

New Zealand Energy Big Data Center



Overview

Microsoft and Amazon have announced billions in investment to establish hyper-scale data centers in New Zealand. They seek to take advantage of the country's renewable energy supply to claim carbon-zero status. Data centres present a \$70 billion strategic opportunity for New Zealand, with the potential to drive long-term economic growth by capturing a share of international investment beyond domestic demand. 5 billion in ICT GDP and. Forecasts of a \$70 billion economic boom are prompting New Zealand to invest in the construction of data centers, a decision supported by one of the country's key competitive advantages: its capacity to generate renewable energy. Positioned as a green data centre hub, the nation can grow jobs, and attract capital to fund next generation energy and water infrastructure. Datagrid will be New Zealand's first AI factory, designed to meet the computing demands of the future, driven by clean energy, natural cooling, and connected through world-class digital infrastructure. 280 MW of hyperscale capacity across three modules - more than doubling New Zealand's data. Latest research indicates power-hungry data centres contribute an estimated \$16. 5b of broader digital services offered across industry sectors.



Article Content

Data Centres as Strategic Infrastructure: Unlocking

In our 2025 report, Future of NZ Inc: What Will New Zealand Be Known for in 2050?, we identified data centres as a growth opportunity for New

Data centre electricity use surged in 2025, even with tightening ...

Data centre electricity use surged in 2025, even with tightening bottlenecks driving a scramble for solutions - News from the International Energy Agency

New Zealand's Data Centre Vision: Growth and Sustainability

New Zealand's data centre sector is poised for significant growth, driven by strategic investments and the increasing demand for cloud-based services. However, balancing this growth

Unlocking NZ's data centre potential

The comprehensive report taps the idea that New Zealand could develop a new export sector, leveraging its renewable energy supply, politically

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Data centres add estimated \$16.5 billion to annual

Latest research indicates power-hungry data centres contribute an estimated \$16.5 billion to the annual economy, and support a further \$76.5b of

Utah paves way for "Shark Tank" star's massive energy, data center ...

Shark Tank star Kevin O'Leary has plans for a massive data center development in Utah The Stratos Project would be sited on 40,000 acres in Box Elder County. The project includes plans

How New Zealand can power sustainable data centres

With the right strategy, New Zealand can become a sustainable computing superpower. Artificial intelligence is driving exponential demand for data centres.

How are NZ data centres leading the world in energy efficiency?

Here in Aotearoa New Zealand, our data centres are not only keeping pace, they're setting a global standard for energy efficiency and driving fresh investment in renewable energy.

Data Centres as Strategic Infrastructure: Unlocking

A global race for data centre investment is underway – New Zealand must act fast to convert its advantages into projects, customers and economic

Data centre growth could quadruple their energy use

New Zealand data centres could nearly quadruple their energy use by 2030 if they exploit an export market for AI-centric cloud capacity, says a new report from

New Zealand Data Center Boom: Microsoft, Amazon

Microsoft and Amazon have announced billions in investment to establish hyper-scale data centers in New Zealand. They seek to take advantage

New Zealand Data Centers

Data Centers in New Zealand - List of Colocation and Cloud data facilities in New Zealand. Get Quotes and find Specs, Photos, Videos etc.

Mark Zuckerberg says Meta is building a 5GW AI data

Mark Zuckerberg says Meta is building out some massive data centers to power its AI ambitions and compete with OpenAI, Google, and Anthropic.

Landmark report reveals data centres as engines of NZ's digital future

Minister for Energy and Climate Change Hon Simon Watts to launch a new study on New Zealand's data centre infrastructure. The new research shows the sector underpins \$93 billion in

Data Centres and Energy Justice: Navigating New

As New Zealand attracts billions in data centre investment, we must urgently address whether this digital infrastructure boom will serve energy justice

Renewable energy the key to data centre success

Biomethane could give data centre providers extra options According to David Watson, head of energy transition at the UK's Cadent Gas, an

Data centres ride AI boom in world with finite renewable

Microsoft has unveiled a "hyperscale" data centre in New Zealand and Amazon is opening one soon. Their work is an energy-hungry undertaking.

Energy-hungry data centres want NZ's renewable electricity to reduce ...

Building energy-hungry data centres is a boom industry in New Zealand, with international companies keen to reduce their climate impact by using this county's renewable electricity.

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New Zealand: The New Global Hub for Data Centers, Driven by

Forecasts of a \$70 billion economic boom are prompting New Zealand to invest in the construction of data centers, a decision supported by one of the country's key competitive

How much energy can AI use? Breaking down the toll of

AI needs a lot of electricity and water to stay cool in data centers. We break down the toll prompt-by-prompt to show the scale of AI's environmental

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