

Resource Tracking Data

Data current as of March 2026



California Public
Utilities Commission



Notes on Resource Tracking Data

- **Notes on Online MWs data**

- All data are derived from CAISO [Master Generating Capability List](#), and CPUC [NQC Lists](#) with online dates between **Jan 1, 2020 – March 31, 2026**.
- Nameplate Capacity is shown as “Net Dependable Capacity” in the CAISO Master Generating List file.
- Data shown excludes imports, except where specified.
- NQC values are “Estimated September NQC” and subject to change based on counting rules or changes to resource configurations.
- Data showing “Number of Projects” is derived by counting each unique CAISO resource ID as a project.
- “Natural Gas” includes Alamitos Unit 7 (675 MW) and Huntington Beach (674 MW), online in Feb 2020.

- **Notes on Expected New MWs**

- All data are from LSE self-reported contracting for projects expected to come online between 2026 and 2029.
- Data are subject to change as the CPUC gets updated information from LSEs, IOU interconnection departments, developers and others.
- CPUC staff continue to refine the data included herein. Data in this presentation are current up until March 2026 and any subsequent postings will supersede prior postings.
- **Data included here are only the projects under contract to CPUC jurisdictional LSEs, and do not include all resources being developed in the state nor the CAISO footprint.**

- **Notes on Differences between Resource Tracking Data and IRP Compliance**

- Due to numerous differences, such as varied baselines and resource eligibility for compliance, data on New MW Online plus New MW Expected do not exactly match progress towards IRP compliance orders. For information on compliance with IRP Procurement orders, see compliance updates at [IRP Procurement Track \(ca.gov\)](#).

- **Notes on Updates and Questions**

- For the most up-to-date data publicly available, please visit the CPUC's Summer Reliability page.
- For any questions about the data, please contact irpdatarequest@cpuc.ca.gov

Part 1: New MW Online

- New Resources Online from 1/1/2020 to 3/31/2026
 - By Nameplate, NQC, and Number of Projects
- New Resources Online by Year and Resource Type
 - By Nameplate and NQC
- New IRP Procurement Resources Online by Year and Resource Type
 - By Nameplate and NQC

Data includes projects online as of March 31, 2026

New MWs - Key Takeaways

Total New MW Online between 1/1/2020 - 3/31/2026

	Nameplate Capacity (MW)	Estimated Sept. Net Qualifying Capacity (NQC) MW	Number of Projects by Resource IDs
New SB100 Resources, IN-CAISO	27,316	17,896	415
New Resources, IN-CAISO (includes Natural Gas)	28,867	19,393	434
Total New Reliability Resources, including Imports	31,382	20,816	461

Note: SB100 resources include all eligible renewable energy resources and zero-carbon resources for compliance with California's SB 100 clean energy targets.

Total Storage Online (all time)

	Nameplate Capacity (MW)	Estimated Sept. Net Qualifying Capacity (NQC) MW	Number of Projects by Resource IDs
Battery Energy Storage Systems (BESS) Projects (Including Standalone BESS & Hybrids)	16,068	14,834	235 (incl. 32 hybrids)

Note: MW only include storage portion of hybrids. Includes CAISO imports.

New Energy Resources Online

Data includes projects online as of March 31, 2026

New Resources Additions, January 1, 2020 – March 31, 2026, Cumulative

Technology Type	Nameplate Capacity MW	Estimated Sept. Net Qualifying Capacity (NQC) MW	Number of Projects
STORAGE	14,589	13,512	191
SOLAR	9,444	2,614	158
HYBRID (STORAGE/SOLAR)	2,045	1,477	29
WIND	1,154	261	23
GEOHERMAL	41	31	1
BIOGAS, BIOMAS, HYDRO	44	0.1	13
Subtotal Total New SB100 Resources, IN-CAISO	27,316	17,896	415
NATURAL GAS, incl. Alamitos & Huntington Beach	1,551	1,498	19
Total New Resources, IN-CAISO	28,867	19,393	434
New Imports, Pseudo-Tie or Dynamically Scheduled	2,515	1,423	27
Total New Resources, including Imports	31,382	20,816	461

Notes:

All data shown derived from CAISO [Master Generating Capability List](#), and CPUC [NQC Lists](#).

Nameplate Capacity is shown as "Net Dependable Capacity" in the CAISO Master Generating List file. Data shown excludes imports, except where specified. All NQC values are "September NQC" and subject to change based on counting rules and additions to monthly CPUC NQC Lists. "Project" is defined as a unique CAISO resource ID. "Natural Gas" includes Alamitos Unit 7 (675 MW) and Huntington Beach (674 MW) added in Feb 2020. SB100 resources include all eligible renewable energy resources and zero-carbon resources for compliance with California's SB 100 clean energy targets.

New MWs Online - Nameplate

By Year and Resource Type

Data includes projects online as of March 31, 2026

Technology Type	2020	2021	2022	2023	2024	2025	2026	Total MW	# Projects
SOLAR	1,300	1,048	913	2,482	2,227	1,426	48	9,444	158
STORAGE	101	1,703	1,907	2,528	3,553	4,536	262	14,589	191
HYBRID (SOLAR + STORAGE)	0	26	890	354	503	399	1	2,045	29
WIND	16	304	367	154	260	27	0	1,154	23
GEOHERMAL	0	0	0	0	41	0	0	41	1
HYDRO	26	0	0	0	0	0	0	26	4
BIOMASS	0	2	3	3	0.5	3	0	11	5
BIOGAS	1	0	2	3	0	2	0	8	4
Subtotal Total New SB100 Resources, IN-CAISO	1,444	3,083	4,082	5,521	6,584	6,393	311	27,316	415
NATURAL GAS, incl. Alamitos & Huntington Beach	1,448	17	12	0	63	13	0	1,551	19
Total New Resources, IN-CAISO	2,892	3,100	4,094	5,521	6,647	6,406	311	28,867	434
New Imports, Pseudo-Tie or Dynamically Scheduled	695	807	49	50	282	459	170	2,515	27
Total New Resources, including Imports	3,587	3,907	4,143	5,571	6,928	6,865	481	31,382	461

New MWs Online - Sept NQC

By Year and Resource Type

Data includes projects online as of March 31, 2026

Technology Type	2020	2021	2022	2023	2024	2025*	2026*	Total MW	# Projects
SOLAR	455	452	325	606	522	254	0	2,614	158
STORAGE	100	1,608	1,906	2,459	3,499	3,863	77	13,512	191
HYBRID (SOLAR + STORAGE)	0	15	573	243	331	316	0	1,477	29
WIND	3	65	80	33	69	12	0	261	23
GEOHERMAL	0	0	0	0	31	0	0	31	1
HYDRO	0	0	0	0	0	0	0	0	4
BIOMASS	0	0	0	0	0	0	0	0	5
BIOGAS	0	0	0	0	0	0	0	0	4
Subtotal Total New SB100 Resources, IN-CAISO	558	2,140	2,882	3,341	4,453	4,444	77	17,896	415
NATURAL GAS, incl. Alamitos & Huntington Beach	1,448	15	11	0	12	11	0	1,498	19
Total New Resources, IN-CAISO	2,006	2,156	2,893	3,341	4,465	4,455	77	19,393	434
New Imports, Pseudo-Tie or Dynamically Scheduled	390	387	33	50	201	362	0	1,423	27
Total New Resources, including Imports	2,396	2,543	2,927	3,391	4,666	4,817	77	20,816	461

New MWs Online - Sept NQC

By Year and Transmission Access Charge (TAC) Area

Data includes projects online as of March 31, 2026

TAC Area	2020	2021	2022	2023	2024	2025*	2026*	Total MW	# Projects
EAST CENTRAL (SOUTHERN CALIFORNIA EDISON COMPANY)	1,776	1,222	2,059	1,988	3,328	2,721	0	13,095	268
NORTH (PACIFIC GAS AND ELECTRIC)	230	741	715	1,082	781	805	77	4,430	122
SOUTH (SAN DIEGO GAS AND ELECTRIC)	0	192	120	271	356	929	0	1,868	44
Total New Resources, IN-CAISO	2,006	2,156	2,893	3,341	4,465	4,455	77	19,393	434
New Imports, Pseudo-Tie or Dynamically Scheduled	390	387	33	50	201	362	0	1,423	27
Total New Resources, including Imports	2,396	2,543	2,927	3,391	4,666	4,817	77	20,816	461

*Note: Some new projects have not yet made it onto the CPUC's monthly NQC list and have not yet been assigned NQC. Future reports will include updated NQC amounts for these resources.

New MWs Online

March 2026 Additions

Data includes projects online as of March 31, 2026

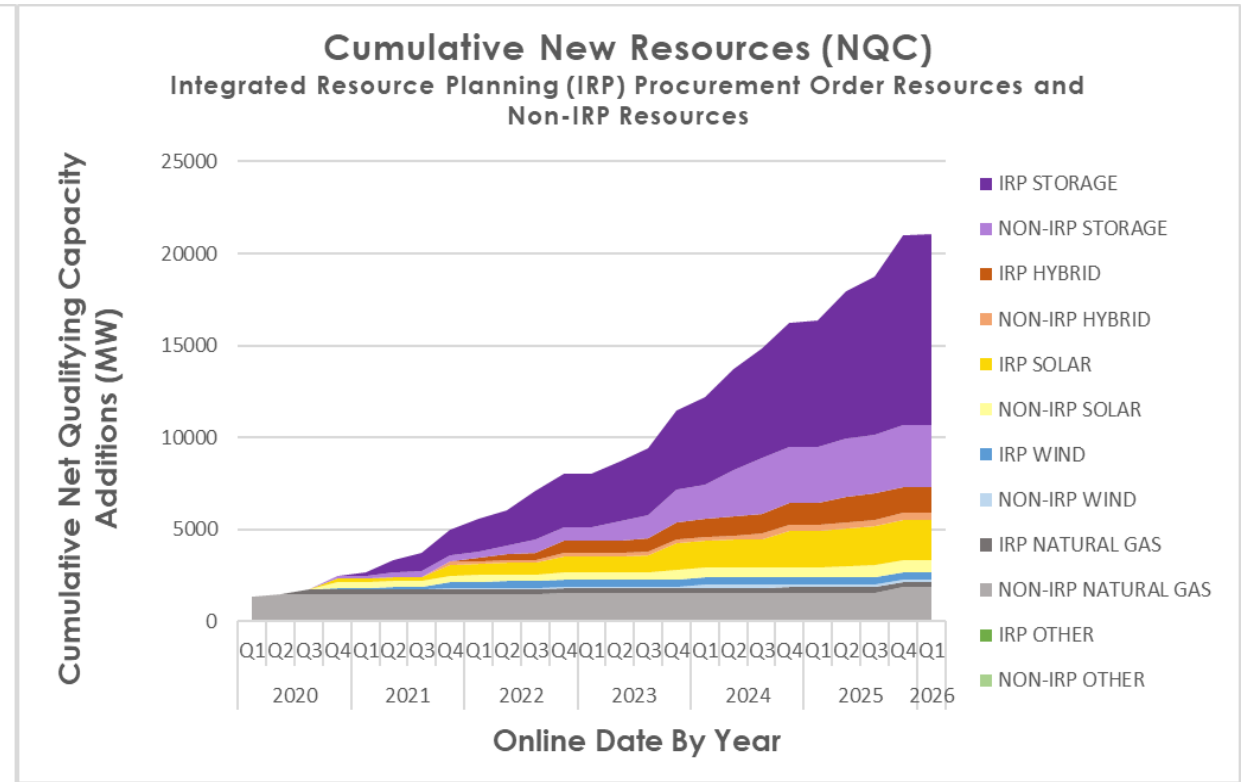
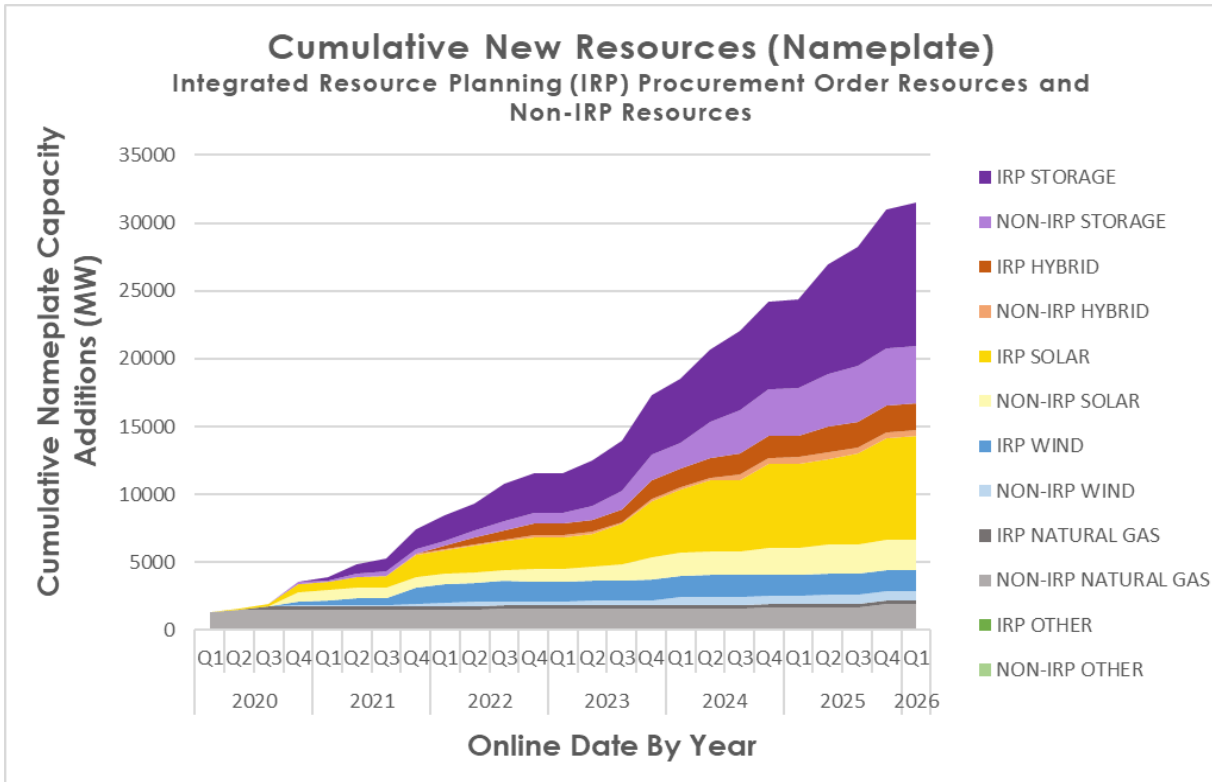
Technology Type	Nameplate Capacity MW	Estimated Sept. Net Qualifying Capacity (NQC) MW	# Projects
STORAGE	170	0*	3
SOLAR	40	0*	1
HYBRID	1	0*	1
Total New Resources, IN-CAISO	211	0*	5
New Imports, Pseudo-Tie or Dynamically Scheduled	170	0*	4
Total New Resources, including Imports	381	0*	9

IRP Procurement

Technology Type	Nameplate Capacity MW	Estimated Sept. Net Qualifying Capacity (NQC) MW	# Projects
STORAGE	90	0*	2
SOLAR	40	0*	1
Total New Resources, IN-CAISO	130	0*	3
New Imports, Pseudo-Tie or Dynamically Scheduled	170	0*	4
Total New Resources	300	0*	7

Data includes projects online as of March 31, 2026

Total New Procurement By Year and Resource Type

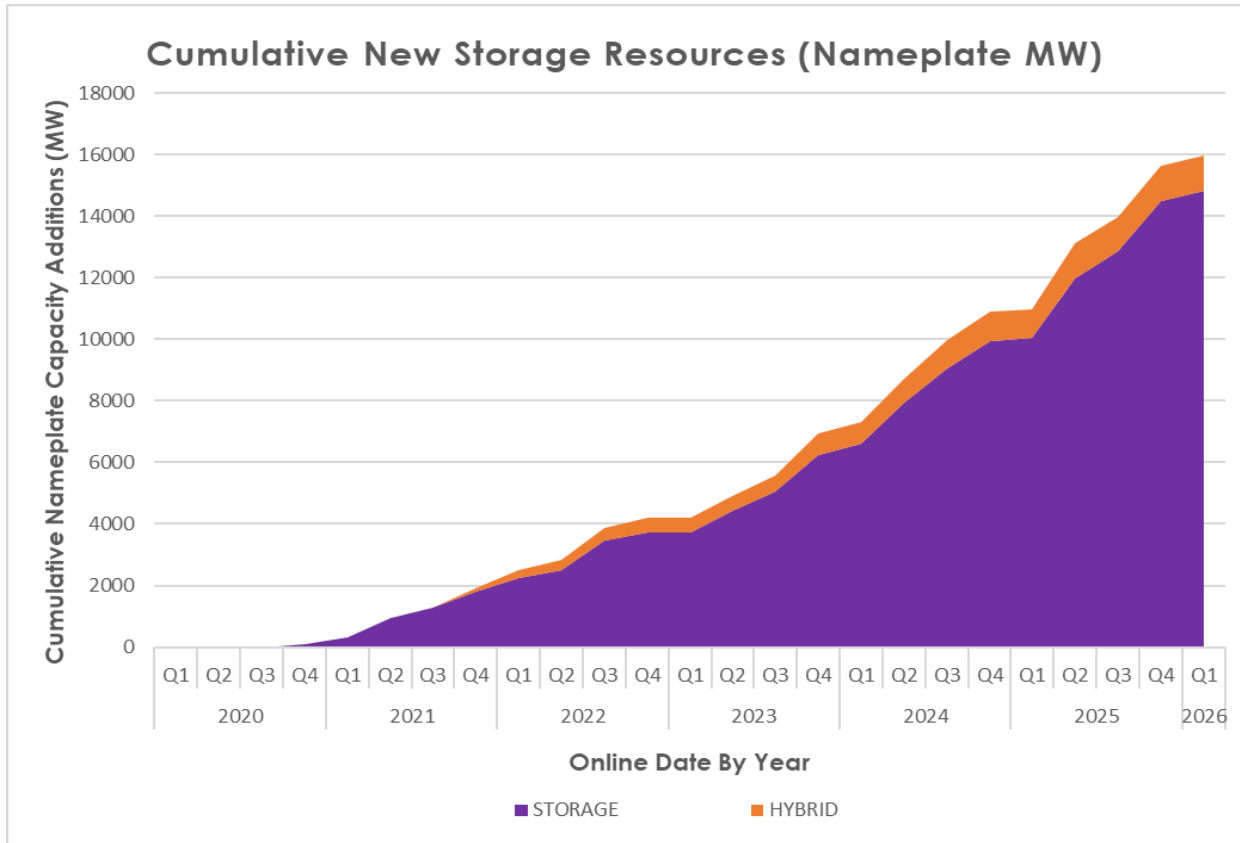


Note: Data shown here shows a snapshot of new resources added to the CAISO grid Q1 2020 – Q1 2026, including specified CAISO imports. "Other" resources include geothermal, biomass, biogas, and hydropower. Hybrids include some storage, and some other (usually solar) technology. "IRP Procurement Order Resources" refer to resources claimed for compliance with IRP Procurement Orders; "Non-IRP Resources" include resources that are not counting towards IRP Procurement order compliance, which occurs for a variety of reasons such as the resource was in development prior to IRP orders, the resource is energy-only, the resource is not under contract to a CPUC jurisdictional entity, etc.

NQC = Net qualifying capacity (NQC) and represents the amount the resource contributes to reliability; NQC can vary over time, and for each month of the year; the values shown are indicative of September NQC values for the resources.

Total Storage Online By Year

Data includes projects online as of March 31, 2026



Note: Data shown here shows a snapshot of new resources added to the CAISO grid Q1 2020 – Q1 2026, including specified CAISO imports. Hybrids include some storage, and some other (usually solar) technology. MW shown here only include the storage portion of hybrids.

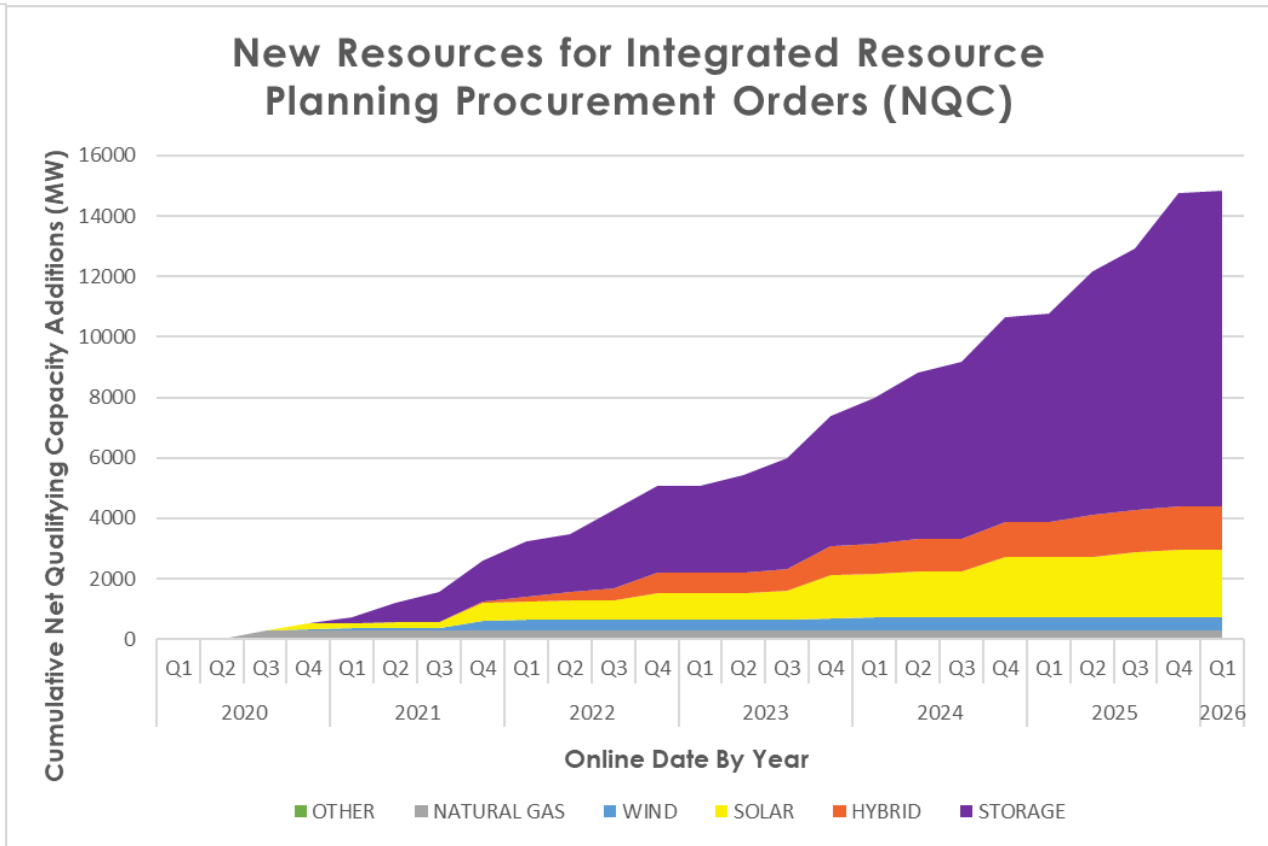
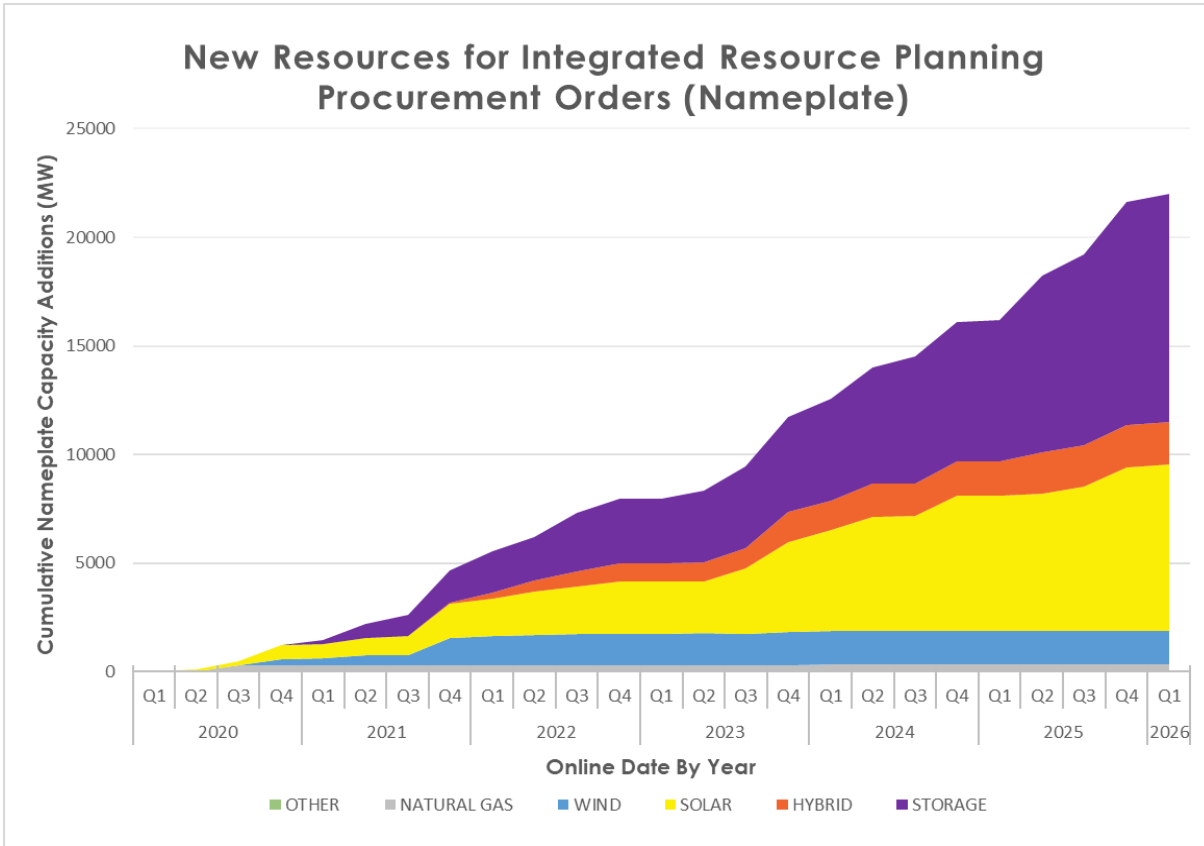
- **Installed to date:** 16,000 MW of storage nameplate capacity is online serving the grid as of March 2026, including imports.
 - Includes ~150 MW of storage added prior to 2020
 - Includes standalone battery storage and the storage component of hybrid resources
- **Expected future installs:** An additional 13,000 MW of storage resources is under contract and expected to come online by 2029.

Part 2: Integrated Resource Planning Compliance

- New IRP Procurement MW by Year and Resource Type- Nameplate
- New IRP Procurement MW by Year and Resource Type – NQC

New IRP Procurement By Year and Resource Type

Data includes projects online as of March 31, 2026



Note: Data shown here shows a snapshot of new resources added to the CAISO grid Q1 2020 – Q1 2026 for compliance with Integrated Resource Planning (IRP) procurement orders, including specified CAISO imports. "Other" resources includes geothermal, biomass, biogas, and hydropower. Hybrids include some storage, and some other (usually solar). Additional resources have come online for other reasons in this time period but are not included in these figures. See: [IRP Procurement Track \(ca.gov\)](https://www.cpuc.ca.gov/IRP-Procurement-Track) for more information about IRP Procurement Order Compliance.

Part 3: Expected New MWs based on LSE Contracts to date

- Expected New MW by Year and Resource Type- Nameplate
- Expected New MW by Year and Resource Type – NQC
- Total New Energy Resources Online and Under Contract - Nameplate

New MWs Expected - Nameplate

By Year and Resource Type, including imports

Data includes projects expected/under contract as of March 12, 2026

Resource Type	2026	2027	2028	2029	Total
Solar	1,684	1,804	1,140	600	5,228
Battery Storage	3,324	3,146	2,351	405	9,226
Paired/Hybrid	1,663	1,782	766	-	4,211
Wind	2,213	-	80	-	2,293
Geothermal	116	170	480	30	795
Biomass/Biogas	10	3	-	-	13
Totals	9,008	6,905	4,818	1,035	21,766

- Roughly 22,000 MW nameplate of future contracts are expected to meet CPUC's procurement order obligations.
- Majority of new resource MWs are expected to be battery storage and solar.
- Other types of resources are eligible to meet orders and may be contracted in the future.

New MWs Expected - NQC

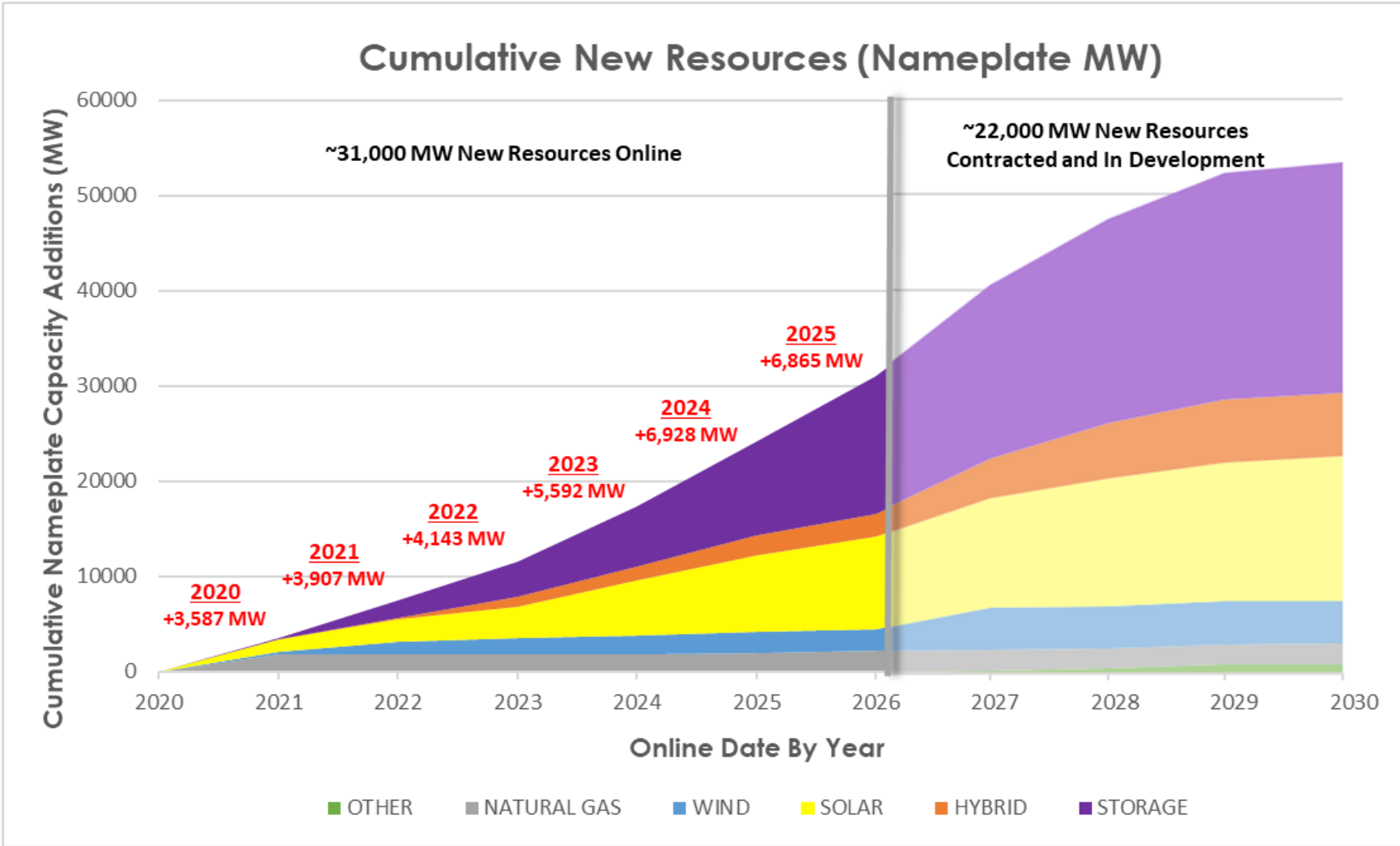
By Year and Resource Type, including imports

Data includes projects expected/under contract as of March 12, 2026

Resource Type	2026	2027	2028	2029	Total
Solar	353	1,129	18	234	1,734
Battery Storage	2,924	3,083	2,300	405	8,712
Paired/Hybrid	963	1,253	473	-	2,690
Wind	589	-	80	-	669
Geothermal	112	166	470	27	774
Biomass/Biogas	10	0	-	-	10
Totals	4,952	5,631	3,341	665	14,589

- Nearly 15,000 MW NQC of future contracts are expected to meet CPUC's procurement order obligations.
- Majority of new resource MWs are expected to be battery storage.
- Other types of resources are eligible to meet orders and may be contracted in the future.

Total New Energy Resources Online and Under Contract



Note: Data shown here shows a snapshot of new resources added to CAISO grid Q1 2020 – Q1 2026, including specified CAISO imports. Also shown is a projection of future new resources based on contracts in place by March 2026. "Other" resources includes geothermal, biomass, biogas, and hydropower.

Links to Other Key References on New Resource Development

References to Related Information

- (1) Tracking Energy Development Task Force – [Tracking Energy Development \(ca.gov\)](#)
- (2) Joint Agency Reliability Planning Assessments – pursuant to SB 846
 - [May 2024 Report](#)
 - [August 2024 Report](#)
 - [March 2025 Report](#)
 - [May 2025 Report](#)
 - [August 2025 Report](#)
- (3) California Energy Commission's Energy Almanac - [Energy Almanac \(ca.gov\)](#)
- (4) CAISO Key Energy Statistics: [Media resources | California ISO \(caiso.com\)](#)
- (5) Overview of CPUC IRP Procurement Orders – [IRP Procurement Track \(ca.gov\)](#)
- (6) Overview of CPUC Jurisdictional LSE Procurement in Compliance with IRP Procurement Orders
 - [California Public Utilities Commission \(CPUC\) Staff Review of Load-Serving Entities' \(LSEs'\) Compliance with the Mid-Term Reliability \(MTR, D.21-06-035\) and Supplemental MTR \(SMTR, D.23-02-040\) Decisions, 7/10/2025](#)
 - [Procurement in Compliance with D.19-11-016 and Mid Term Reliability \(D.21-06-035\) per December 1, 2023, 10/9/2024](#)
 - [Procurement in Compliance with D.19-11-016 and Mid Term Reliability \(D.21-06-035\) per August 1, 2023, 4/22/2024](#)
 - [Procurement in Compliance with D.19-11-016 and Mid Term Reliability \(D.21-06-035\) per February 1, 2023, 11/2/2023](#)
 - [Procurement in Compliance with D.19-11-016 per August 1, 2022 Filings, 2/13/2023](#)
 - [Procurement in Compliance with D.19-11-016 per February 1, 2022 Filings, 7/22/2022](#)
 - [Procurement in Compliance with D.19-11-016 per February 1, 2021 Filings, 8/23/2021](#)

For any questions about the data, please contact irpdatarequest@cpuc.ca.gov