

NUCLEAR FOR AUSTRALIA

Nuclear for Australia Newsletter

April 26th 2024

In this newsletter:

- 1/ Why are tech leaders calling for nuclear power?
- 2/ President Biden signals his support for nuclear power
- 3/ Nuclear News

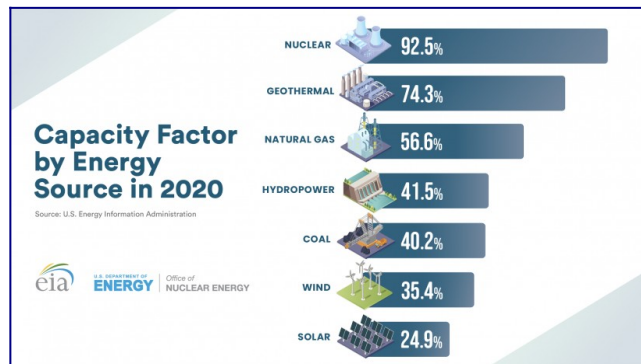
Why are tech leaders calling for nuclear power?



L-R: Sam Altman (Open AI CEO), Craig Scroggie (NextDC CEO), Mark Zuckerberg (Meta CEO)

Our future will rely on data centers and data centers rely on abundant, reliable power. Unfortunately, renewables alone are not enough.

This issue has caused major tech leaders to call for the increased use of nuclear power. Nuclear power is the most reliable energy source, providing abundant clean electricity and heat:



Here's a summary of the major player's positions on nuclear power:

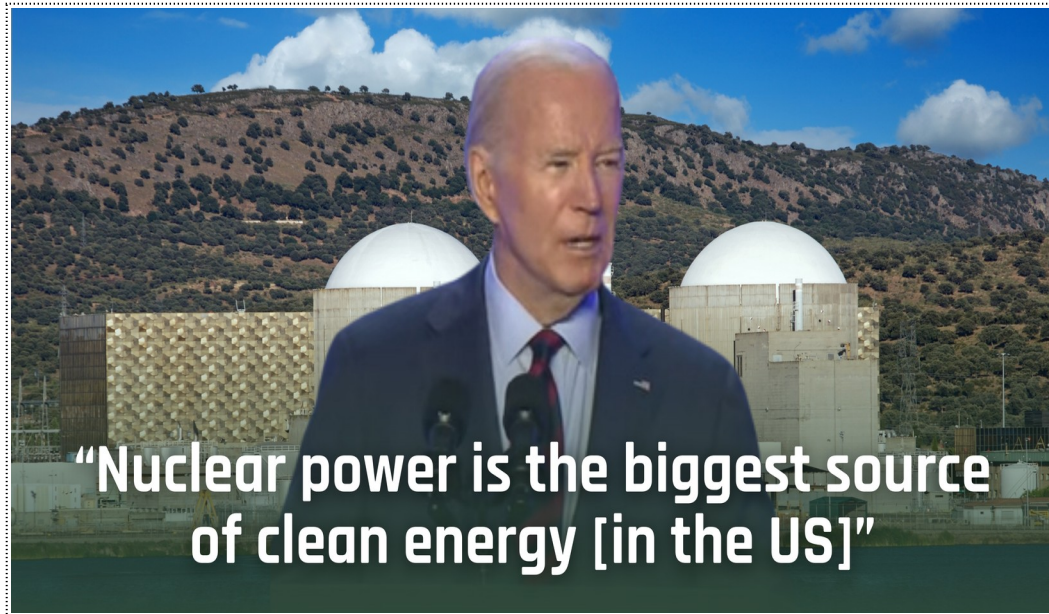
- **Microsoft**
 - Microsoft has indicated that they plan to roll out a plan for small modular reactors to power their data centers. In addition, their founder, Bill Gates, is the chair of TerraPower which is developing an advanced nuclear reactor. [READ MORE](#)
- **Amazon**
 - Amazon Web Services recently purchased a 960MW nuclear powered data center campus from Talen. This purchase was made as part of Amazon's plans to decarbonize. [READ MORE](#).
- **Mark Zuckerberg (Meta)**
 - Mark Zuckerberg of Meta recently said on the Dworkesh Podcast that energy constraints are holding back the build out of AI data centers proposing nuclear power as a potential solution. [READ MORE](#)
- **Craig Scroggie (NEXTDC):**
 - NEXTDC (Data center company) CEO Craig Scroggie recently told the AFR "We need power, we need transmission networks, we need green energy, we need more solar, we need more wind and, frankly, we need nuclear". Recently he has become a vocal advocate for the technology. [READ MORE](#)
- **Sam Altman (OpenAI):**
 - Sam Altman is backing a startup called Oklo which is developing an advanced nuclear reactor. [READ MORE](#)

These companies and leaders are indicating that they need nuclear power as an option to be successful.

If Australia wants to stay competitive, the bans on nuclear power must be lifted.

[Please add your name to our petition.](#)

President Biden signals his support for nuclear power



Recently, US President Joe Biden spoke to IBEW (International Brotherhood of Electrical Workers) where he mentioned the critical role of nuclear power in the US' plans to decarbonise.

Once a nuclear critic, his administration has recently made major investments in the future of nuclear power.

He told the audience at the event that nuclear was "key to meeting the goal of a 100 percent clean power grid by 2035" and discussed plans to invest \$3.4 billion (USD) in advanced nuclear fuel production.

Nuclear power currently provides around 20% of the US' electricity.

[You can watch President Biden's full remarks here.](#)

Nuclear News

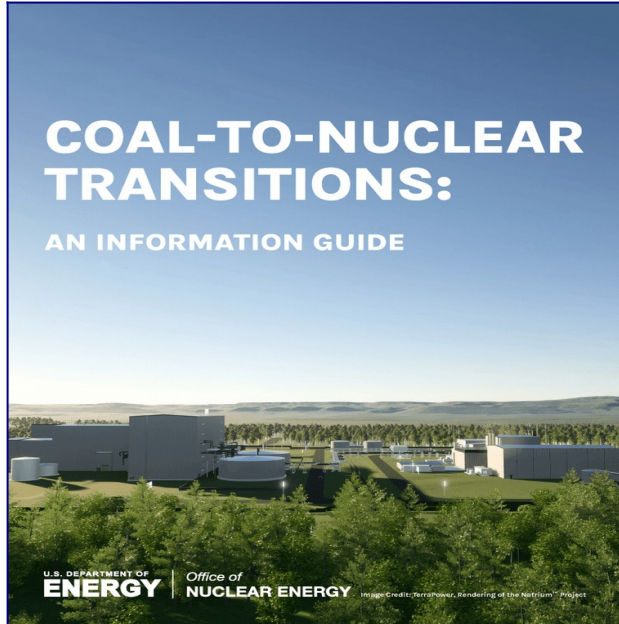


‘Majority’ of Australians now support nuclear power being an option

The poll was published in The Guardian and showed a major increase in support for nuclear energy as an option for Australians.

[Watch the full Sky News Australia story](#)

DOE Study Finds Replacing Coal Plants with Nuclear Plants Could Bring Hundreds More Local Jobs and Millions in Added Income and Revenue to Energy Communities



[Read the full report from the DOE](#)

Report: Small modular reactor market expected to reach \$295 billion by 2043



The data center and AI industries are showing increasing interest in SMRs to provide on-site power.

[Read the full article from Power Engineering](#)

Thank you for your ongoing support. The nuclear renaissance is well underway. Let's bring it to Australia.

Kind Regards,



Will Shackel

Founder of Nuclear for Australia

Nuclear for Australia

<https://www.nuclearforaustralia.com>

I'll help make nuclear power a reality ▷

