

# Micro nuclear reactor companies

Drawing upon our vast nuclear knowledge and experience, our Micro-Reactor uses novel technologies based on proven, reliable power solutions. What is a Micro-Reactor? The Rolls-Royce Micro-Reactor has a high-power density, which means that it can reliably, flexibly and sustainably support a range of operational demands, providing power and heat ...

Leading SMR company Westinghouse Electric propelled to the forefront of the nuclear technology industry with its transportable eVinci(TM) micro reactor. More of a nuclear battery than a traditional nuclear reactor, the high-temperature heat pipe reactor can generate 5 MW of electricity and up to 13 MW of heat from its 15 MW solid thermal core.

Westinghouse is currently developing the eVinci Microreactor, a next-generation, micro-modular reactor for decentralized remote applications. The eVinci microreactor's innovative design combines new technologies with 60+ years of commercial nuclear design and engineering, creating a cost-competitive and resilient source of power with superior ...

Rolls-Royce SMR Ltd has designed a factory built nuclear power plant that will offer clean, affordable energy for all. The Small Modular Reactor (SMR) business is one of the ways that Rolls-Royce is helping to ensure the UK continues to develop innovative ways to tackle the global threat of climate change.

List of 20 SMR Companies. Here are the names of the SMRs being developed by each company on the list of 20: NuScale Power - NuScale Power Module. Holtec International - SMR-160. GE Hitachi Nuclear Energy - BWRX-300. Rosatom - KLT-40S. Westinghouse Electric Company - eVinci Micro Reactor. TerraPower - Natrium.

U.S. Department of Defense Strategic Capabilities Office Selects BWXT to Manufacture and Deliver Project Pele Prototype Reactor to Idaho National Laboratory in 2024. (LYNCHBURG, Va. - June 9, 2022) - BWX Technologies, Inc. (NYSE: BWXT) will build the first advanced nuclear microreactor in the United States under a contract ...

NuScale Power Corporation is a publicly traded American company that designs and markets small modular reactors (SMRs). It is headquartered in Portland, Oregon. A 50 MWe version of the design was certified by the US Nuclear Regulatory Commission (NRC) in January 2023. [3] .

The Westinghouse AP300 Small Modular Reactor is the most advanced, proven and readily deployable SMR solution. Westinghouse proudly brings 70+ years of experience developing and implementing new nuclear technologies that enable reliable, clean, safe and economical sources of energy for generations to come.

Web: <https://derickwatts.co.za>



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