

Site Scanner

36.182000, -86.463386

Report ID 2e03e798-540b-41c6-9654-5fe47ebe8c3c Created 2026-10-04T01:32:23.918Z

1 FRANCHISE UTILITY

MIDDLE TENNESSEE E M C resolved

Determined by point-in-polygon match against a single EIA/HIFLD certified service area boundary.

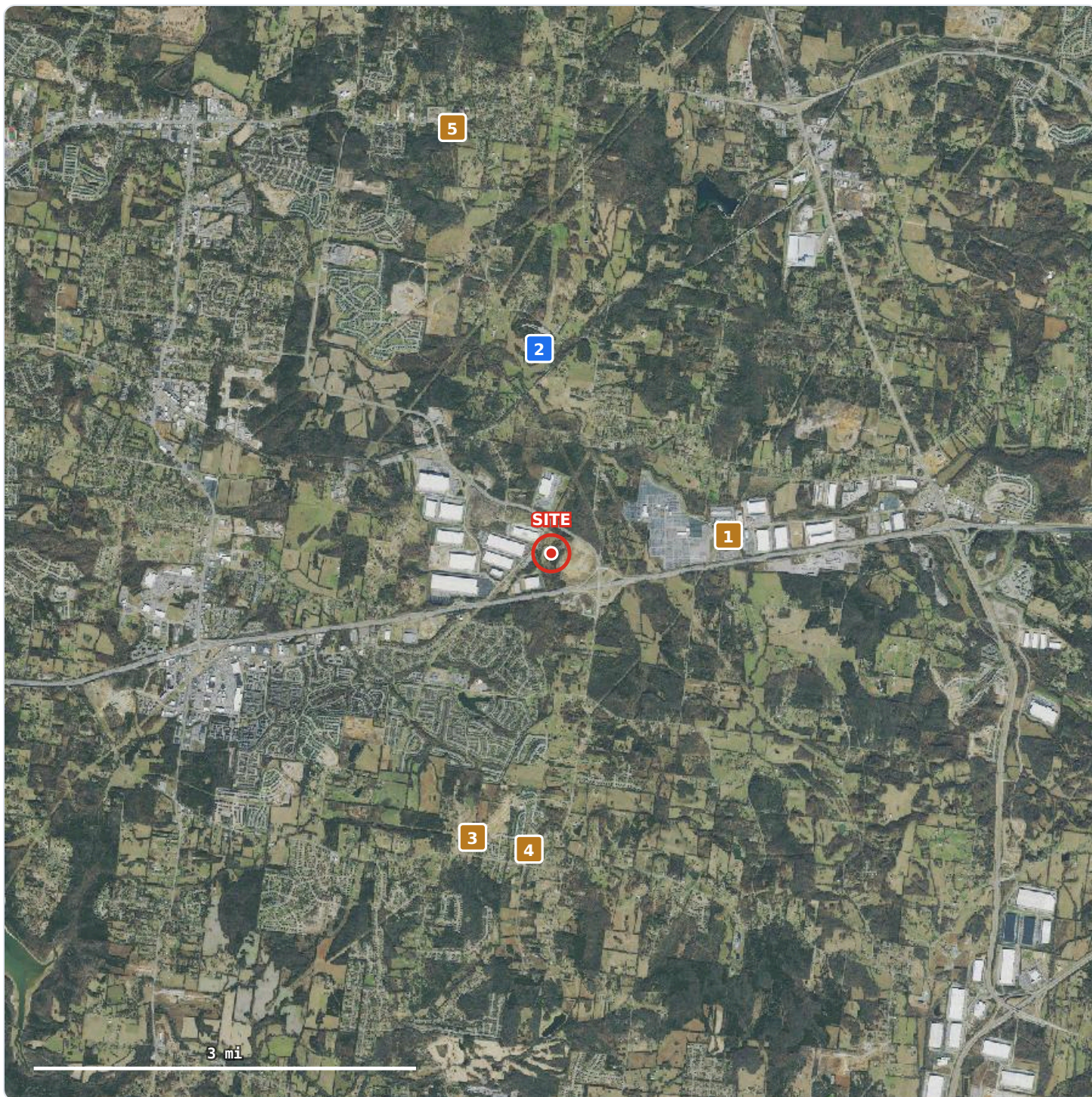
Ownership type	COOPERATIVE
Regulated	REGULATED
Holding company	MIDDLE TENNESSEE E M C
Control area	TVA
Customers	329,992
Data year	2022

Source: HIFLD/EIA Electric Retail Service Territories (public ArcGIS mirror) · source date 2023-08-01
https://services3.arcgis.com/0YP7N6mAJJCyH6hd/arcgis/rest/services/Electric_Retail_Service_Territories_HIFLD/FeatureServer/0

2 NEAREST HIGH-VOLTAGE INFRASTRUCTURE

#	DISTANCE	VOLTAGE	LINES	NAME	FACILITY TYPE
1	1.40 mi	161 kV	2	EASTGATE * MOUNT JULIET, TN	named terminal facility
2	1.61 mi	500 kV	10	WILSON MOUNT JULIET, TN	utility substation
3	2.31 mi	161 kV	3	line tap point * MOUNT JULIET, TN	line tap point
4	2.33 mi	161 kV	1	CENTRAL PIKE * MOUNT JULIET, TN	named terminal facility
5	3.43 mi	161 kV	1	MARTHA * MOUNT JULIET, TN	named terminal facility

n/r = not recorded in source data · search radius 10 miles



1 EASTGATE · 1.40 mi · 161 kV

3 unnamed record · 2.31 mi · 161 kV

5 MARTHA · 3.43 mi · 161 kV

2 WILSON · 1.61 mi · 500 kV

4 CENTRAL PIKE · 2.33 mi · 161 kV

Aerial imagery: USDA NAIP imagery via USGS The National Map — Public domain (USDA/USGS), retrieved 2026-09-27. Marker positions are the source dataset's own coordinates; where records coincide, markers are separated slightly so each stays visible. Distances in the key are measured, not scaled off this drawing. Not a survey.

*** Not necessarily an interconnection point.**

- **named terminal facility** — Named facility with only 2 line connections. May be a distribution substation or a dedicated customer service rather than a transmission-level interconnection point.
- **line tap point** — Named TAP<id> in the source data — a junction on a transmission line rather than a load-serving substation. Not normally an interconnection point.

- Distances are straight-line (haversine), **not** engineering route length.
- HIFLD does not record substation ownership. Proximity does not imply availability — a nearby facility may be a customer-owned on-site substation serving an adjacent property.
- 1 of 5 carry a placeholder name in the source dataset.

Source: HIFLD Electric Substations (Oregon Explorer / OSU 2022 mirror)

https://services1.arcgis.com/CD5mKowwN6nIaqd8/arcgis/rest/services/project_renewable_us_substations_2022/FeatureServer/10

3 SITE CONTEXT

WATERSHED

Lower Cumberland-Old Hickory Lake

HUC-8 05130201

Source: USGS Watershed Boundary Dataset (WBD) · retrieved 2026-09-22

<https://hydro.nationalmap.gov/arcgis/rest/services/wbd/MapServer/4>

FEMA FLOOD ZONE

Zone X not in SFHA

AREA OF MINIMAL FLOOD HAZARD

Outside the 0.2% annual chance floodplain (minimal hazard)

FIRM panel 47189C

Parcel centroid only — a single point, not the whole site.

Source: FEMA National Flood Hazard Layer (NFHL) · retrieved 2026-09-22

<https://hazards.fema.gov/arcgis/rest/services/public/NFHL/MapServer/28>

LOCAL MORATORIA

1 instrument recorded for these jurisdictions 1 active or extended

Census places this point in Wilson County · District 25 · Mount Juliet city. A county-level instrument is listed, and the point is inside an incorporated place — see Appendix B.

2 other instruments recorded within 25 miles (0 active or extended), measured to jurisdiction centroids.

Recorded is not the same as applicable, and the dataset is a lower bound: an absence here is not evidence that no moratorium exists. Detail and scope caveats: Appendix B.

Source: Moratorium Data 2026 (Bommarito) — local moratorium inventory · current through 2026-09-23

<https://github.com/mjbommar/moratorium-data-2026>

4 DATA COMPLETENESS

6 of 6 expected fields resolved

Resolved: location, franchiseUtility, nearestSubstation, substationVoltage, watershed, floodZone

5 WHAT THIS REPORT DOES NOT TELL YOU

- Available load capacity at any substation. No utility publishes this for large loads; this report is a screening aid, not a system impact study.
- Interconnection cost or timeline for a specific project.
- Zoning approval likelihood.
- Interconnection queue data is appended to the bottom of this report when a substation listed above is an exact name and county match against the queue dataset. Visit the [Queue Wire](#) for further research.
- Whether a local moratorium covers this site. Instruments recorded for the jurisdictions containing the point are listed in Appendix B, but their scope is set by their own text, which this report does not read.
- Transmission line proximity — substations only.
- Whether a substation is physically accessible, expandable, or has available bay positions.

This report is built to **rule out sites with no nearby transmission infrastructure**. A site with nothing in range is a defensible elimination. The reverse does not hold: proximity to the facilities listed above is not access to power, and nothing here establishes that a connection is available, affordable or achievable on any schedule.

6 SOURCES AND DATA VINTAGE

SUBSTATIONS

HIFLD Electric Substations (Oregon Explorer / OSU 2022 mirror)

https://services1.arcgis.com/CD5mKowwN6nIaqd8/arcgis/rest/services/project_renewable_us_substations_2022/FeatureServer/10

Publisher vintage 2022-06-03 · ingested 2026-08-30 · 78,373 records · None (Public Use) — HIFLD Open

FRANCHISE TERRITORIES

HIFLD/EIA Electric Retail Service Territories (public ArcGIS mirror)

https://services3.arcgis.com/0YP7N6mAJJCyH6hd/arcgis/rest/services/Electric_Retail_Service_Territories_HIFLD/FeatureServer/0

Publisher vintage 2023-08-01 · ingested 2026-08-30 · 2,845 records · HIFLD Open / EIA-861 derived (public-use US Government data)

WATERSHED

USGS Watershed Boundary Dataset (WBD)

<https://hydro.nationalmap.gov/arcgis/rest/services/wbd/MapServer/4>

Retrieved 2026-09-22 · Public domain (USGS/USDA-NRCS)

FLOOD HAZARD

FEMA National Flood Hazard Layer (NFHL)

<https://hazards.fema.gov/arcgis/rest/services/public/NFHL/MapServer/28>

Retrieved 2026-09-22 · Public domain (FEMA)

LOCAL MORATORIA

Moratorium Data 2026 (Bommarito) — local moratorium inventory

<https://github.com/mjbommar/moratorium-data-2026>

Publisher vintage 2026-09-23 (commit dbaab04d84f8) · ingested 2026-10-04 · 1,291 records · CC-BY-4.0 (data) — attribution: Bommarito, Michael J. (2026), Moratorium Nation

JURISDICTIONS

US Census Bureau Geocoding Services — geographies by coordinates

<https://geocoding.geo.census.gov/geocoder/geographies/coordinates>

Retrieved 2026-10-04 · Public domain (US Government work)

Screening aid, not an engineering study. This report helps prioritize sites before committing to engineering due diligence. It is not a system impact study and carries no warranty. Underlying public datasets are published on their own schedules and may have changed since the retrieval dates shown above. Every figure in this report is reproducible from the cited sources; nothing is estimated, modelled, or generated.

B APPENDIX — LOCAL MORATORIA

Local moratorium instruments — temporary pauses on accepting or approving certain development, most often data centers — as recorded in a third-party research dataset. Rows are reproduced as published; this report does not read the instruments themselves. This dataset tracks moratoria only — not project proposals, planning-commission reviews, or permanent zoning rules — so active local debate over a specific project will not appear here.

A recorded instrument is not a determination that this site is covered. Which applications, zoning districts and sectors an instrument reaches — and whether a county instrument applies inside incorporated municipalities — is set by its text. Confirm with the jurisdiction before relying on any row.

Jurisdictions containing this point

Wilson County, TN active

Matched to the Census geography **Wilson County**, which contains this point · sectors: data centers, crypto mining · adopted 2026-07-20 · current end *not recorded* · ID tn-wilson-county-2026

This is a **county** instrument, and this point is also inside the incorporated place **Mount Juliet city**. Whether a county instrument reaches incorporated places depends on the state and on the instrument's own text.

STATUS AS RECORDED

Active as of 2026-09-23; the data center committee finalized a draft zoning resolution on 2026-09-15 for the Planning and Zoning Committee in October, and an extension may be sought if permanent rules are not adopted before expiry.

LEGAL BASIS AS RECORDED

Wilson County Commission resolution imposing a temporary six-month moratorium on land use, zoning, building, site plan, and conditional use permit applications for data centers and high-density computing facilities (over 250 W/sq ft, including crypto mining and AI processing), and creating a five-person study committee

Within 25 miles

JURISDICTION	TYPE	STATUS	SECTORS	ADOPTED	ENDS	CENTROID
Gallatin, TN	City	proposed	data centers	<i>n/r</i>	<i>n/r</i>	14.3 mi
Trousdale County, TN	County	proposed	data centers	<i>n/r</i>	<i>n/r</i>	23.3 mi

Distance is to the jurisdiction's centroid, not its boundary — a large county can begin much closer than the figure shown.

State-level actions — TN

ACTION	STATUS	MECHANISM	PROVISIONS AS RECORDED
HB1847 / SB2128	enacted	utility large load restriction	Applies to data centers at or above 50 MW. Requires data center owners to pay infrastructure costs needed to support utility service and bars ratepayer cost-shifting unless infrastructure also benefits other ratepayers. Reporting states amended bill also allows self-generation or power purchases from independent producers outside ordinary utility service.

9 state-policy actions tracked for TN in total; only those the publisher records as enacted or in force are listed. Where the publisher's legal-effect field reads “unknown”, the current effect of an enacted measure has not been checked by the publisher, and it is omitted here rather than guessed. 45 local instruments recorded statewide.

Source: Moratorium Data 2026 (Bommarito) — local moratorium inventory · current through 2026-09-23 · commit dbaab04d84f8 · 1,291 instruments · CC-BY-4.0 (data) — attribution: Bommarito, Michael J. (2026), Moratorium Nation
<https://github.com/mjbommar/moratorium-data-2026>

- Each instrument is tied to a Census county, county subdivision or incorporated place only when the Census places the publisher's own centroid inside a geography of the same name and kind. 70 of 1,291 rows could not be tied this way and do not appear in this appendix.
- The publisher compiles the dataset from municipal records and news coverage with AI-assisted research and documents its known gaps in the repository.

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