



Commonwealth of Virginia

STATE CORPORATION COMMISSION

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The Honorable L. Louise Lucas
President Pro Tempore of the Senate of Virginia
Chair, Senate Finance and Appropriations Committee
Senate of Virginia

The Honorable Luke E. Torian
Chair, House Appropriations Committee
Virginia House of Delegates

Dear Chair Lucas and Chair Torian:

House Bill 30 (Budget Bill) from the 2026 Special Session I of the Virginia General Assembly, directed, in part that:

D. The State Corporation Commission, with the assistance of the Department of Environmental Quality, and all other agencies of the Commonwealth, any political subdivision, or any applicable utility shall provide assistance as requested, shall collect the following and report the information in an aggregated format to the Chairs of the Senate Finance and Appropriations and House Appropriations Committees by October 1, 2026, and each year thereafter: (i) all electric service agreements or equivalent contracted demand with data centers, including their electric load, from all electric utility providers; (ii) all data center water usage information from municipal or private water providers; and (iii) permitting information on data center generators and tier of each generator.

Data Response

In response to the above legislation, the staff of the State Corporation Commission (“Staff”) has compiled the information below, with the assistance of relevant state agencies and the affected utilities:

- (i) All electric service agreements or equivalent contracted demand with data centers, including their electric load, from all electric utility providers:
- Rappahannock Electric Cooperative: **842 MW**
 - Mecklenburg Electric Cooperative: **898 MW**
 - Appalachian Power Company: **541.4 MW**
 - Northern Virginia Electric Cooperative: **7,513 MW**
 - Dominion Energy Virginia: **11,997 MW**
- (ii) All data center water usage information from municipal or private water providers:
- No responding regulated water utility identified itself as serving data centers, including the two largest regulated water utilities, Aqua, VA and Virginia American Water Company. The investigation is ongoing, and Staff will update this report with any new data received.
 - Responses from municipal utilities, which are outside of Commission jurisdiction, were not received in time for this report. Staff will update this report with any data received.
 - Staff notes that in response to [Senate Bill 553](#) from the 2026 Regular Session of the Virginia General Assembly, the Virginia Department of Environmental Quality's (DEQ) Office of Water Withdrawal Permitting is currently developing a reporting platform and associated front facing public dashboard of water withdrawal and use data for a number of different categories, including data centers. The "go live" date for this dashboard is January 1, 2027. Upon completion, data from this dashboard could inform future reporting on this topic.
- (iii) Permitting information on data center generators and tier of each generator:
- Tier 2 (or earlier) gen-sets: **10,290 gen-sets** with a combined capacity of **26,718 MW**.
 - Tier 4 or Tier 4-equivalent gen-sets: **3,477 gen-sets** with a combined capacity of **6,414 MW**.

Conclusion

We hope that you have found this information useful. Please let us know if you have further questions.

Sincerely,

David N. Essah

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