



Data Centers: Energy Usage

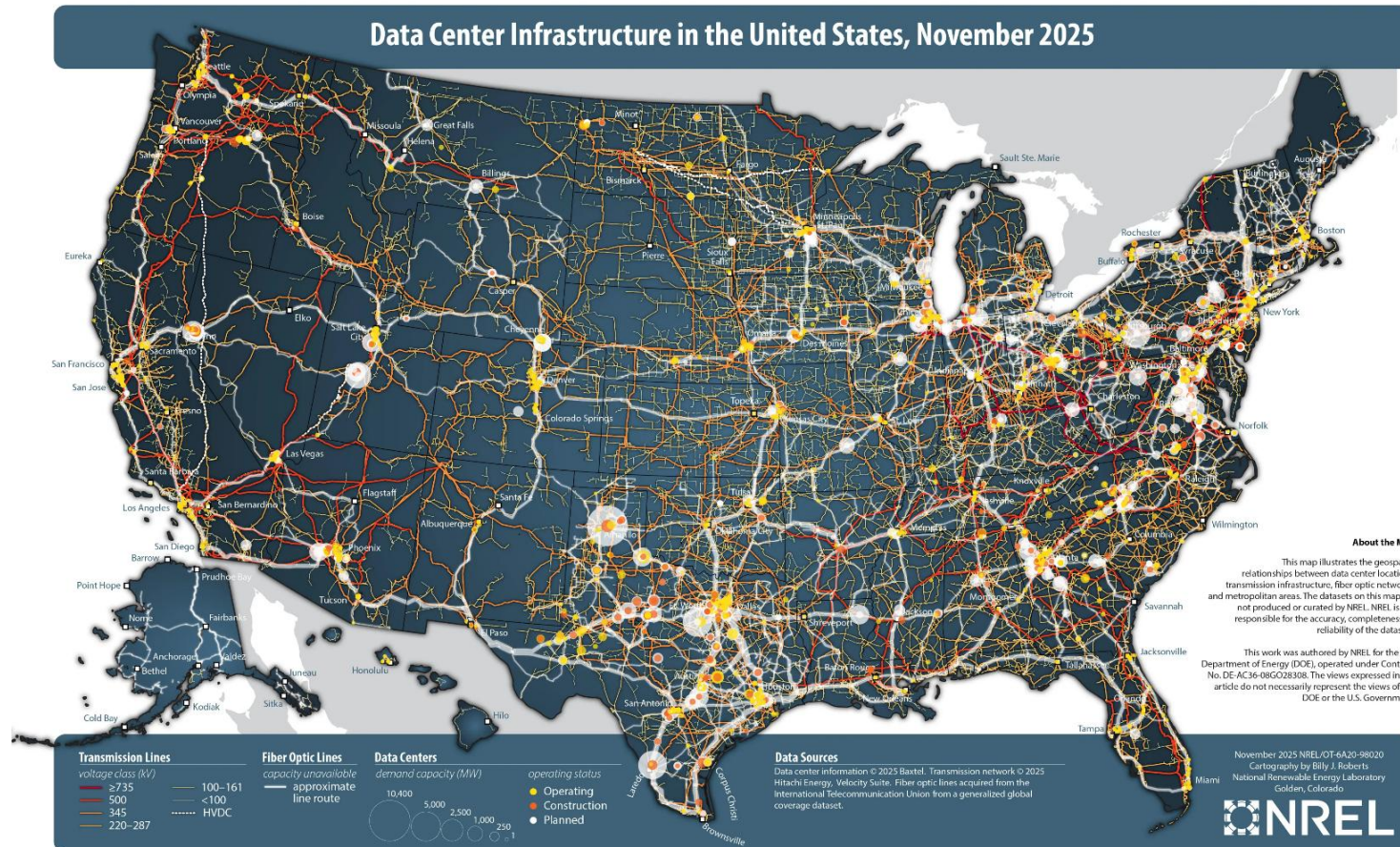
State Policy Trends

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Data Centers and Energy Demand

Data Centers could make up over 9% of national electricity consumption by 2030

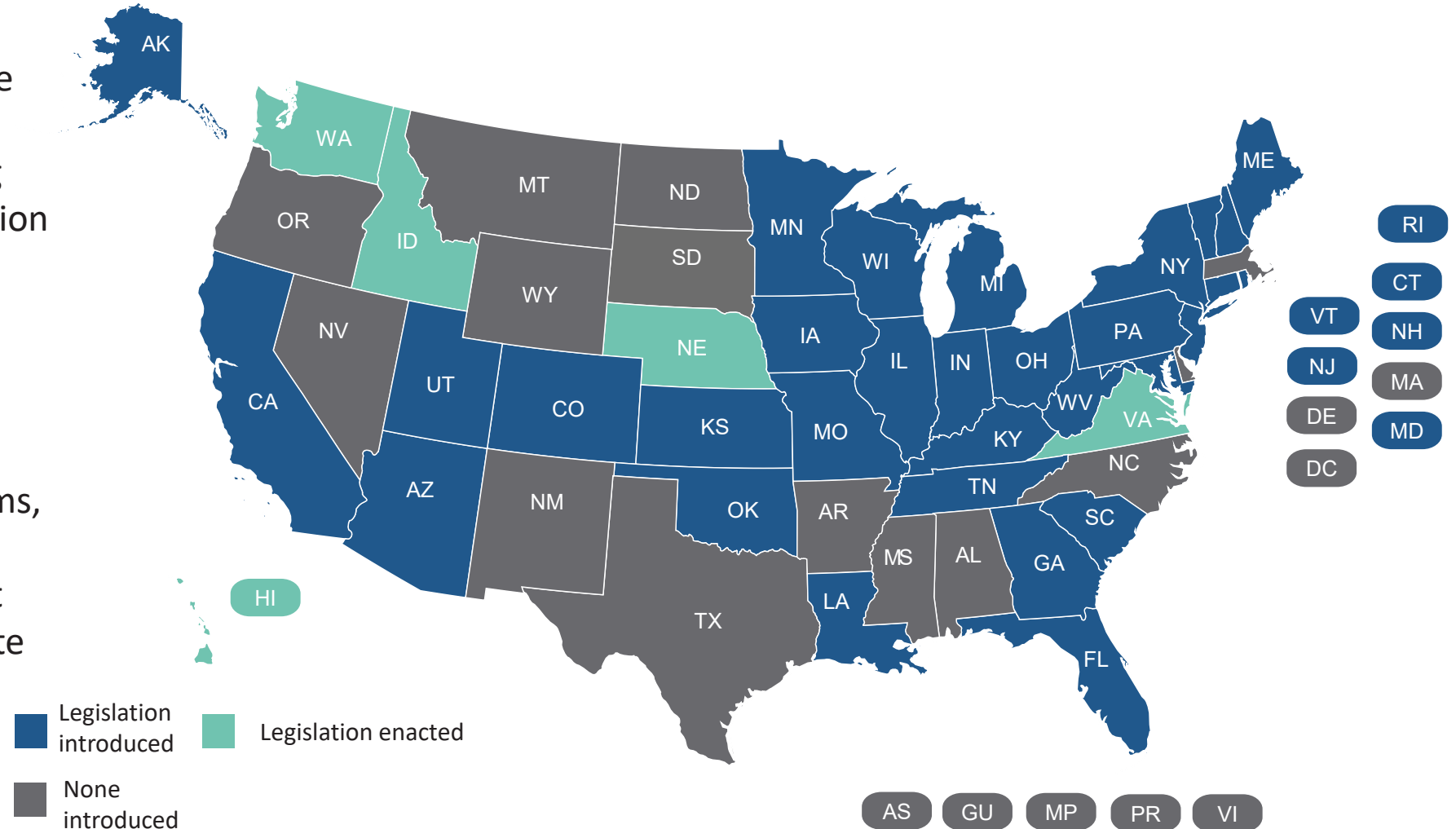


Source: [National Lab of the Rockies](#)

States are Taking Action

State Legislation Concerning the Energy Usage of Data Centers in 2026

- So far in 2026, states have considered more than 150 pieces of legislation addressing the energy consumption of data centers
- State strategies to address consumption include demand management programs, energy reporting requirements, impact studies, and utility rate regulation



Tariffs and Contracts for Data Centers



- **The expansion of data centers requires significant investments in the grid to support the increase in energy demand.**
- **Many states are considering specific tariffs or rate schedules for large loads like data centers to prevent costs associated with their interconnection from shifting to unrelated customers.**
- **State definitions of large loads range from 20 MW to 100 MW.**
- **Key Enacted Legislation**
 - Maryland SB 937 (2025)
 - Oregon HB 3546 (2025)
 - Minnesota HF 16 (2025)
 - Utah SB 132 (2025)
 - Idaho HB 911 (2026)

Demand Side Management



- **States have considered various measures to manage the energy consumption of data centers.**
- **Virginia HB 284 (Enacted, 2026)** – requires utilities to establish voluntary demand flexibility programs for high energy demand customers.
- **Texas SB 6 (Enacted, 2025)** – set new interconnection rules for large loads and requires large loads to participate in a mandatory demand side management program.
- **West Virginia HB 2014 (Enacted, 2025)** – established the High Impact Data Center Program and the Microgrid Development Program.
- **Kansas HB 2664 (Introduced, 2026)** – would establish a framework for private energy campuses to serve the needs of large loads like data centers.
- **Colorado HB 1030 (Introduced, 2026)** – would allow a 100% state sales and use tax exemption on qualified purchases for data center operators that commit to obtaining certification under one of several energy efficiency standards.

Energy Usage Reporting



- **Starting in 2025, states began to introduce legislation requiring data center operators to submit regular reports on their energy and water consumption.**
- **Report requirements may include energy and water consumption, power usage effectiveness, energy sources, and energy efficiency and water conservation measures implemented**
- **Reporting requirements may help states forecast future load trends from data centers or identify potential net peak demands.**
- **Legislative Examples**
 - New Jersey SB 4293 (Vetoed, 2025)
 - Nebraska LB 1010 (Enacted, 2026)
 - Oklahoma HB 3394 (Introduced, 2026)
 - California AB 1577 (Introduced, 2026)
 - Utah HB 585 (Introduced, 2026)



Thank you!

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