

New Energy Small Site





Overview

Will Google buy a nuclear power plant in Tennessee?

The Tennessee reactor is the first to be deployed as part of Google's corporate agreement, announced last year, to buy nuclear energy from multiple small modular reactors. The deal would support 500 megawatts of advanced nuclear capacity, which is enough to power about 350,000 homes, to be developed by California-based nuclear company Kairos.

How many small modular reactors will X-energy build?

The online shopping and web services giant, together with Washington state utility Energy Northwest and technology developer X-energy aim to build up to 12 small modular reactors (SMRs) near Energy Northwest's Columbia Generating Station.

Where will Google's new nuclear power plant be built?

The 50-megawatt small modular nuclear power plant will be built in Oak Ridge, Tennessee, under a long-term power purchase agreement with utility Tennessee Valley Authority, to deliver electricity to Google data centers locally and in the state of Alabama. KEY QUOTE.

Are small modular reactors the future of nuclear energy?

Small Modular Reactors offer a significant step forward in nuclear technology, providing a path to cleaner energy for a wide range of applications. There are still some hurdles to clear before SMRs are widely implemented. The industry is hard at work on ensuring cost-competitiveness, clarifying regulatory pathways and improving waste management.



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