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Headline: Energy Startup Says It Has Achieved Geothermal Tech Breakthrough

Article Link: https://www.bloomberg.com/news/articles/2023-07-18/fervo-energy-says-it-has-achieved-geothermal-energy-tech-breakthrough?sref=U3dOGIDF

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Tweet: Fervo Energy is building a commercial geothermal facility that will power 300,000 Utah homes; the firm has started permitting on another half dozen facilities.

Summary: In a landmark step for enhanced geothermal technology's potential as a dependable carbon-free energy source, startup Fervo Energy has wrapped up a full-scale, 30-day well test at its Project Red site in northern Nevada, which was able to generate 3.5 megawatts of electricity. (One megawatt can power roughly 750 homes at once.) Project Red will connect to the grid later this year and power Google's data centers and infrastructure throughout Nevada. With the demo complete, Fervo is attempting to repeat its success at its southwest Utah site, which is currently under construction. With design improvements maximizing power output as expected, the Utah site is predicted to deliver about 400 megawatts by 2028, roughly enough electricity to power 300,000 homes at once. Related: This Geothermal Startup Showed Its Wells Can Be Used Like a Giant Underground Battery

Primary Topic: Energy

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

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