



Interconnection outlook — Loudoun County, VA

962 MW of announced data-centre load against an active generation queue of 965 MW and 812 MW ever connected.

Prepared for

Public sample · wattstreet.net

Report

rpt_2ed6f14b09fc · version 1

Data as of

September 7, 2026

Subject

FIPS 51107 · Loudoun County, VA

Every figure in this report traces to a row in the Watt Street database. Sources, coverage and definitions are on the final page. Nothing here is estimated, re-derived or rounded from a source we did not read. **This document will not change.** If the underlying data moves, a new version is generated and this one stays available.

Loudoun County, VA

ANNOUNCED LOAD

962

MW · 6 sites

ACTIVE QUEUE

965

MW · 6 projects

EVER CONNECTED

812

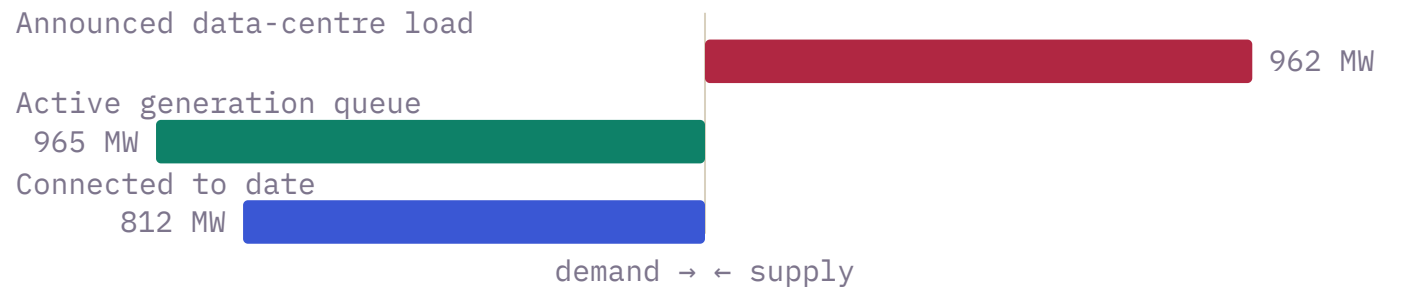
MW cumulative

MEDIAN WAIT

5.5

years

Demand against supply



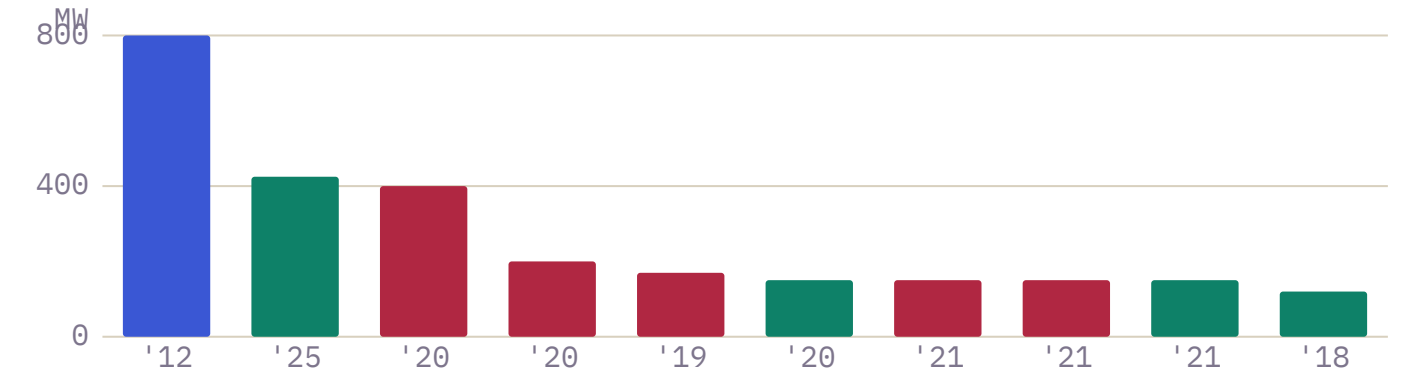
Announced load is nameplate from public announcements, not an energised interconnection. Active queue is capacity with a live request. Connected is cumulative capacity recorded as in service.

VA holds 29.1 GW of active queue across 56 counties and has connected 21.1 GW, at a 74% withdrawal rate.

19 requests, 12 withdrawn

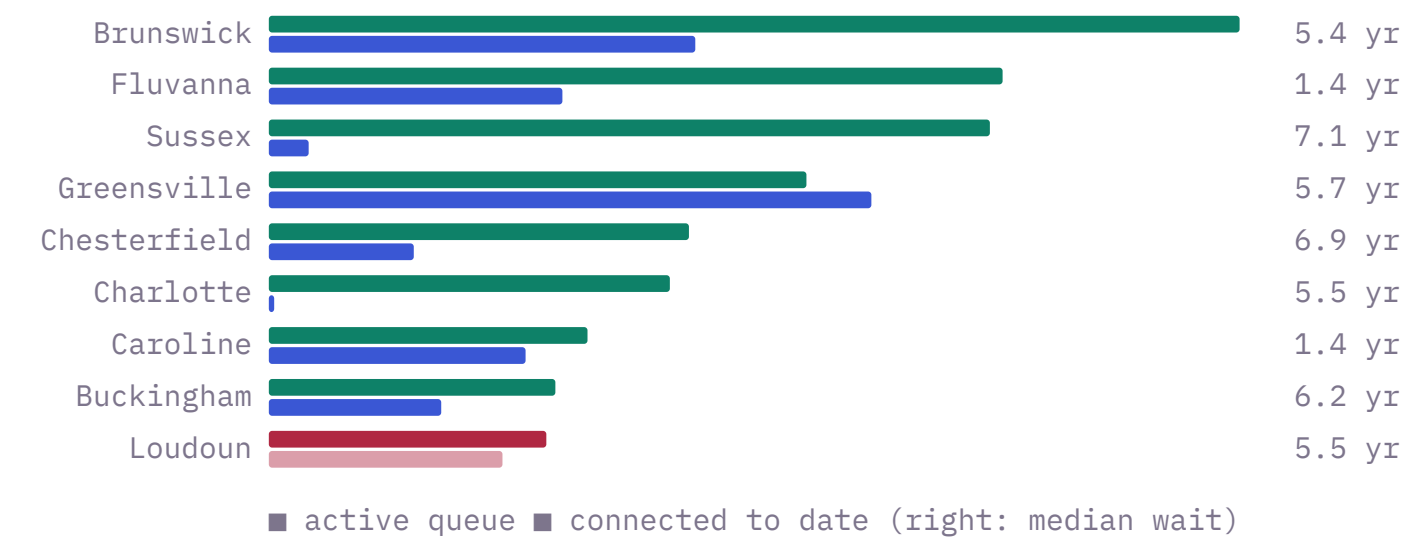
POINT OF INTERCONNECTION	FUEL	MW	FILED	STATUS	INTERCONNECTING UTILITY
Pleasant View-Brambleton 230kV	Gas	800	2012-01	completed	Dominion
Brambleton-Goose Creek 500kV	Battery	425	2025-04	active	Dominion
New Road 230 kV	Battery	400	2020-05	withdrawn	Dominion
Evergreen Mills 230 kV	Battery	200	2020-09	withdrawn	Dominion
New Road 230 kV	Battery	170	2019-08	withdrawn	Dominion
Poland Rd-Runway DP 230 kV	Battery	150	2020-09	active	Dominion
Loudoun 230 kV	Battery	150	2021-03	withdrawn	Dominion
Beaumeade 230 kV	Battery	150	2021-03	withdrawn	Dominion
Poland Rd-Runway DP 230 kV	Battery	150	2021-09	active	Dominion
New Road 230 kV	Battery	120	2018-12	active	Dominion

Capacity by filing, coloured by outcome



Red is withdrawn, green active, blue completed. Ten largest shown of 19.

Where Loudoun sits in VA



Upper bar is active queue, lower is capacity connected to date. A county whose lower bar exceeds its upper has historically delivered more than it currently has waiting.

NEARBY FACILITY	OWNER	ANNOUNCED MW
Google Arcola	Google	77
Google Bristow	Google	238
STACK Infrastructure NVA02	owner unknown	85
QTS Richmond 1	owner unknown	238
QTS Richmond 2	owner unknown	180
QTS Richmond 3	owner unknown	144

METHOD

Where every number came from

Each figure above, its source column, and the coverage limit that applies to it.

Active queue

counties.active_mw Coverage: 37,261 of 39,173 filings carry a capacity value (95%).

Projects active

counties.n_active

Connected to date

counties.connected_mw Summed nationally this column reaches 1,144 GW while completed projects sum to 813 GW. The two aggregations do not reconcile, so treat this as a relative signal between counties and do not add it to a national total.

Median wait

counties.median_wait_yrs Coverage: 7,406 of 39,173 rows carry a measured wait (19%), active projects only.

Announced data-centre load

datacenters, matched by nearest county centroid Coverage: 44 of 72 rows carry coordinates. Values are announced nameplate, not energised capacity, and the county match is an approximation that can misassign a site close to a county line.

Large-load interconnection requests

load_projects load_projects covers BPA and NYISO only. The absence of a large-load request for this county means we have no data, NOT that no request exists.

Filing history

projects where fips='51107'. Withdrawal dates exist for 16,009 of 25,996 withdrawn rows nationally (62%).

Interconnecting utility

projects.developer. This column is mislabelled. For PJM and the LBNL non-ISO regions it holds the transmission owner rather than the project developer. It is used here correctly, as the interconnecting utility.

Watt Street · The record of the grid.

Report rpt_2ed6f14b09fc, version 1. Data as of September 7, 2026. This document is immutable: the figures above will not change. A newer version is generated whenever the underlying data moves, and both remain retrievable.
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