

U.S. scientists hit new fusion energy milestone

U.S. scientists at the federal Lawrence Livermore National Laboratory in California announced Sunday that they achieved net energy gain in a nuclear fusion reaction for a second time — this time with a higher energy yield.

Why it matters: Scientists have worked for decades to develop nuclear fusion as a source of effectively limitless clean energy, but Axios' Alison Snyder notes that there's still a long way to go in overcoming further scientific, technical and financial hurdles for it to become a commercial power supply.

Driving the news: "Since demonstrating fusion ignition for the first time at the National Ignition Facility in December 2022, we have continued to perform experiments to study this exciting new scientific regime," said Paul Rhien, a spokesperson for the laboratory in an emailed statement first shared with the Financial Times.

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