

EMPOWERING AUSTRALIA'S DIGITAL FUTURE

Data Centres: Essential digital infrastructure underpinning everyday life

Data centres - housing efficient, high-tech computers - are the engine room of Australia's digital infrastructure...

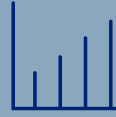
1,350 MW¹

Deployable capacity in 2024



Projected to rise by more than double to **3,100 MW by 2030**

\$26 Billion



Additional investment in data centres in Australia is forecast to top **\$26 billion** to meet digital infrastructure demand

2X

Connected household devices



The number of devices in the household will **more than double by 2030**

Data centres will nearly double their workforce capabilities to support businesses and consumers...

2X

Workforce



Australia needs to almost **DOUBLE** its data centre workforce **by 2030**

4 in 10

Data centre roles are in shortage



creating opportunities for tech trade roles, ICT professionals and engineers

Data centres aggregate the electricity for the digital economy and catalyse renewable energy investments...

2 TWh

of energy saved



by hyperscale and co-location data centres - without them, on-premise services would use 67% more electricity, enough to power **280,000 homes**

100%

Renewables by 2030



Major data centres have committed to 100% renewables by 2030

NEARLY HALF



of global power purchase agreements in 2022 were signed by data centre operators, accelerating renewable projects

Getting the policy settings right will unlock Australia's digital opportunity...



Streamline approval processes



Enable and accelerate renewables investment



Workforce development

¹ According to AEMO's 2024 ES00, data centre power consumption is equivalent to 340MW of grid load; AEMO (2024) Electricity Statement of Opportunities