GridVision AI

CAISO · California · Public-record retrospective

Antelope Substation 66 kV: interconnection queue history

1,120 MW filed. 90 MW built.

Fourteen interconnection requests since 2008: 5 reached commercial operation and 9 withdrew.

REQUESTS	BUILT	WITHDRAWN	STILL IN QUEUE	MEDIAN YEARS
14	**5**	**9**	**0**	**5.4**

THE QUEUE RECORD (SOURCE ROWS)

Requested	Project	Technology	MW	Outcome	Dated
2008-03-11	PV-11 (FKA PV ROSAMOND-DEL SUR)	Solar	100	Withdrawn	2011-03-23
2008-03-11	PV-3 (FKA PV ANTELOPE-DEL SUR)	Solar	100	Withdrawn	2011-03-23
2010-02-01	PV-11 EXPANSION	Solar	22	Withdrawn	2010-03-26
2010-02-01	PV-03 EXPANSION	Solar	23	Withdrawn	2010-03-26
2010-10-20	WESTERN ANTELOPE DRY RANCH	Solar	10	Built	2016-12-01
2010-12-15	CENTRAL ANTELOPE SOLAR (FKA WESTERN ANTELOPE BLUE SKY RANCH B)	Solar	20	Built	2016-05-06
2010-12-15	SIERRA SOLAR GWX (FKA SILVER SUN GREEN-WORKS)	Solar	20	Built	2015-11-30
2010-12-15	WESTERN ANTELOPE BLUE SKY RANCH A	Solar	20	Built	2014-11-14
2011-03-31	NORTH LANCASTER SOLAR (FKA WESTERN ANTELOPE DRY RANCH ADDITION)	Solar	20	Built	2016-12-31
2011-03-31	ROYAL SOLAR PROJECT	Solar	100	Withdrawn	2012-04-12
2016-05-02	CLOVER ENERGY STORAGE PLANT	Battery	300	Withdrawn	2020-10-16
2017-05-01	MUNZ SOLAR 1	Solar + battery	90	Withdrawn	2018-02-28
2020-04-15	BOBCAT ENERGY STORAGE	Battery	75	Withdrawn	2021-03-05
2023-04-17	ANGELES ENERGY STORAGE	Battery	220	Withdrawn	2024-12-02

WHAT THE RECORD SHOWS

- 1,030 MW of the 1,120 MW filed here withdrew, and 90 MW reached commercial operation.
- Completions here took between 3.9 and 6.1 years from request to commercial operation (median 5.4).
- The largest request filed here, 300 MW (battery), withdrew 4.5 years after filing.
- Three requests were filed on 2010-12-15; all of them reached operation.

This is a reading of a public dataset, not a customer case study: no engagement, customer or client is involved. The dataset records outcomes — what was built, what withdrew, and when — but not why any project withdrew, so no cause is attributed here. Nothing on this page claims GridVision predicted, influenced or would have changed any outcome, and a pattern at one point of interconnection does not generalise to another.

Source: Lawrence Berkeley National Laboratory, Queued Up: 2026 Edition — project-level interconnection queue dataset. Interconnection requests through year-end 2025. Used under CC BY 4.0; attribution to Lawrence Berkeley National Laboratory and GridTracker. https://gridvisionai.com/retrospectives/caiso-antelope-substation-66-kv