

# **New Energy Small Site**







#### **Overview**

Could light-water small modular reactors speed up nuclear deployment?

Light-water small modular reactors could also leverage the existing service and supply chain supporting the country's current fleet of light-water reactors, helping speed up the near-term deployment of new nuclear reactors.

Are small modular reactors going local?

After making headway in federal energy policy and featuring in executive orders, small modular reactors are going local. Federal policy is more likely to focus on regulatory efficiency and not much by way of federal deployment. Increasingly, states are coming forward to fill that role.

Do SMRs reduce the cost of new nuclear construction?

SMRs exceed safety standards and can reduce the cost of new nuclear construction by more than 60%. [vi] SMRs can do this by getting to "nth-of-a-kind" cost savings faster than conventional reactors due to standardized designs, smaller and cheaper units of repetition, and commercial order books for 10+ units at a time.

Can SMRs replace aging coal plants?

By transitioning to SMRs, carbon emissions could be reduced while ensuring a reliable energy supply. The flexibility and scalability of SMRs make them well-suited for replacing aging coal plants, especially in regions where renewable energy sources alone may not be sufficient to meet demand consistently.



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## A new era is dawning for nuclear power. Here's how Small ...

And after 30 years, the U.S. is finally ready to build new nuclear power plants--and ready to build in a new way. Today, major banks, nations, and big tech are embracing nuclear ...

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Find the right Texas electricity plan for your home or business with Gexa Energy. Choose from our range of competitive plans with optional features for solar ...



# Tiny nukes on trucks: Sub-20 megawatt reactors to power remote

...

Small modular reactors and microreactors with power generation capacities below 20 megawatts (MW) could help power up remote locations with clean energy. The technology ...

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#### New wave of smaller, cheaper nuclear reactors sends ...

Smaller reactors are, in theory, faster to build and easier to site than conventional reactors. They could be factory-built from standard parts ...

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#### Oyster Creek Lacey site could get 4 new nuclear reactors, Holtec ...

Holtec International proposes building four small modular reactors (SMRs), a solar field, and battery storage at the former Oyster Creek nuclear plant site in Lacey. Holtec's CEO ...



# Neighborhood nukes? Microreactors could be coming to a town ...

But mine owner Idaho Strategic Resources plans to make the operation a showcase for a new energy source: miniaturized nuclear power.



# A new energy economy is emerging - World Energy ...

The new energy economy depicted in the NZE is a collaborative one in which countries demonstrate a shared focus on securing the necessary reductions in ...



"Abundant and affordable energy is key to our nation's economic prosperity and security. This solicitation is a call to action for early movers seeking to put more energy on the ...



#### How States Are Taking the Lead on Small Modular Reactors

U.S. states are taking the lead in deploying small modular reactors (SMRs) to expand access to clean, reliable, and scalable nuclear energy.





## Dow and X-energy advance efforts to deploy first advanced small ...

X-Energy Reactor Company, LLC, is a leading developer of advanced small modular nuclear reactors and fuel technology for clean energy generation that is redefining the nuclear energy



#### Rethinking Wind Energy: The Case for Small Wind Turbines

Offering a sustainable, cost-effective and versatile source of energy, small wind turbines are not only accelerating the global energy transition but are doing so in a way that is ...

#### New wave of smaller, cheaper nuclear reactors sends US states ...

Smaller reactors are, in theory, faster to build and easier to site than conventional reactors. They could be factory-built from standard parts and are touted as flexible enough to ...







# **Exploring Small Modular Reactors:** The Future of Clean Energy?

Small modular reactors (SMRs) are emerging as an option for cleaner and more sustainable energy solutions. These innovative nuclear reactors offer a compact and efficient ...

#### **CHARGE READY**

Application Approval Process: Applications will qualify for the Small Site Rebate provided the program has available funds, and the site/participant agrees to meet all program ...



# EU sticks to 2028 Russian gas exit after talks with US energy chief

14 hours ago. The EU is sticking to its deadline to phase out Russian oil and gas imports by 2028, EU Energy Commissioner Dan Jorgensen said on Thursday after a meeting with U.S. ...

## Dominion Energy issues RFP for small modular reactor at North ...

At an event with Virginia Gov. Glenn Youngkin and other state officials at its North Anna nuclear power plant in Louisa County, Dominion Energy announced plans Wednesday to ...







## You may hear everyone on TikTok talking about The Great Lock ...

Here's how to build momentum that sticks? Start small & stack wins -- focus on 1-2 key habits (like protein at each meal or a daily walk). Create structure, not restriction -- routines that ...

#### These nuclear companies lead the race to build small reactors in ...

Here's a look at three companies with customers secured and significant financial backing. The nuclear industry is racing to launch advanced small reactors by the early 2030s, ...





## Exploring Small Modular Reactors: The Future of ...

Small modular reactors (SMRs) are emerging as an option for cleaner and more sustainable energy solutions. These innovative nuclear ...



# \$900 Million Available to Unlock Commercial

"Abundant and affordable energy is key to our nation's economic prosperity and security. This solicitation is a call to action for early movers ...





#### **Small Business Express**

MidAmerican Energy's Small Business Express streamlines the process of improving the energy efficiency of your business and helps make the investment more affordable.

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