

Macro Roundup Article

Headline: [Bill Gates' TerraPower Plans To Build First US Next-Generation Nuclear Plant](#)

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Tweet: TerraPower, founded by @BillGates, plans to build a groundbreaking nuclear plant cooled by liquid sodium at half the cost of traditional water-cooled reactors. The plant should be operational by 2030.

Summary: TerraPower, a company founded by Bill Gates, plans to start building the first of a new generation of nuclear power plants in the US in June. Chris Levesque, TerraPower's chief executive, told the Financial Times the company would apply for a construction permit from US regulators this month for its reactor, which is cooled with liquid sodium rather than water. He said the company's Natrium-branded reactors could be built for about half the cost of standard water-cooled reactors. TerraPower, which has raised almost \$1bn in private funding, signed an agreement with Emirates Nuclear Energy Corporation in December to explore using Natrium reactors to generate electricity and produce hydrogen in the United Arab Emirates. The company has secured pledges from the US government to provide up to \$2bn to complete work at TerraPower's first plant in Kemmerer, Wyoming.

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Primary Topic: Energy

Topics: Energy, Innovation/Research, Investment, News article, Productivity

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