

Who is deploying a NuScale SMR?

Firstly, Nuclearelectrica, a Romanian utility, is set to become the first to deploy a NuScale SMR after a previous deal fell through. The company plans to install a NuScale VOYGR unit at its Doicești thermal power plant site. Ontario Power Generation

What is a SMR Industrial Alliance?

In November 2023, EU Energy Commissioner Kadri Simson backed the development of an industrial alliance for SMRs, set to launch in the coming months. This initiative aims to bring together member states and foster collaboration in the European nuclear industry. NexGen Energy

Will China build a second SMR?

This SMR will be China's second, following the successful connection of the HTR-PM unit to the grid in 2021. Other Players to Watch: Constellation Energy for backing Rolls-Royce SMR Limited. Dominion Energy for encouraging SMR deployment in Virginia. Duke Energy for committing to building two SMRs by 2035.

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In early September 2024, Oracle announced that it is planning to build a gigawatt-scale data centre powered by three small modular nuclear reactors (SMRs). Equinix, one of the largest operators of data centres, which tech companies use for cloud and AI services, made a \$25m pre-payment to Oklo, a nuclear power company, for power from SMRs.

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We work with leading SMR manufacturers to deploy cost effective SMRs. Their modular designs allow for schedule certainty and streamlined construction, reducing upfront capital costs. ...

US nuclear company Holtec International has passed the first step of the UK's Generic Design Assessment (GDA) with its SMR-300 small modular reactor (SMR) design. The Office for Nuclear Regulation (ONR) carries out the GDA, along with the Environment Agency and Natural Resources Wales (NRW), to assess the safety, security and environmental protection ...

The Rolls-Royce SMR is a part of the Great British Nuclear SMR technology selection process, which is currently underway. Rolls-Royce SMR's safety and regulatory affairs director Helena Perry stated: "The completion of Step 2 of the GDA is the most important milestone to date in advancing deployment of Rolls-Royce SMRs in the UK.

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Amazon will fund the initial feasibility phase of Energy Northwest's proposed small modular reactor project and will have the rights to purchase the output from the facility, the Seattle-based e-commerce and cloud computing company and Energy Northwest announced Oct. 16 at a press conference in Virginia.

The nuclear energy industry encompasses a range of options, from the more traditional plants like Vogtle and Three Mile Island to SMR-based solutions that vary in technology and fuel and are at a range of stages of development. It is no surprise that technology companies are at the forefront of adoption.

Constellation Energy Corp. (NASDAQ:CEG) a massive deal with Microsoft Corp. (NASDAQ:MSFT) in September which includes plans to restart Unit 1 of the Three Mile Island nuclear facility.

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South Korea is set to build an industrial hub for SMR production. Skip to site ... 4 of the Shin Hanul NPP in North Gyeongsang Province will "proceed without a hitch so that the province can play a leading role in restoring the nuclear power industry ecosystem and new industrialisation" in the country. South Korean companies have also been ...

In this article, we will highlight 50 companies that have made significant strides in the advanced nuclear and SMR sector in 2023 and are poised to shape the industry in 2024 and beyond. Please note that this list is not exhaustive, and the inclusion or exclusion of a company does not reflect its standing in the industry.

In addition to uranium miners, the strategy targets nuclear energy producers, companies involved in the construction, engineering, and maintenance of nuclear projects, and companies providing ...

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EDF's revised plan for the SMR design, which will detail the chosen technologies, is expected to be unveiled later in 2024. The development follows reports from the French investigative news outlet L'Inform#233;, which cited company sources claiming that EDF's internal SMR design faced engineering challenges.

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