

Data Centers in Loudoun County

Stay Informed. Get Involved.

Information for Residents

Data center development is an important issue for all Loudoun County residents. This resource provides information and actionable steps for residents in relation to Loudoun County's data centers.

How is Loudoun County Addressing Concerns About Data Centers?

- In 2025, the Board of Supervisors (BOS) ended by-right development of data centers. All new data center development requires legislative approval from the BOS.
- **Loudoun County is updating the 2019 Comprehensive Plan and Zoning Ordinance to:**
 - Improve the county's ability to influence and guide the location, development and management of high-voltage transmission corridors and electrical infrastructure; and
 - Identify and mitigate adverse impacts of data centers through ordinances and amendments around noise, screening, standards for generators and siting of other components of data centers.
- The Board of Supervisors and county staff are hosting town hall events and public engagement meetings to hear residents' concerns and to provide information about data center development.



Get Involved

Watch and participate in Board of Supervisors and Planning Commission meetings.

- loudoun.gov/meetings

Noise Concerns

- The Loudoun County Zoning Ordinance stipulates maximum sound levels, measured in dBA at the receiving property line, for different zoning districts.
- When a resident submits a complaint, the county's zoning enforcement division responds and collects data to evaluate the noise emanating from the suspect noise source.

Submit a concern at loudoun.gov/LEX

Transmission Lines

- Loudoun County is closely monitoring potential high-voltage transmission lines that are proposed for construction within the county.
- While Loudoun County has no formal role in the approval process for transmission lines, the county may file a "notice of participation" in cases before the State Corporation Commission (SCC), which is the regulatory authority over utilities in Virginia.

Stay informed at loudoun.gov/TransmissionLines

Lower Taxes

Loudoun County has the lowest tax rates in Northern Virginia

The BOS is focused on budgeting in a manner that is equitable and utilizes available tax revenue effectively with a goal of reducing the tax burden on residential taxpayers.

- The Tax Year 2027 rate will be even lower for Loudoun vehicles at \$2.94 per \$100 in assessed value.



2025
\$4.15



2026
\$3.09

- Revenue generated from data centers has allowed the Board to lower the real property tax rate every year since 2016.



2016
\$1.145



2026
\$0.805

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- loudoun.gov/BOS

Find more information about data centers and how the county continues its work to better define the standards, policies and regulations that will shape the future of data center development.

- loudoun.gov/DataCenters
- loudoun.gov/DataCenterStandards

