



# Cocos Keeling Islands modular nuclear reactor companies

Could small modular reactors power a new data center?

Earlier this month, Jupiter, Florida-based Holtec announced plans to reopen a nuclear plant in Michigan, which includes the deployment of small modular reactors on site by the 2030s. Sundar Pichai, CEO of Google parent company Alphabet, had teased last month that SMRs could be used to power a coming data center.

What is a small modular reactor?

Small modular reactors are a new technology that aims to cut down the costs and timeline of traditional nuclear reactor construction by building many reactor components at a factory and assembling them on-site.

Are small modular reactors disrupting conventional notions of nuclear power?

Credit: NuScale Small modular reactors (SMRs) are disrupting conventional notions surrounding nuclear power.

Can a small modular reactor revive nuclear?

Jose Reyes, a nuclear engineer and cofounder of NuScale Power, headquartered in Portland, Oregon, says he and his colleagues can revive nuclear by thinking small. Reyes and NuScale's 350 employees have designed a small modular reactor (SMR) that would take up 1% of the space of a conventional reactor.

Will Google buy power from multiple small modular reactors?

By Timothy Gardner WASHINGTON (Reuters) -Alphabet's Google said on Monday it signed the world's first corporate agreement to buy power from multiple small modular reactors to meet electricity demand for artificial intelligence.

How much space does a small modular reactor take up?

Reyes and NuScale's 350 employees have designed a small modular reactor (SMR) that would take up 1% of the space of a conventional reactor. Whereas a typical commercial reactor cranks out a gigawatt of power, each NuScale SMR would generate just 60 megawatts.

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Next-generation nuclear reactor Our Compact Molten Salt Reactor, the CMSR, is safe, significantly smaller, better for the environment, and inexpensive even compared to fossil ...

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The Department of Energy has allocated a large amount of capital to nuclear energy research and has committed \$900 million to advance Gen III+ (more on them below) small modular reactors (SMRs). The Inflation Reduction Act's inclusion of nuclear energy has opened opportunities for tax credits for investors in nuclear projects.

Small modular reactors (SMRs) are disrupting conventional notions surrounding nuclear power. Smaller, more compact, and producing minimal emissions, this innovative alternative to traditional nuclear power is receiving more public and private sector attention as governments across the world scramble to meet global energy needs reliably and ...

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