

Executive Strategic Overview: The Texas ERCOT Power Grid at a Critical Crossroads: As of October 2026, the ERCOT interconnection queue tracks **159 large-load projects** seeking an unprecedented **33,296 MW** of bulk power interconnection capacity. Operating as an isolated synchronous interconnection under an energy-only wholesale market design, ERCOT faces an explosive convergence of hyperscale artificial intelligence compute, cryptocurrency mining facilities, and extensive oilfield electrification in the Permian Basin, sharply compressing reserve margins during extreme summer 4CP (Four Coincident Peak) net load intervals.

The Realization Reality: Rigorous empirical screening demonstrates that gross queue asks drastically overstate near-term physical demand. Accounting for historical realization rates (averaging 0.68) and commercial completion probabilities (averaging 54%), AixEnergy models an expected firm commercial addition of **11,250 MW** from the named queue, rising to a credible cumulative total of **25,735 MW by 2035**.

Renewable Evacuation & Flexible Load Protocols: Vast wind and solar generation in West Texas and the Panhandle encounters severe 345 kV export limits into the Dallas-Fort Worth and Houston consumption hubs. Concurrently, the Public Utility Commission of Texas (PUCT Project 55000) and ERCOT's Large Flexible Load (LFL) Task Force are establishing stringent dispatch-curtailment telemetry and ride-through mandates. This master compendium provides decision makers, engineers, and investors with the complete, definitive technical dossier across all 6 weather zones, 159 active requests, and 1,851 substations.

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Screening-level intelligence built from public regulatory filings, interconnection queues, and power flow data. Not an interconnection study, a will-serve determination, or a guarantee of any outcome. Produced by Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens.

Part I: Executive Overview & Macro Power Grid Architecture

This institutional intelligence report synthesizes all public regulatory filings, ERCOT interconnection queues, hourly bulk-power dispatch simulations, and substation capacity disclosures into a single master document. The table below contrasts the raw, undiscounted queue total against AixEnergy's probability-weighted and load-realization-adjusted firm capacity outlook.

33,296 MW GROSS REQUESTED MW Raw, unadjusted queue face-value	11,250 MW EXPECTED EVENTUAL MW Net realized & probability adjusted	7,731 / 15,639 MW EXPECTED 24M / 60M Near-term vs medium-term additions	25,735 MW CREDIBLE-TOTAL 2035 Named pipeline + statistical layer
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Active De-duplicated Requests	159
Gross Requested Interconnection Capacity	33,296 MW
Average Commercial Energization Probability P(eventual)	54%
Average Empirical Load Realization Factor	0.68
Net Expected Firm Addition (Eventual)	11,250 MW
Near-Term Outlook (within 24 months)	7,731 MW
Medium-Term Outlook (within 60 months)	15,639 MW
Credible-Total Cumulative Addition by 2035	25,735 MW
2026 ERCOT Capacity, Demand and Reserves (CDR) / LTSA Benchmark (2035)	28,500 MW (official planning summer peak)

1.1 Queue Breakdown by Load Classification

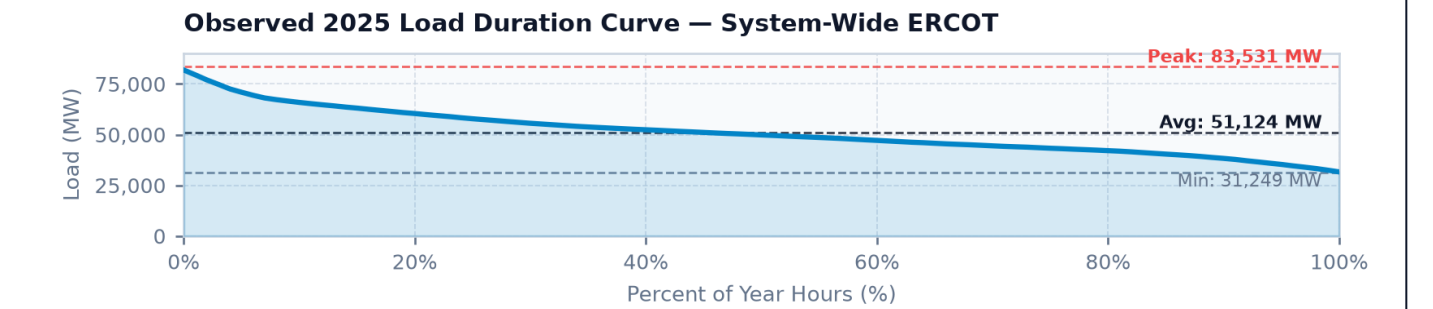
Data centers, cryptocurrency mining facilities, and industrial loads account for the bulk of requested capacity, actively navigating ERCOT Large Flexible Load (LFL) task force curtailment protocols and PUCT Project 55000 interconnection standards.

Load Classification	Active Requests	Gross Requested MW	Net Expected Eventual MW
Generic data center	93	5,008	1,775
Other large load	38	25,056	8,395
Multi tenant data center	21	1,210	429
Hyperscale data center	4	1,772	552
AI training data center	2	200	68
Crypto data center	1	50	31

Source: Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens (monitor.aixenergy.io).

1.2 Observed 2025 ERCOT System-Wide Load Duration Curve

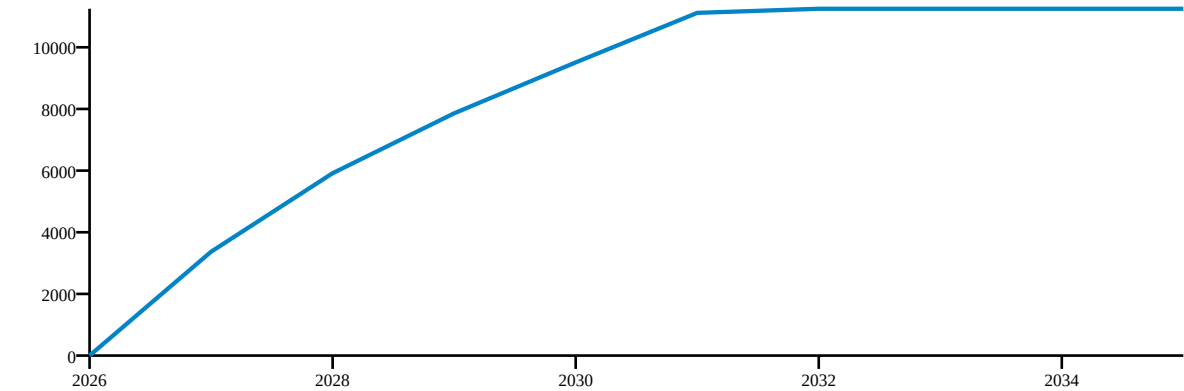
The system-wide Load Duration Curve (LDC) displays all 8,760 hours of observed 2025 demand across the full ERCOT footprint, sorted descending from coincident peak (83,531 MW) to minimum base load (31,249 MW). The system achieved an annual load factor of 61% with an average hourly demand of 51,124 MW.



Part II: Long-Term Horizon Forecast & Scenario Analysis (2026–2035)

AixEnergy models long-term large load growth through an explicit dual-layer methodology: 1) **Known Pipeline**: Bottom-up probability and timing S-curves applied to every named interconnection filing; 2) **Statistical Layer**: Econometric extrapolation capturing future unannounced large-load filings under current policy.

Cumulative Expected Large-Load MW (Named Pipeline)



Year	Gross Incr. MW	Pre-Realiz. MW	BYOG Offset	Expected Incr. (Net)	Cumulative MW
2026	20,900	0	0	0	0
2027	3,693	4,769	0	3,369	3,369
2028	4,505	3,694	0	2,547	5,916
2029	0	2,904	0	1,943	7,859
2030	4,198	2,466	0	1,651	9,510
2031	0	2,403	0	1,607	11,117
2032	0	199	0	133	11,250
2033	0	0	0	0	11,250
2034	0	0	0	0	11,250
2035	0	0	0	0	11,250

Source: Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens (monitor.aixenergy.io).

2.1 Credible-Total Forecast (Named Pipeline + Statistical Layer)

Year	Known Pipeline MW	Statistical Layer MW	Annual Total MW	Cumulative Credible Total MW
2026	0	1	1	1
2027	3,369	1,042	4,411	4,412
2028	2,547	1,640	4,187	8,599
2029	1,943	1,685	3,628	12,227
2030	1,651	1,685	3,336	15,562
2031	1,607	1,686	3,294	18,856
2032	133	1,690	1,823	20,679
2033	0	1,685	1,685	22,364
2034	0	1,685	1,685	24,048
2035	0	1,686	1,686	25,735

Source: Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens (monitor.aixenergy.io).

Part III: Chronological Dispatch Simulation & Wholesale Power Markets

To evaluate bulk power system reliability and emissions impacts, AlxEnergy executes an 8,760-hour chronological dispatch simulation of the 6-zone ERCOT transport network using PyPSA and the HiGHS linear programming solver. Hydro, nuclear, and run-of-river renewables replay real observed 2025 hourly output shapes, while natural gas, peakers, and battery storage are dispatched based on hourly system marginal economics.

3.1 2025 Wholesale Energy Price Overlays by Zone

Historical wholesale energy pricing reflects observed 2025 Locational Marginal Prices (LMP) across ERCOT settlement hubs. West Texas experiences frequent low and negative nodal pricing during peak solar/wind export hours, contrasted with high price volatility during summer afternoon 4CP peak events in the North (DFW) and Houston load centers.

Zone	Load-Weighted Price	Avg Day-Ahead Price	Avg Real-Time Price	Simulated Marginal	Marginal Fuel
HOUSTON	\$55.66/MWh	\$54.65/MWh	\$55.75/MWh	\$35.69/MWh	NG CC
NORTH	\$47.23/MWh	\$46.37/MWh	\$47.30/MWh	\$35.69/MWh	NG CC
PANHANDLE	\$38.29/MWh	\$37.61/MWh	\$38.36/MWh	\$24.58/MWh	NG CC
SOUTH	\$47.01/MWh	\$46.07/MWh	\$46.99/MWh	\$35.69/MWh	NG CC
UNALLOCATED	\$46.40/MWh	\$45.45/MWh	\$46.36/MWh	\$35.69/MWh	NG CC
WEST	\$40.60/MWh	\$40.05/MWh	\$40.85/MWh	\$28.27/MWh	NG CC

Source: Clean Energy Research, LLC dba AlxEnergy by Brandon N. Owens (monitor.aixenergy.io).

Part IV: Bulk Transmission Corridors & Interface Transfer Capabilities

The ERCOT transmission grid is governed by critical 345 kV export corridors transferring wind and solar generation from West Texas and the Panhandle to the major metro consumption centers. The table below details normal transfer capabilities, observed peak flows, and binding congestion hours across key ERCOT transmission boundaries.

Interface Corridor	Transfer Limit (MW)	Peak Flow (MW)	Avg Flow (MW)	2025 Binding Hours
WEST TO NORTH	5,184	5,193	2,882	41
PANHANDLE EXPORT	3,456	3,460	1,978	40
NORTH TO HOUSTON	4,536	4,539	2,540	23
SOUTH TO HOUSTON	3,888	3,894	2,157	21

Source: Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens (monitor.aixenergy.io).

Part V: Zonal Intelligence Dossiers (6 Reliability Zones)

Comprehensive zonal dossiers for all 6 ERCOT load zones and hubs. Each profile incorporates regional transmission GIS mapping, deliverability headroom metrics, generation fuel mixes, observed load duration curves, and the complete local large-load interconnection project pipeline.

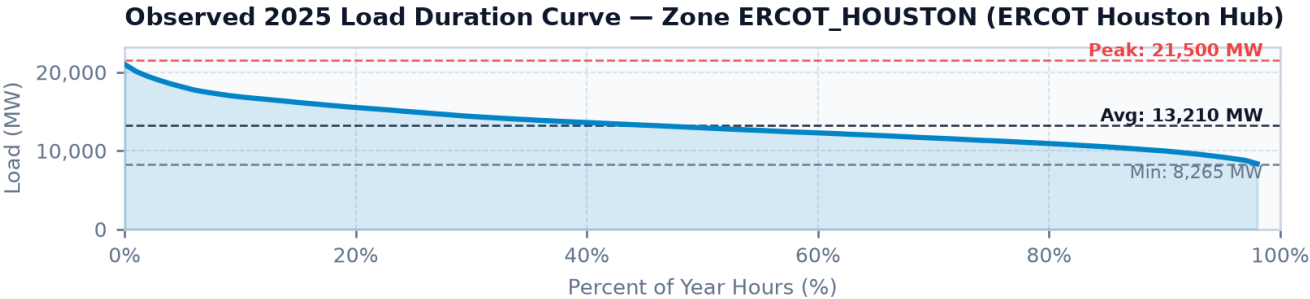
Zone HOUSTON: ERCOT Houston Hub — Comprehensive Grid Dossier

24	1,671 MW	714 MW	21,500 MW
TRACKED REQUESTS	GROSS REQUESTED	EXPECTED EVENTUAL	2025 PEAK LOAD
Active projects in zone	Undiscounted queue total	Probability & realization adjusted	Load factor: 61%



Locality / Capacity Region	Unmapped zone
Locational Capacity Requirement (LCR)	—
Deliverability Index (–1 tight → +1 loose)	0.95
Generation-Supply Index (–1 weak → +1 strong)	-0.24
Queued Generation MW in Zone	1,964
Queued Large-Load MW in Zone	1,271
Expected MW (within 24 Months)	190
Expected MW (within 60 Months)	666

Observed 2025 Load Duration Curve



Active Large-Load Interconnection Requests in Zone ERCOT_HOUSTON

Project Name	County	Utility	Req. MW	P(eventual)	Net Real. MW	Exp. Energ.	Critical Path
Serverfarm	Harris	CenterPoint	410	75%	295	2030-02-01	Transmission substation
CleanSpark Brazoria Data Center	Brazoria		300	66%	156	2027-08-01	Utility study
Serverfarm	Harris	CenterPoint	100	48%	72	2030-02-01	Transmission substation
Element Critical	Harris	CenterPoint	50	74%	36	2030-02-01	Transmission substation
LOGIX Houston Primewest Katy	Harris	CenterPoint	50	72%	36	2030-02-01	Transmission substation
Netrality	Harris	CenterPoint	50	72%	36	2030-02-01	Transmission substation
Element Critical Houston Two	Harris	CenterPoint	50	66%	36	2030-02-01	Transmission substation
LOGIX Fiber Networks	Harris	CenterPoint	50	64%	36	2030-02-01	Transmission substation
Netrality Houston 1301 Fannin	Harris	CenterPoint	50	64%	36	2030-02-01	Transmission substation
LOGIX Houston 4635 Southwest Freeway	Harris	CenterPoint	50	57%	36	2030-02-01	Transmission substation
LOGIX Houston 811 Louisiana	Harris	CenterPoint	50	57%	36	2030-02-01	Transmission substation
Equinix HO1 Houston	Harris	CenterPoint	50	61%	33	2030-02-01	Transmission substation
LOGIX Fiber Networks	Harris	CenterPoint	50	56%	36	2030-02-01	Transmission substation
EdgeConneX	Harris	Transmission Operator	50	54%	36	2030-02-01	Transmission substation
CyrusOne HOU4 Houston	Harris	CenterPoint	50	53%	36	2030-02-01	Transmission substation

Source: Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens (monitor.aixenergy.io).

Zone NORTH: ERCOT North Hub — Comprehensive Grid Dossier

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TRACKED REQUESTS

Active projects in zone

9,065 MW

GROSS REQUESTED

Undiscounted queue total

3,195 MW

EXPECTED EVENTUAL

Probability & realization adjusted

32,000 MW

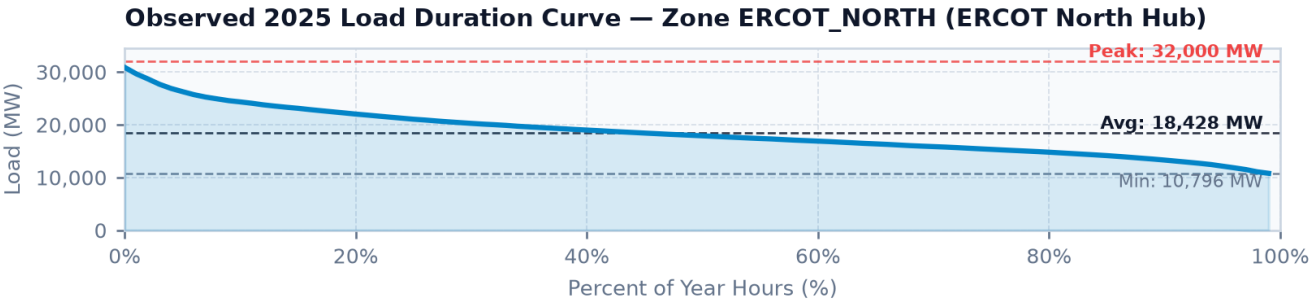
2025 PEAK LOAD

Load factor: 58%



Locality / Capacity Region	Unmapped zone
Locational Capacity Requirement (LCR)	—
Deliverability Index (–1 tight → +1 loose)	0.81
Generation-Supply Index (–1 weak → +1 strong)	0.00
Queued Generation MW in Zone	18,192
Queued Large-Load MW in Zone	8,965
Expected MW (within 24 Months)	1,001
Expected MW (within 60 Months)	2,996

Observed 2025 Load Duration Curve



Active Large-Load Interconnection Requests in Zone ERCOT_NORTH

Project Name	County	Utility	Req. MW	P(eventual)	Net Real. MW	Exp. Energ.	Critical Path
OpenAI	Milam County	ERCOT	1,200	38%	1,152	2030-02-01	Transmission substation
CyrusOne Freestone Energy Center Campus	Freestone County		760	51%	730	2027-08-01	Utility study
Undisclosed investment-grade tenant	Texas		1,000	51%	520	2030-02-01	Transmission substation
Hyperscale Cloud Consortium (Confidential)	Somervell County	Oncor	1,000	68%	390	2030-02-01	Transmission substation
Red Oak Data Center Campus	Red Oak	Oncor	480	48%	461	2027-08-01	Utility study
Rowan Temple Data Center	Bell	Oncor	300	52%	288	2030-02-01	Transmission substation
Cipher Mikeska	McCulloch		500	57%	260	2030-02-01	Transmission substation
Yondr Dallas Metro Campus	Lancaster	Regional utility	550	50%	286	2030-02-01	Transmission substation
CoreWeave	Denton	Oncor	262	45%	252	2030-02-01	Transmission substation
Compass Red Oak	Ellis	Oncor	360	48%	187	2027-08-01	Utility study
QTS Data Centers	Dallas	Oncor	165	64%	109	2030-02-01	Transmission substation
NTT Dallas Campus	Dallas	Oncor	124	52%	119	2030-02-01	Transmission substation
Stream Data Centers	Dallas	Oncor	90	64%	65	2030-02-01	Transmission substation
STACK Infrastructure	Collin	Oncor	80	64%	53	2030-02-01	Transmission substation
Riot Platforms	Milam	Transmission Operator	50	64%	48	2030-02-01	Transmission substation

Source: Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens (monitor.aixenergy.io).

Zone PANHANDLE: ERCOT Panhandle — Comprehensive Grid Dossier

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TRACKED REQUESTS

Active projects in zone

3,208 MW

GROSS REQUESTED

Undiscounted queue total

1,480 MW

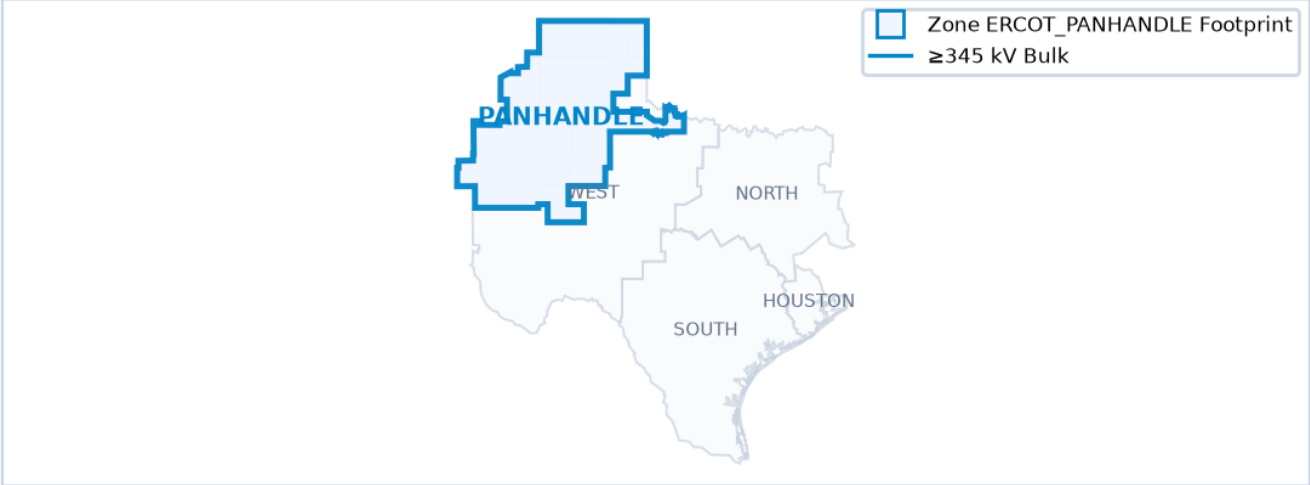
EXPECTED EVENTUAL

Probability & realization adjusted

4,500 MW

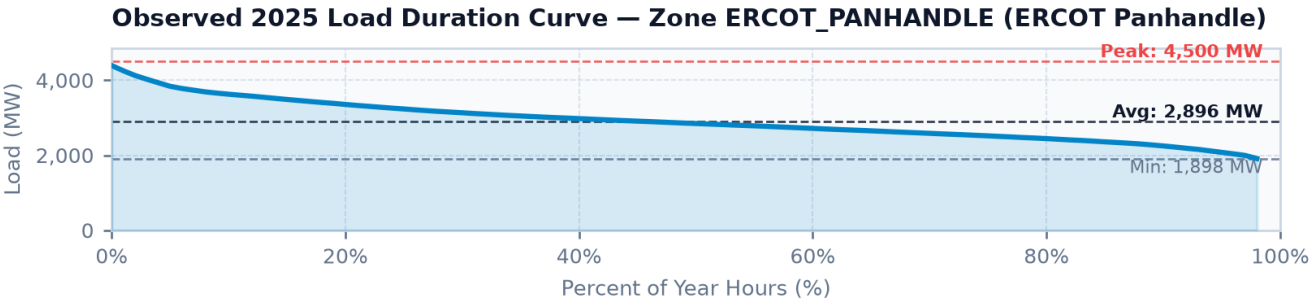
2025 PEAK LOAD

Load factor: 64%



Locality / Capacity Region	Unmapped zone
Locational Capacity Requirement (LCR)	—
Deliverability Index (–1 tight → +1 loose)	0.95
Generation-Supply Index (–1 weak → +1 strong)	1.00
Queued Generation MW in Zone	15,830
Queued Large-Load MW in Zone	3,158
Expected MW (within 24 Months)	1,245
Expected MW (within 60 Months)	1,459

Observed 2025 Load Duration Curve



Active Large-Load Interconnection Requests in Zone ERCOT_PANHANDLE

Project Name	County	Utility	Req. MW	P(eventual)	Net Real. MW	Exp. Energ.	Critical Path
IREN Childress Data Center Campus	Childress	AEP	750	59%	720	2027-08-01	Utility study
Crusoe–Lancium Childress AI Campus	Childress		1,000	68%	520	2027-08-01	Utility study
Aligned Caprock Campus	Lubbock	Xcel Energy	540	59%	518	2027-08-01	Utility study
TensorWave	Carson County		222	62%	213	2027-08-01	Utility study
Fluidstack Abernathy Data Center	Hale	Xcel Energy (SPS)	168	61%	161	2030-02-01	Transmission substation
Soluna Project Fei	Childress		100	61%	52	2030-02-01	Transmission substation
Galaxy Digital	McGregor	Transmission Operator	74	73%	29	2030-02-01	Transmission substation
Fermi America	Carson	Xcel Energy (SPS)	50	55%	36	2030-02-01	Transmission substation
Google	Vernon	Transmission Operator	50	55%	36	2030-02-01	Transmission substation
Northampton Capital Partners / Provident Data Centers	North Dallas Corridor	Transmission Operator	54	73%	21	2030-02-01	Transmission substation
Google	Armstrong County	Transmission Operator	50	73%	20	2030-02-01	Transmission substation
PowerHouse Data Centers	Westlake	Transmission Operator	50	73%	20	2030-02-01	Transmission substation
QTS / Blackstone	Hall	AEP Texas	50	75%	18	2030-02-01	Transmission substation
PowerHouse Circle T Westlake Campus	Westlake		50	66%	20	2030-02-01	Transmission substation

Source: Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens (monitor.aixenergy.io).

Zone SOUTH: ERCOT South Hub — Comprehensive Grid Dossier

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TRACKED REQUESTS

Active projects in zone

8,050 MW

GROSS REQUESTED

Undiscounted queue total

2,070 MW

EXPECTED EVENTUAL

Probability & realization adjusted

18,500 MW

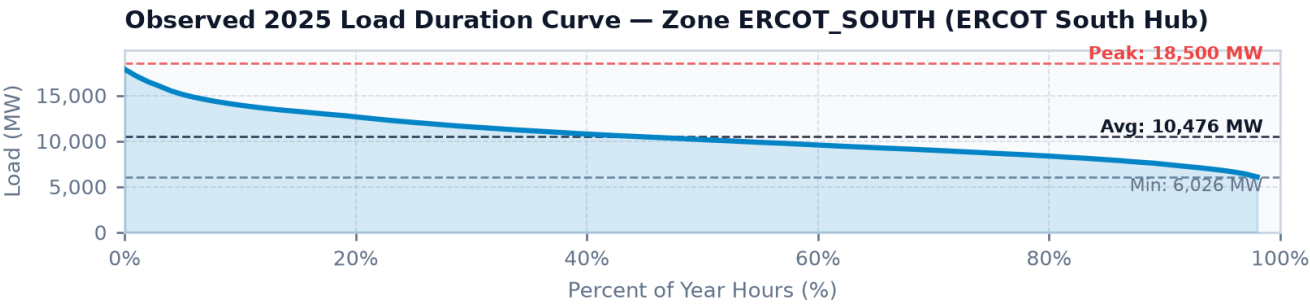
2025 PEAK LOAD

Load factor: 57%



Locality / Capacity Region	Unmapped zone
Locational Capacity Requirement (LCR)	—
Deliverability Index (–1 tight → +1 loose)	0.81
Generation-Supply Index (–1 weak → +1 strong)	-0.96
Queued Generation MW in Zone	600
Queued Large-Load MW in Zone	7,950
Expected MW (within 24 Months)	1,141
Expected MW (within 60 Months)	1,985

Observed 2025 Load Duration Curve



Active Large-Load Interconnection Requests in Zone ERCOT_SOUTH

Project Name	County	Utility	Req. MW	P(eventual)	Net Real. MW	Exp. Energ.	Critical Path
Tract Caldwell Valley	Caldwell	Blue Bonnet Electric Cooperative	4,000	39%	2,080	2027-08-01	Utility study
CloudBurst San Marcos Data Center	Hays		1,200	40%	1,152	2030-02-01	Transmission substation
CloudHQ	Bexar	CPS Energy	600	55%	234	2030-02-01	Transmission substation
EdgeConneX Cedar Creek Campus	Cedar Creek / Bastrop County		240	37%	230	2027-08-01	Utility study
Prime Data Centers AUS01 Lockhart Campus	Lockhart	Bluebonnet Electric Cooperative	384	37%	200	2027-08-01	Utility study
Vantage TX1 Campus	Bexar		128	44%	123	2030-02-01	Transmission substation
LightEdge	Travis	Austin Energy	50	74%	36	2030-02-01	Transmission substation
Data Foundry	Travis	Austin Energy	50	74%	36	2030-02-01	Transmission substation
Soluna Project Hedy	Willacy		120	37%	62	2027-08-01	Utility study
LOGIX Fiber Networks	Travis	Austin Energy	50	56%	36	2030-02-01	Transmission substation
LightEdge	Travis	Austin Energy	50	56%	36	2030-02-01	Transmission substation
Skybox Datacenters	Hutto	Oncor	50	55%	36	2030-02-01	Transmission substation
Sabey Data Centers	Williamson	Oncor	50	55%	36	2030-02-01	Transmission substation
H5 Data Centers	Bexar	CPS Energy	50	55%	36	2030-02-01	Transmission substation
CyrusOne	Travis	Austin Energy	50	54%	36	2030-02-01	Transmission substation

Source: Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens (monitor.aixenergy.io).

Zone UNALLOCATED: ERCOT System-Wide Unallocated — Comprehensive Grid Dossier

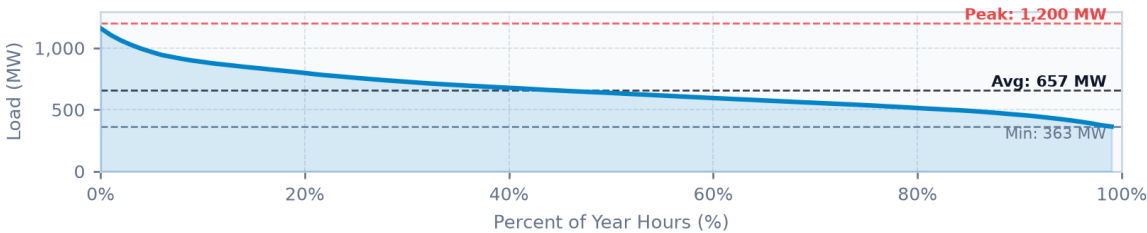
3 TRACKED REQUESTS Active projects in zone	1,100 MW GROSS REQUESTED Undiscounted queue total	746 MW EXPECTED EVENTUAL Probability & realization adjusted	1,200 MW 2025 PEAK LOAD Load factor: 55%
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Locality / Capacity Region	Unmapped zone
Locational Capacity Requirement (LCR)	—
Deliverability Index (–1 tight → +1 loose)	0.98
Generation-Supply Index (–1 weak → +1 strong)	1.00
Queued Generation MW in Zone	8,994
Queued Large-Load MW in Zone	1,050
Expected MW (within 24 Months)	75
Expected MW (within 60 Months)	684

Observed 2025 Load Duration Curve

Observed 2025 Load Duration Curve — Zone ERCOT_UNALLOCATED (ERCOT System-Wide Unallocated)



Active Large-Load Interconnection Requests in Zone ERCOT_UNALLOCATED

Project Name	County	Utility	Req. MW	P(eventual)	Net Real. MW	Exp. Energ.	Critical Path
El Paso AI-Optimized Data Center	El Paso	El Paso Electric	1,000	74%	960	2030-02-01	Transmission substation
Carlyle Group	Fort Bliss / El Paso	Transmission Operator	50	85%	20	2030-02-01	Transmission substation
Carlyle Fort Bliss Hyperscale Data Center	Fort Bliss / El Paso		50	77%	20	2030-02-01	Transmission substation

Source: Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens (monitor.aixenergy.io).

Zone WEST: ERCOT West Hub — Comprehensive Grid Dossier

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TRACKED REQUESTS

Active projects in zone

10,202 MW

GROSS REQUESTED

Undiscounted queue total

3,045 MW

EXPECTED EVENTUAL

Probability & realization adjusted

7,800 MW

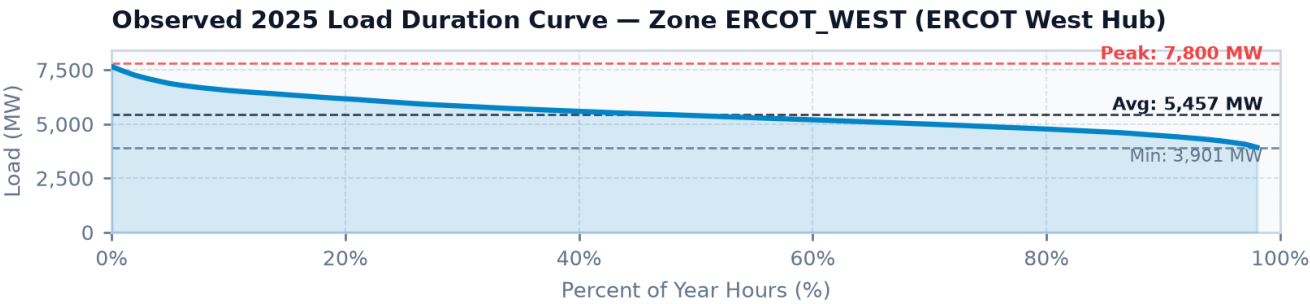
2025 PEAK LOAD

Load factor: 70%



Locality / Capacity Region	Unmapped zone
Locational Capacity Requirement (LCR)	—
Deliverability Index (–1 tight → +1 loose)	0.81
Generation-Supply Index (–1 weak → +1 strong)	-0.72
Queued Generation MW in Zone	5,789
Queued Large-Load MW in Zone	10,102
Expected MW (within 24 Months)	1,775
Expected MW (within 60 Months)	2,927

Observed 2025 Load Duration Curve



Active Large-Load Interconnection Requests in Zone ERCOT_WEST

Project Name	County	Utility	Req. MW	P(eventual)	Net Real. MW	Exp. Energ.	Critical Path
OpenAI / Oracle	Shackelford County		1,400	46%	1,344	2027-08-01	Utility study
Pecos AI Datacenter Campus	Reeves	TNMP	2,000	50%	1,040	2030-02-01	Transmission substation
IREN Sweetwater 1 Campus	Sweetwater	Oncor	1,400	39%	1,344	2027-08-01	Utility study
CoreWeave	West Texas	Dedicated and utility power under development	2,000	30%	1,040	2027-08-01	Utility study
Cipher Colchis	Tom Green	AEP	1,000	53%	520	2030-02-01	Transmission substation
Crusoe	Abilene	Transmission Operator	672	53%	484	2030-02-01	Transmission substation
CoreWeave	Dickens County	ERCOT	526	46%	274	2027-08-01	Utility study
Cipher Odessa	Ector	Oncor	207	59%	199	2030-02-01	Transmission substation
Ionic Digital Cedarvale	Ward		234	42%	225	2030-02-01	Transmission substation
AI Inference & Modular Compute	Scurry County	Transmission Operator	150	53%	99	2030-02-01	Transmission substation
Texas Critical Data Centers Campus	Ector County		200	37%	104	2027-08-01	Utility study
Hut 8 Salt Creek (Crypto mining)	Reeves		63	47%	60	2027-08-01	Utility study
Amazon Web Services	Pecos County	Transmission Operator	50	53%	36	2030-02-01	Transmission substation
Cipher Mining	Winkler County	ERCOT utility connection	50	53%	36	2030-02-01	Transmission substation
Amazon GW Ranch Pecos County AI Campus	Pecos County		50	49%	33	2030-02-01	Transmission substation

Source: Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens (monitor.aixenergy.io).

Part VI: Interconnection Queue Compendium (All 159 Tracked Projects)

Master project directory of all 159 de-duplicated large-load interconnection requests actively tracked in the ERCOT queue. Ordered by expected net firm megawatts (net realized capacity weighted by commercial energization probability).

Project Name	County	Zone	Utility	Load Class	Req. MW	P(evt)	LR Factor	Net Real. MW	Exp. Energ.	Critical Path	Status
Tract Caldwell Valley	Caldwell	SOUTH	Blue Bonnet Electric Cooperative	Other large load	4,000	39%	0.52	2,080	2027-08-01	Utility study	
El Paso AI-Optimized Data Center	El Paso	UNALLOCATED	El Paso Electric	Other large load	1,000	74%	0.96	960	2030-02-01	Transmission substation	construction
OpenAI / Oracle	Shackelford County	WEST		Other large load	1,400	46%	0.96	1,344	2027-08-01	Utility study	construction
Pecos AI Datacenter Campus	Reeves	WEST	TNMP	Other large load	2,000	50%	0.52	1,040	2030-02-01	Transmission substation	
IREN Sweetwater 1 Campus	Sweetwater	WEST	Oncor	Other large load	1,400	39%	0.96	1,344	2027-08-01	Utility study	construction
CloudBurst San Marcos Data Center	Hays	SOUTH		Other large load	1,200	40%	0.96	1,152	2030-02-01	Transmission substation	construction
OpenAI	Milam County	NORTH	ERCOT	Other large load	1,200	38%	0.96	1,152	2030-02-01	Transmission substation	construction
IREN Childress Data Center Campus	Childress	PANHANDLE	AEP	Other large load	750	59%	0.96	720	2027-08-01	Utility study	construction
CyrusOne Freestone Energy Center Campus	Freestone County	NORTH		Other large load	760	51%	0.96	730	2027-08-01	Utility study	construction
Crusoe-Lancium Childress AI Campus	Childress	PANHANDLE		Other large load	1,000	68%	0.52	520	2027-08-01	Utility study	
CoreWeave	West Texas	WEST	Dedicated and utility power under development	Other large load	2,000	30%	0.52	1,040	2027-08-01	Utility study	
Aligned Caprock Campus	Lubbock	PANHANDLE	Xcel Energy	Other large load	540	59%	0.96	518	2027-08-01	Utility study	construction
Cipher Colchis	Tom Green	WEST	AEP	Other large load	1,000	53%	0.52	520	2030-02-01	Transmission substation	
Undisclosed investment-grade tenant	Texas	NORTH		Other large load	1,000	51%	0.52	520	2030-02-01	Transmission substation	
Hyperscale Cloud Consortium (Confidential)	Somervell County	NORTH	Oncor	Hyperscale data center	1,000	68%	0.39	390	2030-02-01	Transmission substation	Announced / early planning
Crusoe	Abilene	WEST	Transmission Operator	Hyperscale data center	672	53%	0.72	484	2030-02-01	Transmission substation	Under construction

Project Name	County	Zone	Utility	Load Class	Req. MW	P(evt)	LR Factor	Net Real. MW	Exp. Energ.	Critical Path	Status
Red Oak Data Center Campus	Red Oak	NORTH	Oncor	Other large load	480	48%	0.96	461	2027-08-01	Utility study	construction
Serverfarm	Harris	HOUSTON	CenterPoint	Generic data center	410	75%	0.72	295	2030-02-01	Transmission substation	Operational
Rowan Temple Data Center	Bell	NORTH	Oncor	Other large load	300	52%	0.96	288	2030-02-01	Transmission substation	construction
Cipher Mikeska	McCulloch	NORTH		Other large load	500	57%	0.52	260	2030-02-01	Transmission substation	
Yondr Dallas Metro Campus	Lancaster	NORTH	Regional utility	Other large load	550	50%	0.52	286	2030-02-01	Transmission substation	
TensorWave	Carson County	PANHANDL E		Other large load	222	62%	0.96	213	2027-08-01	Utility study	construction
CloudHQ	Bexar	SOUTH	CPS Energy	Generic data center	600	55%	0.39	234	2030-02-01	Transmission substation	Planned
CoreWeave	Dickens County	WEST	ERCOT	Other large load	526	46%	0.52	274	2027-08-01	Utility study	
Cipher Odessa	Ector	WEST	Oncor	Other large load	207	59%	0.96	199	2030-02-01	Transmission substation	operational
CoreWeave	Denton	NORTH	Oncor	Other large load	262	45%	0.96	252	2030-02-01	Transmission substation	construction
CleanSpark Brazoria Data Center	Brazoria	HOUSTON		Other large load	300	66%	0.52	156	2027-08-01	Utility study	
Fluidstack Abernathy Data Center	Hale	PANHANDL E	Xcel Energy (SPS)	Other large load	168	61%	0.96	161	2030-02-01	Transmission substation	construction
Ionic Digital Cedarvale	Ward	WEST		Other large load	234	42%	0.96	225	2030-02-01	Transmission substation	operational
Compass Red Oak	Ellis	NORTH	Oncor	Other large load	360	48%	0.52	187	2027-08-01	Utility study	
EdgeConneX Cedar Creek Campus	Cedar Creek / Bastrop County	SOUTH		Other large load	240	37%	0.96	230	2027-08-01	Utility study	construction
Prime Data Centers AUS01 Lockhart Campus	Lockhart	SOUTH	Bluebonnet Electric Cooperative	Other large load	384	37%	0.52	200	2027-08-01	Utility study	
QTS Data Centers	Dallas	NORTH	Oncor	Multi tenant data center	165	64%	0.66	109	2030-02-01	Transmission substation	Operational

Project Name	County	Zone	Utility	Load Class	Req. MW	P(evt)	LR Factor	Net Real. MW	Exp. Energ.	Critical Path	Status
NTT Dallas Campus	Dallas	NORTH	Oncor	Other large load	124	52%	0.96	119	2030-02-01	Transmission substation	operational
Vantage TX1 Campus	Bexar	SOUTH		Other large load	128	44%	0.96	123	2030-02-01	Transmission substation	operational
AI Inference & Modular Compute	Scurry County	WEST	Transmission Operator	AI training data center	150	53%	0.66	99	2030-02-01	Transmission substation	Under construction
Stream Data Centers	Dallas	NORTH	Oncor	Generic data center	90	64%	0.72	65	2030-02-01	Transmission substation	Operational
Texas Critical Data Centers Campus	Ector County	WEST		Other large load	200	37%	0.52	104	2027-08-01	Utility study	
Serverfarm	Harris	HOUSTON	CenterPoint	Generic data center	100	48%	0.72	72	2030-02-01	Transmission substation	Operational
STACK Infrastructure	Collin	NORTH	Oncor	Multi tenant data center	80	64%	0.66	53	2030-02-01	Transmission substation	Operational
Soluna Project Fei	Childress	PANHANDLE		Other large load	100	61%	0.52	52	2030-02-01	Transmission substation	
Riot Platforms	Milam	NORTH	Transmission Operator	Crypto data center	50	64%	0.96	48	2030-02-01	Transmission substation	Operational
Aligned Dallas DFW01-02	Collin	NORTH	Oncor	Other large load	60	52%	0.96	58	2030-02-01	Transmission substation	operational
Hut 8 Salt Creek (Crypto mining)	Reeves	WEST		Other large load	63	47%	0.96	60	2027-08-01	Utility study	operational
Element Critical	Harris	HOUSTON	CenterPoint	Generic data center	50	74%	0.72	36	2030-02-01	Transmission substation	Operational
Data Foundry	Travis	SOUTH	Austin Energy	Generic data center	50	74%	0.72	36	2030-02-01	Transmission substation	Operational
LightEdge	Travis	SOUTH	Austin Energy	Generic data center	50	74%	0.72	36	2030-02-01	Transmission substation	Operational
Flexential Talty Data Center Campus	Talty / Kaufman County	NORTH		Other large load	108	46%	0.52	56	2027-08-01	Utility study	
LOGIX Houston Primewest Katy	Harris	HOUSTON	CenterPoint	Generic data center	50	72%	0.72	36	2030-02-01	Transmission substation	Operational
Netrality	Harris	HOUSTON	CenterPoint	Generic data center	50	72%	0.72	36	2030-02-01	Transmission substation	Operational
Element Critical Houston Two	Harris	HOUSTON	CenterPoint	Generic data center	50	66%	0.72	36	2030-02-01	Transmission substation	Under construction

Project Name	County	Zone	Utility	Load Class	Req. MW	P(evt)	LR Factor	Net Real. MW	Exp. Energ.	Critical Path	Status
Hivelocity	Dallas	NORTH	Oncor	Generic data center	50	64%	0.72	36	2030-02-01	Transmission substation	Operational
Evocative	Collin	NORTH	Oncor	Generic data center	50	64%	0.72	36	2030-02-01	Transmission substation	Operational
LOGIX Fiber Networks	Harris	HOUSTON	CenterPoint	Generic data center	50	64%	0.72	36	2030-02-01	Transmission substation	Operational
ScaleMatrix	Allen	NORTH	Oncor	Generic data center	50	64%	0.72	36	2030-02-01	Transmission substation	Operational
DataBank	Dallas	NORTH	Oncor	Generic data center	50	64%	0.72	36	2030-02-01	Transmission substation	Operational
Netrality Houston 1301 Fannin	Harris	HOUSTON	CenterPoint	Generic data center	50	64%	0.72	36	2030-02-01	Transmission substation	Operational
Soluna Project Hedy	Willacy	SOUTH		Other large load	120	37%	0.52	62	2027-08-01	Utility study	
365 Data Centers	Richardson	NORTH	Transmission Operator	Generic data center	50	62%	0.72	36	2030-02-01	Transmission substation	Operational
Flexential	Richardson	NORTH	Transmission Operator	Generic data center	50	62%	0.72	36	2030-02-01	Transmission substation	Operational
QTS Data Centers	Tarrant	NORTH	Oncor	Multi tenant data center	70	46%	0.66	46	2030-02-01	Transmission substation	Operational
Digital Realty	Richardson	NORTH	Oncor	Multi tenant data center	50	64%	0.66	33	2030-02-01	Transmission substation	Operational
Aligned	Tarrant	NORTH	Oncor	Multi tenant data center	50	64%	0.66	33	2030-02-01	Transmission substation	Operational
Galaxy Digital	McGregor	PANHANDL E	Transmission Operator	Generic data center	74	73%	0.39	29	2030-02-01	Transmission substation	Advanced development
Cologix	Dallas / Infomart	NORTH	Transmission Operator	Multi tenant data center	50	62%	0.66	33	2030-02-01	Transmission substation	Operational
LOGIX Houston 811 Louisiana	Harris	HOUSTON	CenterPoint	Generic data center	50	57%	0.72	36	2030-02-01	Transmission substation	Operational
LOGIX Houston 4635 Southwest Freeway	Harris	HOUSTON	CenterPoint	Generic data center	50	57%	0.72	36	2030-02-01	Transmission substation	Operational
Equinix HO1 Houston	Harris	HOUSTON	CenterPoint	Multi tenant data center	50	61%	0.66	33	2030-02-01	Transmission substation	Operational
LOGIX Fiber Networks	Travis	SOUTH	Austin Energy	Generic data center	50	56%	0.72	36	2030-02-01	Transmission substation	Operational

Project Name	County	Zone	Utility	Load Class	Req. MW	P(evt)	LR Factor	Net Real. MW	Exp. Energ.	Critical Path	Status
LOGIX Fiber Networks	Harris	HOUSTON	CenterPoint	Generic data center	50	56%	0.72	36	2030-02-01	Transmission substation	Operational
LightEdge	Travis	SOUTH	Austin Energy	Generic data center	50	56%	0.72	36	2030-02-01	Transmission substation	Operational
Google	Vernon	PANHANDL E	Transmission Operator	Generic data center	50	55%	0.72	36	2030-02-01	Transmission substation	Under construction
Fermi America	Carson	PANHANDL E	Xcel Energy (SPS)	Generic data center	50	55%	0.72	36	2030-02-01	Transmission substation	Under construction
Skybox Datacenters	Hutto	SOUTH	Oncor	Generic data center	50	55%	0.72	36	2030-02-01	Transmission substation	Under construction
Sabey Data Centers	Williamson	SOUTH	Oncor	Generic data center	50	55%	0.72	36	2030-02-01	Transmission substation	Operational
H5 Data Centers	Bexar	SOUTH	CPS Energy	Generic data center	50	55%	0.72	36	2030-02-01	Transmission substation	Operational
EdgeConneX	Harris	HOUSTON	Transmission Operator	Generic data center	50	54%	0.72	36	2030-02-01	Transmission substation	Operational
CyrusOne	Travis	SOUTH	Austin Energy	Generic data center	50	54%	0.72	36	2030-02-01	Transmission substation	Operational
CyrusOne HOU4 Houston	Harris	HOUSTON	CenterPoint	Generic data center	50	53%	0.72	36	2030-02-01	Transmission substation	Operational
Soluna Project Ellen	Cameron	SOUTH		Other large load	100	37%	0.52	52	2027-08-01	Utility study	
Digital Realty IAH10 Houston	Harris	HOUSTON	CenterPoint	Multi tenant data center	50	58%	0.66	33	2027-08-01	Utility study	Operational
Soluna Holdings	Willacy	SOUTH	Magic Valley Electric Co-op Inc	Generic data center	50	53%	0.72	36	2030-02-01	Transmission substation	Under construction
EdgeConneX	Bastrop	SOUTH	Bluebonnet Electric Cooperative	Generic data center	50	53%	0.72	36	2030-02-01	Transmission substation	Under construction
Cipher Mining	Winkler County	WEST	ERCOT utility connection	Generic data center	50	53%	0.72	36	2030-02-01	Transmission substation	Energizing
Amazon Web Services	Pecos County	WEST	Transmission Operator	Generic data center	50	53%	0.72	36	2030-02-01	Transmission substation	Under construction
Tierpoint Fort Worth Data Center – Dallas	Tarrant	NORTH		Generic data center	50	51%	0.72	36	2030-02-01	Transmission substation	Operational
Digital Realty	Travis	SOUTH	Austin Energy	Multi tenant data center	50	56%	0.66	33	2030-02-01	Transmission substation	Operational

Project Name	County	Zone	Utility	Load Class	Req. MW	P(evt)	LR Factor	Net Real. MW	Exp. Energ.	Critical Path	Status
CyrusOne DFW7 — Fort Worth (Chisholm Grid / Eolian)	Fort Worth (NW / Chisholm Grid)	NORTH	Oncor	Generic data center	50	50%	0.72	36	2027-08-01	Utility study	Under construction
Edged Infrastructure	Maxwell	SOUTH	Regional utility	Generic data center	50	49%	0.72	36	2030-02-01	Transmission substation	Under construction
Vantage	Bexar	SOUTH	CPS Energy	Multi tenant data center	50	53%	0.66	33	2030-02-01	Transmission substation	Under construction
Cipher Reveille	La Salle	SOUTH		Other large load	70	47%	0.52	36	2027-08-01	Utility study	
Sabey SDC Austin Round Rock	Williamson	SOUTH	Oncor	Generic data center	50	47%	0.72	36	2030-02-01	Transmission substation	Operational
Prime Data Centers	Tarrant	NORTH	Oncor	Generic data center	50	46%	0.72	36	2030-02-01	Transmission substation	Under construction
CyrusOne	Collin	NORTH	Oncor	Generic data center	50	46%	0.72	36	2030-02-01	Transmission substation	Operational
CoreWeave	Collin	NORTH	Oncor	Generic data center	50	46%	0.72	36	2030-02-01	Transmission substation	Operational
CyrusOne	Tarrant	NORTH	Oncor	Generic data center	50	46%	0.72	36	2030-02-01	Transmission substation	Under construction
LOGIX Fiber Networks	Dallas	NORTH	Oncor	Generic data center	50	46%	0.72	36	2030-02-01	Transmission substation	Operational
CyrusOne	Richardson	NORTH	Oncor	Generic data center	50	46%	0.72	36	2030-02-01	Transmission substation	Operational
TierPoint	Allen	NORTH	Oncor	Generic data center	50	46%	0.72	36	2030-02-01	Transmission substation	Operational
CyrusOne	Carrollton	NORTH	Oncor	Generic data center	50	46%	0.72	36	2030-02-01	Transmission substation	Operational
LOGIX Fiber Networks	Tarrant	NORTH	Oncor	Generic data center	50	46%	0.72	36	2030-02-01	Transmission substation	Operational
Meta	Tarrant	NORTH	Oncor	Generic data center	50	46%	0.72	36	2030-02-01	Transmission substation	Operational
DataBank	Richardson	NORTH	Oncor	Generic data center	50	46%	0.72	36	2030-02-01	Transmission substation	Operational
Carlyle Group	Fort Bliss / El Paso	UNALLOCATED	Transmission Operator	Hyperscale data center	50	85%	0.39	20	2030-02-01	Transmission substation	Announced / early planning

Project Name	County	Zone	Utility	Load Class	Req. MW	P(evt)	LR Factor	Net Real. MW	Exp. Energ.	Critical Path	Status
Vantage TX2 Campus	Bexar	SOUTH	CPS Energy	Multi tenant data center	50	49%	0.66	33	2030-02-01	Transmission substation	Under construction
Amazon GW Ranch Pecos County AI Campus	Pecos County	WEST		AI training data center	50	49%	0.66	33	2030-02-01	Transmission substation	Under construction
Stream Data Centers	Garland	NORTH	Oncor	Generic data center	43	52%	0.72	31	2028-12-01	Unknown	Operational
CyrusOne	Bosque County	NORTH	Transmission Operator	Generic data center	50	44%	0.72	36	2030-02-01	Transmission substation	Under construction
Meta	Temple	NORTH	Transmission Operator	Generic data center	50	44%	0.72	36	2030-02-01	Transmission substation	Operational
TierPoint	Tarrant	NORTH	Transmission Operator	Generic data center	50	44%	0.72	36	2030-02-01	Transmission substation	Operational
Northampton Capital Partners / Provident Data Centers	North Dallas Corridor	PANHANDL E	Transmission Operator	Generic data center	54	73%	0.39	21	2030-02-01	Transmission substation	Announced / early planning
Digital Realty	Harris	HOUSTON	CenterPoint	Multi tenant data center	50	46%	0.66	33	2030-02-01	Transmission substation	Operational
STACK Infrastructure	Lancaster	NORTH	Oncor	Multi tenant data center	50	46%	0.66	33	2030-02-01	Transmission substation	Under construction
Equinix	Dallas	NORTH	Oncor	Multi tenant data center	50	46%	0.66	33	2030-02-01	Transmission substation	Operational
Digital Realty	Carrollton	NORTH	Oncor	Multi tenant data center	50	46%	0.66	33	2030-02-01	Transmission substation	Operational
Digital Realty	Dallas	NORTH	Oncor	Multi tenant data center	50	46%	0.66	33	2030-02-01	Transmission substation	Operational
Equinix	Collin	NORTH	Oncor	Multi tenant data center	50	46%	0.66	33	2030-02-01	Transmission substation	Operational
Digital Realty	Denton	NORTH	Oncor	Multi tenant data center	50	46%	0.66	33	2030-02-01	Transmission substation	Operational
Equinix	Harris	HOUSTON	CenterPoint	Multi tenant data center	50	46%	0.66	33	2030-02-01	Transmission substation	Operational
Carlyle Fort Bliss Hyperscale Data Center	Fort Bliss / El Paso	UNALLOCA TED		Hyperscale data center	50	77%	0.39	20	2030-02-01	Transmission substation	Selected / lease negotiations
DataBank	Collin	NORTH	Oncor	Generic data center	40	52%	0.72	29	2028-12-01	Unknown	Operational
PowerHouse Data Centers	Westlake	PANHANDL E	Transmission Operator	Generic data center	50	73%	0.39	20	2030-02-01	Transmission substation	Advanced development

Project Name	County	Zone	Utility	Load Class	Req. MW	P(evt)	LR Factor	Net Real. MW	Exp. Energ.	Critical Path	Status
Google	Armstrong County	PANHANDL E	Transmission Operator	Generic data center	50	73%	0.39	20	2030-02-01	Transmission substation	Announced / early planning
Microsoft	Medina	SOUTH	CPS Energy	Generic data center	50	39%	0.72	36	2030-02-01	Transmission substation	Under construction
QTS / Blackstone	Hall	PANHANDL E	AEP Texas	Multi tenant data center	50	75%	0.36	18	2030-02-01	Transmission substation	Announced / early planning
Microsoft	Bexar	SOUTH	CPS Energy	Generic data center	50	37%	0.72	36	2030-02-01	Transmission substation	Operational
PowerHouse Circle T Westlake Campus	Westlake	PANHANDL E		Generic data center	50	66%	0.39	20	2030-02-01	Transmission substation	Site controlled
QTS Data Centers	Bexar	SOUTH	CPS Energy	Multi tenant data center	45	43%	0.66	30	2028-12-01	Unknown	Operational
Nexus Data Centers	Hubbard / Hill County	NORTH	Transmission Operator	Generic data center	50	64%	0.39	20	2030-02-01	Transmission substation	Announced / early planning
SB Energy (SoftBank Group)	Travis County	SOUTH	Transmission Operator	Generic data center	50	35%	0.72	36	2030-02-01	Transmission substation	Under construction
CyrusOne	Bexar	SOUTH	Bandera Electric Cooperative	Generic data center	50	35%	0.72	36	2030-02-01	Transmission substation	Operational
Cipher Mining	Colorado City	WEST	ERCOT utility connection	Generic data center	50	35%	0.72	36	2030-02-01	Transmission substation	Energizing
Google	Haskell County	WEST	Transmission Operator	Generic data center	50	35%	0.72	36	2030-02-01	Transmission substation	Under construction
Stream Data Centers / Headwaters Site Development	Graham / Young County	NORTH	Transmission Operator	Generic data center	50	62%	0.39	20	2030-02-01	Transmission substation	Announced / early planning
Edged	Dallas	NORTH	Oncor	Generic data center	24	70%	0.72	17	2028-12-01	Unknown	Operational
Skybox Datacenters	Harris	HOUSTON	CenterPoint	Generic data center	26	62%	0.72	19	2028-12-01	Unknown	Operational
CyrusOne	Bexar	SOUTH	CPS Energy	Generic data center	36	43%	0.72	26	2028-12-01	Unknown	Operational
Amazon Web Services	Boling / Wharton County	HOUSTON	Transmission Operator	Generic data center	50	54%	0.39	20	2030-02-01	Transmission substation	Advanced development
Crusoe (with Blue Energy)	Port of Victoria / Calhoun County	SOUTH	Transmission Operator	Generic data center	50	53%	0.39	20	2030-02-01	Transmission substation	Announced / early planning

Project Name	County	Zone	Utility	Load Class	Req. MW	P(evt)	LR Factor	Net Real. MW	Exp. Energ.	Critical Path	Status
PowerBridge	Reeves County	WEST	Transmission Operator	Generic data center	50	53%	0.39	20	2030-02-01	Transmission substation	Announced / early planning
CyrusOne	Denton	NORTH	Oncor	Generic data center	26	52%	0.72	19	2028-12-01	Unknown	Operational
Cipher Mining	McLennan County	NORTH	ERCOT utility connection	Generic data center	50	46%	0.39	20	2030-02-01	Transmission substation	Advanced development
PowerBridge Alpha Digital Campus	Reeves County	WEST		Generic data center	50	45%	0.39	20	2030-02-01	Transmission substation	Announced
Core Scientific, Inc.	Travis	SOUTH	Austin Energy	Generic data center	20	60%	0.72	14	2028-12-01	Unknown	Operational
Centersquare	Tarrant	NORTH	Oncor	Generic data center	16	70%	0.72	12	2028-12-01	Unknown	Operational
Flexential	Collin	NORTH	Oncor	Generic data center	18	52%	0.72	13	2028-12-01	Unknown	Operational
CyrusOne	Castroville / San Antonio	SOUTH	Transmission Operator	Generic data center	50	35%	0.39	20	2030-02-01	Transmission substation	Announced / early planning
DataBank	Harris	HOUSTON	CenterPoint	Generic data center	16	52%	0.72	11	2028-12-01	Unknown	Operational
Centersquare	Tarrant	NORTH	Oncor	Generic data center	14	52%	0.72	10	2028-12-01	Unknown	Operational
Prime Data Centers	Maxwell	SOUTH	Transmission Operator	Generic data center	50	27%	0.39	20	2027-08-01	Utility study	Planned
Stream Data Centers	Montgomery	HOUSTON	CenterPoint	Generic data center	8	62%	0.72	6	2028-12-01	Unknown	Operational
Element Critical	Travis	SOUTH	Austin Energy	Generic data center	7	62%	0.72	5	2028-12-01	Unknown	Operational
CyrusOne HOU3 Houston	Harris	HOUSTON	CenterPoint	Generic data center	6	59%	0.72	5	2028-12-01	Unknown	Operational
Cisco	Collin	NORTH	Oncor	Generic data center	5	70%	0.72	4	2028-12-01	Unknown	Operational
Flexential	Dallas	NORTH	Oncor	Generic data center	7	52%	0.72	5	2028-12-01	Unknown	Operational
DataBank	Harris	HOUSTON	CenterPoint	Generic data center	5	52%	0.72	4	2028-12-01	Unknown	Operational
Centersquare	Collin	NORTH	Oncor	Generic data center	5	52%	0.72	3	2028-12-01	Unknown	Operational

Project Name	County	Zone	Utility	Load Class	Req. MW	P(evt)	LR Factor	Net Real. MW	Exp. Energ.	Critical Path	Status
DataBank	Dallas	NORTH	Oncor	Generic data center	4	52%	0.72	3	2028-12-01	Unknown	Operational
Stream Data Centers	Collin	NORTH	Oncor	Generic data center	4	52%	0.72	3	2028-12-01	Unknown	Operational

Source: Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens (monitor.aixenergy.io).

Part VI.1: Flagship Large-Load Project Dossiers

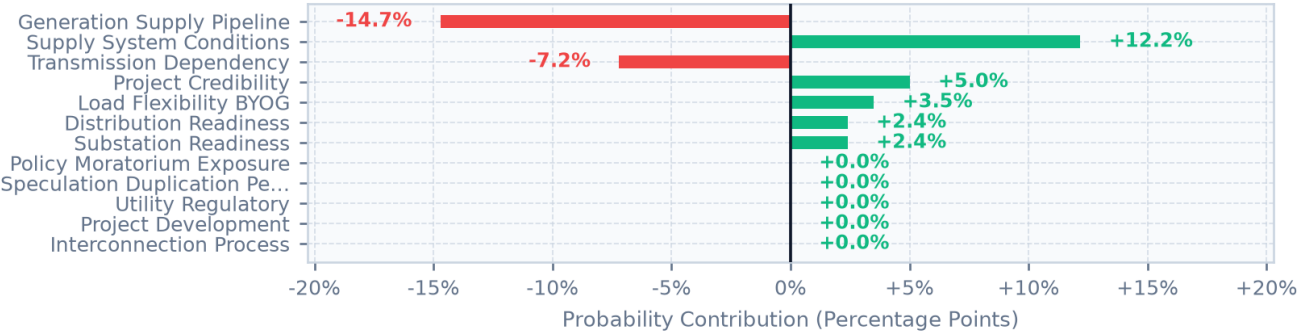
In-depth engineering profiles and thermal sensitivity screens for the top 10 highest-impact large-load interconnection requests across the ERCOT footprint, evaluating local transmission corridors, waterfall constraint breakdowns, and substation candidate links.

Flagship Profile: Tract Caldwell Valley (f3be97d4)

39% P(EVENTUAL) Commercial probability	4,000 MW REQUESTED MW Queue face-value	2,080 MW NET REALIZED MW Firm bulk draw	Utility study CRITICAL PATH Primary gating constraint
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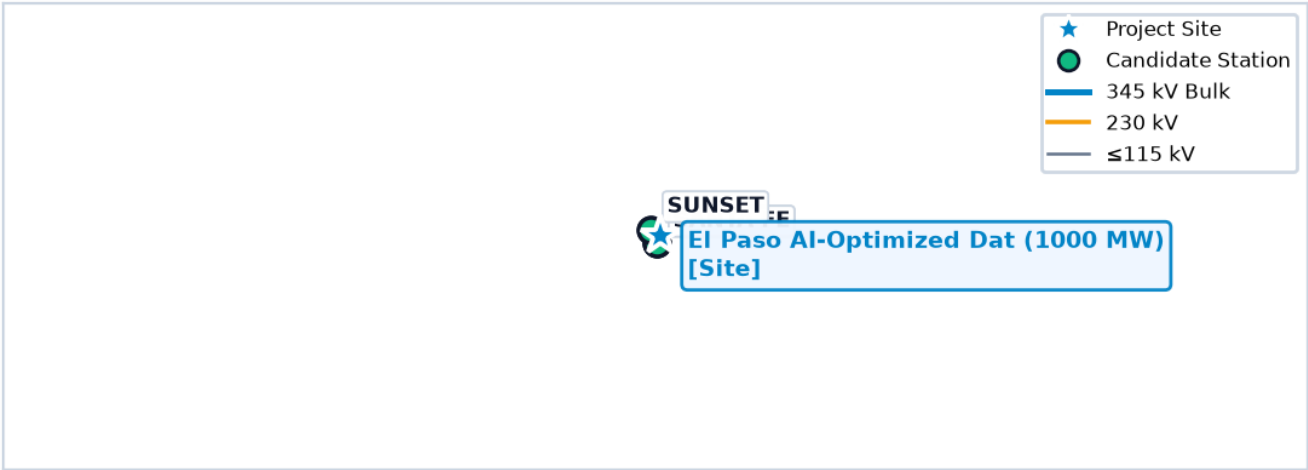
Energization Probability Waterfall (Base Prior: 35% → Final P(evt): 39%)



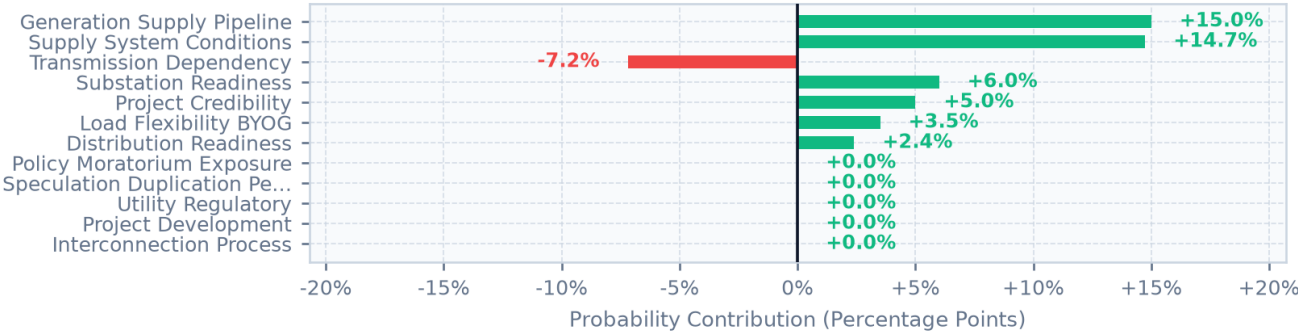
Developer / Sponsor	—
County / Municipality	Caldwell / —
Reliability Zone	Zone ERCOT_SOUTH
Electric Utility	Blue Bonnet Electric Cooperative
Load Classification	Other large load
Expected Commercial Energization	2027-08-01
Point of Interconnection	—
Service Voltage	—
Study Stage	—

Flagship Profile: El Paso AI-Optimized Data Center (6f03b48e)

74% P(EVENTUAL) Commercial probability	1,000 MW REQUESTED MW Queue face-value	960 MW NET REALIZED MW Firm bulk draw	Transmission substation CRITICAL PATH Primary gating constraint
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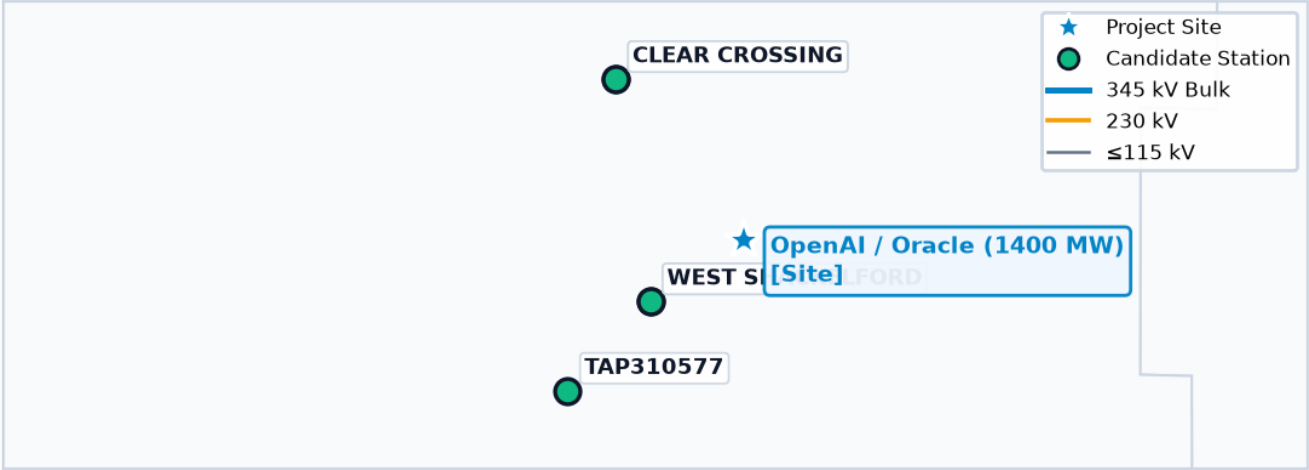
Energization Probability Waterfall (Base Prior: 35% → Final P(evt): 74%)



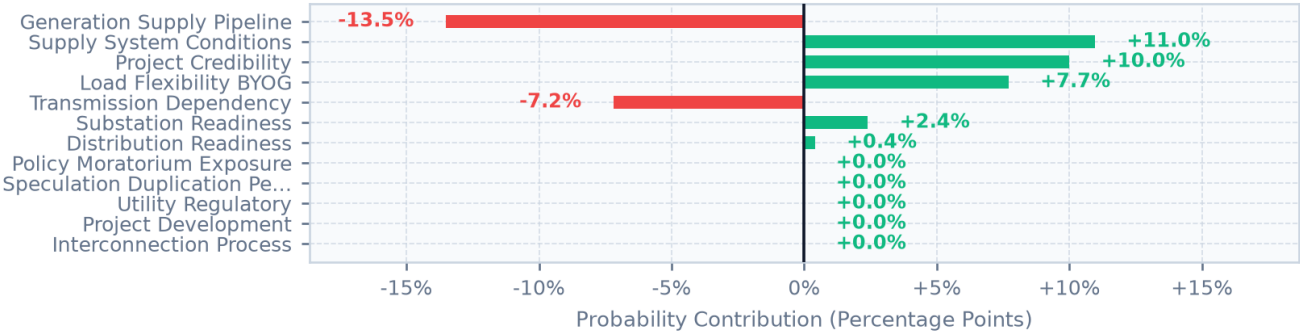
Developer / Sponsor	—
County / Municipality	El Paso / —
Reliability Zone	Zone ERCOT_UNALLOCATED
Electric Utility	El Paso Electric
Load Classification	Other large load
Expected Commercial Energization	2030-02-01
Point of Interconnection	—
Service Voltage	—
Study Stage	—

Flagship Profile: OpenAI / Oracle (cf21108a)

46% P(EVENTUAL) Commercial probability	1,400 MW REQUESTED MW Queue face-value	1,344 MW NET REALIZED MW Firm bulk draw	Utility study CRITICAL PATH Primary gating constraint
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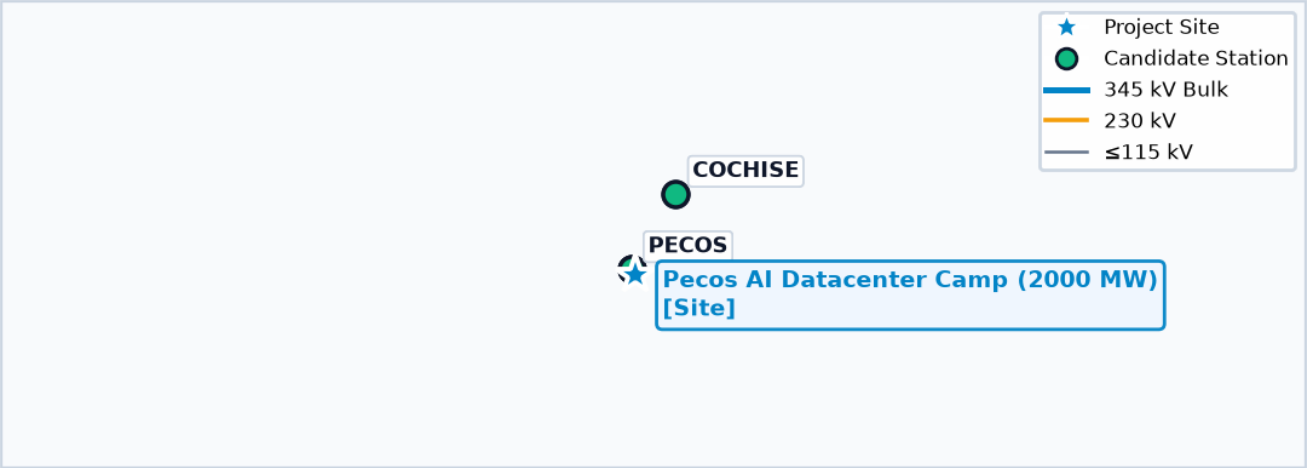
Energization Probability Waterfall (Base Prior: 35% → Final P(evt): 46%)



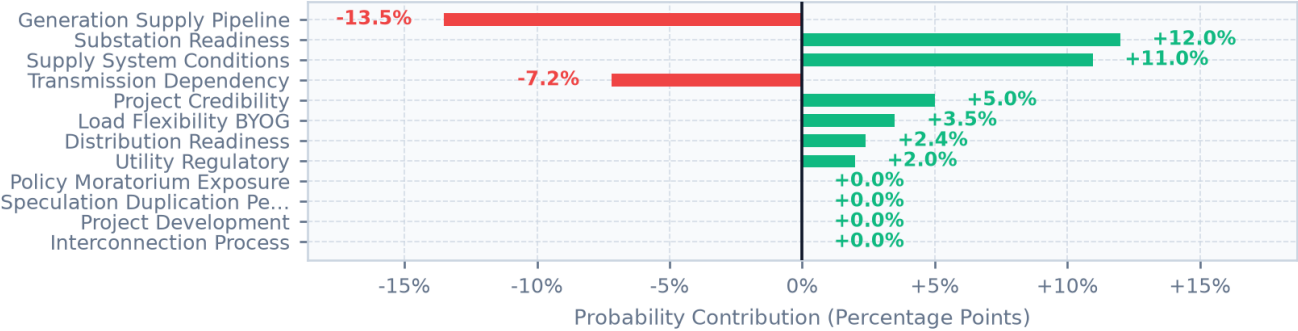
Developer / Sponsor	OpenAI / Oracle
County / Municipality	Shackelford County / —
Reliability Zone	Zone ERCOT_WEST
Electric Utility	—
Load Classification	Other large load
Expected Commercial Energization	2027-08-01
Point of Interconnection	—
Service Voltage	—
Study Stage	—

Flagship Profile: Pecos AI Datacenter Campus (0f9c5359)

50% P(EVENTUAL) Commercial probability	2,000 MW REQUESTED MW Queue face-value	1,040 MW NET REALIZED MW Firm bulk draw	Transmission substation CRITICAL PATH Primary gating constraint
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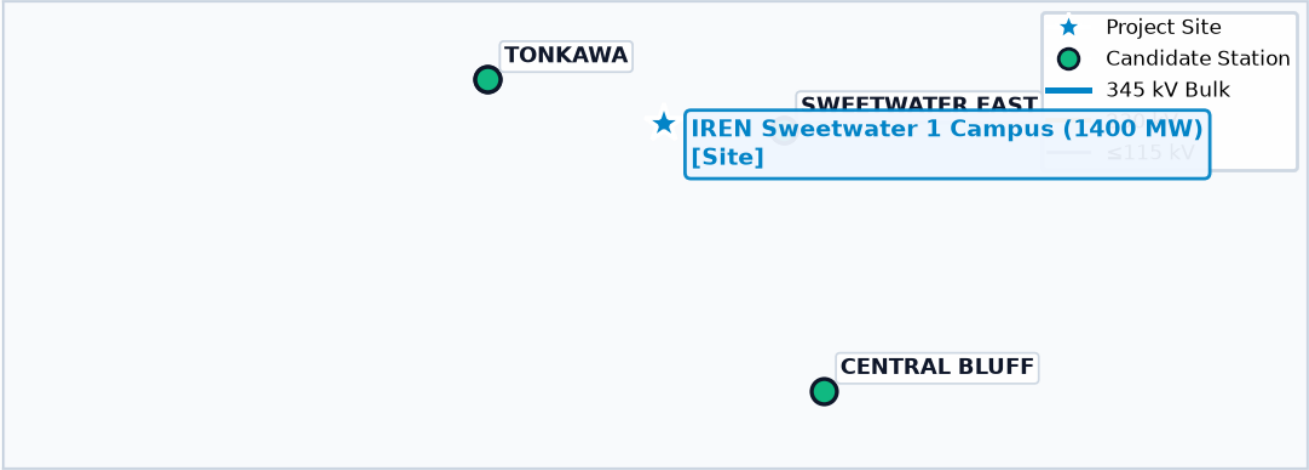
Energization Probability Waterfall (Base Prior: 35% → Final P(evt): 50%)



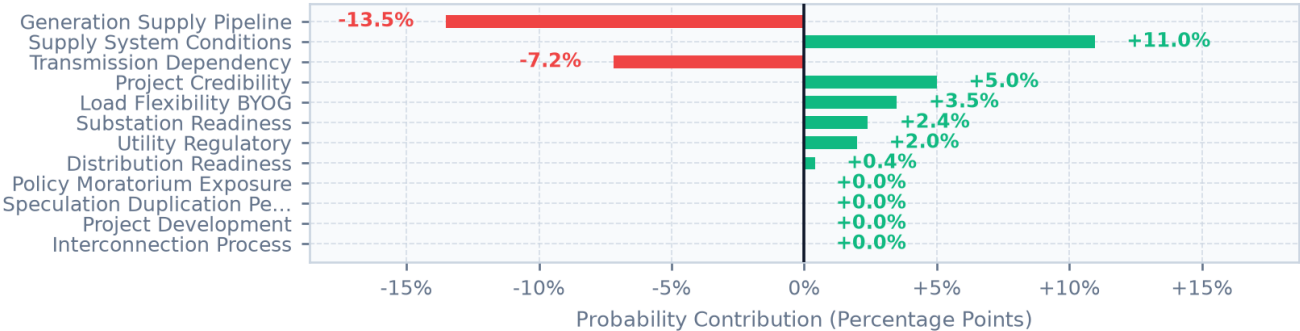
Developer / Sponsor	—
County / Municipality	Reeves / Pecos
Reliability Zone	Zone ERCOT_WEST
Electric Utility	TNMP
Load Classification	Other large load
Expected Commercial Energization	2030-02-01
Point of Interconnection	—
Service Voltage	—
Study Stage	—

Flagship Profile: IREN Sweetwater 1 Campus (1b9ddcb2)

39% P(EVENTUAL) Commercial probability	1,400 MW REQUESTED MW Queue face-value	1,344 MW NET REALIZED MW Firm bulk draw	Utility study CRITICAL PATH Primary gating constraint
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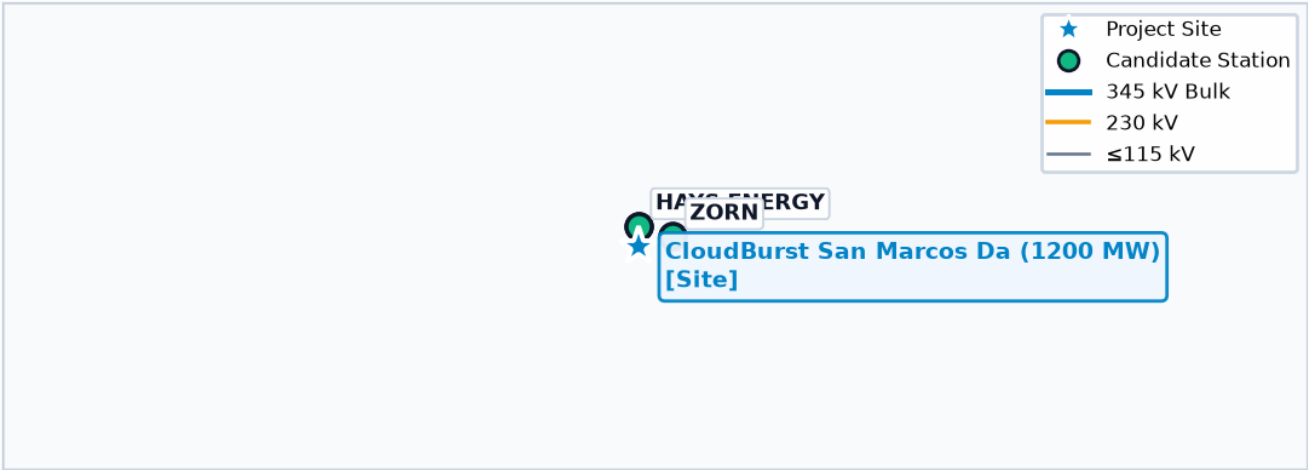
Energization Probability Waterfall (Base Prior: 35% → Final P(evt): 39%)



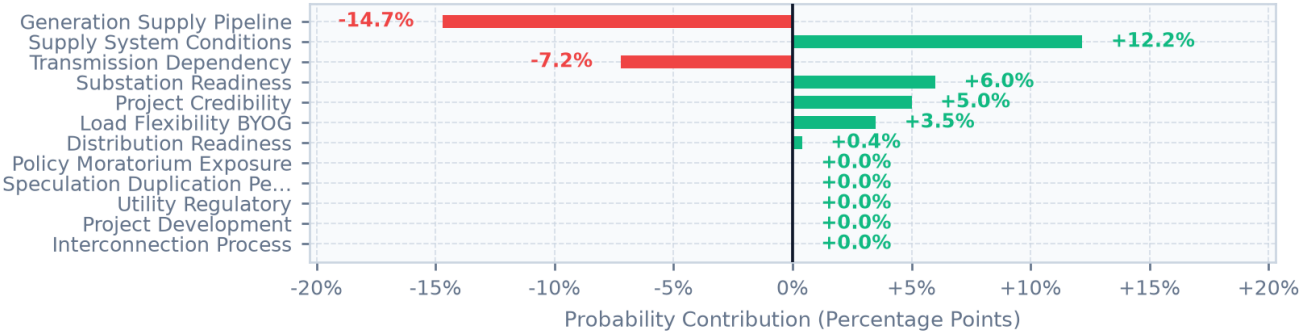
Developer / Sponsor	—
County / Municipality	Sweetwater / —
Reliability Zone	Zone ERCOT_WEST
Electric Utility	Oncor
Load Classification	Other large load
Expected Commercial Energization	2027-08-01
Point of Interconnection	—
Service Voltage	—
Study Stage	—

Flagship Profile: CloudBurst San Marcos Data Center (a57b0e06)

40% P(EVENTUAL) Commercial probability	1,200 MW REQUESTED MW Queue face-value	1,152 MW NET REALIZED MW Firm bulk draw	Transmission substation CRITICAL PATH Primary gating constraint
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Energization Probability Waterfall (Base Prior: 35% → Final P(evt): 40%)



Developer / Sponsor	—
County / Municipality	Hays / —
Reliability Zone	Zone ERCOT_SOUTH
Electric Utility	—
Load Classification	Other large load
Expected Commercial Energization	2030-02-01
Point of Interconnection	—
Service Voltage	—
Study Stage	—

Flagship Profile: OpenAI (3e4a01a7)

38%

P(EVENTUAL)
Commercial probability

1,200 MW

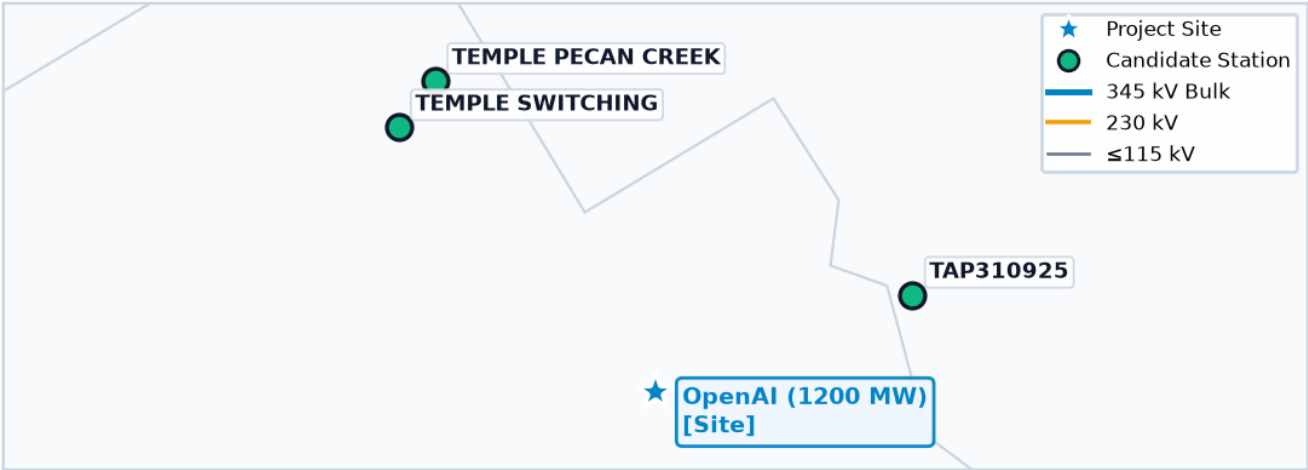
REQUESTED MW
Queue face-value

1,152 MW

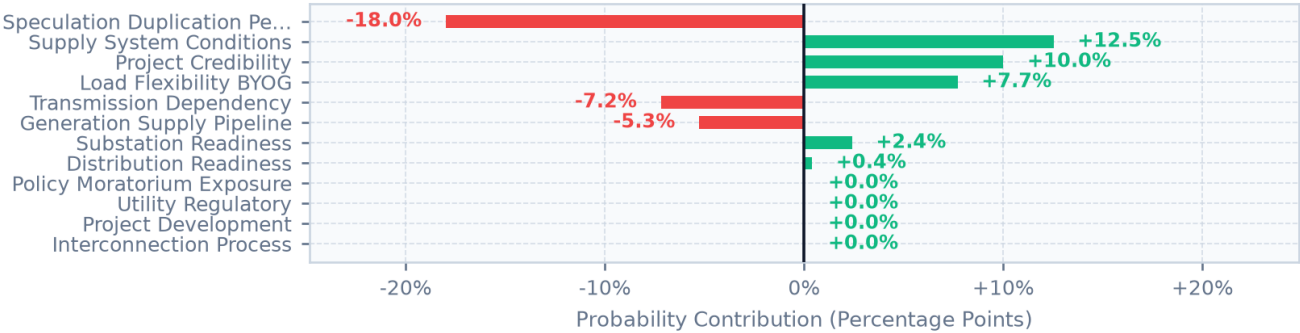
NET REALIZED MW
Firm bulk draw

Transmission substation

CRITICAL PATH
Primary gating constraint



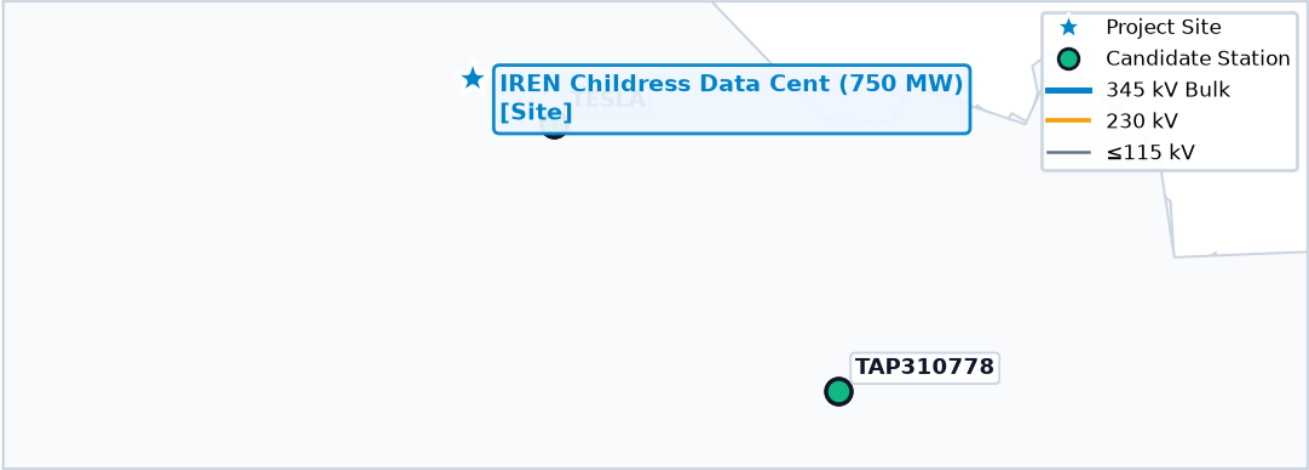
Energization Probability Waterfall (Base Prior: 35% → Final P(evt): 38%)



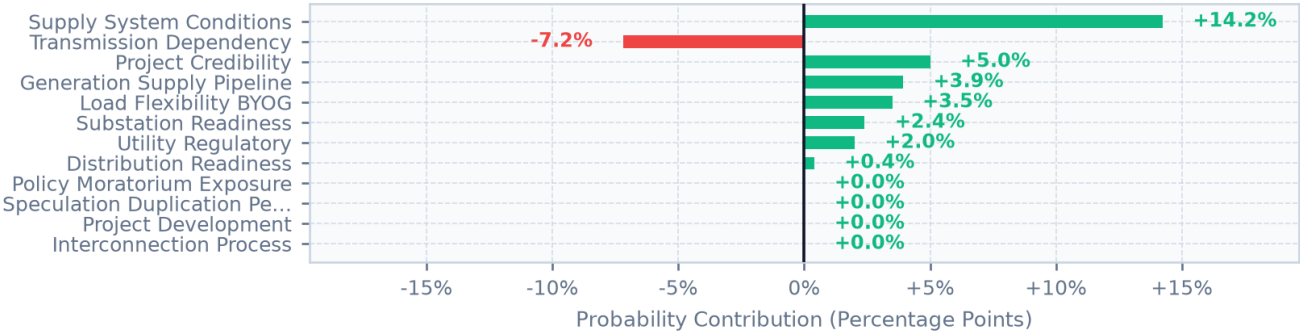
Developer / Sponsor	OpenAI
County / Municipality	Milam County / —
Reliability Zone	Zone ERCOT_NORTH
Electric Utility	ERCOT
Load Classification	Other large load
Expected Commercial Energization	2030-02-01
Point of Interconnection	—
Service Voltage	—
Study Stage	—

Flagship Profile: IREN Childress Data Center Campus (26ba7366)

59% P(EVENTUAL) Commercial probability	750 MW REQUESTED MW Queue face-value	720 MW NET REALIZED MW Firm bulk draw	Utility study CRITICAL PATH Primary gating constraint
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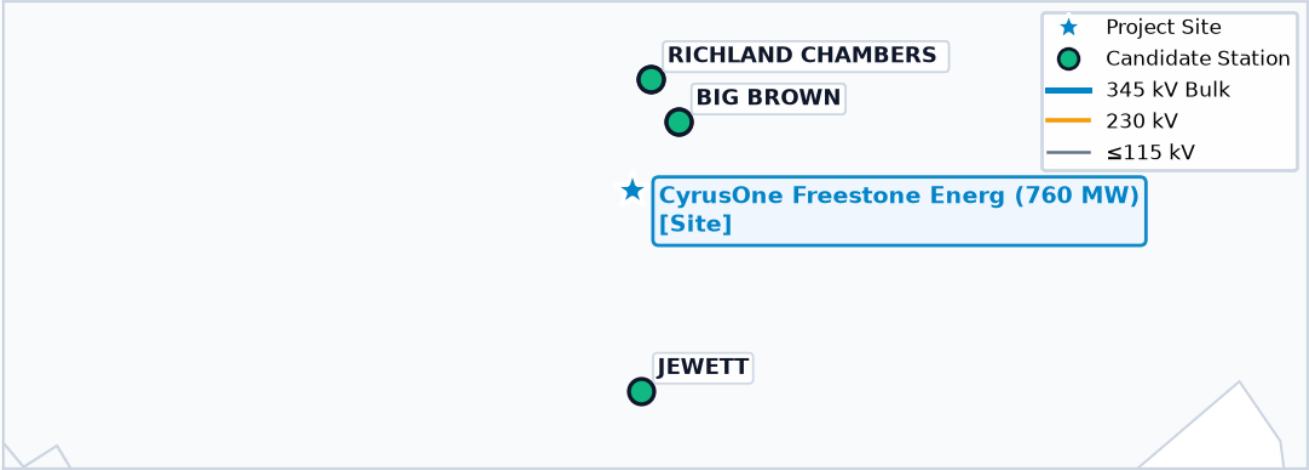
Energization Probability Waterfall (Base Prior: 35% → Final P(evt): 59%)



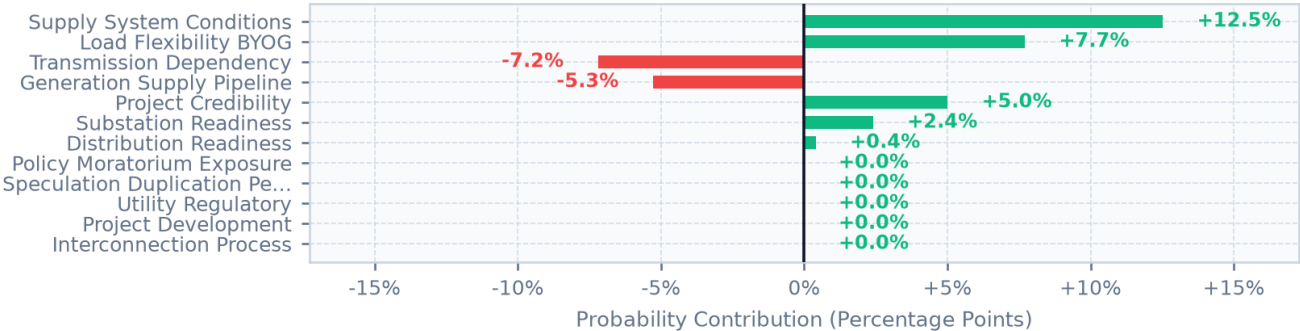
Developer / Sponsor	—
County / Municipality	Childress / —
Reliability Zone	Zone ERCOT_PANHANDLE
Electric Utility	AEP
Load Classification	Other large load
Expected Commercial Energization	2027-08-01
Point of Interconnection	—
Service Voltage	—
Study Stage	—

Flagship Profile: CyrusOne Freestone Energy Center Campus (1601d64a)

51% P(EVENTUAL) Commercial probability	760 MW REQUESTED MW Queue face-value	730 MW NET REALIZED MW Firm bulk draw	Utility study CRITICAL PATH Primary gating constraint
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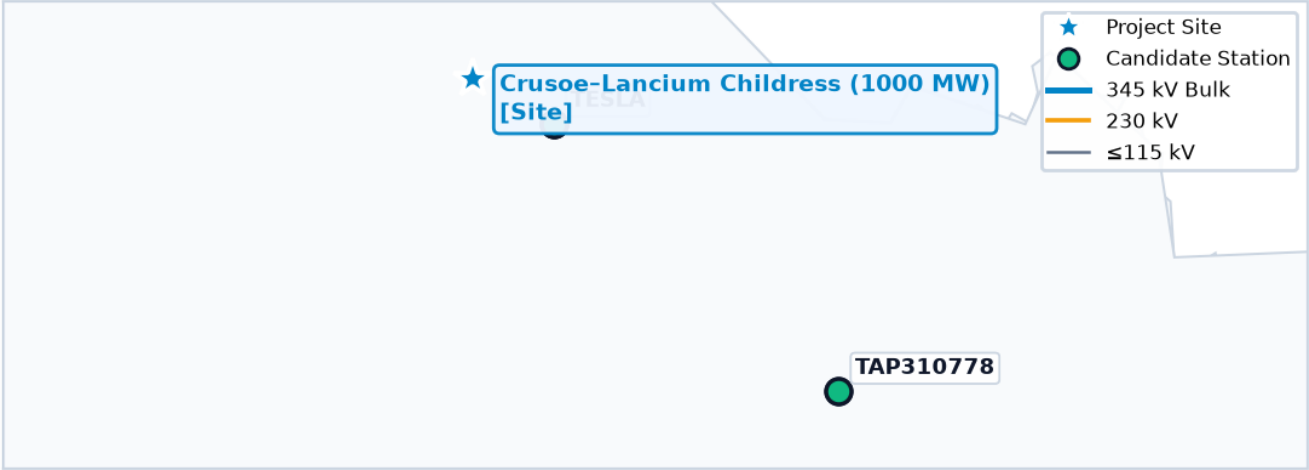
Energization Probability Waterfall (Base Prior: 35% → Final P(evt): 51%)



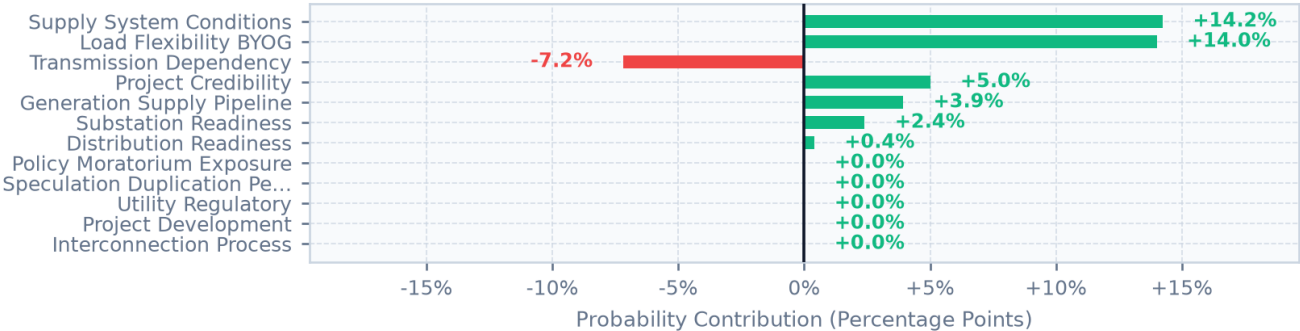
Developer / Sponsor	—
County / Municipality	Freestone County / —
Reliability Zone	Zone ERCOT_NORTH
Electric Utility	—
Load Classification	Other large load
Expected Commercial Energization	2027-08-01
Point of Interconnection	—
Service Voltage	—
Study Stage	—

Flagship Profile: Crusoe-Lancium Childress AI Campus (ebc5c168)

68% P(EVENTUAL) Commercial probability	1,000 MW REQUESTED MW Queue face-value	520 MW NET REALIZED MW Firm bulk draw	Utility study CRITICAL PATH Primary gating constraint
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Energization Probability Waterfall (Base Prior: 35% → Final P(evt): 68%)



Developer / Sponsor	—
County / Municipality	Childress / —
Reliability Zone	Zone ERCOT_PANHANDLE
Electric Utility	—
Load Classification	Other large load
Expected Commercial Energization	2027-08-01
Point of Interconnection	—
Service Voltage	—
Study Stage	—

Part VII: Substation Intelligence Catalog (All 1851 Nodes)

Complete technical catalog of all 1851 substations across the Electric Reliability Council of Texas (ERCOT) footprint. Substations are evaluated across high-voltage transmission interconnect capabilities, evidence strength tiers, screening readiness bands, and linked large-load interconnection pipeline pressure.

7.1 Priority Bulk Transmission Interconnection Hubs

The following substations represent the primary candidate nodes experiencing direct pipeline connection requests or serving as major 230 kV / 345 kV / 500 kV bulk transmission transfer hubs.

Substation Name	Zone	Utility	Voltage	Readiness	Linked Reqs	Linked Exp. MW	DER Hosting Cap
GIS-SUB-sci:TX:69kv	SOUTH	City Of San Marcos	69 kV	Minimal	3	8,050	None found
CAMP GARY	SOUTH	City Of San Marcos	69 kV	Minimal	3	8,050	None found
PECOS	WEST	RG&E;	69 kV	Minimal	5	6,468	None found
COCHISE	WEST	TNMP	69 kV	Minimal	5	4,702	None found
LANCASTER	NORTH	Hilco Electric Cooperative, Inc.	138 kV	Minimal	10	4,220	None found
CRANE GULF #2	WEST	Oncor	69 kV	Minimal	2	4,000	None found
HAYS ENERGY	SOUTH	Bluebonnet Electric Coop, Inc	345 kV	Minimal	4	3,650	None found
ZORN	SOUTH	Guadalupe Valley Elec Coop Inc	345 kV	Minimal	3	3,600	None found
YORK CREEK	SOUTH	Guadalupe Valley Elec Coop Inc	138 kV	Minimal	3	3,600	None found
SAN ANGELO RED CREEK	WEST	AEP	345 kV	Minimal	3	3,000	None found
TAP307888	WEST	AEP	138 kV	Minimal	3	3,000	None found
SUNSET NORTH	UNALLOCATED	El Paso Electric Co	115 kV	Minimal	3	3,000	None found
SANTA FE	UNALLOCATED	El Paso Electric Co	69 kV	Minimal	3	3,000	None found
SUNSET	UNALLOCATED	El Paso Electric Co	69 kV	Minimal	3	3,000	None found
DESOTO SW	NORTH	Oncor	345 kV	Minimal	6	2,520	None found
TAP308119	WEST	Coleman County Elec Coop, Inc	69 kV	Minimal	2	2,000	None found
WATERMILL	NORTH	Oncor	345 kV	Minimal	5	1,790	None found
SOUTHSIDE TAP	NORTH	Oncor	138 kV	Minimal	5	1,790	None found
TAP302628	PANHANDLE	City Of Lubbock	69 kV	Minimal	3	1,620	None found
BRANDON	PANHANDLE	City Of Lubbock	69 kV	Minimal	3	1,620	None found
TEXAS RESEARCH	SOUTH	Bandera Electric Coop, Inc	138 kV	Minimal	6	1,084	None found
CASTROVILLE	SOUTH	CPS Energy	138 kV	Minimal	6	1,084	None found
DESOTO PLEASANT RUN	NORTH	Hilco Electric Cooperative, Inc.	138 kV	Minimal	3	1,080	None found
GIS-SUB-sci:TX:115kv	PANHANDLE	Swisher Electric Coop, Inc	115 kV	Minimal	2	1,080	None found
CAGNON ROAD	SOUTH	CPS Energy	345 kV	Minimal	5	1,034	None found

Source: Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens (monitor.aixenergy.io).

7.2 Complete Substation Directory (1851 Nodes)

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
ADDICKS	HOUSTON	—	—	C	Limited	5	85
AIRLINE	HOUSTON	—	—	C	Limited	0	—
ALDEN	HOUSTON	—	—	C	Limited	0	—
ALDINE	HOUSTON	—	—	C	Limited	0	—
ALIEF	HOUSTON	—	—	D	Minimal	0	—
ALMEDA	HOUSTON	—	—	D	Minimal	0	—
ALTA LOMA	HOUSTON	—	—	D	Minimal	0	—
ALVIN	HOUSTON	—	—	C	Limited	0	—
ALVIN AUTO	HOUSTON	—	—	C	Limited	0	—
AMOCO	HOUSTON	—	—	C	Limited	0	—
ANGLETON	HOUSTON	—	—	C	Minimal	3	900
APACHE	HOUSTON	—	—	C	Limited	0	—
APRIL	HOUSTON	—	—	C	Limited	0	—
ARCOLA	HOUSTON	—	—	D	Minimal	0	—
ATASCOCITA	HOUSTON	—	—	D	Minimal	0	—
BAMMEL	HOUSTON	—	—	D	Minimal	1	100
BARKER	HOUSTON	—	—	C	Limited	0	—
BASF	HOUSTON	—	—	D	Minimal	0	—
BAYTOWN	HOUSTON	—	—	C	Limited	0	—
BAYTOWN ENERGY CENTER	HOUSTON	—	—	C	Limited	0	—
BAYWAY	HOUSTON	—	—	D	Minimal	0	—
BELLAIRE	HOUSTON	—	—	C	Minimal	5	205
BELLVILLE SOUTH	HOUSTON	—	—	D	Minimal	0	—
BENTWATER	HOUSTON	—	—	D	Minimal	0	—
BERRY	HOUSTON	—	—	C	Limited	0	—
BERTWOOD	HOUSTON	—	—	D	Minimal	0	—
BIG CREEK	HOUSTON	—	—	D	Minimal	0	—
BIPORT	HOUSTON	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
BLESSING	HOUSTON	—	—	C	Limited	0	—
BLODGETT	HOUSTON	—	—	D	Minimal	0	—
BLUERIDGE	HOUSTON	—	—	D	Minimal	0	—
BOBVILLE	HOUSTON	—	—	D	Minimal	0	—
BOOSTER	HOUSTON	—	—	D	Minimal	0	—
BRAYS	HOUSTON	—	—	D	Minimal	0	—
BRAZORIA	HOUSTON	—	—	C	Limited	0	—
BRAZOS VALLEY	HOUSTON	—	—	D	Minimal	0	—
BRAZOSPORT	HOUSTON	—	—	C	Limited	0	—
BRINGHURST	HOUSTON	—	—	C	Limited	0	—
BRITTMOORE	HOUSTON	—	—	C	Limited	0	—
BRYAN	HOUSTON	—	—	C	Limited	0	—
BUSCH	HOUSTON	—	—	C	Limited	0	—
CADDO	HOUSTON	—	—	C	Limited	0	—
CAMERON	HOUSTON	—	—	C	Limited	0	—
CAMPBELL	HOUSTON	—	—	D	Minimal	2	66
CANEY CREEK	HOUSTON	—	—	C	Limited	0	—
CARDIFF	HOUSTON	—	—	D	Minimal	0	—
CAVERN	HOUSTON	—	—	D	Minimal	0	—
CEDAR BAYOU	HOUSTON	—	—	C	Limited	0	—
CEDAR BAYOU PLANT	HOUSTON	—	—	C	Limited	0	—
CEDAR HILL SWITCHING	HOUSTON	—	—	C	Limited	0	—
CHAMBERS	HOUSTON	—	—	C	Limited	0	—
CHANNEL ENERGY CENTER	HOUSTON	—	—	C	Limited	0	—
CHANNELVIEW	HOUSTON	—	—	C	Limited	0	—
CHANNELVIEW COGEN	HOUSTON	—	—	D	Minimal	0	—
CHEROKEE	HOUSTON	—	—	C	Limited	0	—
CHOCOLATE BAYOU	HOUSTON	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
CLEAR LAKE	HOUSTON	—	—	D	Minimal	0	—
CLEAR LAKE	HOUSTON	—	—	D	Minimal	0	—
CLEAR LAKE POWER	HOUSTON	—	—	D	Minimal	0	—
CLEVELAND	HOUSTON	—	—	D	Minimal	0	—
CLINTON	HOUSTON	—	—	D	Minimal	0	—
CLODINE	HOUSTON	—	—	C	Limited	0	—
COLLEGE	HOUSTON	—	—	D	Minimal	0	—
COMMANCHE SWITCHING	HOUSTON	—	—	C	Limited	0	—
CONAIR	HOUSTON	—	—	C	Limited	0	—
CONROE BULK	HOUSTON	—	—	C	Limited	0	—
CRABB RIVER ROAD	HOUSTON	—	—	C	Limited	0	—
CROCKETT REIT	HOUSTON	—	—	C	Limited	0	—
CROSBY	HOUSTON	—	—	D	Minimal	0	—
CY-FAIR	HOUSTON	—	—	C	Limited	0	—
DAMON	HOUSTON	—	—	D	Minimal	0	—
DAVSON	HOUSTON	—	—	D	Minimal	0	—
DAYTON BULK	HOUSTON	—	—	D	Minimal	0	—
DEEPWATER	HOUSTON	—	—	C	Limited	0	—
DEER PARK	HOUSTON	—	—	C	Limited	0	—
DEER PARK ENERGY CENTER	HOUSTON	—	—	C	Limited	0	—
DEIHL	HOUSTON	—	—	D	Minimal	0	—
DEPOT	HOUSTON	—	—	C	Limited	0	—
DEWALT	HOUSTON	—	—	D	Minimal	0	—
DICKINSON	HOUSTON	—	—	D	Minimal	0	—
DOW VELASCO	HOUSTON	—	—	D	Minimal	0	—
DOWNTOWN	HOUSTON	—	—	C	Minimal	7	350
DROUET	HOUSTON	—	—	D	Minimal	0	—
DUNLAVY	HOUSTON	—	—	C	Limited	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
DUNVALE	HOUSTON	—	—	D	Minimal	0	—

Source: Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens (monitor.aixenergy.io).

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
EAST BERNARD	HOUSTON	—	—	D	Minimal	0	—
EASTSIDE	HOUSTON	—	—	C	Limited	0	—
ECHO	HOUSTON	—	—	D	Minimal	0	—
EL DORADO	HOUSTON	—	—	D	Minimal	0	—
ELLINGTON	HOUSTON	—	—	D	Minimal	0	—
EUREKA REIT	HOUSTON	—	—	D	Minimal	0	—
EXXON	HOUSTON	—	—	C	Limited	0	—
FAIRBANKS	HOUSTON	—	—	C	Limited	0	—
FAIRMONT	HOUSTON	—	—	D	Minimal	0	—
FISH CREEK	HOUSTON	—	—	C	Limited	0	—
FLEWELLEN	HOUSTON	—	—	C	Limited	0	—
FONDREN	HOUSTON	—	—	D	Minimal	0	—
FRANKLIN	HOUSTON	—	—	C	Minimal	7	350
FRANZ	HOUSTON	—	—	C	Minimal	10	476
FREEMAN	HOUSTON	—	—	C	Limited	0	—
FREEPORT	HOUSTON	—	—	D	Minimal	0	—
FREEWAY PARK	HOUSTON	—	—	D	Minimal	0	—
FRIENDSWOOD	HOUSTON	—	—	C	Limited	0	—
FRIENDSWOOD REIT	HOUSTON	—	—	D	Minimal	0	—
GABLE STREET	HOUSTON	—	—	C	Limited	0	—
GALENA PARK	HOUSTON	—	—	C	Limited	0	—
GALVESTON 26TH STREET	HOUSTON	—	—	D	Minimal	0	—
GARDEN VILLAS	HOUSTON	—	—	D	Minimal	0	—
GARROTT	HOUSTON	—	—	C	Limited	0	—
GEARS	HOUSTON	—	—	D	Minimal	4	200
GERTIE	HOUSTON	—	—	C	Limited	0	—
GIS-SUB-sci:TX:138kv	HOUSTON	—	—	C	Limited	0	—
GIS-SUB-sci:TX:345kv	HOUSTON	—	—	C	Limited	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
GLENWOOD	HOUSTON	—	—	C	Limited	0	—
GOODYEAR	HOUSTON	—	—	D	Minimal	0	—
GOSLING	HOUSTON	—	—	C	Limited	1	8
GRANT	HOUSTON	—	—	D	Minimal	0	—
GREENBELT	HOUSTON	—	—	C	Limited	0	—
GREENS BAYOU 345	HOUSTON	—	—	C	Limited	0	—
GREENS BAYOU 69	HOUSTON	—	—	C	Limited	0	—
GREENS ROAD	HOUSTON	—	—	D	Minimal	4	200
GULFGATE	HOUSTON	—	—	D	Minimal	0	—
H.O. CLARKE	HOUSTON	—	—	D	Minimal	0	—
HADEN	HOUSTON	—	—	C	Limited	0	—
HALL	HOUSTON	—	—	D	Minimal	0	—
HANEY REIT	HOUSTON	—	—	D	Minimal	0	—
HARDY REIT	HOUSTON	—	—	C	Limited	0	—
HARRISBURG	HOUSTON	—	—	D	Minimal	0	—
HASTINGS	HOUSTON	—	—	C	Limited	0	—
HAYES	HOUSTON	—	—	C	Limited	0	—
HEIGHTS	HOUSTON	—	—	C	Limited	0	—
HEIGHTS REIT	HOUSTON	—	—	C	Limited	0	—
HIGHLANDS	HOUSTON	—	—	C	Limited	0	—
HILLCROFT	HOUSTON	—	—	D	Minimal	0	—
HILLJE	HOUSTON	—	—	D	Minimal	0	—
HITCHCOCK	HOUSTON	—	—	D	Minimal	0	—
HOFMAN	HOUSTON	—	—	D	Minimal	0	—
HOLMES	HOUSTON	—	—	D	Minimal	0	—
HUMBLE	HOUSTON	—	—	D	Minimal	0	—
HUNTSVILLE	HOUSTON	—	—	D	Minimal	0	—
HYDE PARK	HOUSTON	—	—	C	Limited	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
IMPERIAL	HOUSTON	—	—	D	Minimal	0	—
INTERMEDIATE	HOUSTON	—	—	D	Minimal	0	—
ISP SWITCHING	HOUSTON	—	—	D	Minimal	0	—
JACINTO	HOUSTON	—	—	D	Minimal	0	—
JACINTOPORT	HOUSTON	—	—	C	Limited	0	—
JEANETTA	HOUSTON	—	—	D	Minimal	0	—
KATY	HOUSTON	—	—	C	Minimal	7	350
KEMAH	HOUSTON	—	—	D	Minimal	0	—
KING REIT	HOUSTON	—	—	D	Minimal	0	—
KINGWOOD	HOUSTON	—	—	D	Minimal	0	—
KIRBY REIT	HOUSTON	—	—	C	Minimal	5	205
KLEIN	HOUSTON	—	—	C	Limited	1	100
KLUGE	HOUSTON	—	—	D	Minimal	0	—
KNIGHT	HOUSTON	—	—	D	Minimal	0	—
KUYKENDAHL	HOUSTON	—	—	C	Limited	0	—
LA MARQUE	HOUSTON	—	—	C	Limited	0	—
LA PORTE	HOUSTON	—	—	D	Minimal	0	—
LAKE FORREST	HOUSTON	—	—	C	Limited	0	—
LAKE JACKSON	HOUSTON	—	—	C	Limited	0	—
LAUDER	HOUSTON	—	—	D	Minimal	0	—
LEAGUE CITY MAIN	HOUSTON	—	—	D	Minimal	0	—
LIBERTY	HOUSTON	—	—	C	Limited	0	—
LITTLE YORK	HOUSTON	—	—	D	Minimal	0	—
LIVERPOOL	HOUSTON	—	—	D	Minimal	0	—
LOCKWOOD	HOUSTON	—	—	D	Minimal	0	—
LOUETTA	HOUSTON	—	—	C	Limited	0	—
LYNCH	HOUSTON	—	—	C	Limited	0	—
LYONDELL	HOUSTON	—	—	C	Limited	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
MAGNOLIA	HOUSTON	—	—	D	Minimal	0	—

Source: Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens (monitor.aixenergy.io).

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
MAGNOLIA PARK	HOUSTON	—	—	D	Minimal	0	—
MANVEL	HOUSTON	—	—	C	Limited	0	—
MARKHAM	HOUSTON	—	—	D	Minimal	0	—
MARY'S CREEK	HOUSTON	—	—	D	Minimal	0	—
MASON ROAD	HOUSTON	—	—	C	Minimal	10	476
MEADOW	HOUSTON	—	—	C	Limited	0	—
MEMORIAL	HOUSTON	—	—	C	Limited	0	—
METRO	HOUSTON	—	—	C	Limited	1	8
MISSOURI CITY	HOUSTON	—	—	D	Minimal	0	—
MOODY REIT	HOUSTON	—	—	D	Minimal	0	—
MUSTANG BAYOU	HOUSTON	—	—	C	Limited	0	—
NASH	HOUSTON	—	—	C	Minimal	0	—
NEW GULF	HOUSTON	—	—	D	Minimal	1	50
NEWPORT REIT	HOUSTON	—	—	D	Minimal	0	—
NORMANDY	HOUSTON	—	—	C	Limited	0	—
NORTH ALVIN	HOUSTON	—	—	C	Limited	0	—
NORTH BELT	HOUSTON	—	—	D	Minimal	8	400
NORTHSIDE	HOUSTON	—	—	C	Limited	0	—
O'BRIEN	HOUSTON	—	—	C	Limited	0	—
OAK RIDGE	HOUSTON	—	—	C	Limited	1	8
OASIS	HOUSTON	—	—	C	Limited	0	—
OATES REIT	HOUSTON	—	—	C	Limited	0	—
ORCHARD	HOUSTON	—	—	D	Minimal	0	—
PALACIOS	HOUSTON	—	—	C	Limited	0	—
PARISH	HOUSTON	—	—	C	Limited	0	—
PASADENA	HOUSTON	—	—	D	Minimal	0	—
PEARLAND	HOUSTON	—	—	D	Minimal	0	—
PH ROBINSON	HOUSTON	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
PILGRIM	HOUSTON	—	—	D	Minimal	0	—
PINEHURST	HOUSTON	—	—	C	Limited	0	—
PLAZA	HOUSTON	—	—	D	Minimal	0	—
PLEDGER	HOUSTON	—	—	D	Minimal	0	—
POLK	HOUSTON	—	—	C	Minimal	7	350
PONDEROSA	HOUSTON	—	—	C	Limited	0	—
PORT	HOUSTON	—	—	C	Limited	0	—
PORTER	HOUSTON	—	—	C	Limited	0	—
PSARCO	HOUSTON	—	—	C	Limited	0	—
QUAIL VALLEY	HOUSTON	—	—	D	Minimal	0	—
QUINTANA	HOUSTON	—	—	D	Minimal	0	—
RACoon BEND	HOUSTON	—	—	D	Minimal	0	—
RAYFORD	HOUSTON	—	—	C	Limited	0	—
READING	HOUSTON	—	—	D	Minimal	0	—
RETRIEVE	HOUSTON	—	—	C	Minimal	2	600
RISER301174	HOUSTON	—	—	D	Minimal	0	—
RITTENHOUSE	HOUSTON	—	—	C	Limited	0	—
RITTENHOUSE TAP 1	HOUSTON	—	—	C	Limited	0	—
RITTENHOUSE TAP 2	HOUSTON	—	—	C	Limited	0	—
RIWOOD	HOUSTON	—	—	C	Limited	0	—
ROARK	HOUSTON	—	—	D	Minimal	0	—
ROSENBERG	HOUSTON	—	—	D	Minimal	0	—
ROSHARON	HOUSTON	—	—	C	Limited	0	—
ROTHWOOD	HOUSTON	—	—	C	Limited	0	—
SAN FELIPE	HOUSTON	—	—	C	Limited	0	—
SATSUMA	HOUSTON	—	—	C	Limited	3	20
SAUER	HOUSTON	—	—	C	Limited	0	—
SCENIC WOODS	HOUSTON	—	—	C	Limited	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
SEALY	HOUSTON	—	—	D	Minimal	0	—
SEAWAY	HOUSTON	—	—	D	Minimal	0	—
SEAWAY SW	HOUSTON	—	—	D	Minimal	0	—
SEMINOLE	HOUSTON	—	—	C	Limited	0	—
SHARPSTOWN	HOUSTON	—	—	D	Minimal	0	—
SHELDON MILLS	HOUSTON	—	—	D	Minimal	0	—
SHELL	HOUSTON	—	—	C	Limited	0	—
SIENNA	HOUSTON	—	—	D	Minimal	0	—
SINTEK	HOUSTON	—	—	D	Minimal	0	—
SMITHERS	HOUSTON	—	—	C	Limited	0	—
SOTEX5	HOUSTON	—	—	D	Minimal	0	—
SOUTH CHANNEL	HOUSTON	—	—	D	Minimal	0	—
SOUTH HOUSTON	HOUSTON	—	—	D	Minimal	0	—
SOUTH LANE CITY	HOUSTON	—	—	D	Minimal	0	—
SOUTHWYCK	HOUSTON	—	—	D	Minimal	0	—
SPENCER REIT	HOUSTON	—	—	D	Minimal	0	—
SR BERTRON PLANT	HOUSTON	—	—	C	Limited	0	—
STADIUM REIT	HOUSTON	—	—	D	Minimal	0	—
STAFFORD	HOUSTON	—	—	D	Minimal	0	—
STEWART	HOUSTON	—	—	D	Minimal	0	—
STRATT	HOUSTON	—	—	C	Limited	0	—
STRAWBERRY BELT	HOUSTON	—	—	D	Minimal	0	—
SURFSIDE	HOUSTON	—	—	D	Minimal	0	—
SWEENY	HOUSTON	—	—	D	Minimal	0	—
TAP302416	HOUSTON	—	—	C	Limited	0	—
TAP302429	HOUSTON	—	—	C	Limited	0	—
TAP302431	HOUSTON	—	—	D	Minimal	0	—
TAP302451	HOUSTON	—	—	C	Limited	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
TAP302458	HOUSTON	—	—	C	Limited	0	—

Source: Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens (monitor.aixenergy.io).

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
TAP302462	HOUSTON	—	—	C	Limited	0	—
TAP302468	HOUSTON	—	—	C	Limited	0	—
TAP302472	HOUSTON	—	—	D	Minimal	0	—
TAP302481	HOUSTON	—	—	D	Minimal	0	—
TAP302495	HOUSTON	—	—	D	Minimal	0	—
TAP302496	HOUSTON	—	—	C	Limited	0	—
TAP302522	HOUSTON	—	—	C	Limited	0	—
TAP302525	HOUSTON	—	—	C	Limited	0	—
TAP302535	HOUSTON	—	—	D	Minimal	8	400
TAP302538	HOUSTON	—	—	C	Limited	0	—
TAP302545	HOUSTON	—	—	D	Minimal	0	—
TAP302554	HOUSTON	—	—	C	Limited	0	—
TAP302556	HOUSTON	—	—	D	Minimal	0	—
TAP302558	HOUSTON	—	—	D	Minimal	0	—
TAP302566	HOUSTON	—	—	D	Minimal	0	—
TAP302570	HOUSTON	—	—	C	Limited	0	—
TAP302571	HOUSTON	—	—	D	Minimal	0	—
TAP302579	HOUSTON	—	—	C	Limited	0	—
TAP302586	HOUSTON	—	—	C	Limited	0	—
TAP302594	HOUSTON	—	—	C	Limited	0	—
TAP302618	HOUSTON	—	—	D	Minimal	0	—
TAP302642	HOUSTON	—	—	C	Limited	0	—
TAP302652	HOUSTON	—	—	D	Minimal	0	—
TAP302655	HOUSTON	—	—	C	Limited	0	—
TAP302659	HOUSTON	—	—	D	Minimal	0	—
TAP302665	HOUSTON	—	—	D	Minimal	0	—
TAP302671	HOUSTON	—	—	C	Limited	0	—
TAP302683	HOUSTON	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
TAP302686	HOUSTON	—	—	D	Minimal	0	—
TAP302695	HOUSTON	—	—	C	Limited	0	—
TAP302738	HOUSTON	—	—	C	Limited	0	—
TAP302748	HOUSTON	—	—	C	Limited	0	—
TAP302753	HOUSTON	—	—	D	Minimal	0	—
TAP305117	HOUSTON	—	—	C	Limited	0	—
TAP305121	HOUSTON	—	—	C	Limited	0	—
TAP305124	HOUSTON	—	—	C	Limited	0	—
TAP305134	HOUSTON	—	—	C	Limited	0	—
TAP305137	HOUSTON	—	—	D	Minimal	0	—
TAP305139	HOUSTON	—	—	C	Limited	0	—
TAP305157	HOUSTON	—	—	C	Limited	0	—
TAP305163	HOUSTON	—	—	D	Minimal	0	—
TAP305173	HOUSTON	—	—	D	Minimal	0	—
TAP305191	HOUSTON	—	—	C	Limited	0	—
TAP305199	HOUSTON	—	—	D	Minimal	0	—
TAP305233	HOUSTON	—	—	D	Minimal	0	—
TAP305234	HOUSTON	—	—	D	Minimal	0	—
TAP305251	HOUSTON	—	—	C	Limited	0	—
TAP305258	HOUSTON	—	—	C	Limited	0	—
TAP305260	HOUSTON	—	—	D	Minimal	0	—
TAP305286	HOUSTON	—	—	D	Minimal	0	—
TAP305288	HOUSTON	—	—	D	Minimal	0	—
TAP305292	HOUSTON	—	—	D	Minimal	0	—
TAP305301	HOUSTON	—	—	C	Limited	0	—
TAP305310	HOUSTON	—	—	D	Minimal	0	—
TAP305312	HOUSTON	—	—	C	Limited	0	—
TAP305320	HOUSTON	—	—	C	Limited	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
TAP305321	HOUSTON	—	—	C	Limited	0	—
TAP305322	HOUSTON	—	—	C	Limited	0	—
TAP305352	HOUSTON	—	—	C	Limited	0	—
TAP305361	HOUSTON	—	—	D	Minimal	0	—
TAP305366	HOUSTON	—	—	C	Limited	0	—
TAP305373	HOUSTON	—	—	C	Limited	0	—
TAP305398	HOUSTON	—	—	C	Limited	0	—
TAP305405	HOUSTON	—	—	D	Minimal	0	—
TAP305419	HOUSTON	—	—	C	Limited	0	—
TAP305423	HOUSTON	—	—	D	Minimal	0	—
TAP305440	HOUSTON	—	—	C	Limited	0	—
TAP305448	HOUSTON	—	—	C	Limited	0	—
TAP305451	HOUSTON	—	—	D	Minimal	0	—
TAP305452	HOUSTON	—	—	D	Minimal	0	—
TAP305454	HOUSTON	—	—	C	Limited	0	—
TAP307841	HOUSTON	—	—	C	Limited	0	—
TAP307842	HOUSTON	—	—	D	Minimal	0	—
TAP307851	HOUSTON	—	—	C	Limited	0	—
TAP307858	HOUSTON	—	—	C	Limited	0	—
TAP307887	HOUSTON	—	—	C	Limited	0	—
TAP307891	HOUSTON	—	—	C	Limited	0	—
TAP307909	HOUSTON	—	—	C	Limited	0	—
TAP307912	HOUSTON	—	—	C	Limited	0	—
TAP307921	HOUSTON	—	—	C	Limited	0	—
TAP307922	HOUSTON	—	—	C	Limited	0	—
TAP307924	HOUSTON	—	—	C	Limited	0	—
TAP307927	HOUSTON	—	—	C	Limited	0	—
TAP307936	HOUSTON	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
TAP307966	HOUSTON	—	—	C	Limited	0	—

Source: Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens (monitor.aixenergy.io).

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
TAP307968	HOUSTON	—	—	D	Minimal	0	—
TAP307990	HOUSTON	—	—	D	Minimal	0	—
TAP307994	HOUSTON	—	—	D	Minimal	0	—
TAP308005	HOUSTON	—	—	D	Minimal	0	—
TAP308009	HOUSTON	—	—	C	Limited	0	—
TAP308010	HOUSTON	—	—	D	Minimal	0	—
TAP308017	HOUSTON	—	—	C	Limited	0	—
TAP308029	HOUSTON	—	—	D	Minimal	0	—
TAP308032	HOUSTON	—	—	D	Minimal	0	—
TAP308051	HOUSTON	—	—	D	Minimal	0	—
TAP308059	HOUSTON	—	—	C	Limited	0	—
TAP308069	HOUSTON	—	—	C	Limited	0	—
TAP308070	HOUSTON	—	—	D	Minimal	0	—
TAP308080	HOUSTON	—	—	C	Limited	0	—
TAP308082	HOUSTON	—	—	D	Minimal	0	—
TAP308099	HOUSTON	—	—	C	Limited	0	—
TAP308129	HOUSTON	—	—	D	Minimal	0	—
TAP308135	HOUSTON	—	—	C	Limited	0	—
TAP308136	HOUSTON	—	—	D	Minimal	0	—
TAP308141	HOUSTON	—	—	D	Minimal	0	—
TAP308143	HOUSTON	—	—	C	Limited	0	—
TAP308153	HOUSTON	—	—	C	Limited	0	—
TAP308159	HOUSTON	—	—	C	Minimal	5	205
TAP308164	HOUSTON	—	—	D	Minimal	0	—
TAP310546	HOUSTON	—	—	D	Minimal	0	—
TAP310586	HOUSTON	—	—	C	Limited	0	—
TAP310601	HOUSTON	—	—	D	Minimal	0	—
TAP310612	HOUSTON	—	—	C	Limited	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
TAP310614	HOUSTON	—	—	C	Limited	0	—
TAP310621	HOUSTON	—	—	D	Minimal	0	—
TAP310625	HOUSTON	—	—	C	Limited	0	—
TAP310629	HOUSTON	—	—	C	Limited	0	—
TAP310633	HOUSTON	—	—	D	Minimal	0	—
TAP310651	HOUSTON	—	—	C	Limited	0	—
TAP310677	HOUSTON	—	—	D	Minimal	0	—
TAP310686	HOUSTON	—	—	D	Minimal	0	—
TAP310700	HOUSTON	—	—	C	Limited	0	—
TAP310701	HOUSTON	—	—	C	Limited	0	—
TAP310703	HOUSTON	—	—	D	Minimal	0	—
TAP310706	HOUSTON	—	—	D	Minimal	0	—
TAP310718	HOUSTON	—	—	D	Minimal	0	—
TAP310725	HOUSTON	—	—	D	Minimal	0	—
TAP310750	HOUSTON	—	—	D	Minimal	0	—
TAP310756	HOUSTON	—	—	D	Minimal	0	—
TAP310772	HOUSTON	—	—	D	Minimal	0	—
TAP310781	HOUSTON	—	—	C	Limited	0	—
TAP310782	HOUSTON	—	—	C	Limited	0	—
TAP310784	HOUSTON	—	—	D	Minimal	0	—
TAP310790	HOUSTON	—	—	D	Minimal	1	410
TAP310794	HOUSTON	—	—	D	Minimal	0	—
TAP310802	HOUSTON	—	—	C	Limited	0	—
TAP310803	HOUSTON	—	—	C	Limited	0	—
TAP310850	HOUSTON	—	—	C	Limited	5	85
TAP310862	HOUSTON	—	—	D	Minimal	0	—
TAP310865	HOUSTON	—	—	C	Limited	0	—
TAP310867	HOUSTON	—	—	C	Limited	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
TAP310876	HOUSTON	—	—	D	Minimal	0	—
TAP310879	HOUSTON	—	—	D	Minimal	0	—
TAYLOR	HOUSTON	—	—	C	Limited	0	—
TC WATER	HOUSTON	—	—	C	Limited	0	—
TEJAS	HOUSTON	—	—	C	Limited	0	—
TELEPHONE	HOUSTON	—	—	D	Minimal	0	—
TELVIEW	HOUSTON	—	—	D	Minimal	0	—
TEXAS CITY MAIN	HOUSTON	—	—	C	Limited	0	—
TEXAS INSTRUMENTS	HOUSTON	—	—	D	Minimal	0	—
TH WHARTON POWER PLANT	HOUSTON	—	—	D	Minimal	1	100
THOMPSONS	HOUSTON	—	—	C	Limited	0	—
TIKI ISLAND	HOUSTON	—	—	D	Minimal	0	—
TODD	HOUSTON	—	—	D	Minimal	0	—
TOMBALL	HOUSTON	—	—	C	Limited	0	—
TREASCHWIG	HOUSTON	—	—	C	Limited	0	—
TRINITY BAY	HOUSTON	—	—	D	Minimal	0	—
ULRICH	HOUSTON	—	—	D	Minimal	0	—
UNDERWOOD	HOUSTON	—	—	C	Limited	0	—
UNIVERSITY	HOUSTON	—	—	D	Minimal	0	—
UVALDE REIT	HOUSTON	—	—	C	Limited	0	—
VELASCO	HOUSTON	—	—	D	Minimal	0	—
W.A. PARISH (138KV)	HOUSTON	—	—	C	Limited	0	—
WALDEN	HOUSTON	—	—	C	Limited	0	—
WALLIS	HOUSTON	—	—	D	Minimal	0	—
WALLISVILLE	HOUSTON	—	—	C	Limited	0	—
WARVUE	HOUSTON	—	—	C	Limited	0	—
WEBSTER	HOUSTON	—	—	D	Minimal	0	—
WEST GALVESTON	HOUSTON	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
WESTBAY	HOUSTON	—	—	D	Minimal	0	—

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Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
WESTCHASE	HOUSTON	—	—	D	Minimal	0	—
WESTFIELD	HOUSTON	—	—	C	Limited	0	—
WESTHEIMER	HOUSTON	—	—	C	Limited	0	—
WESTWOOD	HOUSTON	—	—	D	Minimal	0	—
WHARTON	HOUSTON	—	—	D	Minimal	0	—
WHITE OAK	HOUSTON	—	—	D	Minimal	0	—
WIRT	HOUSTON	—	—	D	Minimal	0	—
WITTER	HOUSTON	—	—	C	Limited	0	—
WOODCREEK	HOUSTON	—	—	C	Limited	0	—
ZENITH	HOUSTON	—	—	C	Minimal	0	—
800/900 NETWORK	NORTH	—	—	C	Limited	0	—
A EAST TERM	NORTH	—	—	D	Minimal	0	—
A WEST TERM	NORTH	—	—	D	Minimal	0	—
ABBOTT	NORTH	—	—	D	Minimal	0	—
ABRAMS RD	NORTH	—	—	C	Limited	0	—
ADAMS BAYOU	NORTH	—	—	D	Minimal	0	—
ADDISON	NORTH	—	—	C	Limited	1	50
AIRPORT-D EAST #1	NORTH	—	—	D	Minimal	0	—
AIRPORT-D EAST #2	NORTH	—	—	D	Minimal	0	—
ALLEN SWITCHING	NORTH	—	—	C	Minimal	6	219
ALLIANCE	NORTH	—	—	D	Minimal	1	70
ALPHA ROAD	NORTH	—	—	C	Limited	0	—
ALVARADO	NORTH	—	—	D	Minimal	0	—
AMELIA BULK	NORTH	—	—	D	Minimal	0	—
AMELIA ST	NORTH	—	—	C	Limited	0	—
ANNA	NORTH	—	—	D	Minimal	0	—
APOLLO	NORTH	—	—	C	Minimal	3	372
ARCHIE	NORTH	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
ARCO SUBSTATION	NORTH	—	—	C	Limited	0	—
ARGYLE SWITCH	NORTH	—	—	C	Limited	0	—
ARMSTRONG	NORTH	—	—	C	Limited	0	—
AUBREY	NORTH	—	—	C	Limited	0	—
AZLE	NORTH	—	—	D	Minimal	0	—
BALCH SPRINGS	NORTH	—	—	D	Minimal	0	—
BANDERA	NORTH	—	—	D	Minimal	0	—
BEDFORD	NORTH	—	—	D	Minimal	0	—
BEN DAVIS	NORTH	—	—	C	Limited	0	—
BENBROOK	NORTH	—	—	D	Minimal	1	50
BEVIL	NORTH	—	—	D	Minimal	0	—
BIG BROWN	NORTH	—	—	C	Minimal	0	—
BLACKSTONE	NORTH	—	—	D	Minimal	0	—
BLACKWELL STREET	NORTH	—	—	C	Limited	0	—
BLANCO	NORTH	—	—	D	Minimal	0	—
BOBTOWN RD	NORTH	—	—	C	Limited	0	—
BOERNE	NORTH	—	—	D	Minimal	0	—
BONNIE BRAE	NORTH	—	—	C	Limited	0	—
BOSQUE	NORTH	—	—	D	Minimal	1	50
BOSQUE ENERGY CENTER	NORTH	—	—	D	Minimal	1	50
BRAND	NORTH	—	—	C	Limited	1	43
BRIAR	NORTH	—	—	D	Minimal	0	—
BRIARCLIFF	NORTH	—	—	D	Minimal	0	—
BRIDGES	NORTH	—	—	D	Minimal	3	95
BROWN	NORTH	—	—	D	Minimal	0	—
BRYAN AVENUE	NORTH	—	—	D	Minimal	0	—
BRYAN ST	NORTH	—	—	C	Limited	2	100
BUNTIN DR	NORTH	—	—	C	Limited	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
BURT STREET 138KV	NORTH	—	—	D	Minimal	0	—
CALMONT	NORTH	—	—	D	Minimal	1	50
CALUMET	NORTH	—	—	C	Limited	0	—
CAMP WISDOM RD	NORTH	—	—	C	Limited	0	—
CARGILL WIRE	NORTH	—	—	D	Minimal	0	—
CARROL STREET PARK 138KV	NORTH	—	—	D	Minimal	0	—
CARROLLTON COUNTRY CLUB	NORTH	—	—	C	Limited	1	50
CARROLLTON FRANKFORD	NORTH	—	—	D	Minimal	1	50
CARROLLTON-JOSEY LANE	NORTH	—	—	D	Minimal	0	—
CARROLLTON-TARPLEY ROAD	NORTH	—	—	D	Minimal	1	50
CARROLLTON-UPFIELD	NORTH	—	—	C	Limited	0	—
CASTLE	NORTH	—	—	C	Limited	0	—
CEDAR CREST	NORTH	—	—	C	Limited	0	—
CEDAR CREST SW	NORTH	—	—	C	Limited	0	—
CEDAR HILL	NORTH	—	—	C	Limited	0	—
CEDAR HILL SW	NORTH	—	—	D	Minimal	0	—
CEDAR TAP	NORTH	—	—	C	Limited	0	—
CENTERPOINT	NORTH	—	—	D	Minimal	0	—
CENTERVILLE	NORTH	—	—	C	Limited	0	—
CENTERVILLE RD	NORTH	—	—	C	Limited	0	—
CENTERVILLE SW	NORTH	—	—	C	Limited	0	—
CHANCELLOR ROW	NORTH	—	—	C	Limited	2	54
CHEEK	NORTH	—	—	D	Minimal	0	—
CHINA	NORTH	—	—	D	Minimal	0	—
CICO	NORTH	—	—	D	Minimal	0	—
CLEBURNE	NORTH	—	—	D	Minimal	0	—
COCKRELL HILL	NORTH	—	—	C	Limited	0	—
COLLEYVILLE	NORTH	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
COLLIN	NORTH	—	—	D	Minimal	0	—

Source: Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens (monitor.aixenergy.io).

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
COLLVILLE	NORTH	—	—	C	Limited	0	—
COMANCHE PEAK	NORTH	—	—	D	Minimal	1	1,000
COMBINE (KCEC)	NORTH	—	—	C	Limited	0	—
COMFORT	NORTH	—	—	D	Minimal	0	—
COMPTON ST	NORTH	—	—	C	Limited	0	—
COOPER CREEK	NORTH	—	—	C	Limited	0	—
COPPELL SWITCHING STATION	NORTH	—	—	D	Minimal	2	76
CORDREY	NORTH	—	—	D	Minimal	0	—
CORINTH	NORTH	—	—	C	Limited	0	—
COW	NORTH	—	—	D	Minimal	0	—
CRANDALL	NORTH	—	—	C	Minimal	3	324
CRIST ROAD	NORTH	—	—	C	Limited	1	43
CROCKETT	NORTH	—	—	D	Minimal	0	—
CROWN ROAD	NORTH	—	—	C	Limited	0	—
CUSTER	NORTH	—	—	D	Minimal	0	—
CYPRESS	NORTH	—	—	D	Minimal	0	—
CYPRESS CREEK	NORTH	—	—	D	Minimal	0	—
DANIELDALE	NORTH	—	—	C	Limited	0	—
DAVIS ST.	NORTH	—	—	C	Limited	0	—
DEADEND306625	NORTH	—	—	D	Minimal	0	—
DEALEY ST	NORTH	—	—	C	Limited	0	—
DECATUR	NORTH	—	—	D	Minimal	0	—
DECORDOVA	NORTH	—	—	D	Minimal	0	—
DEKALB	NORTH	—	—	D	Minimal	0	—
DENTON DR	NORTH	—	—	C	Limited	1	50
DENTON DR	NORTH	—	—	C	Limited	1	50
DENTON DR TAP	NORTH	—	—	C	Limited	1	50
DENTON NORTH INTERCHANGE	NORTH	—	—	C	Limited	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
DENTON WEST INTERCHANGE	NORTH	—	—	C	Limited	0	—
DESOTO HAMPTON RD	NORTH	—	—	C	Limited	0	—
DESOTO PLEASANT RUN	NORTH	—	—	C	Minimal	3	1,080
DESOTO SW	NORTH	—	—	C	Minimal	6	2,520
DIANA	NORTH	—	—	D	Minimal	0	—
DOUCETTE	NORTH	—	—	D	Minimal	0	—
DRAGON ST	NORTH	—	—	C	Limited	0	—
DUCK CREEK WASTEWATER TREATMENT PLANT	NORTH	—	—	C	Limited	0	—
DUNCANVILLE	NORTH	—	—	C	Limited	0	—
DUVAL	NORTH	—	—	D	Minimal	0	—
EAGLE FORD	NORTH	—	—	D	Minimal	0	—
EAGLE MOUNTAIN	NORTH	—	—	D	Minimal	0	—
EAGLE MOUNTAIN	NORTH	—	—	D	Minimal	0	—
EAST LEVEE	NORTH	—	—	C	Limited	0	—
EAST MESQUITE	NORTH	—	—	D	Minimal	0	—
EAST NETWORK	NORTH	—	—	C	Limited	2	100
EAST RICHARDSON SWITCHING STATION	NORTH	—	—	C	Limited	4	200
EAST ZACHA	NORTH	—	—	C	Limited	0	—
EDISON	NORTH	—	—	D	Minimal	0	—
ELIZABETH CREEK	NORTH	—	—	D	Minimal	1	70
ELM MOTT	NORTH	—	—	D	Minimal	1	50
ELM MOTT 345	NORTH	—	—	D	Minimal	0	—
EMPIRE CENTRAL	NORTH	—	—	C	Limited	2	54
EULESS	NORTH	—	—	D	Minimal	0	—
EULESS SOUTH	NORTH	—	—	D	Minimal	0	—
EVADALE	NORTH	—	—	D	Minimal	0	—
EVERMAN	NORTH	—	—	D	Minimal	0	—
FAIR OAKS	NORTH	—	—	A	Moderate	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
FAIRDALE	NORTH	—	—	C	Limited	0	—
FAIRMOUNT	NORTH	—	—	C	Limited	0	—
FARMERS BRANCH GILLIS	NORTH	—	—	C	Limited	0	—
FARMERSVILLE	NORTH	—	—	D	Minimal	0	—
FARON STREET	NORTH	—	—	D	Minimal	0	—
FIREWHEEL	NORTH	—	—	C	Minimal	8	613
FISH CREEK 138	NORTH	—	—	D	Minimal	0	—
FISH CREEK 69	NORTH	—	—	D	Minimal	0	—
FLETCHER	NORTH	—	—	D	Minimal	0	—
FOREST GROVE	NORTH	—	—	D	Minimal	0	—
FOREST HILL	NORTH	—	—	D	Minimal	0	—
FOREST HILL SWITCHING STATION	NORTH	—	—	D	Minimal	0	—
FORK CREEK	NORTH	—	—	D	Minimal	0	—
FORNEY SW	NORTH	—	—	C	Minimal	0	—
FORT WORTH	NORTH	—	—	C	Limited	0	—
FRISCO	NORTH	—	—	D	Minimal	0	—
FRONT STREET	NORTH	—	—	D	Minimal	0	—
GALLIER CO	NORTH	—	—	D	Minimal	0	—
GARLAND	NORTH	—	—	C	Limited	0	—
GENERAL DYNAMICS	NORTH	—	—	D	Minimal	0	—
GIBBONS CREEK	NORTH	—	—	C	Limited	0	—
GILLESPIE	NORTH	—	—	D	Minimal	0	—
GIS-SUB-sci:TX:500kv	NORTH	—	—	D	Minimal	0	—
GRAND PRAIRIE	NORTH	—	—	D	Minimal	0	—
GRANDVIEW TMPP	NORTH	—	—	D	Minimal	0	—
GRAPEVINE BALL STREET	NORTH	—	—	D	Minimal	0	—
GREENVILLE AVE	NORTH	—	—	C	Limited	0	—
GRIMES	NORTH	—	—	C	Limited	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
GULFWAY	NORTH	—	—	D	Minimal	0	—

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Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
HAMPTON RD	NORTH	—	—	C	Limited	0	—
HANKS	NORTH	—	—	D	Minimal	0	—
HARTBURG	NORTH	—	—	D	Minimal	0	—
HASKELL AVE	NORTH	—	—	C	Limited	0	—
HEBRON	NORTH	—	—	D	Minimal	0	—
HEBRON ROSEMEADE	NORTH	—	—	D	Minimal	0	—
HELBIG	NORTH	—	—	D	Minimal	0	—
HEMPHILL	NORTH	—	—	D	Minimal	0	—
HICKORY	NORTH	—	—	C	Minimal	2	524
HICKS	NORTH	—	—	D	Minimal	1	50
HIGHLAND	NORTH	—	—	C	Limited	0	—
HILLSBORO	NORTH	—	—	D	Minimal	0	—
HONEY	NORTH	—	—	D	Minimal	0	—
HUTCHINS	NORTH	—	—	C	Limited	0	—
INDUSTRIAL	NORTH	—	—	C	Limited	0	—
INDUSTRIAL BOULEVARD SW	NORTH	—	—	C	Limited	0	—
IRVING	NORTH	—	—	D	Minimal	1	50
IRVING BELT LINE	NORTH	—	—	D	Minimal	0	—
IRVING GRANT ST	NORTH	—	—	C	Limited	1	50
IRVING HUNTER FERRELL	NORTH	—	—	D	Minimal	0	—
ITASCA	NORTH	—	—	D	Minimal	0	—
JACK COUNTY	NORTH	—	—	D	Minimal	0	—
JACK CREEK	NORTH	—	—	D	Minimal	0	—
JACKSBORO	NORTH	—	—	D	Minimal	0	—
JASPER	NORTH	—	—	D	Minimal	0	—
JEWETT	NORTH	—	—	D	Minimal	0	—
JIM CRISTAL	NORTH	—	—	C	Limited	0	—
JIM MILLER PUMP	NORTH	—	—	C	Limited	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
JOHNSON	NORTH	—	—	D	Minimal	0	—
JONES STREET	NORTH	—	—	D	Minimal	0	—
JOSHUA	NORTH	—	—	D	Minimal	0	—
KEENE	NORTH	—	—	D	Minimal	0	—
KELLER WALL PRICE	NORTH	—	—	D	Minimal	0	—
KENDALL	NORTH	—	—	D	Minimal	0	—
KERRVILLE LEGION	NORTH	—	—	D	Minimal	0	—
KILLEEN	NORTH	—	—	D	Minimal	0	—
KINGS ROW	NORTH	—	—	C	Limited	0	—
KIRBYVILLE	NORTH	—	—	D	Minimal	0	—
KIRBYVILLE	NORTH	—	—	D	Minimal	0	—
KIRKLAND PARK	NORTH	—	—	C	Limited	0	—
KLEBURG	NORTH	—	—	C	Limited	0	—
KNOLL TRAIL	NORTH	—	—	D	Minimal	0	—
KOLBS	NORTH	—	—	D	Minimal	0	—
KOUNTZE BULK	NORTH	—	—	D	Minimal	0	—
KRUGERVILLE	NORTH	—	—	C	Limited	0	—
KRUM TAP SWITCH	NORTH	—	—	C	Limited	0	—
LAKE CREEK	NORTH	—	—	D	Minimal	0	—
LAKE HUBBARD	NORTH	—	—	C	Limited	0	—
LAKE HUBBARD PUMP STATION	NORTH	—	—	C	Limited	0	—
LAKE HUBBARD SES	NORTH	—	—	C	Limited	0	—
LAKE JUNE PUMP	NORTH	—	—	C	Limited	0	—
LAKEMONT	NORTH	—	—	C	Limited	0	—
LANCASTER	NORTH	—	—	C	Minimal	10	4,220
LAS COLINAS	NORTH	—	—	C	Limited	0	—
LAWSON RD	NORTH	—	—	C	Limited	0	—
LAWTHER DR	NORTH	—	—	C	Limited	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
LEACH	NORTH	—	—	D	Minimal	0	—
LEBANON	NORTH	—	—	D	Minimal	2	45
LEWISVILLE SWITCH	NORTH	—	—	D	Minimal	0	—
LIGGETT	NORTH	—	—	D	Minimal	1	16
LILLIAN	NORTH	—	—	D	Minimal	0	—
LOCUST	NORTH	—	—	C	Minimal	2	524
LOMBARDY LN	NORTH	—	—	C	Limited	0	—
LOMO ALTO	NORTH	—	—	C	Limited	0	—
LOVE BIRD	NORTH	—	—	C	Limited	0	—
LYONS	NORTH	—	—	C	Limited	0	—
MAPLE AVE	NORTH	—	—	C	Limited	0	—
MARQUIS	NORTH	—	—	C	Limited	0	—
MARTIN LAKES	NORTH	—	—	D	Minimal	0	—
MASON CREEK	NORTH	—	—	D	Minimal	0	—
MASON SWITCHING STATION	NORTH	—	—	D	Minimal	0	—
MATILDA	NORTH	—	—	C	Limited	0	—
MCCREE	NORTH	—	—	C	Limited	0	—
MCKAMY	NORTH	—	—	D	Minimal	0	—
MCKINNEY	NORTH	—	—	C	Limited	0	—
MEDILL TERM	NORTH	—	—	C	Limited	0	—
MEDINA LAKE	NORTH	—	—	C	Limited	0	—
MEEKER	NORTH	—	—	D	Minimal	0	—
MENGER CREEK	NORTH	—	—	D	Minimal	0	—
MERTENS	NORTH	—	—	D	Minimal	1	50
MESQUITE	NORTH	—	—	C	Limited	0	—
MESQUITE FORNEY RD	NORTH	—	—	C	Limited	0	—
MESQUITE TOWN EAST	NORTH	—	—	C	Limited	0	—
MESQUITE WESTERN ELECTRIC	NORTH	—	—	C	Limited	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
MID COUNTY	NORTH	—	—	D	Minimal	0	—

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Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
MIDLOTHIAN ENERGY FACILITY	NORTH	—	—	D	Minimal	0	—
MIDLOTHIAN SOUTH	NORTH	—	—	D	Minimal	0	—
MILL CREEK	NORTH	—	—	D	Minimal	0	—
MILLER	NORTH	—	—	C	Limited	0	—
MILLER CREEK	NORTH	—	—	D	Minimal	0	—
MISTLETOE HEIGHTS	NORTH	—	—	D	Minimal	0	—
MORRISON LANE	NORTH	—	—	C	Limited	0	—
MOUNTAIN CREEK SES	NORTH	—	—	C	Limited	0	—
MOUNTAIN TOP	NORTH	—	—	D	Minimal	0	—
MURDOCK RD	NORTH	—	—	C	Limited	0	—
NACOGDOCHES	NORTH	—	—	D	Minimal	0	—
NAVO	NORTH	—	—	D	Minimal	0	—
NE IRVING	NORTH	—	—	C	Limited	1	50
NEW KINGS ROW	NORTH	—	—	C	Limited	0	—
NEWTON BULK	NORTH	—	—	D	Minimal	0	—
NORTH CLEBURNE	NORTH	—	—	D	Minimal	0	—
NORTH HAVEN SWITCHING	NORTH	—	—	C	Limited	0	—
NORTH LAKE	NORTH	—	—	D	Minimal	1	165
NORTH LAKES	NORTH	—	—	C	Limited	0	—
NORTH MAIN	NORTH	—	—	D	Minimal	1	50
NORTH MESQUITE	NORTH	—	—	C	Limited	0	—
NORTH MESQUITE TAP	NORTH	—	—	C	Limited	0	—
NORTH NETWORK	NORTH	—	—	C	Limited	2	100
NORTH PARKWAY	NORTH	—	—	D	Minimal	2	130
NORTHWEST CARROLLTON	NORTH	—	—	D	Minimal	1	50
NORTHWEST TEXARKANA	NORTH	—	—	D	Minimal	0	—
NORWOOD	NORTH	—	—	C	Limited	1	24
NORWOOD SW	NORTH	—	—	C	Limited	1	24

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
NUCOR	NORTH	—	—	D	Minimal	0	—
NW TERM	NORTH	—	—	D	Minimal	0	—
OAKLAND AVE	NORTH	—	—	C	Limited	0	—
OATES	NORTH	—	—	C	Limited	0	—
ORANGE BULK	NORTH	—	—	D	Minimal	0	—
P.T.S.	NORTH	—	—	C	Limited	0	—
PANTHER CREEK	NORTH	—	—	D	Minimal	0	—
PARKDALE SES	NORTH	—	—	C	Limited	0	—
PARKER	NORTH	—	—	D	Minimal	0	—
PARKERVILLE RD	NORTH	—	—	C	Limited	0	—
PEDEN RD	NORTH	—	—	D	Minimal	0	—
PIPE CREEK	NORTH	—	—	D	Minimal	0	—
PIRKEY	NORTH	—	—	D	Minimal	0	—
PLANO PARKER ROAD	NORTH	—	—	D	Minimal	5	225
PLEASANT GROVE	NORTH	—	—	C	Limited	0	—
POCKRUS	NORTH	—	—	C	Limited	0	—
POLK ST	NORTH	—	—	C	Limited	0	—
POLY	NORTH	—	—	D	Minimal	0	—
PORT ACRES BULK	NORTH	—	—	D	Minimal	0	—
PORT NECHES	NORTH	—	—	D	Minimal	0	—
PRAIRIE CREEK SW	NORTH	—	—	C	Limited	0	—
PRAIRIECREEK	NORTH	—	—	C	Limited	0	—
PRESTON NORTH	NORTH	—	—	D	Minimal	2	100
R.D. WELLS INTERCHANGE	NORTH	—	—	C	Limited	0	—
RAYMOND F. BARKER	NORTH	—	—	D	Minimal	0	—
REAGAN ST	NORTH	—	—	C	Limited	2	57
RECORD CROSSING	NORTH	—	—	C	Limited	0	—
REGAL ROW	NORTH	—	—	C	Limited	2	54

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
RHOME	NORTH	—	—	D	Minimal	0	—
RICHARDSON COLLINS BOULEVARD	NORTH	—	—	C	Minimal	5	204
RICHARDSON SPRING CREEK	NORTH	—	—	C	Minimal	9	402
RICHARDSON WOODHAVEN	NORTH	—	—	C	Limited	1	50
RICHLAND CHAMBERS SWITCHING STATION	NORTH	—	—	D	Minimal	0	—
RISER300108	NORTH	—	—	D	Minimal	1	16
RISER300686	NORTH	—	—	D	Minimal	1	165
RISER303656	NORTH	—	—	D	Minimal	1	50
RISER306233	NORTH	—	—	D	Minimal	1	165
RISER307642	NORTH	—	—	D	Minimal	1	50
RIVERFRONT	NORTH	—	—	C	Limited	0	—
ROANOKE	NORTH	—	—	D	Minimal	5	250
ROCK HILL	NORTH	—	—	D	Minimal	0	—
ROMAN JUAREZ	NORTH	—	—	D	Minimal	0	—
ROSS	NORTH	—	—	D	Minimal	0	—
ROYSE	NORTH	—	—	D	Minimal	0	—
SAGINAW SW	NORTH	—	—	D	Minimal	0	—
SAM DAM	NORTH	—	—	D	Minimal	0	—
SARGENT ROAD	NORTH	—	—	C	Limited	0	—
SCYENE RD	NORTH	—	—	C	Limited	0	—
SCYENE RD TAP	NORTH	—	—	C	Limited	0	—
SEAGOVILLE	NORTH	—	—	C	Limited	0	—
SEAGOVILLE SW	NORTH	—	—	C	Limited	0	—
SENATE WIND	NORTH	—	—	D	Minimal	0	—
SHAMBURGER	NORTH	—	—	D	Minimal	0	—
SHERRY	NORTH	—	—	D	Minimal	0	—
SHILOH	NORTH	—	—	C	Limited	0	—
SIMPSON STUART	NORTH	—	—	C	Limited	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
SIMPSON STUART TAP	NORTH	—	—	C	Limited	0	—

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Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
SINGLETON	NORTH	—	—	C	Limited	0	—
SLOCUM TERMINAL	NORTH	—	—	C	Limited	0	—
SORCEY RD	NORTH	—	—	D	Minimal	0	—
SOUR LAKE	NORTH	—	—	D	Minimal	0	—
SOUTH	NORTH	—	—	D	Minimal	2	76
SOUTH BEAUMONT	NORTH	—	—	D	Minimal	0	—
SOUTH CLIFF PUMP	NORTH	—	—	C	Limited	0	—
SOUTH HAMPTON	NORTH	—	—	C	Limited	0	—
SOUTH OAK CLIFF	NORTH	—	—	C	Limited	0	—
SOUTHERLAND	NORTH	—	—	C	Limited	0	—
SOUTHSIDE TAP	NORTH	—	—	C	Minimal	5	1,790
SOUTHSIDE WASTEWATER TREATMENT PLANT	NORTH	—	—	C	Limited	0	—
SPENCER INTERCHANGE	NORTH	—	—	C	Limited	0	—
SPENCER SWITCH	NORTH	—	—	C	Limited	0	—
ST. AUGUSTINE	NORTH	—	—	C	Limited	0	—
STRYKER CREEK	NORTH	—	—	D	Minimal	0	—
SULPHUR SPRINGS	NORTH	—	—	D	Minimal	0	—
SULPHUR SPRINGS SWITCHING	NORTH	—	—	D	Minimal	0	—
T.R.A.	NORTH	—	—	C	Limited	0	—
T1	NORTH	—	—	D	Minimal	3	126
TAP302432	NORTH	—	—	D	Minimal	0	—
TAP302442	NORTH	—	—	D	Minimal	0	—
TAP302443	NORTH	—	—	D	Minimal	0	—
TAP302445	NORTH	—	—	D	Minimal	0	—
TAP302465	NORTH	—	—	D	Minimal	0	—
TAP302470	NORTH	—	—	D	Minimal	0	—
TAP302484	NORTH	—	—	D	Minimal	0	—
TAP302488	NORTH	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
TAP302500	NORTH	—	—	D	Minimal	0	—
TAP302510	NORTH	—	—	C	Limited	0	—
TAP302542	NORTH	—	—	D	Minimal	0	—
TAP302562	NORTH	—	—	D	Minimal	0	—
TAP302565	NORTH	—	—	D	Minimal	0	—
TAP302572	NORTH	—	—	D	Minimal	0	—
TAP302587	NORTH	—	—	D	Minimal	0	—
TAP302590	NORTH	—	—	D	Minimal	0	—
TAP302595	NORTH	—	—	D	Minimal	0	—
TAP302600	NORTH	—	—	D	Minimal	0	—
TAP302607	NORTH	—	—	D	Minimal	0	—
TAP302626	NORTH	—	—	D	Minimal	0	—
TAP302635	NORTH	—	—	D	Minimal	0	—
TAP302653	NORTH	—	—	D	Minimal	0	—
TAP302669	NORTH	—	—	C	Limited	0	—
TAP302682	NORTH	—	—	C	Limited	0	—
TAP302691	NORTH	—	—	C	Limited	0	—
TAP302700	NORTH	—	—	D	Minimal	0	—
TAP302717	NORTH	—	—	D	Minimal	0	—
TAP302719	NORTH	—	—	D	Minimal	0	—
TAP302722	NORTH	—	—	D	Minimal	0	—
TAP302727	NORTH	—	—	D	Minimal	1	50
TAP302730	NORTH	—	—	C	Limited	0	—
TAP302744	NORTH	—	—	D	Minimal	0	—
TAP302746	NORTH	—	—	D	Minimal	0	—
TAP302754	NORTH	—	—	C	Limited	0	—
TAP302758	NORTH	—	—	D	Minimal	0	—
TAP302764	NORTH	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
TAP305109	NORTH	—	—	D	Minimal	0	—
TAP305113	NORTH	—	—	C	Limited	0	—
TAP305116	NORTH	—	—	D	Minimal	0	—
TAP305135	NORTH	—	—	D	Minimal	1	16
TAP305141	NORTH	—	—	C	Limited	0	—
TAP305148	NORTH	—	—	D	Minimal	0	—
TAP305150	NORTH	—	—	D	Minimal	0	—
TAP305156	NORTH	—	—	C	Limited	0	—
TAP305160	NORTH	—	—	C	Limited	0	—
TAP305183	NORTH	—	—	C	Limited	0	—
TAP305187	NORTH	—	—	D	Minimal	1	50
TAP305194	NORTH	—	—	C	Limited	0	—
TAP305196	NORTH	—	—	D	Minimal	5	250
TAP305198	NORTH	—	—	D	Minimal	0	—
TAP305205	NORTH	—	—	C	Limited	0	—
TAP305210	NORTH	—	—	D	Minimal	0	—
TAP305223	NORTH	—	—	D	Minimal	0	—
TAP305232	NORTH	—	—	D	Minimal	0	—
TAP305247	NORTH	—	—	D	Minimal	0	—
TAP305248	NORTH	—	—	C	Limited	0	—
TAP305252	NORTH	—	—	C	Minimal	4	950
TAP305257	NORTH	—	—	C	Limited	2	57
TAP305269	NORTH	—	—	D	Minimal	0	—
TAP305270	NORTH	—	—	C	Limited	0	—
TAP305271	NORTH	—	—	D	Minimal	0	—
TAP305272	NORTH	—	—	D	Minimal	0	—
TAP305291	NORTH	—	—	D	Minimal	0	—
TAP305304	NORTH	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
TAP305311	NORTH	—	—	D	Minimal	0	—

Source: Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens (monitor.aixenergy.io).

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
TAP305318	NORTH	—	—	C	Limited	0	—
TAP305319	NORTH	—	—	D	Minimal	0	—
TAP305324	NORTH	—	—	D	Minimal	0	—
TAP305327	NORTH	—	—	D	Minimal	5	250
TAP305334	NORTH	—	—	D	Minimal	0	—
TAP305344	NORTH	—	—	C	Limited	0	—
TAP305368	NORTH	—	—	D	Minimal	0	—
TAP305404	NORTH	—	—	D	Minimal	0	—
TAP305407	NORTH	—	—	D	Minimal	0	—
TAP305412	NORTH	—	—	D	Minimal	0	—
TAP305418	NORTH	—	—	D	Minimal	0	—
TAP305427	NORTH	—	—	D	Minimal	0	—
TAP305431	NORTH	—	—	D	Minimal	0	—
TAP305443	NORTH	—	—	D	Minimal	0	—
TAP305446	NORTH	—	—	D	Minimal	0	—
TAP305447	NORTH	—	—	D	Minimal	0	—
TAP305462	NORTH	—	—	D	Minimal	0	—
TAP305469	NORTH	—	—	D	Minimal	0	—
TAP305492	NORTH	—	—	D	Minimal	0	—
TAP307848	NORTH	—	—	D	Minimal	0	—
TAP307852	NORTH	—	—	C	Limited	2	57
TAP307857	NORTH	—	—	C	Limited	0	—
TAP307865	NORTH	—	—	D	Minimal	0	—
TAP307910	NORTH	—	—	D	Minimal	0	—
TAP307914	NORTH	—	—	D	Minimal	0	—
TAP307916	NORTH	—	—	C	Limited	0	—
TAP307925	NORTH	—	—	D	Minimal	0	—
TAP307951	NORTH	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
TAP307957	NORTH	—	—	D	Minimal	0	—
TAP307967	NORTH	—	—	D	Minimal	0	—
TAP307969	NORTH	—	—	D	Minimal	0	—
TAP307973	NORTH	—	—	D	Minimal	0	—
TAP307986	NORTH	—	—	C	Limited	0	—
TAP307991	NORTH	—	—	C	Limited	0	—
TAP308021	NORTH	—	—	D	Minimal	0	—
TAP308024	NORTH	—	—	D	Minimal	0	—
TAP308045	NORTH	—	—	D	Minimal	0	—
TAP308058	NORTH	—	—	D	Minimal	0	—
TAP308061	NORTH	—	—	D	Minimal	0	—
TAP308062	NORTH	—	—	D	Minimal	0	—
TAP308063	NORTH	—	—	D	Minimal	0	—
TAP308072	NORTH	—	—	D	Minimal	0	—
TAP308075	NORTH	—	—	C	Limited	1	50
TAP308083	NORTH	—	—	D	Minimal	0	—
TAP308084	NORTH	—	—	D	Minimal	0	—
TAP308098	NORTH	—	—	C	Limited	0	—
TAP308101	NORTH	—	—	C	Limited	0	—
TAP308104	NORTH	—	—	C	Limited	0	—
TAP308117	NORTH	—	—	D	Minimal	0	—
TAP308125	NORTH	—	—	D	Minimal	0	—
TAP308128	NORTH	—	—	D	Minimal	0	—
TAP308152	NORTH	—	—	C	Limited	0	—
TAP308161	NORTH	—	—	D	Minimal	0	—
TAP308175	NORTH	—	—	C	Limited	0	—
TAP310548	NORTH	—	—	C	Limited	0	—
TAP310552	NORTH	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
TAP310558	NORTH	—	—	D	Minimal	0	—
TAP310584	NORTH	—	—	D	Minimal	0	—
TAP310605	NORTH	—	—	D	Minimal	0	—
TAP310637	NORTH	—	—	C	Limited	0	—
TAP310644	NORTH	—	—	D	Minimal	0	—
TAP310658	NORTH	—	—	D	Minimal	0	—
TAP310664	NORTH	—	—	D	Minimal	0	—
TAP310669	NORTH	—	—	C	Limited	0	—
TAP310674	NORTH	—	—	D	Minimal	0	—
TAP310676	NORTH	—	—	C	Limited	0	—
TAP310689	NORTH	—	—	C	Limited	0	—
TAP310691	NORTH	—	—	D	Minimal	0	—
TAP310693	NORTH	—	—	D	Minimal	1	70
TAP310708	NORTH	—	—	D	Minimal	0	—
TAP310713	NORTH	—	—	D	Minimal	0	—
TAP310714	NORTH	—	—	C	Minimal	2	960
TAP310729	NORTH	—	—	D	Minimal	0	—
TAP310741	NORTH	—	—	D	Minimal	0	—
TAP310745	NORTH	—	—	D	Minimal	0	—
TAP310757	NORTH	—	—	C	Limited	0	—
TAP310766	NORTH	—	—	D	Minimal	0	—
TAP310791	NORTH	—	—	D	Minimal	0	—
TAP310804	NORTH	—	—	D	Minimal	0	—
TAP310813	NORTH	—	—	C	Limited	0	—
TAP310814	NORTH	—	—	C	Minimal	9	624
TAP310830	NORTH	—	—	D	Minimal	0	—
TAP310845	NORTH	—	—	D	Minimal	0	—
TAP310846	NORTH	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
TAP310851	NORTH	—	—	C	Limited	0	—

Source: Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens (monitor.aixenergy.io).

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
TAP310857	NORTH	—	—	D	Minimal	0	—
TAP310861	NORTH	—	—	D	Minimal	0	—
TAP310866	NORTH	—	—	D	Minimal	0	—
TAP310872	NORTH	—	—	D	Minimal	0	—
TAP310882	NORTH	—	—	D	Minimal	0	—
TAP310885	NORTH	—	—	D	Minimal	0	—
TAP310923	NORTH	—	—	D	Minimal	0	—
TAP310925	NORTH	—	—	D	Minimal	0	—
TEASLEY	NORTH	—	—	C	Limited	0	—
TEMPLE PECAN CREEK	NORTH	—	—	D	Minimal	2	600
TEMPLE SWITCHING	NORTH	—	—	C	Minimal	4	950
TENASKA FRONTIER STATION	NORTH	—	—	C	Limited	0	—
TERRELL	NORTH	—	—	C	Minimal	0	—
THORNTON EAST	NORTH	—	—	C	Limited	0	—
THORTON EAST TAP	NORTH	—	—	C	Limited	0	—
TOLEDO BEND	NORTH	—	—	D	Minimal	0	—
TRAVIS	NORTH	—	—	D	Minimal	0	—
TRI-CORNER	NORTH	—	—	D	Minimal	0	—
TRINIDAD	NORTH	—	—	D	Minimal	0	—
TURKEY CREEK	NORTH	—	—	D	Minimal	0	—
TWIN OAK	NORTH	—	—	D	Minimal	0	—
VENUS	NORTH	—	—	D	Minimal	1	50
VERDE CREEK	NORTH	—	—	D	Minimal	0	—
VFW PARK	NORTH	—	—	D	Minimal	0	—
VOUGHT	NORTH	—	—	D	Minimal	0	—
WAGLEY ROBERTSON	NORTH	—	—	D	Minimal	1	50
WALL ST	NORTH	—	—	C	Limited	0	—
WALNUT	NORTH	—	—	C	Limited	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
WALNUT HIL	NORTH	—	—	D	Minimal	0	—
WATERMILL	NORTH	—	—	C	Minimal	5	1,790
WELFARE	NORTH	—	—	D	Minimal	0	—
WEST	NORTH	—	—	D	Minimal	0	—
WEST	NORTH	—	—	D	Minimal	0	—
WEST DALLAS	NORTH	—	—	C	Limited	0	—
WEST DALLAS TAP	NORTH	—	—	C	Limited	1	24
WEST LEVEE	NORTH	—	—	C	Limited	0	—
WEST MESQUITE	NORTH	—	—	C	Limited	0	—
WEST NETWORK	NORTH	—	—	C	Limited	0	—
WEST ORANGE	NORTH	—	—	D	Minimal	0	—
WEST PLANO	NORTH	—	—	D	Minimal	3	180
WESTMORELAND	NORTH	—	—	C	Limited	0	—
WESTMORELAND NORTH	NORTH	—	—	C	Limited	0	—
WHITE ROCK	NORTH	—	—	C	Limited	0	—
WILMER	NORTH	—	—	C	Limited	1	90
WOODROW	NORTH	—	—	C	Minimal	2	524
WOODVILLE	NORTH	—	—	D	Minimal	0	—
WYNN JOYCE	NORTH	—	—	C	Limited	0	—
AA	PANHANDL E	—	—	C	Limited	0	—
AC	PANHANDL E	—	—	C	Limited	0	—
AE	PANHANDL E	—	—	C	Limited	0	—
AJ SWOPE	PANHANDL E	—	—	C	Limited	0	—
AK	PANHANDL E	—	—	C	Limited	0	—
ALIBATES	PANHANDL E	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
AMARILLO SOUTH	PANHANDL E	—	—	C	Limited	0	—
AN	PANHANDL E	—	—	C	Limited	0	—
BARWISE	PANHANDL E	—	—	D	Minimal	0	—
BORGER	PANHANDL E	—	—	D	Minimal	0	—
BOWERS	PANHANDL E	—	—	C	Limited	0	—
BRANDON	PANHANDL E	—	—	C	Minimal	3	1,620
BUSHLAND	PANHANDL E	—	—	D	Minimal	0	—
CANYON EAST	PANHANDL E	—	—	D	Minimal	0	—
CANYON WEST	PANHANDL E	—	—	D	Minimal	0	—
CARGILL	PANHANDL E	—	—	D	Minimal	0	—
CARSON COUNTY	PANHANDL E	—	—	C	Limited	0	—
CASTRO COUNTY	PANHANDL E	—	—	D	Minimal	0	—
CLIFFSIDE	PANHANDL E	—	—	C	Minimal	2	444
COULTER	PANHANDL E	—	—	C	Limited	0	—
CRMWA #1	PANHANDL E	—	—	D	Minimal	0	—
CRMWA#4	PANHANDL E	—	—	D	Minimal	0	—
CROSS	PANHANDL E	—	—	D	Minimal	1	50
D	PANHANDL E	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
DAVID SWINFORD	PANHANDL E	—	—	D	Minimal	0	—
DAWN	PANHANDL E	—	—	D	Minimal	0	—
DEAF SMITH	PANHANDL E	—	—	D	Minimal	0	—
DEAF SMITH METERING STATION	PANHANDL E	—	—	D	Minimal	0	—
DUMAS 19TH STREET	PANHANDL E	—	—	D	Minimal	0	—
EAST PLANT	PANHANDL E	—	—	C	Limited	0	—
EDITH CLARK	PANHANDL E	—	—	D	Minimal	0	—
ETTER RURAL	PANHANDL E	—	—	D	Minimal	0	—
EXCELL	PANHANDL E	—	—	D	Minimal	0	—
FAIN	PANHANDL E	—	—	D	Minimal	0	—
FLOYD	PANHANDL E	—	—	D	Minimal	0	—
FLOYDADA	PANHANDL E	—	—	D	Minimal	0	—
FLOYDADA SOUTH	PANHANDL E	—	—	D	Minimal	0	—
FRIONA RURAL	PANHANDL E	—	—	D	Minimal	0	—

Source: Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens (monitor.aixenergy.io).

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
FRITCH	PANHANDL E	—	—	D	Minimal	0	—
G	PANHANDL E	—	—	C	Limited	0	—
GIS-SUB-sci:TX:115kv	PANHANDL E	—	—	C	Minimal	2	1,080
GIS-SUB-sci:TX:230kv	PANHANDL E	—	—	D	Minimal	0	—
GRAPEVINE	PANHANDL E	—	—	C	Limited	0	—
GRAY	PANHANDL E	—	—	C	Limited	0	—
HALE CO	PANHANDL E	—	—	D	Minimal	0	—
HAPPY CITY	PANHANDL E	—	—	D	Minimal	0	—
HARRINGTON	PANHANDL E	—	—	D	Minimal	0	—
HASTINGS	PANHANDL E	—	—	C	Limited	0	—
HEREFORD SOUTH	PANHANDL E	—	—	D	Minimal	0	—
HERRING	PANHANDL E	—	—	D	Minimal	0	—
HIGHLAND PARK	PANHANDL E	—	—	D	Minimal	0	—
HUTCHINSON COUNTY	PANHANDL E	—	—	D	Minimal	0	—
IRICK	PANHANDL E	—	—	D	Minimal	0	—
JACK RAMEY WIND	PANHANDL E	—	—	C	Limited	0	—
JONES	PANHANDL E	—	—	C	Limited	0	—
KIRBY SWITCHING STATION	PANHANDL E	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
KRESS	PANHANDL E	—	—	D	Minimal	0	—
LEHMA	PANHANDL E	—	—	D	Minimal	0	—
LLANO ESTACADO	PANHANDL E	—	—	D	Minimal	0	—
MANHATTAN	PANHANDL E	—	—	C	Limited	0	—
MARTIN SWITCHING STATION	PANHANDL E	—	—	C	Limited	0	—
MCCLELLAN PUMP	PANHANDL E	—	—	D	Minimal	0	—
MIAMI	PANHANDL E	—	—	D	Minimal	0	—
MIAMI WIND	PANHANDL E	—	—	D	Minimal	0	—
MOORE COUNTY	PANHANDL E	—	—	D	Minimal	0	—
NICHOLS	PANHANDL E	—	—	D	Minimal	0	—
NORTH AMARILLO	PANHANDL E	—	—	C	Limited	0	—
NORTHWEST	PANHANDL E	—	—	C	Limited	0	—
O	PANHANDL E	—	—	D	Minimal	0	—
OGALLALA	PANHANDL E	—	—	D	Minimal	0	—
OSAGE	PANHANDL E	—	—	C	Limited	0	—
PALO DURO	PANHANDL E	—	—	D	Minimal	0	—
PANDA	PANHANDL E	—	—	D	Minimal	0	—
PANTEX NORTH	PANHANDL E	—	—	C	Limited	1	50

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
PANTEX SOUTH	PANHANDL E	—	—	C	Limited	1	50
PARMER COUNTY	PANHANDL E	—	—	D	Minimal	0	—
PLANT X	PANHANDL E	—	—	C	Limited	0	—
POTTER COUNTY	PANHANDL E	—	—	C	Minimal	2	444
PRINGLE	PANHANDL E	—	—	D	Minimal	0	—
PULLMAN	PANHANDL E	—	—	C	Limited	0	—
RAILHEAD	PANHANDL E	—	—	D	Minimal	0	—
RANDALL COUNTY	PANHANDL E	—	—	C	Limited	0	—
RIVERVIEW	PANHANDL E	—	—	D	Minimal	0	—
ROLLING HILLS	PANHANDL E	—	—	C	Limited	0	—
SALT FORK WIND	PANHANDL E	—	—	D	Minimal	0	—
SHAMROCK MC KEE	PANHANDL E	—	—	D	Minimal	0	—
SPINNING SPUR II	PANHANDL E	—	—	D	Minimal	0	—
SPINNING SPUR III	PANHANDL E	—	—	D	Minimal	0	—
SPINNINNG SPUR I	PANHANDL E	—	—	D	Minimal	0	—
SPRING DRAW	PANHANDL E	—	—	D	Minimal	0	—
SWISHER	PANHANDL E	—	—	D	Minimal	0	—
TAP302422	PANHANDL E	—	—	C	Limited	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
TAP302455	PANHANDL E	—	—	D	Minimal	0	—
TAP302466	PANHANDL E	—	—	C	Limited	0	—
TAP302494	PANHANDL E	—	—	D	Minimal	0	—
TAP302543	PANHANDL E	—	—	D	Minimal	1	50
TAP302575	PANHANDL E	—	—	C	Limited	0	—
TAP302580	PANHANDL E	—	—	D	Minimal	0	—
TAP302589	PANHANDL E	—	—	C	Limited	0	—
TAP302593	PANHANDL E	—	—	C	Limited	0	—
TAP302628	PANHANDL E	—	—	C	Minimal	3	1,620
TAP302670	PANHANDL E	—	—	D	Minimal	0	—
TAP302685	PANHANDL E	—	—	C	Limited	0	—
TAP302693	PANHANDL E	—	—	D	Minimal	0	—
TAP302698	PANHANDL E	—	—	D	Minimal	0	—
TAP302709	PANHANDL E	—	—	D	Minimal	0	—
TAP302718	PANHANDL E	—	—	D	Minimal	0	—
TAP302728	PANHANDL E	—	—	D	Minimal	0	—
TAP302737	PANHANDL E	—	—	D	Minimal	0	—
TAP305106	PANHANDL E	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
TAP305125	PANHANDL E	—	—	D	Minimal	0	—
TAP305186	PANHANDL E	—	—	D	Minimal	0	—
TAP305282	PANHANDL E	—	—	D	Minimal	0	—
TAP305298	PANHANDL E	—	—	D	Minimal	0	—
TAP305332	PANHANDL E	—	—	D	Minimal	0	—
TAP305362	PANHANDL E	—	—	C	Limited	0	—
TAP305380	PANHANDL E	—	—	D	Minimal	0	—
TAP305386	PANHANDL E	—	—	D	Minimal	0	—
TAP305411	PANHANDL E	—	—	C	Limited	0	—
TAP305416	PANHANDL E	—	—	D	Minimal	0	—
TAP305460	PANHANDL E	—	—	C	Limited	0	—
TAP305466	PANHANDL E	—	—	C	Limited	0	—
TAP307896	PANHANDL E	—	—	D	Minimal	0	—

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Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
TAP307897	PANHANDL E	—	—	C	Limited	0	—
TAP307944	PANHANDL E	—	—	D	Minimal	0	—
TAP307949	PANHANDL E	—	—	D	Minimal	0	—
TAP307988	PANHANDL E	—	—	D	Minimal	0	—
TAP308103	PANHANDL E	—	—	D	Minimal	0	—
TAP308118	PANHANDL E	—	—	D	Minimal	0	—
TAP308131	PANHANDL E	—	—	D	Minimal	0	—
TAP308151	PANHANDL E	—	—	C	Limited	0	—
TAP310537	PANHANDL E	—	—	D	Minimal	0	—
TAP310560	PANHANDL E	—	—	D	Minimal	0	—
TAP310578	PANHANDL E	—	—	C	Minimal	0	—
TAP310583	PANHANDL E	—	—	C	Minimal	2	444
TAP310585	PANHANDL E	—	—	D	Minimal	1	50
TAP310592	PANHANDL E	—	—	D	Minimal	0	—
TAP310616	PANHANDL E	—	—	D	Minimal	0	—
TAP310623	PANHANDL E	—	—	C	Limited	0	—
TAP310663	PANHANDL E	—	—	D	Minimal	0	—
TAP310665	PANHANDL E	—	—	C	Minimal	2	336

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
TAP310707	PANHANDL E	—	—	C	Limited	0	—
TAP310762	PANHANDL E	—	—	D	Minimal	0	—
TAP310776	PANHANDL E	—	—	C	Limited	0	—
TAP310778	PANHANDL E	—	—	D	Minimal	1	50
TAP310855	PANHANDL E	—	—	D	Minimal	0	—
TAP310874	PANHANDL E	—	—	C	Limited	0	—
TAP310898	PANHANDL E	—	—	C	Minimal	0	—
TESLA	PANHANDL E	—	—	C	Minimal	3	300
TUCO	PANHANDL E	—	—	C	Minimal	3	504
U	PANHANDL E	—	—	C	Limited	0	—
V	PANHANDL E	—	—	C	Limited	0	—
VAN BUREN	PANHANDL E	—	—	C	Limited	0	—
W	PANHANDL E	—	—	C	Limited	0	—
WHEELER	PANHANDL E	—	—	D	Minimal	0	—
WHITE RIVER	PANHANDL E	—	—	D	Minimal	0	—
WILDERADO	PANHANDL E	—	—	D	Minimal	0	—
WINDMILL	PANHANDL E	—	—	D	Minimal	0	—
Y	PANHANDL E	—	—	C	Limited	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
YARNEN	PANHANDL E	—	—	D	Minimal	0	—
36TH STREET	SOUTH	—	—	C	Limited	0	—
6TH STREET	SOUTH	—	—	D	Minimal	0	—
AIRPORT	SOUTH	—	—	D	Minimal	0	—
ALAMO	SOUTH	—	—	C	Limited	0	—
ALAMO CEMENT	SOUTH	—	—	D	Minimal	0	—
ALAMO TAP	SOUTH	—	—	D	Minimal	0	—
ALBERTA	SOUTH	—	—	D	Minimal	0	—
AMD	SOUTH	—	—	C	Limited	1	45
ANDERSON	SOUTH	—	—	D	Minimal	4	200
ANGUS VALLEY	SOUTH	—	—	C	Limited	0	—
ANTLER	SOUTH	—	—	D	Minimal	0	—
ARTHUR VON ROSENBERG	SOUTH	—	—	C	Limited	0	—
ASPHALT MINES	SOUTH	—	—	D	Minimal	0	—
AUSTIN DAM	SOUTH	—	—	C	Limited	0	—
AUSTIN ROAD	SOUTH	—	—	D	Minimal	0	—
AUSTROP	SOUTH	—	—	D	Minimal	0	—
AVERY RANCH	SOUTH	—	—	D	Minimal	0	—
BADER	SOUTH	—	—	D	Minimal	1	50
BALCONES	SOUTH	—	—	D	Minimal	0	—
BALL PARK	SOUTH	—	—	C	Limited	0	—
BANDERA ROAD	SOUTH	—	—	C	Limited	0	—
BARTON	SOUTH	—	—	D	Minimal	0	—
BASTROP ENERGY CENTER	SOUTH	—	—	C	Limited	1	50
BASTROP WEST	SOUTH	—	—	C	Limited	0	—
BATESVILLE	SOUTH	—	—	D	Minimal	0	—
BEBACK	SOUTH	—	—	C	Limited	1	50
BECK ROAD	SOUTH	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
BEE CREEK	SOUTH	—	—	C	Limited	0	—
BERGHEIM	SOUTH	—	—	C	Limited	0	—
BERGSTROM	SOUTH	—	—	D	Minimal	2	100
BIG FOOT	SOUTH	—	—	D	Minimal	0	—
BLOCKHOUSE	SOUTH	—	—	D	Minimal	0	—
BLUEBONNET	SOUTH	—	—	C	Minimal	3	720
BRACKENRIDGE	SOUTH	—	—	C	Limited	0	—
BRAUNIG	SOUTH	—	—	C	Limited	0	—
BROADVIEW	SOUTH	—	—	C	Limited	0	—
BRODIE LANE	SOUTH	—	—	D	Minimal	0	—
BROOKS FIELD	SOUTH	—	—	C	Limited	0	—
BROWNSVILLE	SOUTH	—	—	D	Minimal	0	—
BUCKEYE	SOUTH	—	—	C	Limited	0	—
BUDA	SOUTH	—	—	C	Limited	0	—
BULLICK HOLLOW	SOUTH	—	—	C	Limited	0	—
BULVERDE	SOUTH	—	—	D	Minimal	0	—
BURLESON	SOUTH	—	—	D	Minimal	0	—
BUTTERCUP	SOUTH	—	—	D	Minimal	0	—
CAGNON ROAD	SOUTH	—	—	C	Minimal	5	1,034
CALAVERAS 138KV SWITCHYARD	SOUTH	—	—	C	Limited	0	—
CALAVERAS 345 SWITCHYARD	SOUTH	—	—	C	Limited	0	—

Source: Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens (monitor.aixenergy.io).

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
CAMP GARY	SOUTH	—	—	D	Minimal	3	8,050
CANYON	SOUTH	—	—	C	Limited	1	50
CANYON DAM	SOUTH	—	—	C	Limited	0	—
CAPITOL CEMENT	SOUTH	—	—	D	Minimal	0	—
CAPOTE	SOUTH	—	—	D	Minimal	0	—
CARANCAHUA	SOUTH	—	—	D	Minimal	0	—
CARDINAL LANE	SOUTH	—	—	D	Minimal	0	—
CARSON CREEK	SOUTH	—	—	D	Minimal	3	150
CASTLE HILLS	SOUTH	—	—	C	Limited	0	—
CASTROVILLE	SOUTH	—	—	C	Minimal	6	1,084
CATERPILLAR	SOUTH	—	—	D	Minimal	0	—
CEDAR HILL	SOUTH	—	—	D	Minimal	0	—
CEDAR VALLEY	SOUTH	—	—	D	Minimal	0	—
CEMEX	SOUTH	—	—	D	Minimal	0	—
CENIZO	SOUTH	—	—	D	Minimal	0	—
CENTRAL AUSTIN	SOUTH	—	—	C	Limited	0	—
CHARLOTTE	SOUTH	—	—	D	Minimal	0	—
CHAVANEUX	SOUTH	—	—	C	Limited	0	—
CHIEF BRADY	SOUTH	—	—	C	Limited	0	—
CHULIE	SOUTH	—	—	C	Limited	0	—
CIBOLO	SOUTH	—	—	D	Minimal	0	—
CIBOLO CREEK	SOUTH	—	—	D	Minimal	0	—
CLEAR SPRINGS	SOUTH	—	—	C	Limited	0	—
CMC	SOUTH	—	—	D	Minimal	0	—
COFFEE PORT	SOUTH	—	—	D	Minimal	0	—
COLISEUM	SOUTH	—	—	D	Minimal	0	—
COLTON	SOUTH	—	—	D	Minimal	0	—
COMAL	SOUTH	—	—	C	Limited	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
COMMONS FORD	SOUTH	—	—	C	Limited	0	—
CRANE'S MILL	SOUTH	—	—	D	Minimal	0	—
CUERO	SOUTH	—	—	D	Minimal	0	—
CUSHMAN	SOUTH	—	—	D	Minimal	0	—
D'HANIS	SOUTH	—	—	D	Minimal	0	—
DAFFIN GIN	SOUTH	—	—	C	Limited	0	—
DE ZAVALA ROAD	SOUTH	—	—	C	Limited	0	—
DECKER	SOUTH	—	—	C	Limited	0	—
DEL SOL	SOUTH	—	—	D	Minimal	0	—
DERBY	SOUTH	—	—	D	Minimal	0	—
DESSAU	SOUTH	—	—	C	Limited	0	—
DEVIL'S HILL	SOUTH	—	—	D	Minimal	0	—
DEVINE	SOUTH	—	—	D	Minimal	0	—
DILLEY	SOUTH	—	—	C	Limited	0	—
DILLEY SWITCHING	SOUTH	—	—	C	Limited	0	—
DOWNIE	SOUTH	—	—	D	Minimal	0	—
DRESDEN DRIVE	SOUTH	—	—	C	Limited	0	—
DUNLAP	SOUTH	—	—	C	Limited	0	—
EAGLE CREEK	SOUTH	—	—	D	Minimal	0	—
EAGLE PASS	SOUTH	—	—	D	Minimal	0	—
ED BLUESTEIN	SOUTH	—	—	C	Limited	1	20
EDNA	SOUTH	—	—	D	Minimal	0	—
ELGIN	SOUTH	—	—	D	Minimal	0	—
ELGIN SWITCHING	SOUTH	—	—	D	Minimal	0	—
ELM CREEK	SOUTH	—	—	D	Minimal	0	—
ELMENDORF	SOUTH	—	—	C	Limited	0	—
ELROY	SOUTH	—	—	D	Minimal	0	—
ELSA	SOUTH	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
ENCINO PARK	SOUTH	—	—	D	Minimal	0	—
ESCONDIDO	SOUTH	—	—	D	Minimal	0	—
FAIR OAKS RANCH	SOUTH	—	—	C	Limited	0	—
FALCON POWER PLANT	SOUTH	—	—	D	Minimal	0	—
FALLS CITY	SOUTH	—	—	D	Minimal	0	—
FAYETTE PLANT #1	SOUTH	—	—	D	Minimal	0	—
FAYETTE PLANT #2	SOUTH	—	—	D	Minimal	0	—
FAYETTEVILLE	SOUTH	—	—	D	Minimal	0	—
FERN STREET	SOUTH	—	—	C	Limited	0	—
FIESTA	SOUTH	—	—	C	Limited	0	—
FISCHER	SOUTH	—	—	C	Limited	0	—
FISKVILLE	SOUTH	—	—	C	Limited	1	7
FIVE POINTS	SOUTH	—	—	C	Limited	0	—
FLORESVILLE	SOUTH	—	—	D	Minimal	0	—
FORT SAM	SOUTH	—	—	D	Minimal	0	—
FRATT	SOUTH	—	—	D	Minimal	0	—
FREDRICKSBURG ROAD	SOUTH	—	—	C	Limited	0	—
FREIHEIT	SOUTH	—	—	C	Limited	0	—
FRIENDSHIP	SOUTH	—	—	D	Minimal	0	—
FRIO TOWN	SOUTH	—	—	D	Minimal	0	—
GABRIEL	SOUTH	—	—	C	Limited	0	—
GANADE	SOUTH	—	—	D	Minimal	0	—
GARFIELD	SOUTH	—	—	C	Minimal	4	770
GEORGETOWN	SOUTH	—	—	C	Limited	0	—
GERONIMO	SOUTH	—	—	C	Limited	0	—
GIS-SUB-sci:TX:69kv	SOUTH	—	—	D	Minimal	3	8,050
GLASSCOCK	SOUTH	—	—	C	Limited	0	—
GPI	SOUTH	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
GRANDVIEW	SOUTH	—	—	D	Minimal	0	—

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Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
GREEN MOUNTAIN	SOUTH	—	—	D	Minimal	0	—
GRISSOM ROAD	SOUTH	—	—	C	Limited	2	81
GROVE	SOUTH	—	—	D	Minimal	3	150
GUADALUPE GENERATING	SOUTH	—	—	D	Minimal	0	—
HAMILTON	SOUTH	—	—	C	Limited	0	—
HAMILTON WOLFE ROAD	SOUTH	—	—	C	Limited	0	—
HARLANDALE	SOUTH	—	—	C	Limited	0	—
HARLINGEN SWITCHING	SOUTH	—	—	C	Minimal	0	—
HARMONY HILLS	SOUTH	—	—	D	Minimal	0	—
HARRIS	SOUTH	—	—	C	Limited	0	—
HARRIS BRANCH	SOUTH	—	—	C	Limited	0	—
HAYS ENERGY	SOUTH	—	—	C	Minimal	4	3,650
HELENA	SOUTH	—	—	D	Minimal	0	—
HELOTES	SOUTH	—	—	D	Minimal	0	—
HENNE	SOUTH	—	—	C	Limited	0	—
HICKORY FOREST	SOUTH	—	—	D	Minimal	0	—
HICROSS	SOUTH	—	—	D	Minimal	0	—
HIDALGO	SOUTH	—	—	D	Minimal	0	—
HIDDEN VALLEY	SOUTH	—	—	D	Minimal	0	—
HIGHLAND HILLS	SOUTH	—	—	C	Limited	0	—
HIGHWAY 123	SOUTH	—	—	D	Minimal	0	—
HIGHWAY 32	SOUTH	—	—	D	Minimal	0	—
HIGHWAY 46	SOUTH	—	—	D	Minimal	0	—
HILL COUNTRY 138	SOUTH	—	—	C	Limited	0	—
HILL COUNTRY 345	SOUTH	—	—	C	Limited	0	—
HILLTOP	SOUTH	—	—	D	Minimal	0	—
HOLBROOK	SOUTH	—	—	D	Minimal	0	—
HOLLY POWER PLANT	SOUTH	—	—	D	Minimal	1	50

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
HOLLYWOOD PARK	SOUTH	—	—	D	Minimal	0	—
HONDO	SOUTH	—	—	D	Minimal	0	—
HONDO	SOUTH	—	—	D	Minimal	0	—
HONDO CREEK	SOUTH	—	—	D	Minimal	0	—
HORTONTOWN	SOUTH	—	—	C	Limited	0	—
HOT WELLS	SOUTH	—	—	C	Limited	0	—
HOWARD	SOUTH	—	—	C	Limited	0	—
HOWARD LANE	SOUTH	—	—	C	Limited	0	—
HUNT LANE	SOUTH	—	—	C	Limited	0	—
HUNTER	SOUTH	—	—	C	Limited	0	—
JACKIE HOWARD	SOUTH	—	—	D	Minimal	0	—
JARRELL	SOUTH	—	—	C	Limited	0	—
JARRELL EAST	SOUTH	—	—	C	Limited	0	—
JETT	SOUTH	—	—	C	Limited	0	—
JOLLYVILLE	SOUTH	—	—	D	Minimal	0	—
JUSTIN LANE	SOUTH	—	—	C	Limited	1	7
KELLY #3	SOUTH	—	—	C	Limited	0	—
KENEDY	SOUTH	—	—	D	Minimal	0	—
KENT	SOUTH	—	—	D	Minimal	0	—
KINGSBERRY	SOUTH	—	—	C	Limited	1	20
KIRBY	SOUTH	—	—	D	Minimal	0	—
KOENIG LANE	SOUTH	—	—	C	Limited	1	7
LA SIERRA	SOUTH	—	—	D	Minimal	0	—
LA VERNIA	SOUTH	—	—	D	Minimal	0	—
LAGO VISTA	SOUTH	—	—	D	Minimal	0	—
LAKESHORE	SOUTH	—	—	C	Limited	1	50
LAKEWAY	SOUTH	—	—	D	Minimal	0	—
LAREDO STREET	SOUTH	—	—	C	Limited	2	100

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
LEANDER	SOUTH	—	—	C	Limited	0	—
LEON CREEK	SOUTH	—	—	C	Limited	0	—
LISTON	SOUTH	—	—	D	Minimal	0	—
LKHOWARD	SOUTH	—	—	D	Minimal	0	—
LOBO	SOUTH	—	—	D	Minimal	0	—
LOLITA	SOUTH	—	—	D	Minimal	0	—
LOOP 337	SOUTH	—	—	C	Limited	0	—
LOS ANGELES HEIGHTS	SOUTH	—	—	C	Limited	0	—
LOS MIRASOLES	SOUTH	—	—	D	Minimal	0	—
LOST PINE	SOUTH	—	—	D	Minimal	0	—
LYTLE	SOUTH	—	—	D	Minimal	0	—
LYTLE	SOUTH	—	—	D	Minimal	0	—
LYTTON SPRINGS	SOUTH	—	—	C	Minimal	0	—
MAGNESIUM PLANT	SOUTH	—	—	C	Limited	0	—
MANCHACA	SOUTH	—	—	D	Minimal	0	—
MANOR	SOUTH	—	—	C	Limited	0	—
MARBACH ROAD	SOUTH	—	—	C	Limited	0	—
MARION	SOUTH	—	—	D	Minimal	0	—
MARSHALL FORD	SOUTH	—	—	D	Minimal	0	—
MAUERMAN	SOUTH	—	—	C	Limited	0	—
MCCARTY LANE	SOUTH	—	—	C	Limited	1	50
MCCOLL ROAD	SOUTH	—	—	D	Minimal	0	—
MCNEIL	SOUTH	—	—	C	Limited	0	—
MCQUEENEY	SOUTH	—	—	D	Minimal	0	—
MEDICAL CENTER	SOUTH	—	—	C	Limited	0	—
MEDINA BASE	SOUTH	—	—	C	Limited	0	—
MENDOZA	SOUTH	—	—	C	Minimal	0	—
MERIDA STREET	SOUTH	—	—	C	Limited	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
MERRET	SOUTH	—	—	D	Minimal	0	—

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Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
MET CENTER	SOUTH	—	—	D	Minimal	4	200
MEXICO INTERTIE	SOUTH	—	—	D	Minimal	0	—
MIDTOWN	SOUTH	—	—	D	Minimal	0	—
MIGHOWARD	SOUTH	—	—	D	Minimal	0	—
MILITARY HIGHWAY	SOUTH	—	—	D	Minimal	0	—
MILTON	SOUTH	—	—	D	Minimal	0	—
MOORE	SOUTH	—	—	D	Minimal	0	—
MUELLER	SOUTH	—	—	C	Limited	0	—
NACOGDOCHES ROAD	SOUTH	—	—	D	Minimal	0	—
NAMELESS	SOUTH	—	—	C	Limited	0	—
NATALIA	SOUTH	—	—	D	Minimal	0	—
NEW BERLIN	SOUTH	—	—	D	Minimal	0	—
NORDHEIM	SOUTH	—	—	D	Minimal	0	—
NORDHEIM WEST	SOUTH	—	—	D	Minimal	0	—
NORTH ALAMO	SOUTH	—	—	D	Minimal	0	—
NORTH BATESVILLE	SOUTH	—	—	D	Minimal	0	—
NORTH EDINBURG	SOUTH	—	—	D	Minimal	0	—
NORTH MCALLEN	SOUTH	—	—	D	Minimal	0	—
NORTH MERCEDES	SOUTH	—	—	D	Minimal	0	—
NORTH WESLACO	SOUTH	—	—	D	Minimal	0	—
NORTHLAND	SOUTH	—	—	C	Limited	1	50
NORTHWEST	SOUTH	—	—	D	Minimal	0	—
OAK HILL	SOUTH	—	—	D	Minimal	0	—
OAKS	SOUTH	—	—	D	Minimal	0	—
OLMOS	SOUTH	—	—	C	Limited	0	—
ONION CREEK	SOUTH	—	—	D	Minimal	0	—
PALO ALTO	SOUTH	—	—	C	Limited	0	—
PANTHER SPRINGS	SOUTH	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
PARKWAY	SOUTH	—	—	D	Minimal	0	—
PARSONS STREET	SOUTH	—	—	C	Limited	0	—
PATTON LANE	SOUTH	—	—	D	Minimal	0	—
PAWNEE	SOUTH	—	—	D	Minimal	0	—
PEARSALL	SOUTH	—	—	C	Limited	0	—
PEARSALL POWER PLANT	SOUTH	—	—	C	Limited	0	—
PEARSALL ROAD	SOUTH	—	—	C	Limited	0	—
PEARSON	SOUTH	—	—	D	Minimal	0	—
PEDERNALES	SOUTH	—	—	D	Minimal	1	50
PILOT KNOB	SOUTH	—	—	D	Minimal	0	—
PINN ROAD	SOUTH	—	—	C	Limited	0	—
PLEASANTON	SOUTH	—	—	D	Minimal	0	—
POMELO	SOUTH	—	—	D	Minimal	0	—
POTEET	SOUTH	—	—	D	Minimal	0	—
POTEET	SOUTH	—	—	C	Limited	0	—
PRICE ROAD	SOUTH	—	—	D	Minimal	0	—
PUEBLO	SOUTH	—	—	D	Minimal	0	—
QUINTANA	SOUTH	—	—	C	Limited	0	—
RANCHTOWN	SOUTH	—	—	D	Minimal	0	—
RANDOLPH FIELD	SOUTH	—	—	D	Minimal	0	—
REDWOOD	SOUTH	—	—	D	Minimal	0	—
RIO GRANDE CITY	SOUTH	—	—	D	Minimal	0	—
RIO HONDO	SOUTH	—	—	C	Minimal	4	410
RIO NOGALES SWITCHYARD	SOUTH	—	—	C	Limited	0	—
RIVER OAKS	SOUTH	—	—	C	Limited	0	—
RIVERPLACE	SOUTH	—	—	C	Limited	0	—
ROSITA CREEK	SOUTH	—	—	D	Minimal	0	—
ROSSVILLE	SOUTH	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
ROUND ROCK	SOUTH	—	—	D	Minimal	0	—
ROUND ROCK NORTHEAST	SOUTH	—	—	C	Limited	0	—
ROUND ROCK SOUTH	SOUTH	—	—	C	Limited	3	150
ROUND ROCK WESTINGHOUSE	SOUTH	—	—	C	Limited	0	—
RUNGE	SOUTH	—	—	D	Minimal	0	—
RUTHERFORD	SOUTH	—	—	D	Minimal	0	—
SAINT HEDWIG	SOUTH	—	—	D	Minimal	0	—
SALEM WALK	SOUTH	—	—	D	Minimal	0	—
SAN MIGUEL	SOUTH	—	—	D	Minimal	0	—
SAND HILL SWITCHYARD	SOUTH	—	—	D	Minimal	0	—
SATTLER	SOUTH	—	—	C	Limited	0	—
SCHERTZ	SOUTH	—	—	D	Minimal	0	—
SCHUMANSVILLE	SOUTH	—	—	C	Limited	0	—
SEAHOLM	SOUTH	—	—	C	Limited	0	—
SECO	SOUTH	—	—	D	Minimal	0	—
SEGUIN	SOUTH	—	—	C	Limited	0	—
SEGUIN WEST	SOUTH	—	—	C	Limited	0	—
SEWARD JUNCTION	SOUTH	—	—	C	Limited	0	—
SHADOW GLEN	SOUTH	—	—	C	Limited	0	—
SHARYLAND	SOUTH	—	—	D	Minimal	0	—
SHERIFFS POSSE	SOUTH	—	—	C	Limited	0	—
SILA RAY	SOUTH	—	—	D	Minimal	0	—
SIM GIDEON	SOUTH	—	—	D	Minimal	0	—
SKYLINE	SOUTH	—	—	D	Minimal	0	—
SLAUGHTER LANE	SOUTH	—	—	D	Minimal	0	—
SMI	SOUTH	—	—	D	Minimal	0	—
SOMERSET	SOUTH	—	—	C	Limited	0	—
SONTERRA	SOUTH	—	—	C	Limited	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
SOUIX	SOUTH	—	—	D	Minimal	0	—

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Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
SOUTH BATESVILLE	SOUTH	—	—	D	Minimal	0	—
SOUTH MCALLEN	SOUTH	—	—	D	Minimal	0	—
SOUTH MISSION	SOUTH	—	—	D	Minimal	0	—
SOUTH PLANT	SOUTH	—	—	D	Minimal	0	—
SOUTH SAN ANTONIO	SOUTH	—	—	C	Limited	0	—
SOUTHWEST RESEARCH INSTITUTE	SOUTH	—	—	C	Limited	0	—
SPICEWOOD	SOUTH	—	—	C	Limited	0	—
SPRINKLE	SOUTH	—	—	C	Limited	0	—
STECK	SOUTH	—	—	C	Limited	0	—
STOCKDALE	SOUTH	—	—	D	Minimal	0	—
STONEGATE	SOUTH	—	—	D	Minimal	0	—
STONEY RIDGE	SOUTH	—	—	D	Minimal	0	—
STRAHAN	SOUTH	—	—	D	Minimal	0	—
STREICH	SOUTH	—	—	C	Limited	0	—
SUMMIT	SOUTH	—	—	C	Limited	0	—
SUTHERLAND SPRINGS	SOUTH	—	—	D	Minimal	0	—
TAHITIAN VILLAGE	SOUTH	—	—	C	Limited	0	—
TALLEY ROAD	SOUTH	—	—	D	Minimal	0	—
TAP302480	SOUTH	—	—	C	Limited	0	—
TAP302498	SOUTH	—	—	D	Minimal	0	—
TAP302546	SOUTH	—	—	C	Limited	1	50
TAP302614	SOUTH	—	—	C	Limited	0	—
TAP302630	SOUTH	—	—	D	Minimal	2	100
TAP302710	SOUTH	—	—	C	Limited	0	—
TAP302743	SOUTH	—	—	C	Limited	0	—
TAP305208	SOUTH	—	—	C	Limited	0	—
TAP305263	SOUTH	—	—	C	Limited	2	100
TAP305274	SOUTH	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
TAP305284	SOUTH	—	—	C	Limited	3	150
TAP305313	SOUTH	—	—	D	Minimal	1	50
TAP305335	SOUTH	—	—	D	Minimal	1	50
TAP305358	SOUTH	—	—	C	Limited	0	—
TAP305414	SOUTH	—	—	C	Limited	0	—
TAP307846	SOUTH	—	—	C	Limited	0	—
TAP307847	SOUTH	—	—	D	Minimal	0	—
TAP307978	SOUTH	—	—	D	Minimal	1	50
TAP307992	SOUTH	—	—	D	Minimal	0	—
TAP308039	SOUTH	—	—	D	Minimal	0	—
TAP308065	SOUTH	—	—	D	Minimal	0	—
TAP308157	SOUTH	—	—	D	Minimal	0	—
TAP310545	SOUTH	—	—	D	Minimal	0	—
TAP310732	SOUTH	—	—	D	Minimal	0	—
TAP310785	SOUTH	—	—	C	Limited	2	100
TAP310793	SOUTH	—	—	C	Limited	0	—
TAP310896	SOUTH	—	—	D	Minimal	0	—
TAYLOR	SOUTH	—	—	D	Minimal	2	100
TAYLOR WEST	SOUTH	—	—	D	Minimal	1	50
TECH RIDGE	SOUTH	—	—	C	Limited	0	—
TENTH STREET	SOUTH	—	—	D	Minimal	0	—
TERRELL HILLS	SOUTH	—	—	D	Minimal	0	—
TEXAS CRYPTOLOGIC CENTER	SOUTH	—	—	C	Limited	1	45
TEXAS RESEARCH	SOUTH	—	—	C	Minimal	6	1,084
TOYOTA	SOUTH	—	—	C	Limited	0	—
TRADING POST	SOUTH	—	—	D	Minimal	0	—
TRI-COUNTY	SOUTH	—	—	D	Minimal	0	—
TRUMBO	SOUTH	—	—	C	Limited	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
TURNERSVILLE	SOUTH	—	—	D	Minimal	0	—
TUTTLE	SOUTH	—	—	D	Minimal	0	—
TXI	SOUTH	—	—	C	Limited	0	—
U.T.S.A.	SOUTH	—	—	D	Minimal	0	—
USAA #1	SOUTH	—	—	C	Limited	0	—
USAA #2	SOUTH	—	—	C	Limited	0	—
UVALDE	SOUTH	—	—	D	Minimal	0	—
VAL VERDE	SOUTH	—	—	D	Minimal	0	—
VALLEY RD	SOUTH	—	—	C	Limited	0	—
VLSI	SOUTH	—	—	C	Minimal	5	236
WALNUT CREEK	SOUTH	—	—	C	Limited	1	20
WALZEM ROAD	SOUTH	—	—	D	Minimal	0	—
WARREN	SOUTH	—	—	C	Limited	0	—
WATERPORT	SOUTH	—	—	D	Minimal	0	—
WEBBERVILLE	SOUTH	—	—	D	Minimal	0	—
WEIDERSTEIN	SOUTH	—	—	D	Minimal	0	—
WELASCO UNIT	SOUTH	—	—	D	Minimal	0	—
WELLS BRANCH	SOUTH	—	—	C	Limited	3	150
WESLACO	SOUTH	—	—	D	Minimal	0	—
WESMER	SOUTH	—	—	D	Minimal	0	—
WEST BATESVILLE	SOUTH	—	—	D	Minimal	0	—
WEST MCALLEN	SOUTH	—	—	D	Minimal	0	—
WESTOVER HILLS	SOUTH	—	—	D	Minimal	5	236
WESTSIDE	SOUTH	—	—	C	Limited	0	—
WHELESS LANE	SOUTH	—	—	C	Limited	0	—
WHITESTONE	SOUTH	—	—	D	Minimal	0	—
WILLIAMSON	SOUTH	—	—	C	Limited	0	—
WILSON	SOUTH	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
WIMBERLEY	SOUTH	—	—	D	Minimal	0	—

Source: Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens (monitor.aixenergy.io).

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
WOLF LANE	SOUTH	—	—	C	Limited	1	50
WYLDWOOD	SOUTH	—	—	C	Minimal	3	720
YORK CREEK	SOUTH	—	—	C	Minimal	3	3,600
ZAPATA	SOUTH	—	—	C	Limited	0	—
ZORN	SOUTH	—	—	C	Minimal	3	3,600
ALAMO	UNALLOCATED	—	—	D	Minimal	0	—
AMERICAS	UNALLOCATED	—	—	C	Limited	0	—
ANACACHO	UNALLOCATED	—	—	D	Minimal	0	—
ASARCO	UNALLOCATED	—	—	C	Limited	0	—
ASCARTE	UNALLOCATED	—	—	C	Limited	0	—
AUSTIN	UNALLOCATED	—	—	C	Limited	0	—
AUSTIN NORTH	UNALLOCATED	—	—	C	Limited	0	—
BERGEN	UNALLOCATED	—	—	D	Minimal	0	—
BIGGS	UNALLOCATED	—	—	D	Minimal	0	—
BORDER STEEL	UNALLOCATED	—	—	C	Limited	0	—
BRACKETVILLE	UNALLOCATED	—	—	D	Minimal	0	—
BRISCOE WIND	UNALLOCATED	—	—	D	Minimal	4	228
BUTTERFIELD	UNALLOCATED	—	—	C	Limited	2	100
CALIENTE	UNALLOCATED	—	—	D	Minimal	0	—
CHANNING	UNALLOCATED	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
CLINT	UNALLOCATED	—	—	D	Minimal	0	—
COMANCHE	UNALLOCATED	—	—	D	Minimal	0	—
COPPER	UNALLOCATED	—	—	C	Limited	0	—
COYOTE	UNALLOCATED	—	—	D	Minimal	0	—
CROMO	UNALLOCATED	—	—	C	Limited	0	—
DALLAM	UNALLOCATED	—	—	D	Minimal	0	—
DALLAS	UNALLOCATED	—	—	C	Limited	0	—
DELL CITY	UNALLOCATED	—	—	D	Minimal	0	—
DIAMOND HEAD	UNALLOCATED	—	—	C	Limited	0	—
DURANZO	UNALLOCATED	—	—	C	Limited	0	—
DYER	UNALLOCATED	—	—	C	Limited	2	100
FABENS	UNALLOCATED	—	—	D	Minimal	0	—
FARAH	UNALLOCATED	—	—	C	Limited	0	—
FELIPE	UNALLOCATED	—	—	D	Minimal	0	—
FORT BLISS	UNALLOCATED	—	—	C	Limited	2	100
GR	UNALLOCATED	—	—	C	Limited	0	—
GRUVER	UNALLOCATED	—	—	D	Minimal	0	—
HANSFORD	UNALLOCATED	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
HILLMAR CHEESE PLANT	UNALLOCATED	—	—	D	Minimal	0	—
HITCHLAND	UNALLOCATED	—	—	D	Minimal	0	—
HORIZON	UNALLOCATED	—	—	D	Minimal	0	—
IND CPLX	UNALLOCATED	—	—	D	Minimal	0	—
LANE	UNALLOCATED	—	—	C	Limited	0	—
LASLEY	UNALLOCATED	—	—	D	Minimal	0	—
LEO	UNALLOCATED	—	—	C	Limited	0	—
LIBERTY	UNALLOCATED	—	—	C	Limited	0	—
LONGHORN WIND	UNALLOCATED	—	—	D	Minimal	0	—
MANN	UNALLOCATED	—	—	C	Limited	0	—
MARLOW	UNALLOCATED	—	—	C	Limited	0	—
MESA	UNALLOCATED	—	—	C	Limited	0	—
MILAGRO	UNALLOCATED	—	—	D	Minimal	0	—
MONTOYA	UNALLOCATED	—	—	C	Limited	0	—
MONTWOOD	UNALLOCATED	—	—	D	Minimal	0	—
NEWMAN	UNALLOCATED	—	—	D	Minimal	0	—
OCHILTREE	UNALLOCATED	—	—	D	Minimal	0	—
PELICANO	UNALLOCATED	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
PENDALE	UNALLOCATED	—	—	C	Limited	0	—
PERRYTON	UNALLOCATED	—	—	D	Minimal	0	—
PHELPS DODGE	UNALLOCATED	—	—	C	Limited	0	—
PICANTE	UNALLOCATED	—	—	D	Minimal	0	—
PIPELINE	UNALLOCATED	—	—	D	Minimal	0	—
PROLER	UNALLOCATED	—	—	D	Minimal	0	—
PURCELL & RED DEER	UNALLOCATED	—	—	D	Minimal	0	—
RBEC HOGUE	UNALLOCATED	—	—	D	Minimal	0	—
RIO BOSQUE	UNALLOCATED	—	—	C	Limited	0	—
RIPLEY	UNALLOCATED	—	—	C	Limited	0	—
SANTA FE	UNALLOCATED	—	—	C	Minimal	3	3,000
SCOTTSDALE	UNALLOCATED	—	—	C	Limited	0	—
SHEARMAN	UNALLOCATED	—	—	D	Minimal	0	—
SHERMAN COUNTY	UNALLOCATED	—	—	D	Minimal	0	—
SIERRA BLANCA	UNALLOCATED	—	—	D	Minimal	0	—
SMELTER	UNALLOCATED	—	—	C	Limited	0	—
SOCORRO	UNALLOCATED	—	—	D	Minimal	0	—
SOL	UNALLOCATED	—	—	C	Limited	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
SPARKS	UNALLOCA TED	—	—	D	Minimal	0	—
SPEARMAN CITY	UNALLOCA TED	—	—	D	Minimal	0	—
SPEARMAN INTERCHANGE	UNALLOCA TED	—	—	D	Minimal	0	—
SUNSET	UNALLOCA TED	—	—	C	Minimal	3	3,000
SUNSET NORTH	UNALLOCA TED	—	—	C	Minimal	3	3,000
TAP305382	UNALLOCA TED	—	—	D	Minimal	0	—
TAP305387	UNALLOCA TED	—	—	D	Minimal	0	—
TAP307885	UNALLOCA TED	—	—	D	Minimal	0	—
TAP307976	UNALLOCA TED	—	—	D	Minimal	0	—
TAP308013	UNALLOCA TED	—	—	D	Minimal	0	—
TAP310563	UNALLOCA TED	—	—	D	Minimal	0	—

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Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
TEXAS FARMS	UNALLOCATED	—	—	D	Minimal	0	—
TEXAS FARMS TAP	UNALLOCATED	—	—	D	Minimal	0	—
THORN	UNALLOCATED	—	—	C	Limited	0	—
TROWBRIDGE	UNALLOCATED	—	—	C	Limited	0	—
TULE CANYON	UNALLOCATED	—	—	D	Minimal	4	228
VALLEY	UNALLOCATED	—	—	D	Minimal	0	—
VISCOUNT	UNALLOCATED	—	—	C	Limited	0	—
VISTA	UNALLOCATED	—	—	C	Limited	0	—
WRANGLER	UNALLOCATED	—	—	C	Limited	0	—
XIT	UNALLOCATED	—	—	D	Minimal	0	—
16TH STREET	WEST	—	—	D	Minimal	0	—
ABILENE EAST	WEST	—	—	C	Limited	0	—
ABILENE ELMCREEK	WEST	—	—	C	Minimal	0	—
ABILENE INDUSTRIAL PARK	WEST	—	—	C	Minimal	1	672
ABILENE MAPLE STREET	WEST	—	—	C	Limited	0	—
ABILENE MULBERRY CREEK	WEST	—	—	C	Minimal	1	672
ABILENE SOUTH	WEST	—	—	C	Limited	0	—
ADAIR	WEST	—	—	D	Minimal	0	—
ALPINE	WEST	—	—	D	Minimal	0	—
AMFRAC	WEST	—	—	D	Minimal	0	—
AMISTAD SWITCHYARD	WEST	—	—	D	Minimal	0	—
ARCO BP-WILLARD	WEST	—	—	D	Minimal	0	—
ATLANTIC	WEST	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
BAKERSFIELD	WEST	—	—	D	Minimal	2	100
BALLINGER HUMBLE PUMP EXXON	WEST	—	—	D	Minimal	0	—
BARILLA JUNCTION	WEST	—	—	C	Limited	0	—
BARNHAM	WEST	—	—	D	Minimal	0	—
BARNHART	WEST	—	—	D	Minimal	0	—
BELDING	WEST	—	—	C	Limited	0	—
BIG HILL	WEST	—	—	D	Minimal	0	—
BIG LAKE	WEST	—	—	D	Minimal	0	—
BIG LAKE PHILLIPS PUMP	WEST	—	—	D	Minimal	0	—
BLACK RIVER	WEST	—	—	D	Minimal	0	—
BLUFF CREEK	WEST	—	—	D	Minimal	0	—
BOARDMAN	WEST	—	—	D	Minimal	0	—
BORDEN CO	WEST	—	—	D	Minimal	0	—
BROWNFIELD CITY	WEST	—	—	D	Minimal	0	—
BROWNFIELD SWITCHING	WEST	—	—	D	Minimal	0	—
BUENA VISTA	WEST	—	—	D	Minimal	0	—
C2	WEST	—	—	D	Minimal	0	—
CALIFORNIA	WEST	—	—	D	Minimal	0	—
CAUTHORN	WEST	—	—	D	Minimal	0	—
CEDARLAKE	WEST	—	—	D	Minimal	0	—
CENTRAL BLUFF	WEST	—	—	D	Minimal	0	—
CHEYENE	WEST	—	—	D	Minimal	1	50
CIRRUS WIND	WEST	—	—	D	Minimal	0	—
CLEAR CROSSING	WEST	—	—	D	Minimal	1	50
COCHISE	WEST	—	—	D	Minimal	5	4,702
COMSTOCK	WEST	—	—	D	Minimal	0	—
CORTEZ	WEST	—	—	D	Minimal	0	—
COTTONWOOD	WEST	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
COYONOSA	WEST	—	—	C	Limited	0	—
CRANE	WEST	—	—	C	Limited	0	—
CRANE GULF #2	WEST	—	—	C	Minimal	2	4,000
CULBERSON	WEST	—	—	D	Minimal	0	—
DEL RIO	WEST	—	—	D	Minimal	0	—
DENVER CITY	WEST	—	—	D	Minimal	0	—
DERMOTT	WEST	—	—	D	Minimal	0	—
DESERT SKY	WEST	—	—	D	Minimal	0	—
DOSS	WEST	—	—	D	Minimal	0	—
DRAW	WEST	—	—	D	Minimal	0	—
DUVALL SULPHUR	WEST	—	—	D	Minimal	0	—
EAST DENVER	WEST	—	—	D	Minimal	0	—
EL MAR	WEST	—	—	D	Minimal	0	—
EL PASO	WEST	—	—	D	Minimal	0	—
FARMER	WEST	—	—	D	Minimal	0	—
FLANAGAN	WEST	—	—	D	Minimal	0	—
FORT DAVIS	WEST	—	—	D	Minimal	0	—
FORT LANCASTER	WEST	—	—	D	Minimal	0	—
FORT STOCKTON	WEST	—	—	D	Minimal	0	—
FRIEND RANCH	WEST	—	—	D	Minimal	0	—
GAINES CO	WEST	—	—	D	Minimal	0	—
GARZA	WEST	—	—	D	Minimal	0	—
GONZALES	WEST	—	—	C	Limited	0	—
GOODPASTURE	WEST	—	—	D	Minimal	0	—
GRAHAM	WEST	—	—	D	Minimal	0	—
GRASSLAND	WEST	—	—	D	Minimal	0	—
HIGG	WEST	—	—	D	Minimal	0	—
HOEFSROA2	WEST	—	—	C	Limited	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
ILLINOIS #4	WEST	—	—	D	Minimal	0	—
INDIAN MESA	WEST	—	—	D	Minimal	2	100
IRRAN	WEST	—	—	D	Minimal	0	—
JAYBEE	WEST	—	—	D	Minimal	0	—
KEYSTONE	WEST	—	—	D	Minimal	0	—
KINNEY	WEST	—	—	D	Minimal	0	—

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Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
LAKEVIEW SWITCHING STATION	WEST	—	—	D	Minimal	0	—
LONE STAR	WEST	—	—	D	Minimal	0	—
LOVING	WEST	—	—	D	Minimal	0	—
LTG MCCONAL	WEST	—	—	D	Minimal	0	—
LTG PLEASANT HILL	WEST	—	—	D	Minimal	0	—
LTG-SEAGRAV	WEST	—	—	D	Minimal	0	—
LYNN CO	WEST	—	—	D	Minimal	0	—
MARFA ALAMITO CREEK	WEST	—	—	D	Minimal	0	—
MARFA ALAMITO CREEK	WEST	—	—	D	Minimal	0	—
MESA VIEW	WEST	—	—	D	Minimal	0	—
MESA VIEW SWITCH	WEST	—	—	D	Minimal	0	—
MID AMERICA	WEST	—	—	D	Minimal	0	—
MIDWAY	WEST	—	—	D	Minimal	0	—
MIDWAY LANE PRAIRIE	WEST	—	—	D	Minimal	0	—
MONOHANS	WEST	—	—	D	Minimal	0	—
MOSS SWITCHYARD	WEST	—	—	C	Minimal	2	400
MUSTANG	WEST	—	—	D	Minimal	0	—
NORTH MCCAMEY	WEST	—	—	D	Minimal	0	—
NORTHERN NATURAL	WEST	—	—	D	Minimal	0	—
NORTHWARD	WEST	—	—	D	Minimal	0	—
ODESSA	WEST	—	—	C	Minimal	3	621
ODESSA 345	WEST	—	—	C	Minimal	3	621
ODESSA SOUTHWEST	WEST	—	—	C	Limited	0	—
ONCOR MASON	WEST	—	—	D	Minimal	4	226
ORSTED	WEST	—	—	D	Minimal	0	—
OXY CENTURY	WEST	—	—	D	Minimal	0	—
OZARK MAHONING #2	WEST	—	—	D	Minimal	0	—
PECOS	WEST	—	—	C	Minimal	5	6,468

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
PERMIAN BASIN 345	WEST	—	—	D	Minimal	0	—
PERMIAN BASIN SWITCHING STATION	WEST	—	—	D	Minimal	0	—
PERSIMMON GAP	WEST	—	—	D	Minimal	0	—
PHILLIPS PUMP #1	WEST	—	—	D	Minimal	0	—
POWELL OIL FIELD	WEST	—	—	D	Minimal	0	—
PRENTICE	WEST	—	—	D	Minimal	0	—
PRESIDIO	WEST	—	—	D	Minimal	0	—
PYOTE	WEST	—	—	D	Minimal	0	—
RILEY	WEST	—	—	D	Minimal	0	—
RIO PECOS	WEST	—	—	D	Minimal	0	—
ROYALTY	WEST	—	—	D	Minimal	0	—
ROZ	WEST	—	—	D	Minimal	0	—
RUSSELL POOL	WEST	—	—	D	Minimal	0	—
SAN ANDRES	WEST	—	—	D	Minimal	0	—
SAN ANGELO BEN FICKLIN	WEST	—	—	C	Limited	0	—
SAN ANGELO JACKSON STREET	WEST	—	—	C	Limited	0	—
SAN ANGELO RED CREEK	WEST	—	—	C	Minimal	3	3,000
SAN ANGELO SOUTHLAND HILLS	WEST	—	—	D	Minimal	0	—
SANDHILLS	WEST	—	—	C	Limited	0	—
SARAGOSA	WEST	—	—	D	Minimal	0	—
SCURRY	WEST	—	—	D	Minimal	2	200
SEAGRAVES	WEST	—	—	D	Minimal	0	—
SEMINOLE	WEST	—	—	D	Minimal	0	—
SHEFFIELD	WEST	—	—	D	Minimal	0	—
SHELL C3	WEST	—	—	D	Minimal	0	—
SHELL CO2	WEST	—	—	D	Minimal	0	—
SHERBINO I	WEST	—	—	D	Minimal	0	—
SHERBINO II	WEST	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
SOLSTICE	WEST	—	—	C	Limited	0	—
SULPHUR SPRINGS	WEST	—	—	D	Minimal	0	—
SWEETWATER EAST	WEST	—	—	C	Minimal	0	—
TAP302508	WEST	—	—	C	Limited	0	—
TAP302515	WEST	—	—	D	Minimal	0	—
TAP302530	WEST	—	—	D	Minimal	0	—
TAP302561	WEST	—	—	C	Limited	0	—
TAP302611	WEST	—	—	D	Minimal	0	—
TAP302612	WEST	—	—	D	Minimal	0	—
TAP302627	WEST	—	—	C	Limited	0	—
TAP302632	WEST	—	—	D	Minimal	0	—
TAP302673	WEST	—	—	D	Minimal	0	—
TAP302715	WEST	—	—	C	Limited	0	—
TAP302724	WEST	—	—	C	Limited	0	—
TAP305110	WEST	—	—	C	Minimal	0	—
TAP305118	WEST	—	—	C	Limited	0	—
TAP305155	WEST	—	—	D	Minimal	0	—
TAP305192	WEST	—	—	D	Minimal	0	—
TAP305193	WEST	—	—	D	Minimal	0	—
TAP305267	WEST	—	—	C	Limited	0	—
TAP305277	WEST	—	—	D	Minimal	0	—
TAP305300	WEST	—	—	D	Minimal	0	—
TAP305330	WEST	—	—	C	Limited	0	—
TAP305349	WEST	—	—	D	Minimal	0	—
TAP305365	WEST	—	—	D	Minimal	0	—
TAP305402	WEST	—	—	D	Minimal	0	—
TAP305458	WEST	—	—	C	Limited	0	—
TAP307864	WEST	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
TAP307888	WEST	—	—	C	Minimal	3	3,000

Source: Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens (monitor.aixenergy.io).

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
TAP307917	WEST	—	—	C	Limited	0	—
TAP307948	WEST	—	—	D	Minimal	0	—
TAP307958	WEST	—	—	D	Minimal	0	—
TAP308018	WEST	—	—	C	Minimal	0	—
TAP308023	WEST	—	—	D	Minimal	0	—
TAP308054	WEST	—	—	D	Minimal	0	—
TAP308071	WEST	—	—	C	Limited	0	—
TAP308106	WEST	—	—	D	Minimal	0	—
TAP308111	WEST	—	—	C	Minimal	0	—
TAP308113	WEST	—	—	C	Minimal	3	621
TAP308119	WEST	—	—	C	Minimal	2	2,000
TAP310568	WEST	—	—	D	Minimal	0	—
TAP310570	WEST	—	—	C	Limited	0	—
TAP310577	WEST	—	—	C	Minimal	0	—
TAP310581	WEST	—	—	C	Limited	1	50
TAP310632	WEST	—	—	C	Limited	0	—
TAP310667	WEST	—	—	C	Limited	0	—
TAP310670	WEST	—	—	D	Minimal	0	—
TAP310685	WEST	—	—	C	Minimal	2	400
TAP310715	WEST	—	—	C	Limited	0	—
TAP310754	WEST	—	—	D	Minimal	0	—
TAP310786	WEST	—	—	D	Minimal	0	—
TAP310808	WEST	—	—	D	Minimal	0	—
TAP310818	WEST	—	—	D	Minimal	0	—
TAP310834	WEST	—	—	D	Minimal	0	—
TAP310839	WEST	—	—	C	Limited	0	—
TAP310849	WEST	—	—	C	Limited	0	—
TAP310877	WEST	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
TAP310880	WEST	—	—	C	Limited	0	—
TAP310886	WEST	—	—	D	Minimal	0	—
TAP310891	WEST	—	—	D	Minimal	0	—
TAP310909	WEST	—	—	C	Limited	1	50
TENNECO	WEST	—	—	D	Minimal	0	—
TERRY CO	WEST	—	—	D	Minimal	0	—
TEXAS HUMBLE PUMP EXXON	WEST	—	—	D	Minimal	0	—
TEXON	WEST	—	—	D	Minimal	0	—
TOKIO	WEST	—	—	D	Minimal	0	—
TOMBSTONE	WEST	—	—	D	Minimal	0	—
TONKAWA	WEST	—	—	D	Minimal	0	—
TOYAH	WEST	—	—	D	Minimal	0	—
TWIN BUTTES	WEST	—	—	C	Limited	0	—
UNION-TEXAS	WEST	—	—	D	Minimal	0	—
UNOCAL DOLLARHIDE	WEST	—	—	D	Minimal	0	—
WARD GULF	WEST	—	—	D	Minimal	0	—
WARD SWITCH	WEST	—	—	D	Minimal	0	—
WARSHAM	WEST	—	—	C	Minimal	0	—
WASSON PUMP	WEST	—	—	D	Minimal	0	—
WASSON SWITCHING	WEST	—	—	D	Minimal	0	—
WAYMARK	WEST	—	—	D	Minimal	2	100
WELLMAN	WEST	—	—	D	Minimal	0	—
WEST SHACKELFORD	WEST	—	—	D	Minimal	0	—
WEST YATES SWITCH	WEST	—	—	D	Minimal	0	—
WEST YATES TAP	WEST	—	—	D	Minimal	0	—
WESTOVER	WEST	—	—	C	Minimal	2	400
WHITE BAKER	WEST	—	—	D	Minimal	0	—
WICKETT	WEST	—	—	D	Minimal	0	—

Substation Canonical Name	Zone	Transmission Owner	High Voltage	Evidence Tier	Readiness	Linked Reqs	Linked Exp. MW
WICKETT GULF	WEST	—	—	D	Minimal	0	—
WINKLER CO. 6	WEST	—	—	D	Minimal	0	—
WOLFCAMP	WEST	—	—	C	Limited	0	—
WOLFCAMP TAP	WEST	—	—	C	Limited	0	—
WOODWARD-1	WEST	—	—	D	Minimal	0	—
WOODWARD-2	WEST	—	—	D	Minimal	0	—
WOODWARD-TAP1	WEST	—	—	D	Minimal	0	—
WOODWARD-TAP2	WEST	—	—	D	Minimal	0	—
WOODWARD-TAP2A	WEST	—	—	D	Minimal	0	—
WOODWARD-TAP4	WEST	—	—	D	Minimal	0	—

Source: Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens (monitor.aixenergy.io).

Part VIII: Regulatory, Policy & Permitting Landscape

The integration of large industrial and computing loads in ERCOT is governed by the Public Utility Commission of Texas (PUCT), ERCOT Operating Guides, and ERCOT Nodal Protocols. As an intrastate grid outside FERC jurisdiction, Texas exercises autonomous regulatory authority over large flexible load interconnection, 4CP transmission allocation, and operational reliability.

Key Regulatory & Policy Directives

PUCT Project 55000 (Large Flexible Load Interconnection): Establishes comprehensive interconnection study standards, firm capacity allocation rules, and accelerated timeline requirements for facilities with peak demand >= 75 MW.

ERCOT Large Flexible Load (LFL) Task Force Protocols: Mandates telemetry integration, real-time SCADA status reporting, under-frequency load shedding (UFLS) participation, and rapid-curtailment response within 10 minutes to protect grid frequency during reserve scarcity events.

Four Coincident Peak (4CP) Transmission Allocation: Allocates transmission cost of service (TCOS) based on load during four 15-minute intervals across June, July, August, and September. Drives significant demand response incentives and behind-the-meter generation deployment to avoid millions in annual network transmission charges.

Key Regulatory Dockets & Commission Proceedings

Case / Docket	Filing Utility / Entity	Document Title	Filing Date
PUCT Proj. 55000	PUCT / ERCOT	Rulemaking Relating to Interconnection of Large Flexible Loads (>75 MW	2024-09-12
PUCT Proj. 54224	PUCT Staff	Reliability Standard for the ERCOT Region & Dispatchable Reserve Servi	2024-11-05
ERCOT NOGRR245	ERCOT Planning	Inverter-Based Resource Ride-Through Performance & Dynamic Stability R	2025-02-18
PUCT Proj. 52710	ERCOT LFL Task Force	Review of Large Flexible Load Interim Interconnection & Telemetry Prot	2024-06-20
PUCT Dkt. 56123	CenterPoint Energy	Application for 345 kV Houston Industrial Corridor Transmission Expans	2024-12-01
PUCT Dkt. 55890	Oncor Electric	Permian Basin Reliability Transmission Expansion CCN Application	2025-01-10

Source: Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens (monitor.aixenergy.io).

Part IX: Methodological Architecture & Complete Source Registry

AixEnergy's analytical architecture scores commercial energization probability through an additive, bounded linear combination of independent empirical feature families, coupled with an S-curve lead-time distribution:

$P(\text{eventual}) = \text{clamp}(\text{base_rate} + \sum(w_i * f_i), 0.05, 0.95)$

Base Realization Probability	35%
Active Feature Families	12 independent evidence families
Critical Path Timing S-Curves	Parametric sigmoid based on primary identified constraint
Load Realization Bounds	[0.35, 1.0]
Lead Model Architect	Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens
Institutional Platform	AixEnergy Large Load Monitor (monitor.aixenergy.io)

9.1 Authoritative Registered Source Register

Source ID	Publishing Organization	Dataset Name	Coverage	Authority	Classification
ercot_gis	Electric Reliability Council of Texas	ERCOT Generation Interconnection Status (GIS)	ERCOT (Texas)	Yes	critical

Source: Clean Energy Research, LLC dba AixEnergy by Brandon N. Owens (monitor.aixenergy.io).

DATA PROVENANCE & TAXONOMY • Primary Source Ingestion: Continuous indexing across Electric Reliability Council of Texas (ERCOT) queues, utility hosting capacity maps, regulatory dockets, EIA-860/923, and EPA CAMD. • 22 Industrial Load Personas: Standardized hourly curves for AI Clusters, Hyperscale Cloud, Semiconductor Fabs, Battery Gigafactories, and Hydrogen Electrolysis. • Substation Voltage Tiering: Multi-stage normalization resolving Bulk Grid (>=230kV), Transmission (69-229kV), and Distribution (<69kV) nodes.	PRIMARY INSTITUTIONAL USE CASES • Management & Energy Consultancies: Accelerate large load due diligence screen substation headroom, and quantify transmission cost exposure. • Hyperscalers & Project Developers: Identify high-capacity interconnection corridors, evaluate BYOG storage trade-offs, and monitor docket reforms. • Transmission Planners & Utilities: Integrate bottom-up large load growth scenarios directly into PLEXOS, Aurora, and EnCompass models.
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Platform Verification & Access: Explore the live database at [monitor.aixenergy.io](#) • Direct Inquiries: Brandon Owens • bowens@aixenergy.io