

Pillsbury Nuclear-Powered Data Center Tracker

May 2026 Edition

Commercial Structure	Project Details	Offtaker	Anticipated MW in Deal	Expected Online Year	Reactor Designer/ Type
Long-Term PPAs	Google and NextEra signed a 25-year PPA to purchase carbon-free nuclear energy from NextEra Energy’s Duane Arnold plant in Iowa. Duane Arnold, which was shut down in 2020, is expected to be online and delivering electricity onto the grid by the first quarter of 2029, pending regulatory approvals.	Google	615 MW	1Q2029 (Plant Restart-Duane Arnold)	GE BWR-4
	NextEra Energy and Google have also signed an agreement to explore the development of new nuclear generation to be deployed in the U.S.				
	Plant restart + 20-year PPA at approximately \$100/MWh between Microsoft and Constellation Energy Generation’s Crane Clean Energy Center (formerly Three Mile Island Unit 1).	Microsoft	~830 MW	Mid-2028 (Plant Restart - Three-Mile Island)	Babcock & Wilcox/ Pressurized Water Reactor (PWR)
	Additionally financed by \$1 billion loan guarantee from DOE Loans Program Office.				
Long-Term PPAs	On January 9, 2026, Meta announced a deal with Vistra for support 20-year PPAs covering more than 2.6 GW of nuclear capacity from its Perry and Davis-Besse plants in Ohio and the Beaver Valley plant in Pennsylvania, including 433 MW of uprates—the largest nuclear uprates ever backed by a corporate customer—while providing the financial certainty needed to pursue subsequent license renewals and extend plant operations for decades.	Meta	2.6 GW + 433 MW of uprates	Operational/ Existing Plant (Perry & Davis-Besse)	GE BWR-6 (Perry) Babcock & Wilcox/ Pressurized Water Reactor (PWR) (Davis-Besse)
	Idaho Falls Power signed MOU on September 16, 2024, for a PPA which would provide the “right to eventually purchase energy” from Aalo Atomics. Under the PPA, Aalo “would lease land for the life of the project, up to 80 years,” at the site, where the public power company also plans to complete construction of a 17.5-MW natural gas-fired peaking plant by the end of 2025.	Idaho Falls Power	75 MW (7 Units at 10 MWe)	After 2030	Aalo Atomics/ Aalo-1
	17-year PPA for \$18 billion between Talen Energy and Amazon from Talen’s Susquehanna nuclear plant.	Amazon	1,920 MW from the 2.5 GW Susquehanna plant.	Operational/ Existing plant (Susquehanna)	General Electric/ BWR
	At full contract quantity, Talen will provide Amazon with 1,920 MW through 2042, with options to further extend duration. Power delivery schedule will ramp over time, expecting to achieve the full volume no later than 2032.				
	Meta secured a 20-year agreement with Constellation Energy to extend the life of the Clinton Clean Energy Center in Illinois, beginning in 2027. The deal includes a 30 MW plant uprate and potential development of advanced reactors at the site.	Meta	Plant life extension + 30 MW uprate of facility.	2027	General Electric/ BWR
	Direct Investment + Future PPAs	Amazon provided \$500 million of direct investment into X-Energy through its Climate Pledge fund.	Amazon	n/a	n/a
Amazon to pay for the development of SMRs at Dominion North Anna Power Station.		Amazon	320 MW	Early 2030s	X-Energy/ Xe-100
Amazon to fund initial feasibility phase for EnergyNorthwest to develop and deploy X-Energy SMR technology in Washington State; Amazon to enter into PPA for output of SMR.		Amazon	320 MW with option to scale up to 960 MW	Early 2030s	X-Energy/ Xe-100
Prepayment Against Future PPA	Datacenter colocation firm Equinix has made a \$25 million prepayment to Oklo.	Equinix	Up to 500 MW	TBD	Oklo/Aurora Powerhouse
	Equinix stated that the prepayment is “expected to be used toward the purchase of power through future PPAs, anticipated when Oklo begins operating their powerhouse fast fission plants” though it can also be used as an option for Oklo stock. A Letter of Intent (LOI) provides Equinix the right of first refusal for 36 months for the output of certain reactors for power capacity of no less than 100 MWe and up to a cumulative maximum of 500 MWe. Future PPA rates to be determined.				
	Meta provided a funding commitment to Oklo that “provides a mechanism for Meta to prepay for power and provide funding to advance project certainty for Oklo’s Aurora powerhouse deployment” in Piketon, Ohio. Oklo plans to use the funds to “secure nuclear fuel and advance Phase 1 of the project—supporting the development of clean, reliable power in Pike County that can scale up to 1.2 GW.” The Meta-backed prepayments will secure fuel, initiate site work, and enable phased deployment beginning as early as 2030 directly into the PJM market.	Meta	1.2 GW	2030	Oklo/Aurora Powerhouse
	Meta agreement with TerraPower is for “funding” to support the development of two new Sodium units—a combined 690 MWe of firm power—whose delivery is targeted as early as 2032. But as notably, the Meta–TerraPower agreement will also provide Meta “with rights for energy from up to six other Sodium units capable of producing 2.1 GW and targeted for delivery by 2035.”	Meta	690 MW with an option for an additional 2.1 GW	2032–2035	Terrapower/ Sodium
Microreactor Preorder Agreement	Datacenter colocation firm Equinix has preordered 20 of Radiant’s Kaleidos microreactors units.	Equinix	24 MW/ 1.2 MW/ unit	TBD	Radiant/Kaleidos
Master Plant Development Agreement + PPA	Tennessee Valley Authority (TVA) PPA between Kairos Power and TVA for delivery of 50 MW to the TVA grid that powers Google data centers in Tennessee and Alabama.	Google	50 MW	2030	Kairos Power/ Hermes 2 Plant
	Part of a Master Power Plant Development deal between Google and Kairos Power for up to 500 MW of reactors, designed to create an orderbook and certainty for investment and future deployment.				
Partnership with a Nuclear Development Company	ENTRA1 will develop up to 6 GW on TVA existing nuclear power sites. ENTRA1 will oversee the deployment, financing, investment, development, execution, and management of ENTRA1 Energy Plants with NuScale’s SMRs inside. This likely means that TVA and ENTRA1 Energy will now jointly identify sites, coordinate development activities, and share planning efforts for the nuclear projects as ENTRA1 handles the financing and construction obligations.	Various on TVA Grid	Up to 6 GW, through module packs of 77 MWe per unit.	TBD	NuScale/ VOYGR
	Google has partnered with Elementl Power, an advanced nuclear development company, to identify, acquire and prepare locations to accommodate nuclear reactors.	Google	2.4 GW (at least 3 sites will deploy 600 MW each)	TBD	TBD
	Elementl Power will work with Oak Ridge National Laboratories (ORNL) OR-SAGE siting tool to identify 3 ideal SMR plant sites and Google will provide early-stage capital.				