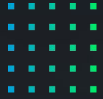


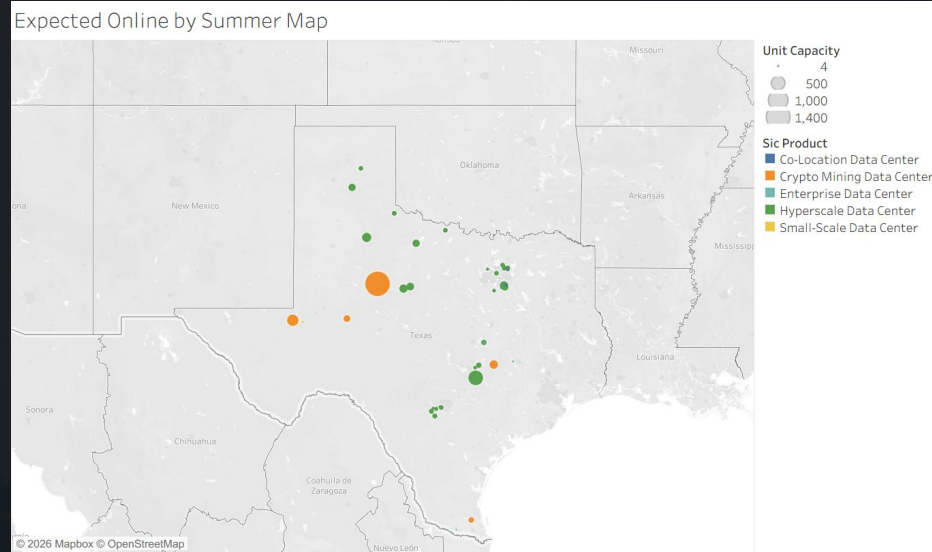
# ERCOT 2026 Vulcan Summer Analysis Using Vulcan Information

**Why guess when you can know?**





# Datacenter Expected Online By Summer



**4.7 GW of Data Center Related Demand expected to come online by August 2026 - around half are crypto mining related.**

**Mostly in Central to North West TX.**



# Datacenter Missing Online Date

## High Likely Miss Online Date

Plant Name	Unit Id	Unit St..	Month of Startup Da..	Month of Vulcan Earlies..	
Abilene (Shackelford Co..	2632064	Texas	June 2026	August 2026	140.0
Midlothian Sharka Data ..	2553049	Texas	December 2025	October 2026	30.0
Rockdale Cryptomining ..	2612644	Texas	February 2026	September 2026	179.0
Grand Total					349.0

## Likely Miss Online Date

Plant Name	Unit Id	Unit St..	Month of Startup Date	Month of Vulcan Median Online	
Abilene - Longhorn Data	2546924	Texas	July 2026	November 2026	150
Center Campus	2546930	Texas	June 2026	November 2026	150
(Stargate)	2546953	Texas	May 2026	February 2027	150
	2587917	Texas	May 2026	March 2027	150
	2587918	Texas	May 2026	April 2027	150
Abilene (Shackelford Co..	2632064	Texas	June 2026	September 2027	140
Afton AI Data Center Ca..	2643605	Texas	June 2026	March 2027	200
Austin Giga Texas Data ..	2609982	Texas	December 2025	November 2026	130
Childress AI/HPC Data C..	2644137	Texas	December 2025	December 2026	50
Denton Crypto Mining D..	2576445	Texas	September 2025	December 2026	100
Houston Data Center CT..	2594200	Texas	August 2025	August 2026	32
Irving 1 Data Center DC..	2557963	Texas	April 2026	August 2026	24
Midlothian Sharka Data..	2553049	Texas	December 2025	November 2027	30
Red Oak Data Center Ca..	2561567	Texas	June 2026	November 2026	54
Rockdale Cryptomining ..	2612644	Texas	February 2026	June 2027	179
Sweetwater 1 Cryptomi..	2609071	Texas	April 2026	February 2027	1,400
Grand Total					3,089

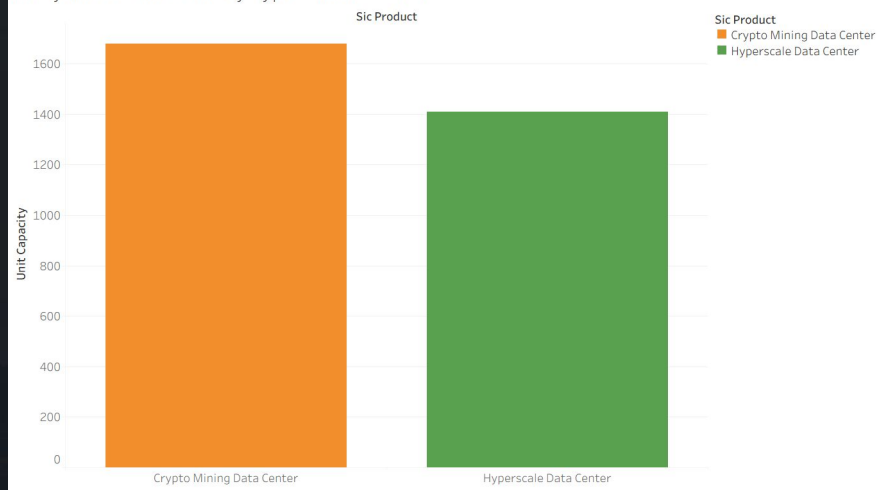
**For this summer there is 349 MW highly likely not going to be online compared to their estimated online time period per lack of construction. An incremental 2,740MW falls into the likely category totaling 3.1 GW of Data Center load not being online by summer compared to expectation.**



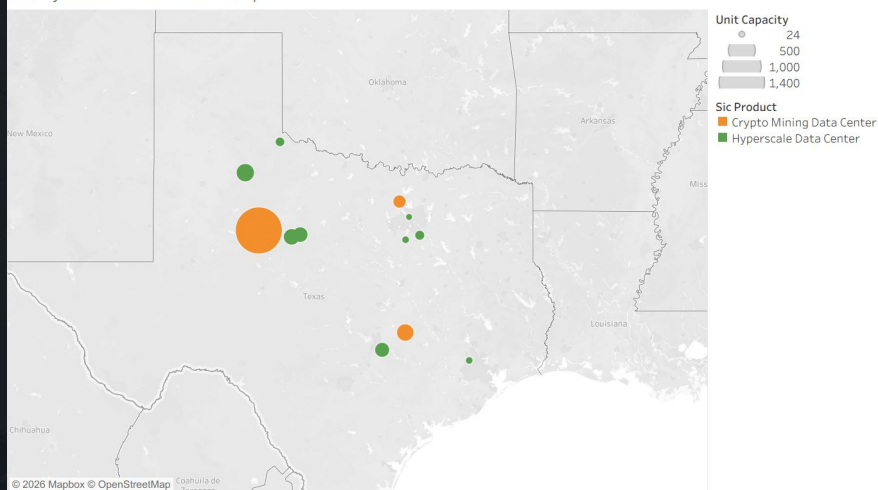


# Datacenter Missing Online Date

Likely Miss Online Date by Type of Data Center



Likely Miss Online Date Map



**Slightly more crypto delay with most located in the northern and central parts of Texas**

**Net 1.6 GW of Data Center related load can be anticipated by summer.**





## 3653205 Stargate Shackelford County (Project Frontier)

10 Units (1400 MW), DC01 Planned Operation: 6/30/2026,  
IIR Status: Under Construction, Vulcan Earliest Online: 8/23/2026  
Vulcan Median Online: 9/30/2027



Land Cleared: 9/3/2025



Unit 2 Land Cleared: 9/3/2025  
Unit 3 Land Cleared: 11/5/2025

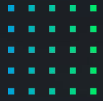


Latest: 1/12/2026

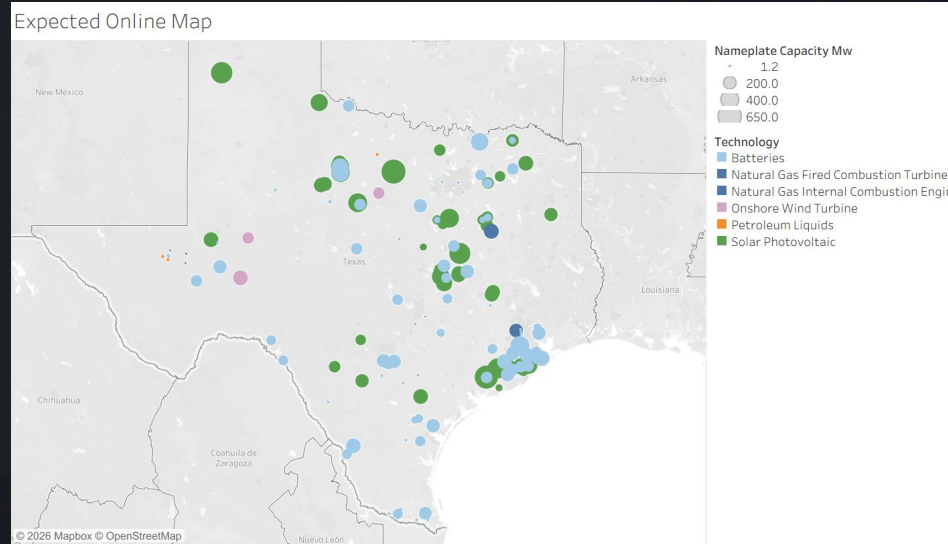
Foundations of Unit 1 with no structures. Unit is very likely to miss planned operation







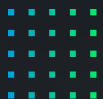
# Generation Expected Online by Summer



**22.5 GW of generation related resources (11.5 GW Solar & 9.5 GW Battery) expected to come online by August.**

**Spread across Texas with less in the West side.**





# Generation Missing Online Date

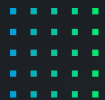
## Highly Likely Missing Online Date

Synmax Id	Plant N..	Eia Status	Plant S..	Vulcan Co..	Month of Vu..	Month of Eia ..	Month of Vulcan ..	
65310-DAWN1	Renega..	(T) Regulat..	TX	none	August 2026	June 2026	August 2026	515
65876-DESN	Desna	(U) Under c..	TX	Identified	August 2026	May 2026	August 2026	200
66306-UVPV1	Uvalde ..	(P) Planned ..	TX	Identified	August 2026	May 2026	August 2026	150
66893-TXJC2	Jones C..	(U) Under c..	TX	Identified	August 2026	January 2026	August 2026	185
67552-ELMFL	Elm Fla..	(P) Planned ..	TX	none	August 2026	June 2026	August 2026	125
68422-CALII	Callist..	(P) Planned ..	TX	Identified	August 2026	June 2026	August 2026	400
68748-TS	Tierra ..	(U) Under c..	TX	none	August 2026	February 2026	August 2026	100
69168-CRBLA	Caram..	(U) Under c..	TX	Confirmed	August 2026	May 2026	August 2026	98
69393-PHIEC	Pamela..	(P) Planned ..	TX	none	August 2026	July 2026	September 2026	100
Grand Total								1,873

## Likely Missing Online Date

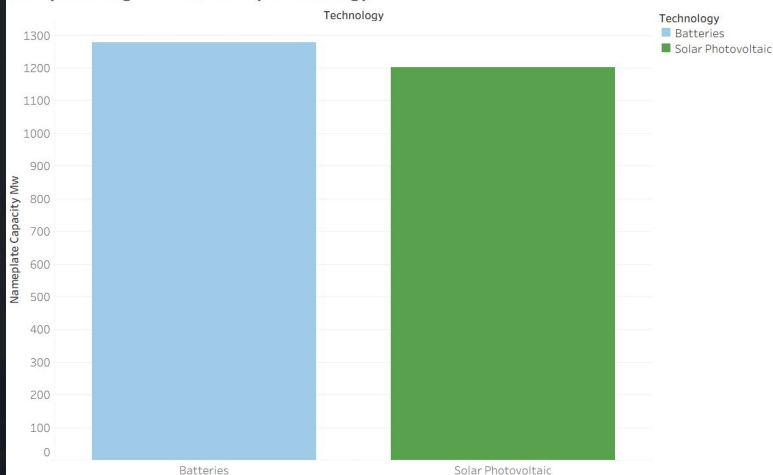
Synmax Id	Plant Name	Technology	Month of Plan..	Year of..	Vulcan Co..	Month of Vulcan ..	
64349-6666	Armadillo Solar ..	Solar Photovolta..	July 2026	Null	Null	August 2026	175
65310-DAWN1	Renegade Solar ..	Solar Photovolta..	June 2026	2026	none	August 2026	515
65876-DESN	Desna	Batteries	May 2026	2026	Identified	August 2026	200
66306-UVPV1	Uvalde Solar 1	Solar Photovolta..	May 2026	2026	Identified	August 2026	150
66893-TXJC2	Jones City 2 Solar	Solar Photovolta..	January 2026	2026	Identified	August 2026	185
67552-ELMFL	Elm Flats Solar	Solar Photovolta..	June 2026	2026	none	August 2026	125
68149-RAVEB	Raven Storage	Batteries	July 2026	Null	Null	September 2026	100
68380-ISCPV	Isaac Solar	Solar Photovolta..	July 2026	Null	Null	August 2026	52
68422-CALII	Callisto II Energy..	Batteries	June 2026	2026	Identified	August 2026	400
68748-TS	Tierra Seca	Batteries	February 2026	2026	none	August 2026	100
69167-BCKBN	Backbone Creek ..	Batteries	August 2026	2026	Confirmed	August 2026	121
69168-CRBLA	Carambola BESS	Batteries	May 2026	2026	Confirmed	August 2026	98
69246-BSOU1	BESS TX Camarin..	Batteries	July 2026	Null	Null	September 2026	10
69393-PHIEC	Pamela Heights I..	Batteries	July 2026	2026	none	September 2026	100
69423-BCNV2	Bocanova Energ..	Batteries	August 2026	2026	Confirmed	August 2026	150
Grand Total							2,481

**For this summer there is 1.9 GW highly likely not going to be online compared to their estimated online time period per lack of construction. An incremental 1.4 GW falls into the likely category totaling 2.5 GW of generation not being online by summer compared to expectation.**

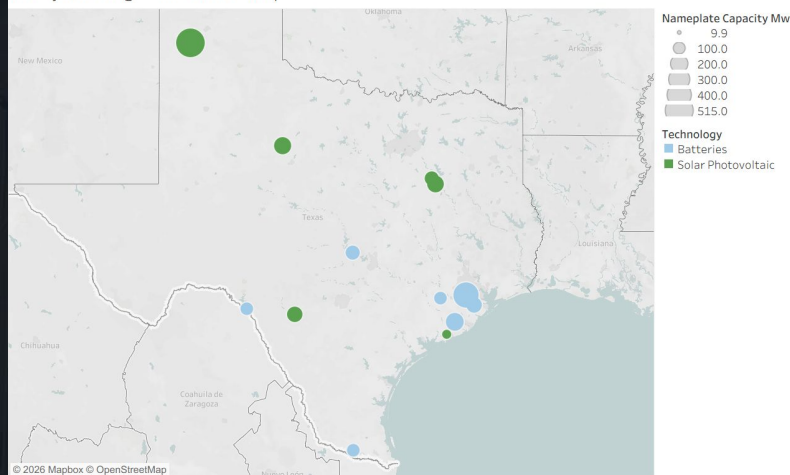


# Generation Missing Online Date

Likely Missing Online Date By Technology



Likely Missing Online Date Map



**Delays are all Batteries and Solar facilities spread across TX.**

**Net 19.4 GW of generation resources can be expected to come online by summer.**







## 66306 Uvalde Solar

150 MW, Planned Operation: 5/2026, EIA Status: Planned  
Vulcan Earliest Online: 8/4/2026



Land Cleared: 8/17/2025



First Structures: 1/6/2026

