

Site Scanner

40.110509, -83.189798

Report ID 8131d852-d704-4c84-afd7-e969e32b158b Created 2026-10-04T01:32:34.061Z

1 FRANCHISE UTILITY

UNION RURAL ELECTRIC COOP, INC provisional — near boundary

Close to a service-territory boundary. This point is 0.21 mi from the nearest franchise boundary (OHIO POWER CO). One territory polygon contains it, and that utility is named above — but the source polygons are digitized from utility-supplied maps rather than survey data, and within this band they may not be accurate enough to confirm the serving utility. The nearest other territory is **OHIO POWER CO**, which may serve this point instead. Confirm directly with the utility or the state commission before relying on this field.

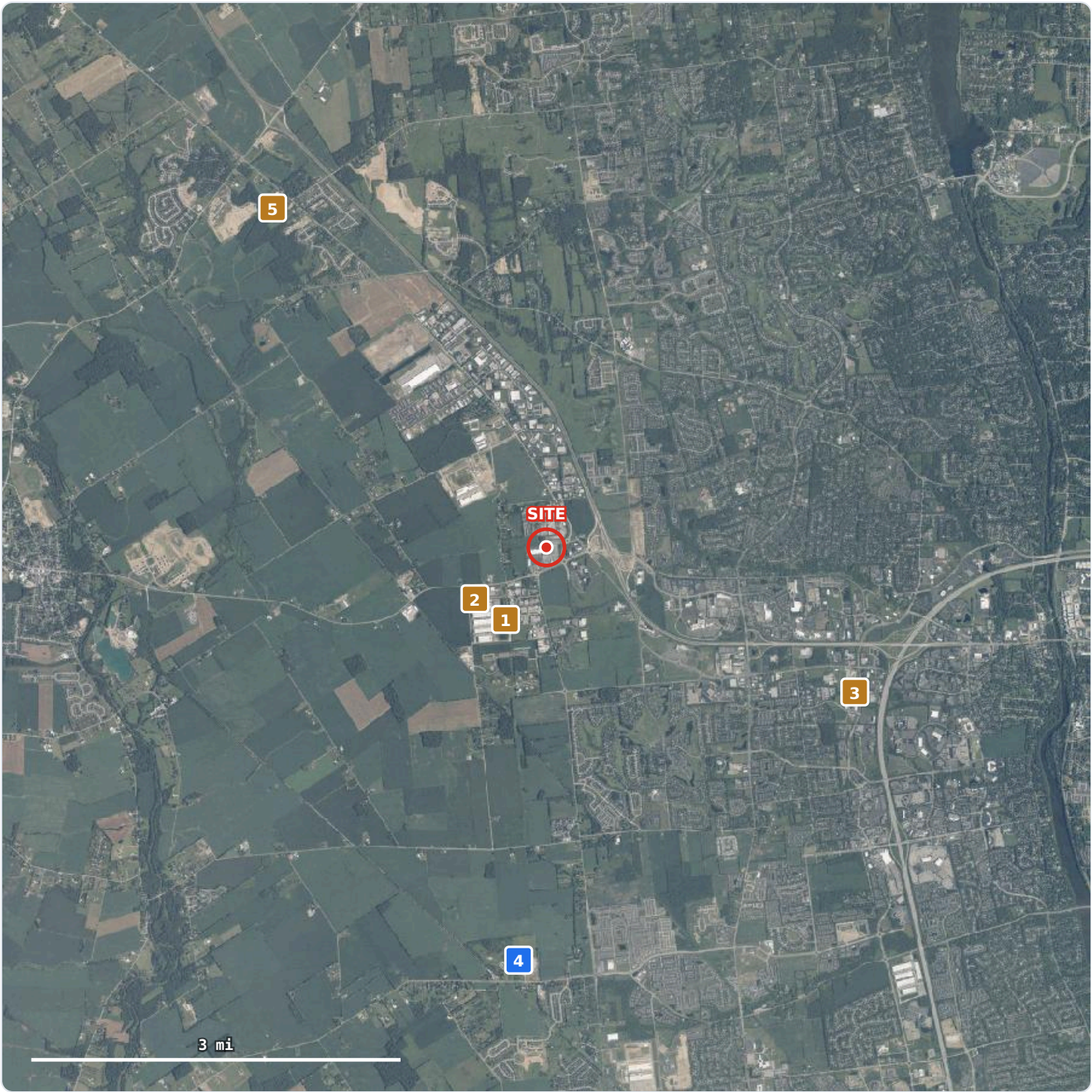
Ownership type	COOPERATIVE
Holding company	UNION RURAL ELECTRIC COOP, INC
Control area	PJM
Customers	11,423
Data year	2022

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	0.67 mi	345 kV	5	<i>unnamed in source data</i> * DUBLIN, OH	unidentified substation
2	0.71 mi	<i>not recorded</i>	1	<i>unnamed in source data</i> * DUBLIN, OH	unidentified terminal facility
3	2.77 mi	138 kV	1	<i>unnamed in source data</i> * DUBLIN, OH	unidentified terminal facility
4	3.36 mi	345 kV	4	HAYDEN † HILLIARD, OH	utility substation
5	3.54 mi	69 kV	1	<i>unnamed in source data</i> * PLAIN CITY, OH	unidentified terminal facility

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



- | | |
|--|--|
| 1 unnamed record · 0.67 mi · 345 kV | 2 unnamed record · 0.71 mi · kV n/r |
| 3 unnamed record · 2.77 mi · 138 kV | 4 HAYDEN · 3.36 mi · 345 kV † |
| 5 unnamed record · 3.54 mi · 69 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.**

- **unidentified substation** — Unnamed in the source data — roughly 49% of HIFLD substation records carry a placeholder name. Ownership and operator are unknown. Note that a higher line count does not establish utility ownership: operators who build for reliability often give an on-site substation source and path diversity from two or more utility substations.
- **unidentified terminal facility** — Unnamed in the source data with 1 transmission line connection. Radial topology of this kind is consistent with a customer-owned on-site substation, a private industrial service, or a small distribution tap. Ownership is not recorded in HIFLD; verify before treating this as a utility asset.

† Publicly-available interconnection queue data for this substation is appended to the bottom of this report.

- 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 substations listed have no voltage recorded in the source dataset. Absence of a voltage is not evidence of low voltage.
- 4 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

Upper Scioto

HUC-8 05060001

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 39159C

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 none active

Census places this point in Union County · Jerome township.

10 other instruments recorded within 25 miles (9 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

Franchise utility is provisional: this point is 0.21 mi from the nearest service-territory boundary, inside the 1-mile band where the source polygons may not be accurate enough to confirm a single holder. The named utility is the containing polygon, not a verified determination; OHIO POWER CO may serve this point instead — confirm with the utility or the state commission.

4 of 5 nearby substations are unnamed in the source data.

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.

A APPENDIX — INTERCONNECTION QUEUE DATA

Publicly-filed interconnection requests recorded at substations that are an exact name and county match to entries in section 2. Listed for convenience only: no relationship to your site is implied, and no conclusion should be drawn from the presence or absence of any project. Withdrawn, cancelled and otherwise terminal requests are included, and are listed after active ones.

These are name matches, not verified substation identities. Neither dataset publishes a shared identifier between HIFLD substations and ISO queue records. Confirm any row against the ISO before relying on it.

#4 HAYDEN — FRANKLIN County, OH

Matched on substation name “HAYDEN” in FRANKLIN County, OH. 3 requests on file (0 active, 3 terminal) · PJM

QUEUE ID	STATUS	TYPE	CAPACITY	VOLTAGE	TARGET COD	PROJECT
AF1-144	Withdrawn	Solar	67 MW	345 kV	2023-12-01	Hayden Run
AG1-042	Withdrawn	Solar	67 MW	345 kV	2023-12-01	Hayden 345 kV
AH1-270	Withdrawn	Solar	51 MW	345 kV	2023-12-01	Hayden 345 kV

Source: GridPulse interconnection queue snapshot (PJM serial + cycle views, ERCOT GIS Report, BPA interconnection queue) · snapshot taken 2026-09-22 · 11,938 requests · coverage BPA, ERCOT, PJM (25 states)

<https://www.pjm.com/planning/service-requests/services-request-status>

- PJM, ERCOT and BPA only. Absence of a project here is not evidence that no queue activity exists elsewhere.
- ERCOT GIS Reports are published monthly; ERCOT rows can lag the live queue by up to ~30 days.
- ERCOT omits the substation field on inactive and cancelled requests, so withdrawn projects can be listed for PJM but not for ERCOT.
- Substation strings are ISO free text extracted from point-of-interconnection fields, not a controlled vocabulary.
- BPA is the federal transmission provider for the Pacific Northwest and is not an RTO: its rows cover requests to interconnect to the Federal Columbia River Transmission System, not to Puget Sound Energy, Portland General, PacifiCorp or Avista systems.
- BPA point-of-interconnection strings sometimes name a transmission line rather than a substation; those rows cannot match a substation by name and are simply never attached.
- This snapshot contains GENERATION interconnection requests only. BPA large-LOAD requests are published separately in large-load-registry.json.

Further research: <https://substationscout.com/queue-wire/>

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

Jerome Township, OH replaced

Matched to the Census geography **Jerome township**, which contains this point · sectors: data centers · adopted 2025-09-03 · current end 2026-05-31 · ID oh-jerome-township-2025

STATUS AS RECORDED

Replaced; the nine-month moratorium (Resolution 25-061) ended at the end of its term (about 2026-05-31 to early June 2026) without extension after trustees adopted permanent zoning amendments on 2026-03-17 (Resolution 26-021, Case ZT25-002) making data centers a conditional use with 300-foot residential setbacks and added screening/mounding. Ohio Capital Journal (2026-09-18): 'Its moratorium expired in June, and data centers are now in development under new land use restrictions passed in March.'

LEGAL BASIS AS RECORDED

Resolution 25-061

Within 25 miles

JURISDICTION	TYPE	STATUS	SECTORS	ADOPTED	ENDS	CENTROID
Washington Township (Franklin County), OH	Township	extended	data centers	2025-12-09	2026-09-05	3.0 mi
Plain City, OH	Village	active	data centers	2026-08-10	2027-08-10	4.1 mi
Prairie Township (Franklin County), OH	Township	active	data centers	2026-04-15	2026-10-15	12.1 mi
Paris Township (Union County), OH	Township	replaced	data centers	2026-02	n/r	13.2 mi
Grove City, OH	City	active	data centers	2026-06-01	n/r	16.6 mi
Pleasant Township (Franklin County), OH	Township	active	data centers	2026-02-24	n/r	16.8 mi
Jackson Township (Franklin County), OH	Township	active	data centers	2026-05-12	n/r	18.6 mi
Sunbury, OH	City	active	data centers	2026-04-15	2027-01-31	19.7 mi

JURISDICTION	TYPE	STATUS	SECTORS	ADOPTED	ENDS	CENTROID
Trenton Township (Delaware County), OH	Township	active	data centers	2026-04-01	n/r	22.4 mi
Commercial Point, OH	Village	active	data centers	2026-05-04	n/r	24.7 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 — OH

ACTION	STATUS	MECHANISM	PROVISIONS AS RECORDED
HB 96	enacted	incentive restriction	Budget bill amended ORC 122.175 computer data center sales and use tax exemption framework; veto blocked repeal of the exemption.

12 state-policy actions tracked for OH 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. 160 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.