SUBSTATION SCOUT

Site Scanner

12405 N GESSNER DR, HOUSTON, TX, 77064

Coordinates 29.953629, -95.546752 Report ID 899b9152-8817-4e66-a66a-4ae2311c173e
Created 2026-11-22T15:56:06.783Z

1 FRANCHISE UTILITY

CENTERPOINT ENERGY

most likely — not confirmed

Ambiguous. This point falls inside 3 overlapping retail service territories. The utility named above is the highest-ranked candidate, not a confirmed determination. Sites on or near territory boundaries can genuinely be served by more than one utility. Verify the serving utility directly before relying on this field.

Other candidates at this location

UTILITY	OWNERSHIP	REGULATED	CUSTOMERS
ENTERGY TEXAS INC.	INVESTOR OWNED	*not recorded*	493,592
SAN BERNARD ELECTRIC COOP, INC	COOPERATIVE	*not recorded*	31,775

Ownership type	INVESTOR OWNED
Holding company	CENTERPOINT ENERGY INC
Data year	2022

Texas. In the parts of ERCOT open to retail competition, the utility a service-area boundary names is the transmission and distribution (wires) company: it owns the lines and substations, while electricity is sold by a separately chosen retail electric provider. Municipal utilities and electric cooperatives are generally not open to retail competition. This report does not determine which applies at this point.

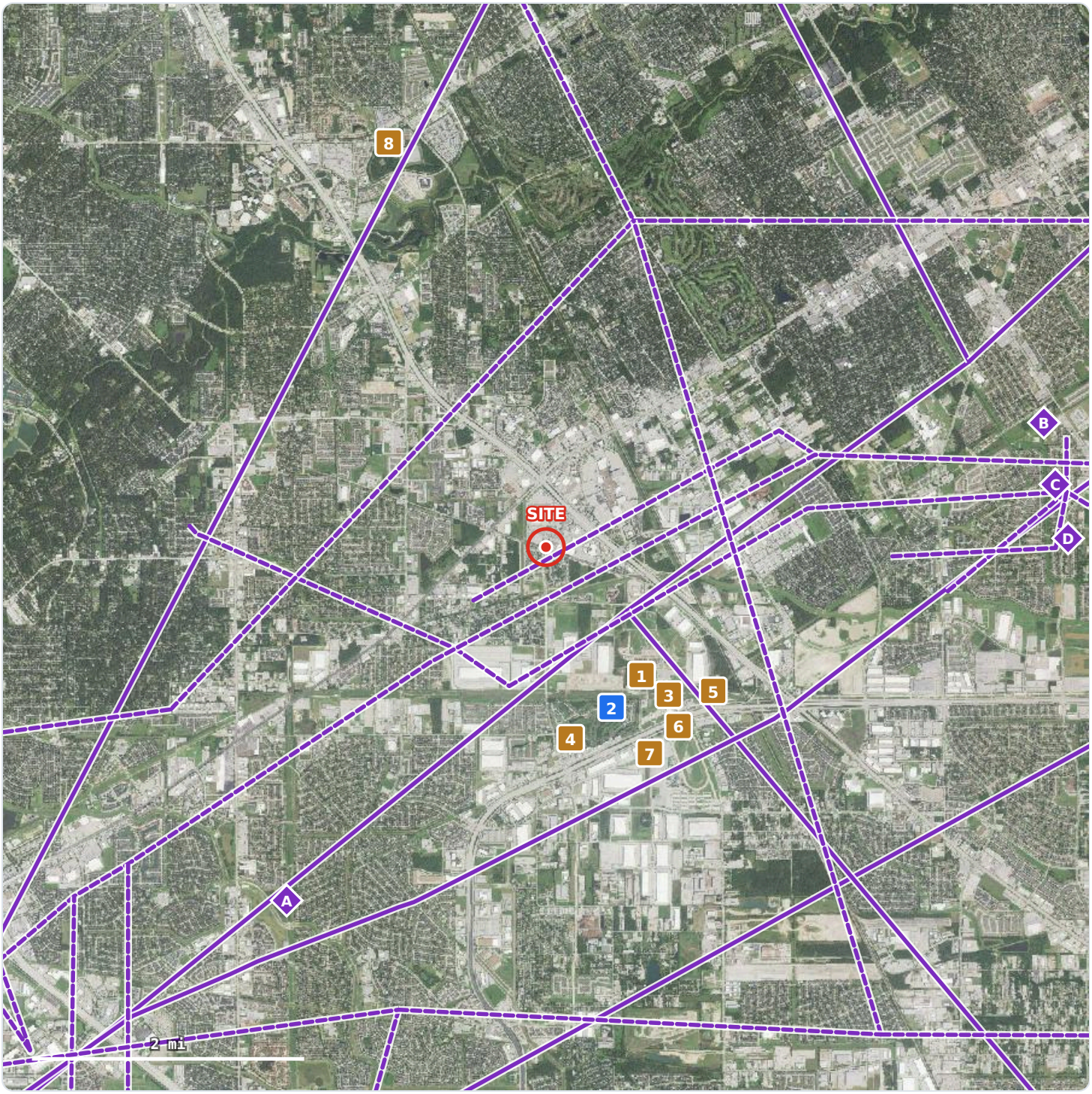
Source: HIFLD/EIA Electric Retail Service Territories (public ArcGIS mirror) · source date 2023-08-01
https://services3.arcgis.com/OYP7N6mAJJCyH6hd/arcgis/rest/services/Electric_Retail_Service_Territories_HIFLD/FeatureServer/0

2 NEAREST HIGH-VOLTAGE INFRASTRUCTURE

#	DISTANCE	VOLTAGE	LINES	NAME	FACILITY TYPE
1	**1.17** mi	345 kV	6	*unnamed in source data* * HOUSTON, TX	unidentified substation
2	**1.27** mi	138 kV	10	TH WHARTON POWER PLANT HOUSTON, TX	utility substation

#	DISTANCE	VOLTAGE	LINES	NAME	FACILITY TYPE
3	**1.41** mi	138 kV	3	*line tap point* * HOUSTON, TX	line tap point
4	**1.42** mi	138 kV	*n/r*	*unnamed in source data* * HOUSTON, TX	unidentified substation
5	**1.62** mi	69 kV	3	*line tap point* * HOUSTON, TX	line tap point
6	**1.64** mi	69 kV	3	*line tap point* * HOUSTON, TX	line tap point
7	**1.70** mi	138 kV	3	*line tap point* * HOUSTON, TX	line tap point
8	**3.19** mi	138 kV	2	*unnamed in source data* * KOHRVILLE, TX	unidentified terminal facility

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



- 1 unnamed record · 1.17 mi · 345 kV
- 2 TH WHARTON POWER PLANT · 1.27 mi · 138 kV
- 3 unnamed record · 1.41 mi · 138 kV
- 4 unnamed record · 1.42 mi · 138 kV
- 5 unnamed record · 1.62 mi · 69 kV
- 6 unnamed record · 1.64 mi · 69 kV
- 7 unnamed record · 1.70 mi · 138 kV
- 8 unnamed record · 3.19 mi · 138 kV
- A Receipt/delivery point · WHITE OAK BYO M3545 MP 320.6 · 3.22 mi
- B Receipt/delivery point · GOLDEN PASS ML M3596 MP 444.987 · 3.77 mi
- C Receipt/delivery point · GOLDEN PASS SW M3597 MP 22.958 · 3.77 mi
- D Compressor station · NO. 35 HOUSTON · 3.84 mi

Interstate gas pipeline Intrastate gas pipeline Gas facility (natural gas section)

Aerial imagery: USDA NAIP imagery via USGS The National Map — Public domain (USDA/USGS), retrieved 2026-10-19. Gas pipelines: EIA Natural Gas Interstate and Intrastate Pipelines (Esri Living Atlas copy), layer last edited 2025-12-04 — mapped approximations at varying scale, not surveyed routes and not a locate. 6 of 10 listed gas facilities fall outside this frame; the gas map in the natural gas section shows them. 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.
- **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.
- **unidentified terminal facility** — Unnamed in the source data with 2 transmission line connections. 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.

Not in this table: 1 substation described as new in transmission planning data near this site. It is not in the substation dataset this table ranks. The source data does not give its location, so it is listed by county, in Appendix C, with the precision of each location.

- 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.
- 7 of 8 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`

ALSO MAPPED IN OPENSTREETMAP

Substations at 69 kV and up within 10 miles that OpenStreetMap maps and the HIFLD dataset above does not. These are often yards built since HIFLD's snapshot. A yard is listed only when no HIFLD point lies inside its mapped outline or within 500 feet of it (0.3 mile for a yard mapped only as a point), and none of the same name within a mile; the list above is unchanged by this table.

#	DISTANCE	VOLTAGE (KV)	NAME	OPERATOR, AS TAGGED	TYPE, AS TAGGED
1	6.80 mi	138	*unnamed* way 583417871	*n/r*	industrial
2	6.83 mi	138	*unnamed* way 583417872	*n/r*	industrial

n/r = not tagged in OpenStreetMap · distance to the mapped outline

- OpenStreetMap is mapped by volunteers. Coverage varies by area, and name, operator, voltage and type are as tagged, not verified. It records no owner and no in-service date.
- "Industrial" usually marks a customer-owned yard. Proximity does not imply availability.

Source: OpenStreetMap, © OpenStreetMap contributors (ODbL 1.0) · data as of 2026-11-20
https://www.openstreetmap.org/copyright

3 NATURAL GAS INFRASTRUCTURE

Mapped gas transmission pipelines and pipeline facilities near this point, from public EIA and HIFLD datasets. The map below is scaled to the gas network; pipelines within its frame are also drawn on the site map in section 2.

Gas distribution company

No gas distribution territory recorded none mapped

No distribution-company polygon in the source contains this point. That is a statement about the dataset, not a determination that the area has no gas utility.

Transmission pipelines within 25 miles

DISTANCE	OPERATOR (AS RECORDED)	TYPE	STATUS
0.08 mi	Houston Pipeline Co	Intrastate	Operating
0.74 mi	Natural Gas PL Co of Am	Interstate	Operating
1.18 mi	Kinder Morgan Texas Pipeline Co	Intrastate	Operating
1.89 mi	Transcontinental Gas PL	Interstate	Operating
2.24 mi	Gulf South Pipeline Co	Interstate	Operating
3.22 mi	Gulf Connector Expansion Project	Interstate	Operating
7.44 mi	Tennessee Gas Pipeline	Interstate	Operating
8.06 mi	Trunkline Gas Co	Interstate	Operating

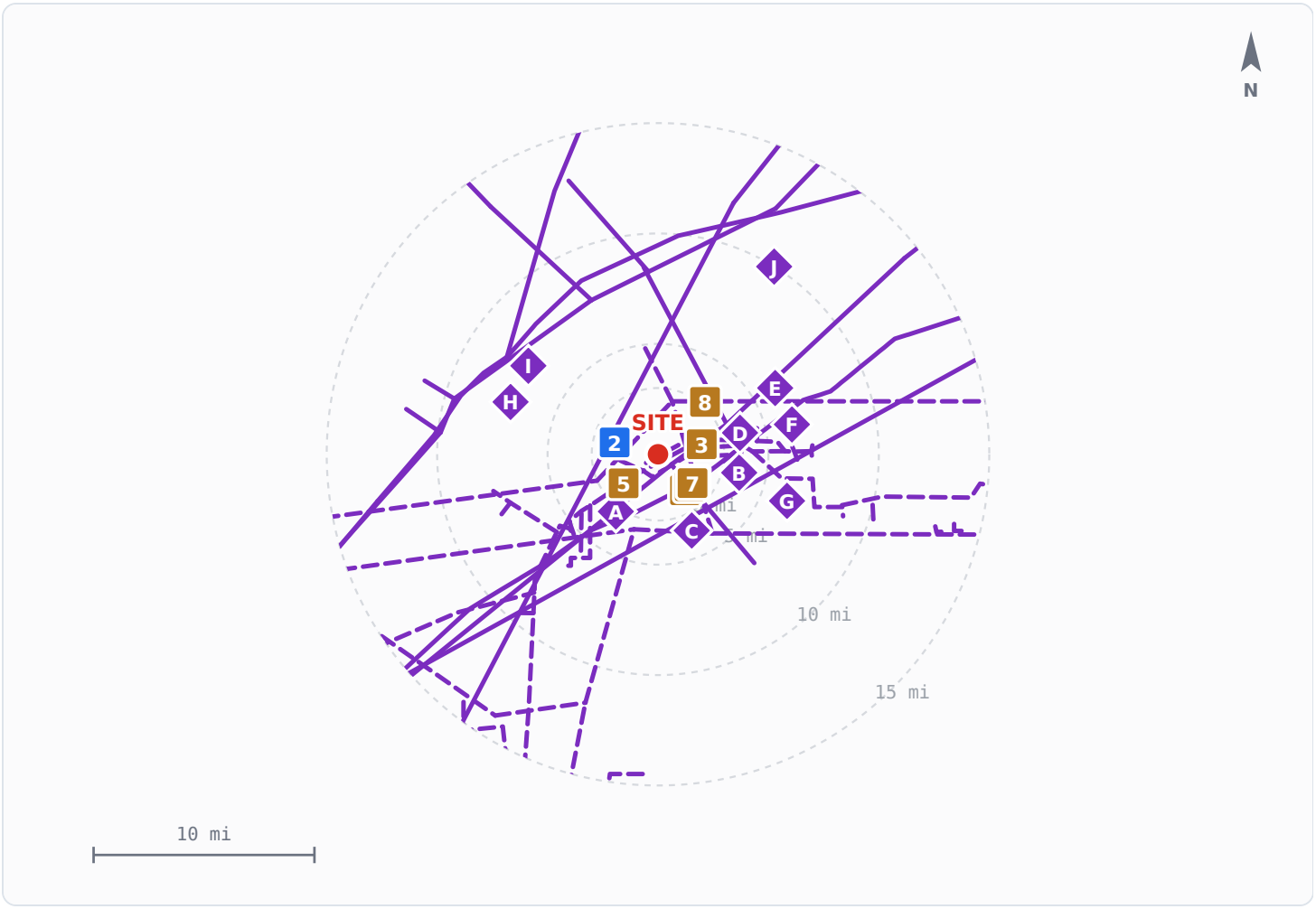
One row per operator and type: the nearest point of that operator's mapped line. 15 within 25 mi. 7 more within 25 mi not shown (8-row limit).

Pipeline facilities within 15 miles

MAP	DISTANCE	FACILITY	NAME	OPERATOR	SOURCE DATE
A	**3.22** mi	Receipt/delivery point	WHITE OAK BYO M3545 MP 320.6 WHITE OAK BEND, TX	TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC receipt location	2015-03-01

MAP	DISTANCE	FACILITY	NAME	OPERATOR	SOURCE DATE
B	**3.77** mi	Receipt/delivery point	GOLDEN PASS ML M3596 MP 444.987 GOLDEN PASS, TX	TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC receipt location	2015-03-01
C	**3.77** mi	Receipt/delivery point	GOLDEN PASS SW M3597 MP 22.958 GOLDEN PASS, TX	TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC receipt location	2015-03-01
D	**3.84** mi	Compressor station	NO. 35 HOUSTON HOUSTON, TX	TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC 13,200 certificated hp	2015-08-25
E	**6.09** mi	Storage field	BAMMEL HOUSTON, TX	HOUSTON PIPE LINE COMPANY LP depleted field	2018-12-01
F	**6.21** mi	Receipt/delivery point	BAMMEL DEL MP 329.81 BAMMEL, TX	TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC delivery location	2015-03-01
G	**6.21** mi	Receipt/delivery point	BAMMEL REC MP 329.81 BAMMEL, TX	TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC receipt location	2015-03-01
H	**7.09** mi	Receipt/delivery point	CYPRESS HOOKS - HOOKS GAS PIPELINE CYPRESS, TX	TRUNKLINE GAS COMPANY, LLC delivery location	2015-03-04
I	**7.12** mi	Compressor station	TEXAS - CYPRESS - HARRIS COUNTY CYPRESS, TX	TRUNKLINE GAS COMPANY, LLC 7,000 certificated hp	2015-08-20
J	**10.00** mi	Receipt/delivery point	CNTRPT / NGPL SPRING HARRIS SPRING, TX	NATURAL GAS PIPELINE (KINDER MORGAN) delivery location	2015-02-27

Within 15 mi, nearest first. Letters match the gas map below.



Interstate gas pipeline Intrastate gas pipeline Gas facility (natural gas section)

Pipelines: EIA Natural Gas Interstate and Intrastate Pipelines (Esri Living Atlas copy), layer last edited 2025-12-04. Facilities: HIFLD Open snapshot. Lines are mapped approximations at varying scale, not surveyed routes and not a locate. Lettered diamonds match the facility table above; numbered squares are the section 2 substations. Distances in the tables are measured, not scaled off this drawing.

- Distances are straight-line to the mapped line or point. EIA compiles the pipeline layer from many sources at varying scale and accuracy: it is not a surveyed route and not a locate. Call 811 before any ground disturbance.
- **Proximity to a transmission pipeline is not access to gas.** Taking service needs a tap or delivery point, capacity on the line and the operator's agreement. None of these is recorded in these datasets, and the pipeline layer records no diameter, pressure or capacity.
- Facility records are a HIFLD Open snapshot (source dates on the rows above: 2015–2018). Facilities built or retired since are not reflected.
- Receipt/delivery points are where gas enters or leaves an interstate pipeline. They are not retail service points, and many carry duplicate records at one location.

Sources: EIA Natural Gas Interstate and Intrastate Pipelines (Esri Living Atlas copy) · layer last edited 2025-12-04; HIFLD Natural Gas Compressor Stations (2021 HIFLD Open mirror) and companion HIFLD layers (see section 7).
`https://services2.arcgis.com/FiaPA4ga0iQKduv3/arcgis/rest/services/Natural_Gas_Interstate_and_Intrastate_Pipelines_1/FeatureServer/0`

4 SITE CONTEXT

WATERSHED

Buffalo-San Jacinto

HUC-8 12040104

Source: USGS Watershed Boundary Dataset (WBD) · retrieved 2026-09-26
`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 48201C
Parcel centroid only — a single point, not the whole site.

Source: FEMA National Flood Hazard Layer (NFHL) · retrieved 2026-09-26
`https://hazards.fema.gov/arcgis/rest/services/public/NFHL/MapServer/28`

LOCAL MORATORIA

None recorded for these jurisdictions

Census places this point in Harris County · Houston CCD · Houston city. 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.
No other instrument recorded within 25 miles.
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`

5 DATA COMPLETENESS

6 of 6 expected fields resolved

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

> Franchise utility is ambiguous: 3 retail territories overlap this point. A most-likely holder is named but not confirmed — sites near boundaries can genuinely be served by more than one utility.

> 3 of 8 nearby substations are unnamed in the source data.

6 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.
- Queue activity beyond the dataset. Appendix A lists each substation above with the result of an exact name and county check against the queue dataset; a substation no filing names may still have activity the dataset does not record. Visit the Queue Wire for further research.
- Planned transmission work at these substations. The expansion tracker covers PJM planning materials and ERCOT's transmission project tracking workbook, and no substation above matched one of its entries.
- Exactly where the new substations in Appendix C will be. Where a planning document or map places one, its distance carries that precision; the others are listed by county only, and this report does not estimate a location for them.
- 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.
- The utility's terms for large customers. No large-load tariff is on record for the named utility; the records cover a hand-verified set of utilities, not all of them, so this is not evidence that none exists.
- Whether natural gas service is available here, or the capacity, pressure, tap or lateral cost of any pipeline listed. The gas datasets record where facilities are mapped, not what they can deliver.
- 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.

7 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/OYP7N6mAJJCyH6hd/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)

GEOCODING

US Census Bureau Geocoding Services API

`https://geocoding.geo.census.gov/geocoder/locations/onelineaddress`

Benchmark Public_AR_Current · retrieved 2026-11-22

WATERSHED

USGS Watershed Boundary Dataset (WBD)

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

Retrieved 2026-09-26 · 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 2026-09-26 · 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)

ALSO MAPPED IN OPENSTREETMAP

OpenStreetMap substations (power=substation), © OpenStreetMap contributors

`https://www.openstreetmap.org/copyright`

OSM data as of 2026-11-20 · built 2026-11-21 · Open Database License 1.0. The substation layer derived from it (OSM yards at 69 kV and up with no HIFLD point at or near their outline) is available under the same license on request.

GAS PIPELINES

EIA Natural Gas Interstate and Intrastate Pipelines (Esri Living Atlas copy)

`https://services2.arcgis.com/FiaPA4ga0iQKduv3/arcgis/rest/services/Natural_Gas_Interstate_and_Intrastate_Pipelines_1/FeatureServer/0`

Publisher vintage 2025-12-04 · ingested 2026-10-16 · 32,850 records · Public domain (US Government work — U.S. Energy Information Administration)

GAS COMPRESSOR STATIONS

HIFLD Natural Gas Compressor Stations (2021 HIFLD Open mirror)

`https://services5.arcgis.com/HDRa0B57OVrv2E1q/arcgis/rest/services/Natural_Gas_Compressor_Stations/FeatureServer/0`

Publisher vintage 2020-05-07 · ingested 2026-10-16 · 1,382 records · None (Public Use) — HIFLD Open

GAS RECEIPT/DELIVERY POINTS

HIFLD Natural Gas Receipt/Delivery Points (2021 HIFLD Open mirror)

`https://services5.arcgis.com/HDRa0B57OVrv2E1q/arcgis/rest/services/Natural_Gas_Receipt_Delivery_Points/FeatureServer/0`

Publisher vintage 2016-01-15 · ingested 2026-10-16 · 9,476 records · None (Public Use) — HIFLD Open

GAS STORAGE FACILITIES

HIFLD Natural Gas Storage Facilities (2021 HIFLD Open mirror)

`https://services5.arcgis.com/HDRa0B57OVrv2E1q/arcgis/rest/services/Natural_Gas_Storage_Facilities/FeatureServer/0`

Publisher vintage 2018-12-01 · ingested 2026-10-16 · 416 records · None (Public Use) — HIFLD Open

GAS PROCESSING PLANTS

HIFLD Natural Gas Processing Plants (2021 HIFLD Open mirror)

`https://services5.arcgis.com/HDRa0B57OVrv2E1q/arcgis/rest/services/Natural_Gas_Processing_Plants/FeatureServer/0`

Publisher vintage 2019-01-01 · ingested 2026-10-16 · 670 records · None (Public Use) — HIFLD Open

GAS DISTRIBUTION TERRITORIES

HIFLD Natural Gas Local Distribution Company Service Territories (2021 HIFLD Open mirror)

`https://services5.arcgis.com/HDRa0B57OVrv2E1q/arcgis/rest/services/Natural_Gas_Local_Distribution_Company_Service_Territories/FeatureServer/0`

Publisher vintage 2017-12-31 · ingested 2026-10-16 · 1,290 records · None (Public Use) — HIFLD Open

LARGE-LOAD TARIFFS

Substation Scout large-load tariff records (state commission filings)

`https://substationscout.com/large-load-tariffs/`

8 records · documents retrieved 2026-10-20 · exported 2026-10-22

EXPANSION TRACKER (ERCOT)

ERCOT, Transmission Project and Information Tracking (TPIT), compiled from Transmission Service Provider submissions

`https://substationscout.com/substation-tracker/ercot/`

Data as of 2026-10-01 · 39 releases read · retrieved 2026-10-26 · exported 2026-11-21

EXPANSION TRACKER

PJM Interconnection, L.L.C. — TEAC and Sub-Regional RTEP Committee meeting materials, pjm.com

`https://substationscout.com/substation-tracker/`

Documents dated 2024-10-08 to 2026-11-13 · 664 documents · exported 2026-11-21

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

Each substation in section 2 checked against publicly-filed interconnection requests, followed by the requests recorded at substations that are an exact name and county match. 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.

Substations checked

#	SUBSTATION (SECTION 2)	QUEUE CHECK
1	*unnamed in source data* HARRIS County, TX	*Not checkable: the source dataset gives this substation a placeholder name.*
2	TH WHARTON POWER PLANT HARRIS County, TX	Checked. The ERCOT and MISO queue has filings in this county; none names this substation. MISO: annual snapshot, as of 2025-12-31.
3	*line tap point* HARRIS County, TX	*Not checkable: the source dataset gives this substation a placeholder name.*
4	*unnamed in source data* HARRIS County, TX	*Not checkable: the source dataset gives this substation a placeholder name.*
5	*line tap point* HARRIS County, TX	*Not checkable: the source dataset gives this substation a placeholder name.*
6	*line tap point* HARRIS County, TX	*Not checkable: the source dataset gives this substation a placeholder name.*
7	*line tap point* HARRIS County, TX	*Not checkable: the source dataset gives this substation a placeholder name.*
8	*unnamed in source data* HARRIS County, TX	*Not checkable: the source dataset gives this substation a placeholder name.*

A check looks for queue filings whose point of interconnection is the same substation name in the same county. “None names this substation” is a statement about the filings in this dataset only — not about activity, capacity or availability at the substation.

Source: GridPulse interconnection queue snapshot (PJM serial + cycle views, ERCOT GIS Report, BPA interconnection queue); MISO, NVE, LGE-KU, TVA, SOCO, APS, SPP, DUKE from the Berkeley Lab Queued Up annual file · snapshot taken 2026-11-21 · 22,273 requests · coverage APS, BPA, DUKE, ERCOT, LGE-KU, MISO, PJM, SOCO, SPP, TVA (44 states)
`https://www.pjm.com/planning/service-requests/services-request-status`

MISO, NVE, LGE-KU, TVA, SOCO, APS, SPP, DUKE: Berkeley Lab Queued Up: 2026 Edition interconnection queue data file · requests as of 2025-12-31, published 2026-05 · CC BY 4.0, Lawrence Berkeley National Laboratory and GridTracker (Interconnection.fyi), Queued Up

interconnection queue data file, 2026 edition
https://eta-publications.lbl.gov/publications/us-interconnection-queue-data-0

- PJM, ERCOT and BPA are refreshed weekly; MISO, NVE, LGE-KU, TVA, SOCO, APS, SPP, DUKE rows are an annual snapshot (Berkeley Lab Queued Up file, requests as of 2025-12-31), so their status may have changed since. 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

The dataset records no instrument for **Harris County**, **Houston CCD**, **Houston city**. That is a statement about moratoria only: a proposal under review or a planning-commission decision in these jurisdictions would not appear in it.

The publisher states its counts are lower bounds — small townships that do not post minutes online are the known gap — and that anything after 2026-09-23 is not included.

Within 25 miles

No instrument recorded with a jurisdiction centroid within 25 miles.

State-level actions — TX

ACTION	STATUS	MECHANISM	PROVISIONS AS RECORDED
Governor Abbott August 3, 2026 Data Center Audit Directive	unknown · in force	utility large load restriction	Directs PUCT and ERCOT to verify and audit every data center advancing through ERCOT interconnection before it may move forward, pausing the Batch Zero process pending the required review. https://gov.texas.gov/news/post/governor-abbott-directs-comprehensive-data-center-audit

ACTION	STATUS	MECHANISM	PROVISIONS AS RECORDED
SB 6 (89R, 2025)	enacted · in force	utility large load restriction	Requires PUCT/ERCOT large-load planning and interconnection standards; applies to large loads at a default 75 MW single-site threshold; addresses interconnection studies, cost allocation, co-location, and emergency curtailment https://capitol.texas.gov/tlodocs/89R/billtext/html/SB00006F.htm
SB 1929 (88R, 2023)	enacted	utility large load restriction	Requires registration and ERCOT-related oversight for large interruptible virtual currency mining facilities

11 state-policy actions tracked for TX 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. 11 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.

C APPENDIX — NEW SUBSTATIONS IN PLANNING

Substations that transmission planning data describes as new, in Harris County, TX, or located within 10 miles, and that HIFLD Electric Substations (Oregon Explorer / OSU 2022 mirror) does not contain under the same name in the same county. Each is shown with the wording that describes it as new and the project or document that wording comes from. Where a location has been found in public documents, the distance from this site is shown with how that location was obtained.

> **Location unknown.** The source gives a name and a county, not a location. Their distance from this site is not known: one may be next door or across the county. None of these is in the section 2 table or on the map. A listed project is a utility's plan, and its status and dates are the utility's own statements.

SUBSTATION	DISTANCE	COUNTY	KV	DESCRIBED AS NEW	PROJECT	PROJECTED IN SERVICE
Japhet tracker entry	*not known* county only	Harris County, TX this site's county	138	“new Japhet substation”	**70628** · CNP Planned · Current-year planned tab	2026-12

Source: ERCOT Transmission Project and Information Tracking workbook · data as of 2026-10-01 · retrieved 2026-10-26

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