WORLD POWER SYSTEMS REVIEW

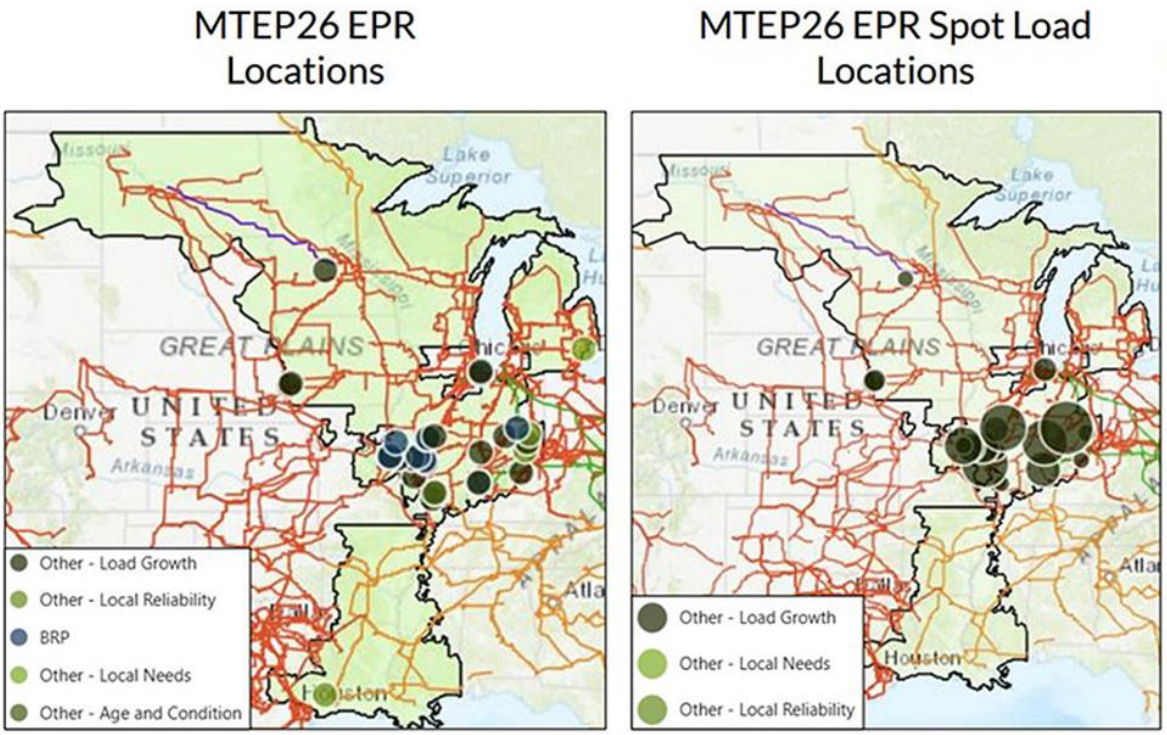
1 March 2026

15 February 2026

MISO's Draft MTEP 26 Nears $9B

MISO has unveiled its $8.8 billion 2026 Transmission Expansion Plan (MTEP 26), once again made pricier by load growth. The proposal contains nearly $3.1 billion directly to address load growth, with much of it originating in the Midwest.

At a MISO Central subregional planning meeting Feb. 10, planning engineer Scott Goodwin told stakeholders that projects to address large load interconnection; age and condition; and local reliability and needs make up the majority of the portfolio, about $5.9 billion. Of that, large loads account for nearly $3 billion in projects.



By comparison, baseline reliability projects — those deemed as necessary by the RTO to maintain system reliability — make up a nearly $1.8 billion share of the total spending. Overall, $1.3 billion of the projects are classified as expedited.

The figures are certain to change before the plan is put before the MISO Board of Directors for approval in early December. The RTO holds three rounds of subregional planning meetings annually, in February, June and September.

For 2026, MISO Central includes about 7.6 GW of the 8.6 GW of load additions driving investment and most of the expedited transmission projects planned to accommodate them.

RTO Insider
http://www.rtoinsider.com

16 February 2026

CAISO WEIM Surpasses $8B in Cumulative Benefits

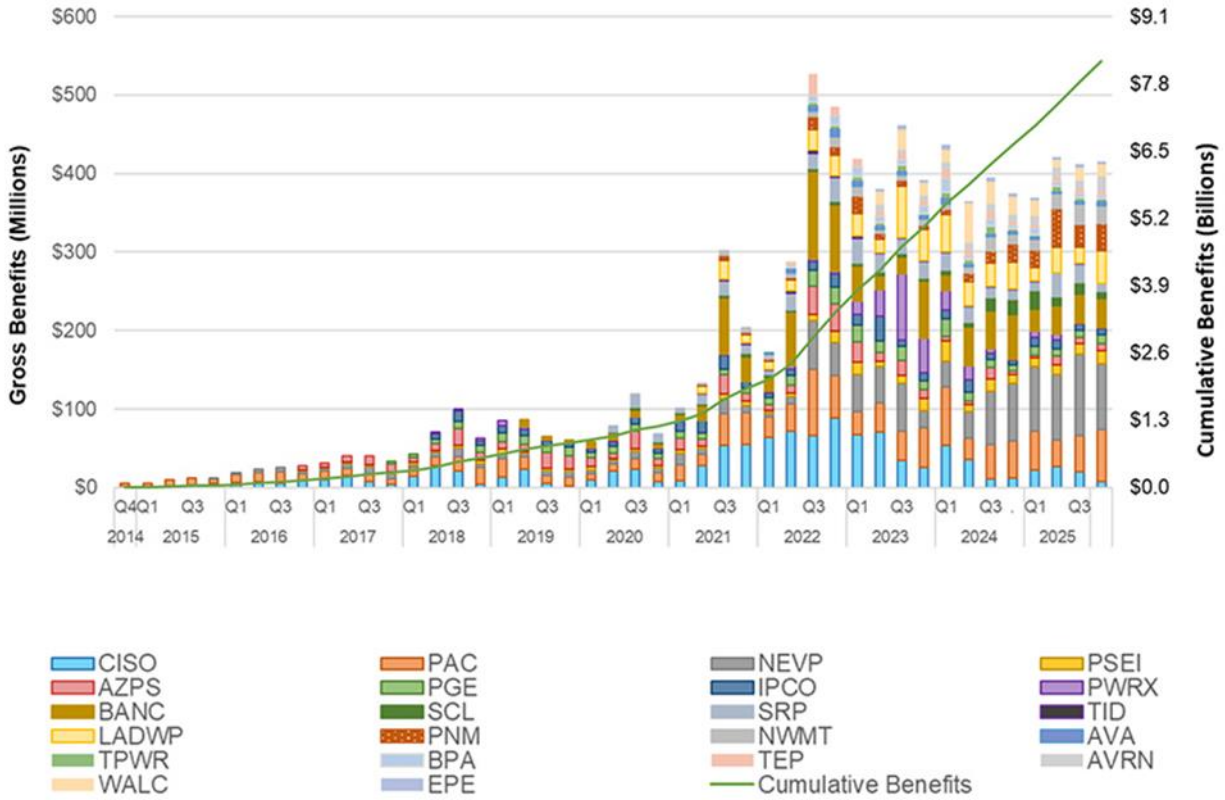
CAISO's Western Energy Imbalance Market has surpassed $8 billion in cumulative economic benefits since its 2014 launch after providing participants with $415.65 million in gross benefits in the fourth quarter of 2025, according to an ISO report.

In a news release accompanying the quarterly report, CAISO noted it has revised the methodology it uses to calculate WEIM benefits to reflect the market behavior of variable energy and battery storage resources.

NV Energy earned the largest share of Q4 benefits, at $83.10 million, followed by PacifiCorp ($66.45 million), Los Angeles Department of Power and Water (LADWP) ($40.71 million), Balancing Authority of Northern California (BANC) ($37.15 million), Public Service Company of New Mexico ($34.78 million) and NorthWestern Energy ($23.41 million).

PacifiCorp, with its East and West balancing authority areas, was the biggest net exporter of energy, at nearly 1.54 million MWh. The next largest exporters were CAISO (720,188 MWh), NV Energy (514,474 MWh), Salt River Project (427,248 MWh) and LADWP (250,431 MWh). The biggest net importer during the quarter was CAISO, at over 1.02 million MWh, followed by BANC (507,535 MWh), Portland General Electric (433,229 MWh), Powerex (408,684 MWh) and PacifiCorp (391,588 MWh).

In the WEIM, a net export represents the difference between total exports and total imports for a BAA during a particular real-time interval, while a net import represents the inverse, meaning a BAA can be both a heavy exporter and importer over an extended period based on varying momentary needs and trading positions over that period. CAISO's BAA facilitated the greatest volume of wheel-through transfers, at 964,219 MWh, followed by PacifiCorp's two BAAs (501,382 MWH) NV Energy (445,994 MWh) and Arizona Public Service (327,982 MWh).



The Q4 report also came with some changes in how CAISO calculates WEIM benefits. "With significant changes in market resources and operational dynamics across the West, maintaining an accurate picture of market performance is essential," CAISO said in the release. "Additional time was needed to post this report so that the ISO — working

closely with its WEIM partners — could refine the benefits methodology to reflect these evolving market resources and system conditions. This helps to ensure its logic remains robust, transparent and reflective of current conditions."

The revisions are spelled out in the "Counterfactual Dispatch Cost" section of the updated "EIM Quarterly Benefit Report Methodology."

In the case of variable energy resources, the revised methodology adjusts the market's bid range logic for resource base schedules to reflect real-time dispatch (RTD) market data rather than the previous approach of relying on 15-minute market (FMM) data. "This adjustment offers a more accurate reflection of actual market conditions in two key aspects. Dispatches and transfers from WEIM solution are based on the RTD markets and using bids from RTD market will better align," CAISO explains in the methodology document.

"Second, the forecasted output for variable energy resources often differs between the FMM and RTD markets. By using the RTD forecast to estimate load imbalance in the benefit calculation, it more accurately reflects actual RTD conditions. It also eliminates imbalances that reflect forecast differences and focus on imbalances from actual market redispatches."

In describing the impact of the change, CAISO cites the example of a wind resource having 73 MW of energy available based on the FMM forecast but getting reduced to 16 MW in the RTD forecast. Under the new logic, the resource's bid range would be capped at 16 MW, putting both its base schedule and dispatch-adjusted base schedule at 16 MW heading into the real-time interval, leaving a load imbalance of 0 MW.

"This 0-MW imbalance reflects the scenario where the market is not redispatching the resource down. Instead, it simply accounts for the adjustment in the forecast available in RTD. Therefore, there is no WEIM cost associated with this resource," CAISO wrote.

Another revision to the methodology deals with the modeling of battery storage resources in the counterfactual dispatch — that is, a theoretical dispatch that would occur without the availability of WEIM transfers. CAISO explains that, prior to Q4 2025, batteries were modeled like conventional resources, with the model estimating an available dispatch range and determining the counterfactual dispatch based on the resource's price — an approach that ignored a battery's limits based on its state of charge. To address that, the updated methodology:

- Adjusts a battery resource's maximum bid limit based on its state of charge;
- Enforces a constraint that prevents a battery from being dispatched below a defined minimum state of charge; and
- Recognizes the end-of-hour constraint defined by a battery operator.

RTO Insider
http://www.rtoinsider.com

18 February 2026

Croatia triggers Espoo Convention procedure against BiH over Gornji Horizonti project

The Croatian Ministry of Environmental Protection and Green Transition has initiated an official procedure under the Espoo Convention regarding the Gornji Horizonti hydropower subsystem in the Republic of Srpska in Bosnia and Herzegovina. The project includes the construction of three hydropower plants.

Minister of Environmental Protection and Green Transition Marija Vučković explained that the official procedure was launched in November with the Secretariat of the Espoo Convention (the UNECE Convention on Environmental Impact Assessment in a Transboundary Context). She recalled that both Croatia and BiH are signatories to the convention, local media reported. The ministry issued a written opinion stating that the project's development didn't adhere to rules regarding the participation of an interested state

that could suffer negative consequences from a major investment in its neighbourhood, Vućković added.

While Croatia cannot prohibit such projects, it can demand to be included in a satisfactory manner and receive answers to all its questions, she pointed out. Vučković claimed that the construction of energy facilities in the Trebišnjica river basin has had visible negative effects on the Neretva river valley for decades. She noted that numerous questions posed by Croatian experts over the last 15 years — from the HE Dabar project to newer initiatives—remain unanswered. In the spirit of good-neighborly cooperation, Croatia will insist on getting answers, the minister added.

Prefect of the Dubrovnik-Neretva County Blaž Pezo stressed that the Gornji Horizonti project threatens the flow of fresh water through the Neretva river. Croatia is actively trying to challenge this project, he underscored. Vučković and Pezo discussed the issue in Opuzen, during a visit to the site of a EUR 85.5 million project in the Donja Neretva (lower Neretva) area for protecting land and water from salinity.

The first phase includes the construction of a barrier on the Neretva river to stop seawater encroachment. The works are estimated at EUR 30 million and are expected to take four years. The second phase will see the establishment of a freshwater basin upstream of the barrier to wash salt from agricultural soil and provide irrigation.

The Gornji Horizonti hydropower subsystem involves diverting water from the Gatačko (Gacko) and Nevesinjsko (Nevesinje) plains, through the Dabarsko (Dabar) and Fatničko (Fatnica) plains, into the Bilećko (Bileća) lake. It comprises three hydropower plants: Dabar, Bileća, and Nevesinje. The project is being implemented by Elektroprivreda Republike Srpske (ERS). The construction of HPP Dabar is underway.

Balkan Energy News
http://balkangreenenergynews.com/

18 February 2026

Terna is the world's top electricity company in the "Sustainability Yearbook 2026" by S&P Global

Terna has once again been confirmed among the global leaders in sustainability. The Group led by Giuseppina Di Foggia has achieved the "Top 1%" qualification, the highest recognition awarded in the "Sustainability Yearbook 2026", the annual ESG reference publication curated by S&P Global.

The prestigious international rating agency evaluated the ESG performance of more than 9,200 companies worldwide. With a score of 90 out of 100 - assigned on 14 November through the S&P Global's Corporate Sustainability Assessment 2025 - Terna achieved the highest result globally among the more than 200 electric utilities analysed, which averaged a score of 42 points. This marks the ninth year in which Italy's National Transmission Grid operator has achieved the highest evaluation level within the Sustainability Yearbook.

S&P Global's evaluation is based on strict economic, environmental, and social criteria spanning all ESG areas: environmental impact, climate strategy, community relations, management of human resources, workplace safety, stakeholder engagement, corporate governance, risk management, respect for human rights, and supply chain controls. The recognition highlights Terna's excellent policies and performance across the ESG areas evaluated, including the quality and reliability of its sustainability reporting, human capital management and CO_2 emissions reduction, in line with the Group's commitment to achieving the Net Zero Science Based target by 2050, as outlined in the latest update of the 2024-2028 Industrial Plan.

This global achievement confirms Terna's role as an enabler of the energy transition, supporting a grid that is increasingly sustainable, secure, and resilient. Sustainability is one

of Terna's strategic drivers and it makes a vital contribution to the creation of value for the company and for the system as a whole. In fact, over 99% of the Group's projects are considered sustainable according to the eligibility criteria introduced by the European Taxonomy.

Terna
http://www.terna.it/

18 February 2026

Adani Group invests $100bn in renewable-powered AI data centres

Indian conglomerate Adani Group has announced plans to invest $100 billion in renewable-powered hyperscale AI-ready data centres by 2035.

The plan will see the expansion of AdaniConnex's existing 2GW national data centre to 5GW, which according to the Group, will combine renewable power generation, transmission infrastructure and hyperscale AI compute within a single coordinated architecture. Central to powering this strategy is Adani Green Energy's 30GW Khavda hybrid wind and solar project, of which over 10GW is already operational. Besides the Khavda project, the Group will be expanding its existing renewables and battery energy storage portfolio with a further $55 billion investment. The idea is to build an energy-and-compute ecosystem in parallel, where generation, grid resilience and high-density processing capacity are developed.

Facilities will then not only be optimised for large high-density compute clusters and next-generation AI workloads, they will also be supported by advanced liquid cooling systems and high-efficiency power architecture. To derisk the domestic supply chain, Adani will co-invest in local manufacturing partnerships of critical infrastructure components, including high-capacity transformers, advanced power electronics, grid systems, inverters and industrial thermal management solutions. Furthermore, the Group will work with academic institutions to establish specialised AI Infrastructure Engineering curricula, labs focused on energy and logistics and a national fellowship programme to address the growing skills gap. Indian conglomerate Adani Group has announced plans to invest $100 billion in renewable-powered hyperscale AI-ready data centres by 2035.

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Enlit
https://www.enlit.world/

19 February 2026

France Launches Construction of ELISE High-Temperature Sodium-Cooled Small Modular Reactor Test Facility

Recently, French small modular reactor developer Blue Capsule Technology announced a collaboration with French CSTI Groupe to build the full-scale high-temperature sodium test facility "ELISE" in Peyrolles-en-Provence. This facility will comprehensively simulate the high-temperature operating conditions of the sodium-cooled high-temperature small modular reactor (SMR) being developed by Blue Capsule, providing crucial data support for the reactor design.

Blue Capsule, a spin-off from the French Alternative Energies and Atomic Energy Commission (CEA), is currently developing a sodium-cooled high-temperature small modular reactor (SMR). It is expected to provide 150 megawatts of thermal energy at 700 degrees Celsius and 50 megawatts of electricity, with a designed operational lifespan of 60 years. The ELISE facility will specifically study the natural circulation characteristics and thermal-hydraulic behavior of liquid sodium under high-temperature conditions, which is an important technical foundation for ensuring the safe and efficient operation of this reactor.

As the first milestone in Blue Capsule's technology roadmap, ELISE is expected to operate for many years, laying the groundwork for the construction of a non-nuclear prototype in 2027-2028 and the commissioning of the first reactor in the early 2030s. The construction and operation of this facility will help advance the development of sodium-cooled small reactor technology centered on TRISO fuel, providing a new technological pathway for decarbonizing the industrial sector.

Edouard Hourcade, President of Blue Capsule, stated: The ELISE facility will be "the first of its kind" in France and will be open to other players in the field, allowing the broader nuclear energy industry to benefit from ELISE. For our company, this is also a milestone, marking our steady progress.

Interesting Engineering
http://interestingengineering.com/

20 February 2026

Global electricity demand set to grow strongly to 2030

The latest International Energy Agency (IEA) report on the electricity sector forecasts that the share of renewables and nuclear in the world's power mix will rise to 50% by the end of this decade, along with strong growth in natural gas demand.

Global power demand is set to grow by more than 3.5% per year on average over the rest of this decade, with electricity generation from renewables, natural gas and nuclear all expanding to keep pace, according to the new report, Electricity 2026.

Published on 6 February, the report is the IEA's annual assessment of global electricity systems and markets. It provides in-depth analysis of recent trends and policy developments, and includes forecasts for electricity demand, supply and carbon dioxide (CO_2) emissions over the five-year period through 2030. According to the report, electricity demand is on course to grow at least 2.5-times as fast as overall energy demand through 2030 as the 'Age of Electricity' takes hold. This is driven by rising industrial use of electricity, the continued uptake of electric vehicles, higher air conditioning use and the expansion of data centres and AI. While emerging and developing economies remain the main engines of electricity demand growth, consumption from advanced economies is also rising after 15 years of stagnation – contributing to a fifth of the total increase in power demand through 2030.

The report finds that global electricity generation from renewables − boosted by record deployment of solar photovoltaic – is now in the process of overtaking generation from coal, after almost drawing level with it in 2025, according to the latest available data. Nuclear power output also achieved a new record. The momentum behind low-emissions sources of generation continues to 2030, by which time renewables and nuclear are together set to generate 50% of global electricity, up from 42% today.

Natural gas-fired output is also set to grow through 2030, supported by rising electricity demand in the US and the continuing shift from oil to gas for power in the Middle East. Coal-fired generation loses ground globally as renewables expand, returning to 2021 levels by the end of the decade. As a result, global CO_2 emissions from electricity generation are expected to remain roughly flat between now and 2030.

The report emphasises that these trends – growing demand, an increasingly weather-dependent mix of power generation sources, and evolving electricity consumption patterns and technologies – require a rapid and efficient expansion of both electricity grids and system flexibility. Today, more than 2.5TW worth of projects – encompassing renewables, storage, and projects with large loads such as data centres – are currently stalled in connection queues worldwide.

New analysis in the report finds that as the expansion of grids advances, deploying grid-enhancing technologies and implementing regulatory reforms that enable more flexible grid connections and usage could allow for the integration of up to 1.6TW of queued projects in the near term. Together, these measures would allow the grid to be used more efficiently and unlock substantial capacity.

“At a moment of significant uncertainty across energy markets, one certainty is that global electricity demand is growing much more strongly than it did over the past decade. In this Age of Electricity, the increase in global power consumption through 2030 is set to be equivalent to adding more than two European Unions,” said IEA director of Energy Markets and Security Keisuke Sadamori.

The report finds that installations of utility-scale battery storage have risen sharply, providing an important source of short-term flexibility. Markets such as California, Germany, Texas, South Australia and the UK have all seen strong growth in utility-scale battery capacity deployment in recent years.

Electricity 2026 also notes that the affordability of electricity remains a key and growing concern. Household electricity prices in many countries have risen faster than incomes since 2019. Elevated prices are also putting pressure on industries and businesses. As a result, policymakers are focusing on policies, market designs and regulations that deliver not just additional investment but also greater flexibility and efficiency across all parts of the power system, including demand, supply and the use of infrastructure.

According to the report, greater efforts are needed to improve the security and resilience of power systems around the world, which face rising risks associated with ageing infrastructure, extreme weather events, cyberthreats and other emerging vulnerabilities. Modernising how systems operate, as well as strengthening the physical protection of critical infrastructure, will be essential to countering these threats, the report emphasises.

Power-technology
http://www.power-technology.com/

24 February 2026

PJM proposes behind-the-meter reforms in data center colocation effort

The PJM Interconnection on Monday asked federal regulators to approve changes to its retail behind-the-meter generation rules as part of an effort to facilitate colocating generating resources with data centers.

PJM also proposed three new transmission services for colocated loads — with the rates, terms and conditions for those services expected in a future filing at the Federal Energy Regulatory Commission. The new transmission services are interim network integration transmission service, firm contract demand transmission service and non-firm contract demand transmission service.

The filing is in response to FERC's Dec. 18 order directing PJM to revamp its colocation and behind-the-meter rules, which were established in 2004. The rules allow facilities with behind-the-meter generation to net out their load, which reduces transmission and other grid charges. In a move that affects combined heat and power, or cogeneration, facilities at industrial sites, PJM's proposal would establish a 50-MW threshold for behind-the-meter facilities that would fall under the proposed requirements, set a three-year transition period for putting the threshold in place and grandfather entities with existing behind-the-meter contracts through the life of the contracts.

New loads larger than 50 MW would be ineligible for netting, according to PJM's proposal. Also, backup generation wouldn't count towards the 50-MW threshold. "PJM continues to work with its members to support efforts to accelerate the speed and increase the scale with which the United States can build the next generation of AI infrastructure, especially the necessary capacity to support this load while also ensuring reliability and fair treatment for all users of the grid," the grid operator said in its proposal.

Separately, the PJM Industrial Customer Coalition and the Industrial Energy Consumers of America — trade groups for industrial energy users — contend FERC's December order could harm behind-the-meter operations in PJM.

"Without key clarifications, the Order threatens to weaken some of the largest manufacturers in the PJM region, render hundreds of megawatts — if not more — of existing retail behind-the-meter generation uneconomic, stall new projects, and further stress the resource adequacy of the electric grid at an inopportune time," the trade groups said in a Jan. 20 filing at FERC.

Transmission and capacity cost savings through netting are a key factor that makes it worthwhile for industrial companies to build and operate generation at their facilities, the groups said. "Removal of retail BTMG 'netting' rules should not be implemented without ensuring retail BTMG customers can access alternatives that enable them to manage capacity and transmission costs in accordance with actual system use," the groups said.

FERC's order would eliminate netting for new behind-the-meter arrangements that manufacturers have relied on for decades, according to Paul Cicio, IECA president. It would effectively eliminate combined heat and power as an option for manufacturers, he said Monday in an interview. "It damages the economics big time," Cicio said.

Also, removing behind-the-meter generation as a viable option for manufacturers runs counter to Trump administration goals, according to Cicio. "This administration, the Department of Energy, is strongly supportive of ensuring that manufacturing behind the meter stays operating," Cicio said. "If not, it increases generation, because if we don't generate [behind the meter], that means we're going to be buying more power off the grid, which makes things all worse."

The Pennsylvania Office of Consumer Advocate on Thursday told FERC it supported the trade groups' filing. Existing combined heat and power cogeneration facilities in Pennsylvania do not use PJM's energy or capacity markets or its transmission system, the OCA noted. "Throughout this proceeding, the Commission should continue its vital focus on addressing new data center large load configurations that shift costs and create transmission and resource adequacy planning problems," the OCA said.

Utility Dive
http://www.utilitydive.com/

24 February 2026

DOE Extends Eddystone Emergency Order Through May

The U.S. Department of Energy has ordered PJM and Constellation Energy to keep the 760-MW Eddystone Generating Station online through May 24, extending an emergency order that has been in place since the plant's final two gas-fired units were to deactivate May 31, 2025.

In an announcement of the Federal Power Act Section 202(c) order, Energy Secretary Chris Wright said the units helped PJM keep the grid reliable during the late January 2026 winter storm — dubbed Fern by The Weather Channel — during which Eddystone ran for 124 hours. The order states the generator, which is outside Philadelphia, must remain online because of "a shortage of facilities for the generation of electric energy and other causes."

"The energy sources that perform when you need them most are inherently the most valuable — that's why natural gas and oil were valuable during recent winter storms," Wright said. "Hundreds of American lives have likely been saved because of President Trump's actions keeping critical generation online, including this Pennsylvania generating station which ran during Winter Storm Fern. This emergency order will mitigate the risk of blackouts and maintain affordable, reliable and secure electricity access across the region."

The order is the third 90-day mandate for PJM and Constellation, which owns Eddystone, to keep Units 3 and 4 online. DOE has also ordered Consumers Energy to keep its 1.45-GW J.H. Campbell coal generator in western Michigan to stay online until May 18 under a similar order.

The department wrote that the need for additional generation has continued to grow in PJM, pointing to the RTO's Reliability Resource Initiative, which is expediting the interconnection studies for 51 projects.

The order states Eddystone is needed for both near- and long-term emergency conditions, the latter of which would be hard to address if the units were allowed to deactivate.

"Practical issues, such as employment, contracts and permits, may greatly increase the timeline for resumption of operations during the period they are needed," DOE wrote. "If Constellation Energy were to begin disassembling the units or other related facilities, the associated challenges would be greatly exacerbated. Thus, continued operation is required in such cases so long as the secretary determines that an emergency exists."

RTO Insider
http://www.rtoinsider.com/

25 February 2026

Trump says he has told big tech companies to build their own power plants

President Donald Trump said on Tuesday during his State of the Union address that his administration has told major technology companies they must build their own power plants for their data centers, a measure meant to protect consumers from rising bills.

The announcement comes amid growing local opposition to energy-hungry data center projects around the country blamed for a jump in electricity costs. "Tonight, I'm pleased to announce that I have negotiated the new rate payer protection pledge. You know what that is? We're telling the major tech companies that they have the obligation to provide for their own power needs," he said.

"We have an old grid. It could never handle the kind of numbers, the amount of electricity that's needed. So I'm telling them, they can build their own plant. They're going to produce their own electricity. It will ensure the company's ability to get electricity, while at the same time, lowering prices of electricity for you," he said.

He did not name the companies involved or provide details on how the plan would be implemented or enforced. The White House is expected to host companies in early March to formalize the effort, according to two sources familiar with the plan. The Trump administration supports efforts to advance artificial intelligence in competition with China, but the impacts of the rapid proliferation of AI data centers on power prices have become a potential vulnerability for Republicans ahead of the November midterm elections.

PJM Interconnection, the largest power grid operator in the U.S., last month unveiled a plan in which new large power users would either bring their own new generation to the grid or limit their usage when the system is stretched.

Companies such as Anthropic and Microsoft, opens new tab have also voluntarily announced initiatives to limit the impact of data centers on consumer energy prices.

Reuters
http://www.reuters.com/

25 February 2026

DOE loans Southern $26.5B for 5 GW of new gas, other grid investments

The U.S. Department of Energy said Wednesday it has closed a $26.5 billion loan package to Southern Co. to build or upgrade 16.7 GW of grid resources, including 5 GW of new gas generation. It is the largest loan in DOE's history, and officials say it will deliver over $7 billion in cost savings for customers of Southern subsidiaries Georgia Power and Alabama Power. Southern serves 9 million customers across the Southeast. Last week it announced that its five-year multistate spending plan now sits at $81 billion as it works to meet growing electricity demand. The DOE loan "will support the extraordinary and transformative projected growth we're seeing across our company," said Chris Womack, Southern's chairman, president and CEO.

DOE said the loans will support new gas generation as well as 6.3 GW of nuclear through upgrades and license renewals, 1 GW of hydropower modernization, battery energy storage systems and over 1,300 miles of transmission distribution system projects. A fact sheet DOE provided specifies the loans will result in 5.3 GW of new gas generation and nearly 500 MW in gas capacity upgrades. The additions include three new natural gas turbines totaling 1.3 GW at the Yates Power Plant in Georgia, set to be online by the end of 2027. Southern will add additional generation at three other plants by the end of 2030, DOE said. The loans "will help lower the cost of investments in our grid that will enhance reliability and resilience for the benefit of our customers," Womack said. According to a DOE statement, the loans represent "the largest government investment aimed at directly lowering consumer energy costs and increasing grid reliability." The agency said the loans are estimated to reduce Southern's interest expenses by over $300 million annually, "helping expedite lower electricity costs for customers."

Georgia Power's base rates are currently frozen through at least the end of 2028 under an agreement the state's Public Service Commission approved in 2025. Alabama Power's rates are also frozen through 2027 under a voluntary moratorium the utility requested.

Utility Dive
http://www.utilitydive.com/

25 February 2026

Toyota Strengthens EV Sales in the US Market, Launches Home Charging Partnership Program

Toyota Motor recently announced an intensified push for pure electric vehicle sales in the US market and has established a home electric vehicle charging partnership with

American company Treehouse, aiming to enhance the consumer car-buying experience. This move signifies Toyota's further expansion in the electric vehicle sector, and the launch of the new C-HR EV also strengthens its product lineup. Home charging is crucial for electric vehicle users, with most owners preferring to charge at home. Treehouse provides potential buyers with customized installation cost estimates through data collection, helping to reduce upfront investment. The Chief Product Officer of Treehouse stated: "For example, EV owners who rely solely on public chargers typically pay around $150 per month, while financing a home charger installation and paying for home electricity costs only about $105 per month, resulting in immediate savings."

The partnership between Toyota and Treehouse applies to all Toyota and Lexus hybrid and pure battery electric vehicles. Toyota explained: "All 2026 and newer Toyota and Lexus BEV and PHEV models come standard with a dual-voltage 120V/240V AC home charger, allowing for Level 1 and faster Level 2 charging." Under ideal conditions, the dual-voltage charging cable has a maximum output of 7.7 kW, capable of charging a vehicle from around 10% to full capacity overnight.

Through Treehouse, Toyota customers can simplify the home charging station installation process and utilize faster Level 2 charging options. Toyota pointed out: "By including the dual-voltage charging cable, Toyota and Lexus owners can flexibly access Level 2 charging by simply installing a 240V outlet through Treehouse." Additionally, Treehouse offers a hardwired ChargePoint Home Flex Level 2 charger, which can further reduce charging time by up to 30%, depending on the vehicle and setup.

Treehouse has secured over $25 million in funding from multiple investors and partners with companies like Tesla, Ford, and Rivian. Recently, Treehouse collaborated with US energy company Constellation to install Level 2 home charging stations in EV-friendly Maryland, expanding its service reach. Constellation explained: "Ultimately, this agreement aims to fill a gap in after-sales services, focusing on accessible charging solutions and an excellent installation experience."

Toyota reaffirmed its plan to bring the C-HR back to the US, with the new all-electric C-HR expected to go on sale next month, joining the refreshed bZ and the new bZ Woodland SUV. Toyota stated: "The model features a striking wide-body sport coupe-like silhouette. The C-HR also offers robust electric performance, equipped with dual motors and standard electronic all-wheel drive, with a combined system output of 338 horsepower." Although Toyota continues to rely on hybrids, the new C-HR is its third all-battery vehicle to be sold in the US, with a competitive starting Manufacturer's Suggested Retail Price (MSRP) of $37,000.

World Energy
http://www.world-energy.org/