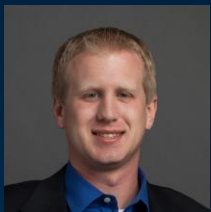


PULSE ON THE POWER MARKET //

Nuclear



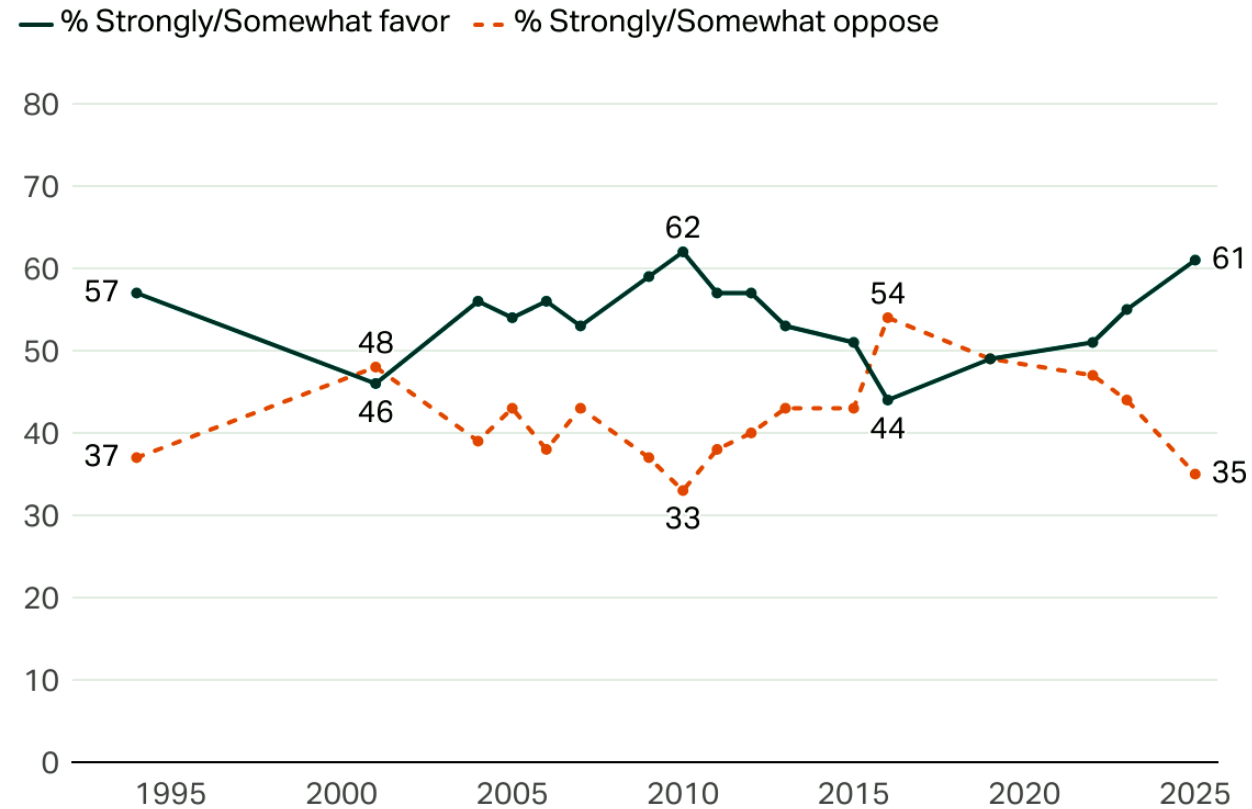
Luke Krooswyk
Nuclear Project Manager

pulse
on the power market

2025 GENERATION SYMPOSIUM

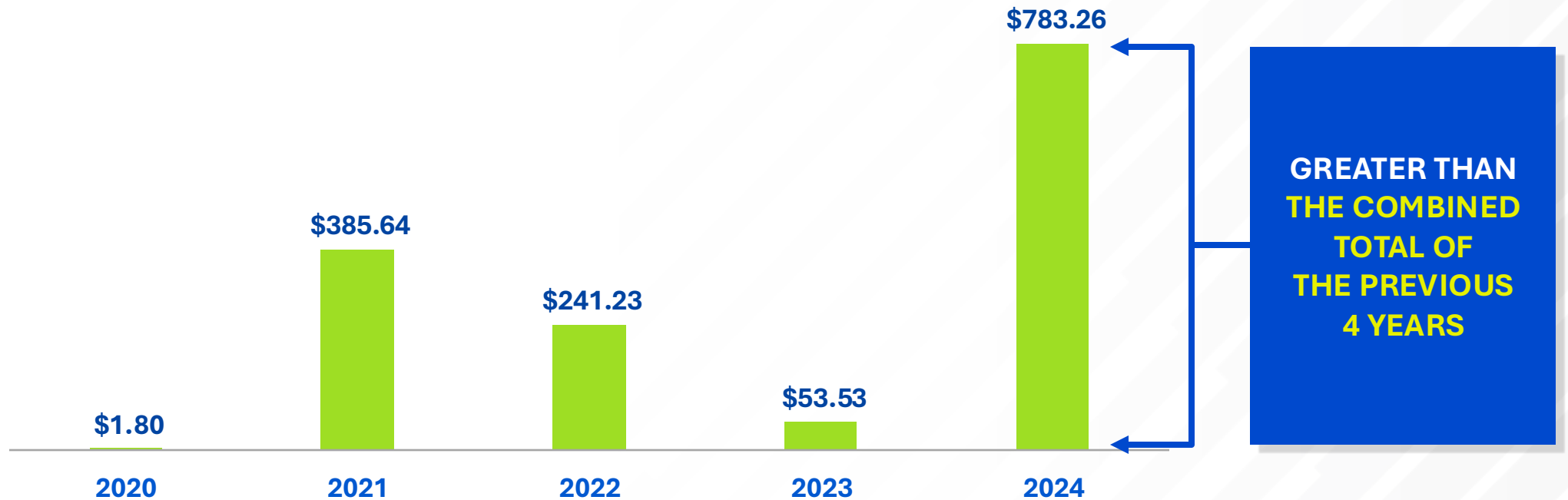
Americans Support Nuclear Energy

Q: Overall, do you **strongly favor, somewhat favor, somewhat oppose or strongly oppose** the use of nuclear energy as one of the ways to provide electricity for the U.S.?



Private Money is Flowing into Nuclear

Private Equity & Venture Capital Investments in Advanced Nuclear (\$MM)



Nuclear is Turning to Developers



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TVA, ENTRA1 Energy team up for SMR deployment

Thursday, 4 September 2025

ENTRA1 Energy has signed a collaborative agreement with TVA to deploy up to 6 GW of NuScale SMR capacity at sites across TVA's seven-state service region in south-eastern USA.



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Google to fund development of three nuclear power sites

Wednesday, 7 May 2025

Tech giant Google is expanding its nuclear energy plans by providing early-stage capital for Element1 Power to prepare three potential sites in the USA for advanced nuclear power projects.



About Facts News

Palantir and The Nuclear Company Partner to Launch Platform to Rapidly Scale Nuclear Deployment

Nuclear Operating System (NOS) will achieve on-time, on-budget nuclear construction



States are Positioning for Nuclear

Utah

A nuclear energy 'awakening' is happening and Utah can be a leader in it, Cox tells conference

The governor's remarks come as the state moves forward with a \$1.8 million campaign aimed at selling Utahns on a nuclear-powered future.

Governor Kathy Hochul | **Pressroom** | **Schedule** | **Executive**

Energy | **Jobs** | **Economic Development**

Governor Hochul Directs New York Power Authority to Develop a Zero-Emission Advanced Nuclear Energy Technology Power Plant

TEXAS ADVANCED NUCLEAR REACTOR WORKING GROUP

NOVEMBER 2024

Deploying a World-Renowned Advanced Nuclear Industry in Texas

Considerations and Recommendations for Action

Indiana Enacts New Laws Supporting SMR Manufacturing, Utility SMR Development, and New Generation Resources to Support Large Load Economic Development

On May 6, Indiana Governor Mike Braun signed House Enrolled Act (HEA) 1007 into law. This new law, along with Senate Enrolled Act (SEA) 424 signed earlier by the Governor, supports the development of small modular reactors (SMRs) and new generation resources to serve large customer loads, such as data centers, in Indiana.

VIRGINIA IS NUCLEAR

ENERGY INNOVATION | NATIONAL SECURITY



NRC Regulatory Cost and Efficiency is Improving

Reduction from the full-cost professional hourly rate for advanced reactor applicants & pre-applicants effective Oct. 1

\$318/hr.

DOWN TO

\$148/hr.

OVER
50%
REDUCTION

Streamlined reviews for license issuance.

18
MONTHS

TO **ISSUE NEW**
REACTOR LICENSES

12
MONTHS

TO **EXTEND**
REACTOR LICENSES

Due Q3 2027

Implement strategy and guidance for efficiently licensing micro-reactors



Hyperscalers are Driving Nuclear Life Extensions

June 2025

DIVE BRIEF

Meta, Constellation ink 20-year nuclear power deal to support AI goals

The power purchase agreement will also extend operations at Constellation's Clinton Clean Energy Center in Illinois for two decades and replace an expiring state tax credit.



June 2025

Talen to sell Amazon 1.9 GW from Susquehanna nuclear plant

The “front of the meter” arrangement doesn’t require Federal Energy Regulatory Commission approval, according to Talen Energy.

Published June 11, 2025

