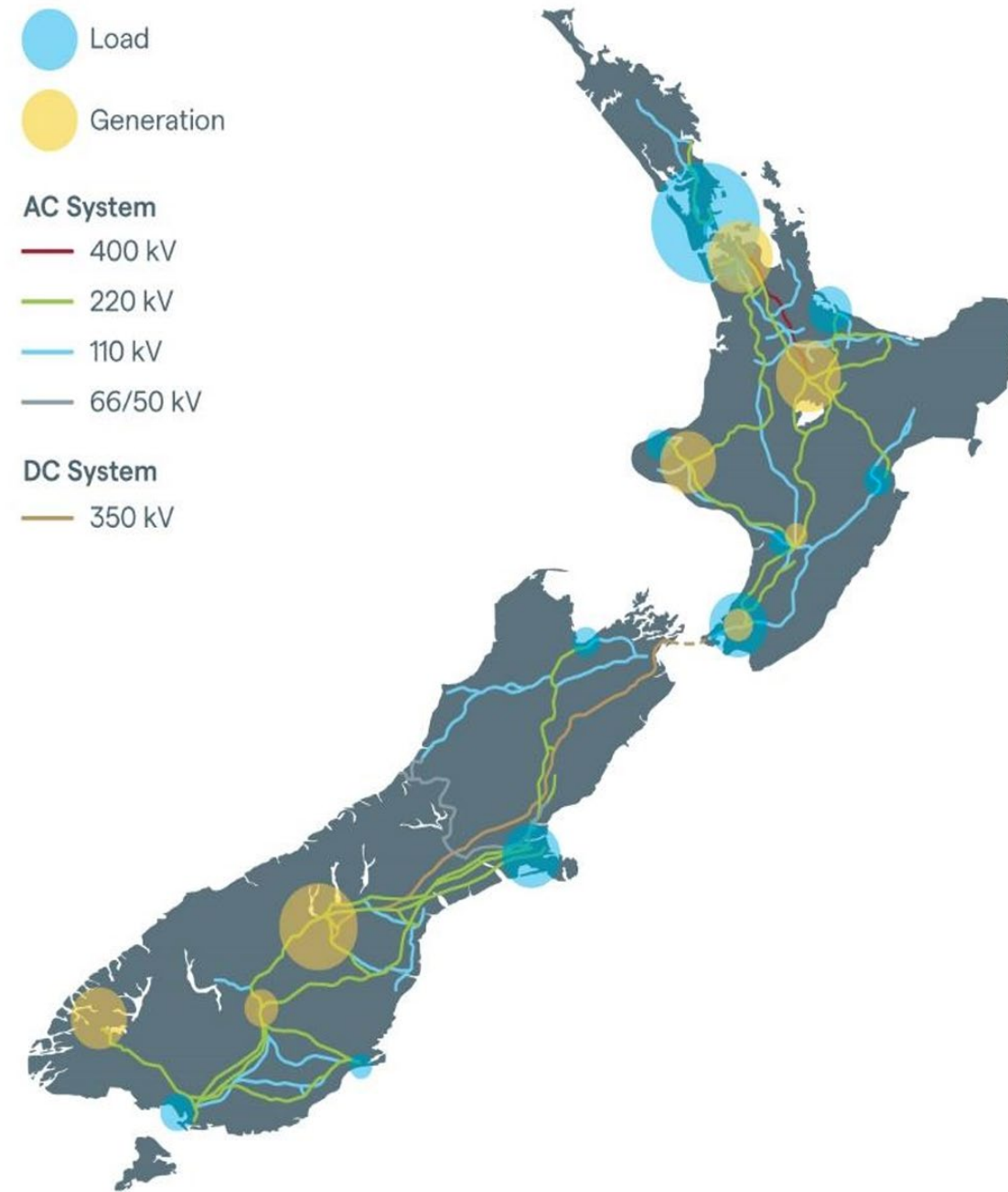
info@heliosenergy.co.nz
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2019 - 2021: The gold rush for tickets

Solar Resource



Grid



Land

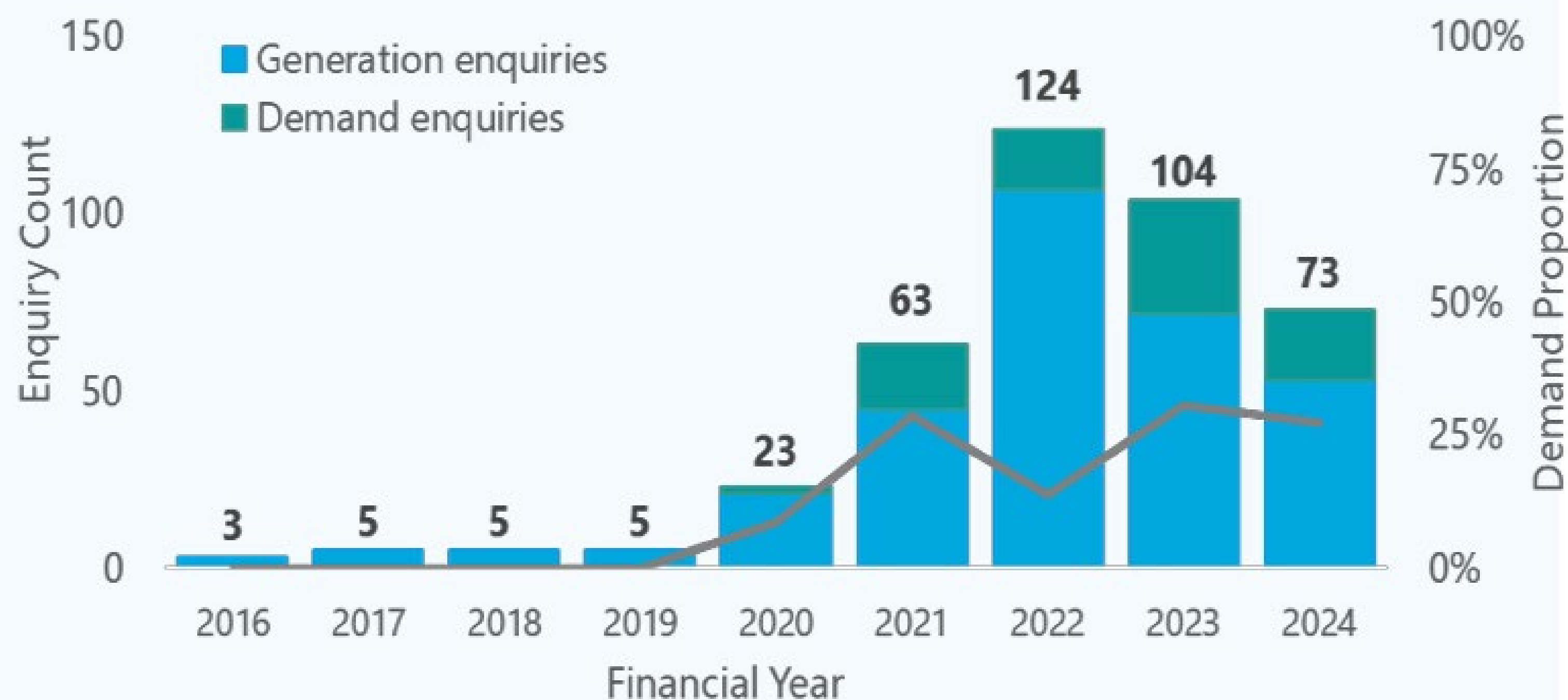


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2022: Joining the queue

Generation and demand customer enquiries

Count by financial year, excludes GXP enquiries from EDBs



Source: Transpower. Last updated July 2024

2023: Surviving the loop -de-loop

'Fictitious' nuclear power argument delays solar farm consent for 18 months

ENVIRONMENT > DISTRICTS > GREYTOWN

Solar consent heading to Environment Court

September 12, 2023

788 1



Tekapo solar farm application rejected on ecological grounds

NEWS | SOLAR

Selwyn solar project declined consent



Jacob McSweeney

Wed, Apr 5 2023

Election 2023: What gets axed under the National-led Government?

The Guardian

New Zealand's environmental credentials on the line as coalition takes power

The National party had solid, if vague, policies to tackle pollution and fight the climate crisis, but coalition talks have seen those...

8 Dec 2023

NZ Herald

Electricity from huge Kaitiāia solar farm now powering the country

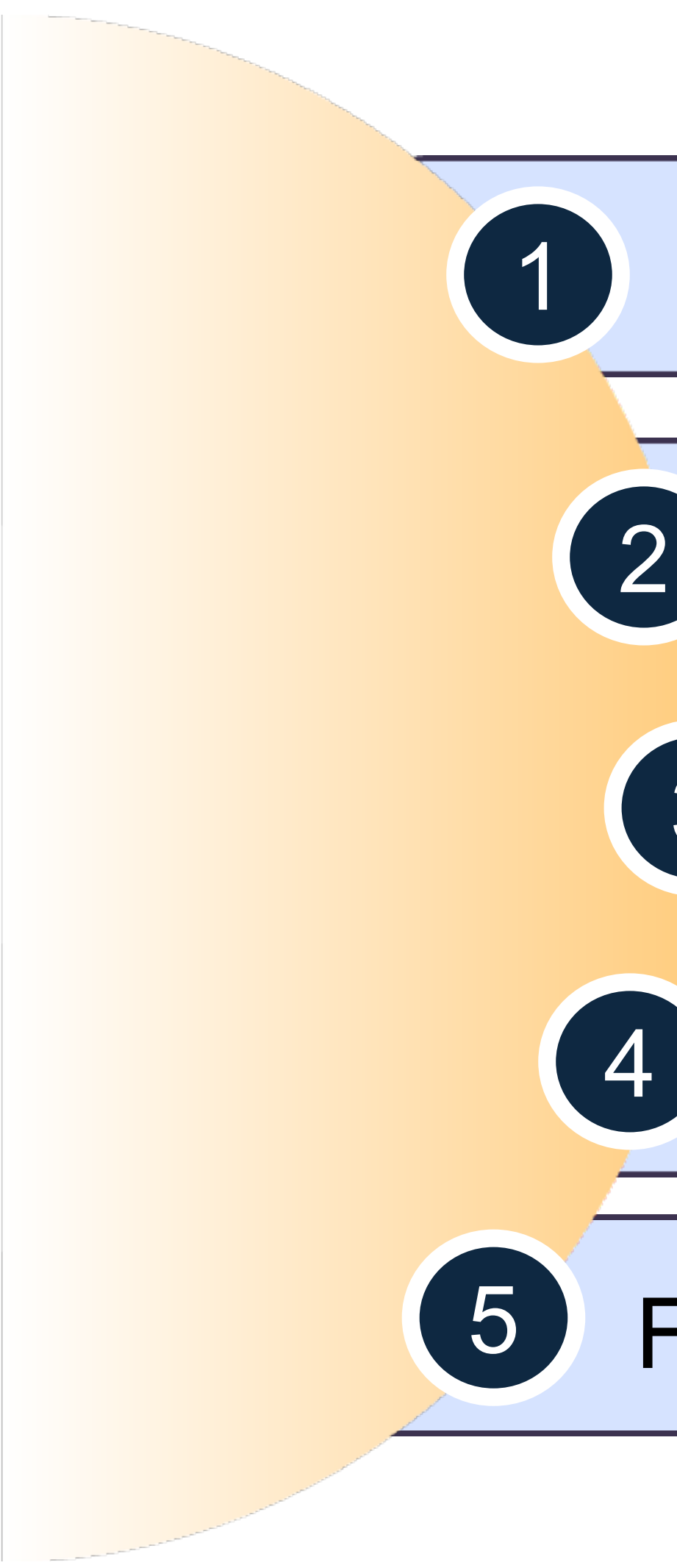
The country's largest solar farm, built on 80 hectares just minutes from central Kaitiāia , has started generating electricity - with up to...

25 Nov 2023

EYE ON ELECTRICITY — 1 December 2023

Let the sun shine!

2024: Holding on Tight



- 1 Solar complimenting Hydro, especially in dry year

- 2 Negative correlation with Wind

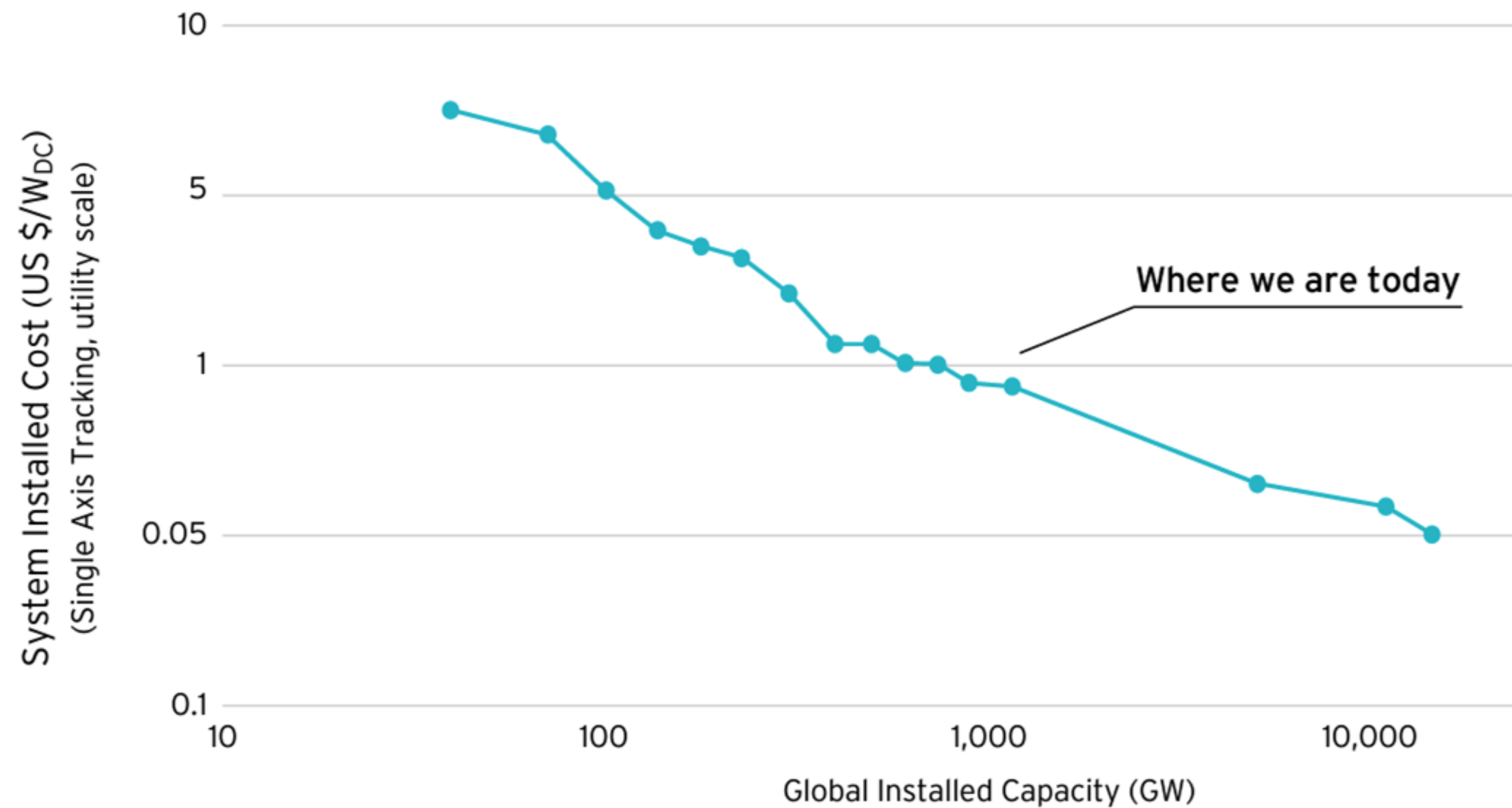
- 3 Predictable production = diurnal BESS firming

- 4 Geographic Diversity

- 5 Fast route to market

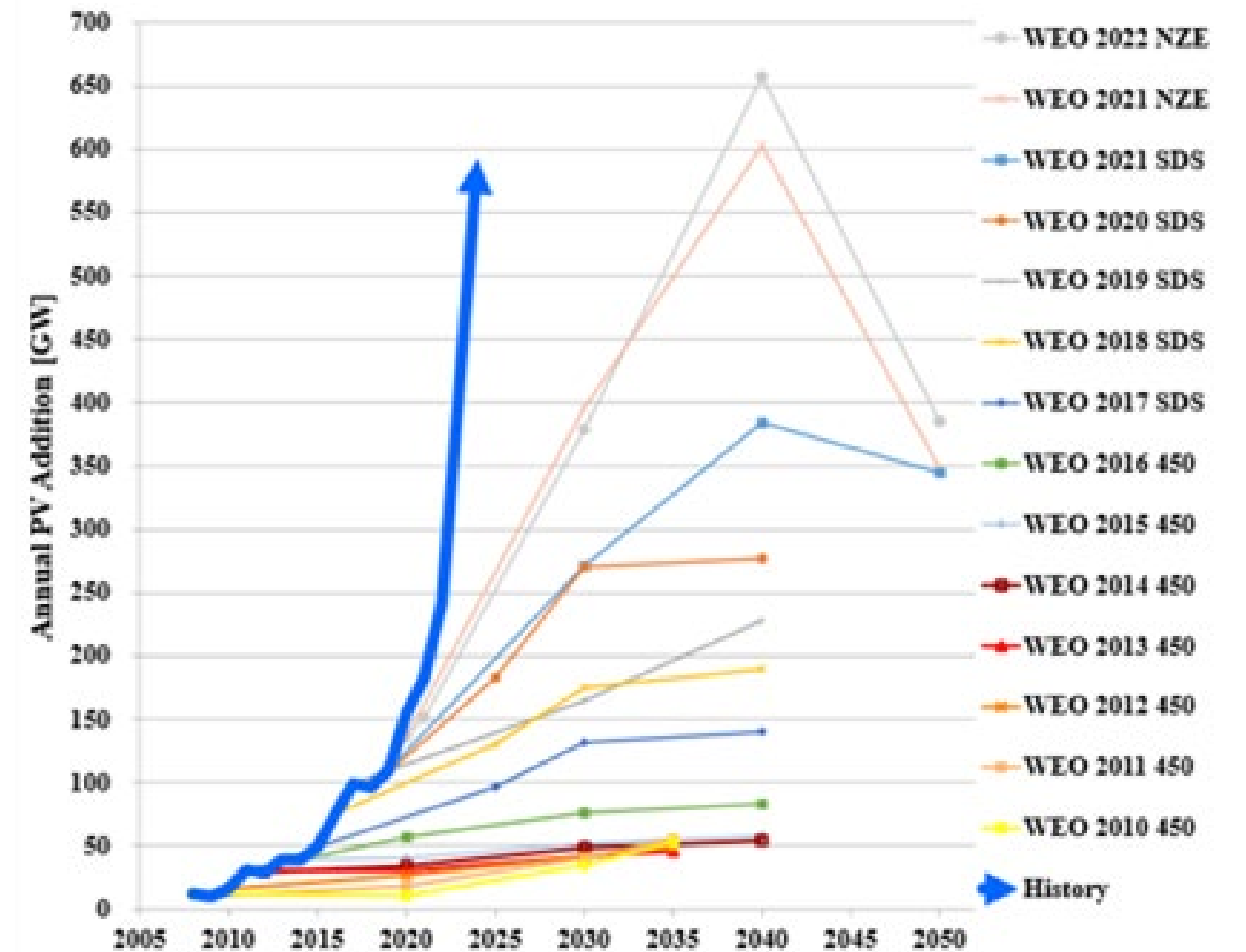
2025: Lower Fares, More Thrills

Global Capacity vs Cost Decline



Source: ARENA THE INCREDIBLE ULCS: HOW ULTRA LOW-COST SOLAR CAN UNLOCK AUSTRALIA'S RENEWABLE ENERGY SUPERPOWER

IEA Global PV: Actual vs Predicted



Source: LUT University, Annual solar PV installations in the normative IEA WEO scenarios compared to historical installations

Grid-scale solar will play a key role in energy transition

- ✓ Great sites, geographically diverse
- ✓ Compliments hydro-based system
- ✓ Hedge to Wind
- ✓ Suits BESS
- ✓ Low-cost





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