Resource Tracking Data

Data current as of September 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 – September 30, 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 September 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 any questions about the data, please contact irpdatarequest@cpuc.ca.gov

Part 1: New MW Online

- New Resources Online from 1/1/2020 to 9/30/2026
  - 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 September 30, 2026

New MWs - Key Takeaways

Total New MW Online between 1/1/2020 - 9/30/2026

	Nameplate Capacity (MW)	Estimated Sept. Net Qualifying Capacity (NQC) MW	Number of Projects by Resource IDs
New SB100 Resources, IN-CAISO	29,758	18,451	451
New Resources, IN-CAISO (includes Natural Gas)	31,312	19,950	471
Total New Reliability Resources, including Imports	**37,345**	**22,502**	**499**

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)	**16,909**	**15,582**	**251 (incl. 33 hybrids)**

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

New Energy Resources Online

Data includes projects online as of September 30, 2026

New Resources Additions, January 1, 2020 – September 30, 2026, Cumulative

Technology Type	Nameplate Capacity MW	Estimated Sept. Net Qualifying Capacity (NQC) MW	Number of Projects
STORAGE	15,373	14,208	206
SOLAR	10,928	2,519	176
HYBRID (STORAGE/SOLAR)	2,095	1,432	30
WIND	1,280	261	26
GEOTHERMAL	41	31	1
BIOGAS, BIOMAS, HYDRO	42	0.5	12
Subtotal Total New SB100 Resources, IN-CAISO	**29,758**	**18,451**	**451**
NATURAL GAS, incl. Alamitos & Huntington Beach	1,554	1,499	20
Total New Resources, IN-CAISO	**31,312**	**19,950**	**471**
New Imports, Pseudo-Tie or Dynamically Scheduled	6,033	2,552	28
Total New Resources, including Imports	**37,345**	**22,502**	**499**

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 September 30, 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	1,398	10,928	176
STORAGE	101	1,303	1,907	2,489	3,553	4,536	1,484	15,373	206
HYBRID (SOLAR + STORAGE)	0	26	762	354	503	399	51	2,095	30
WIND	16	304	367	154	286	27	127	1,280	26
GEOTHERMAL	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	0	0	2	0	5	3
Subtotal Total New SB100 Resources, IN-CAISO	**1,444**	**2,682**	**3,954**	**5,481**	**6,610**	**6,393**	**3,060**	**29,758**	**451**
NATURAL GAS, incl. Alamitos & Huntington Beach	1,448	17	12	3	62	13	0	1,554	20
Total New Resources, IN-CAISO	**2,892**	**2,699**	**3,966**	**5,484**	**6,672**	**6,406**	**3,060**	**31,312**	**471**
New Imports, Pseudo-Tie or Dynamically Scheduled	695	809	50	50	282	459	3,820	6,033	28
Total New Resources, including Imports	**3,588**	**3,508**	**4,016**	**5,534**	**6,954**	**6,865**	**6,880**	**37,345**	**499**

New MWs Online - Sept NQC

By Year and Resource Type

Data includes projects online as of September 30, 2026

Technology Type	2020	2021	2022	2023	2024	2025	2026*	Total MW	# Projects
SOLAR	453	396	254	606	476	258	75	2,519	176
STORAGE	77	1,157	1,902	2,414	3,493	3,866	1,298	14,208	206
HYBRID (SOLAR + STORAGE)	0	14	559	244	303	312	0	1,432	30
WIND	3	65	80	33	69	12	0	261	26
GEOTHERMAL	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	3
Subtotal Total New SB100 Resources, IN-CAISO	**533**	**1,632**	**2,794**	**3,297**	**4,372**	**4,448**	**1,464**	**18,451**	**451**
NATURAL GAS, incl. Alamitos & Huntington Beach	1,448	15	11	1	12	11	0	1,499	20
Total New Resources, IN-CAISO	**1,981**	**1,648**	**2,805**	**3,298**	**4,384**	**4,460**	**1,374**	**19,950**	**471**
New Imports, Pseudo-Tie or Dynamically Scheduled	390	387	33	50	150	362	1,180	2,552	28
Total New Resources, including Imports	**2,371**	**2,035**	**2,839**	**3,348**	**4,534**	**4,821**	**2,554**	**22,502**	**499**

*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 - Sept NQC

By Year and Transmission Access Charge (TAC) Area

Data includes projects online as of September 30, 2026

TAC Area	2020	2021	2022	2023	2024	2025	2026*	Total MW	# Projects
EAST CENTRAL (SOUTHERN CALIFORNIA EDISON COMPANY)	1,752	1,135	1,972	1,991	3,347	2,715	534	13,444	286
NORTH (PACIFIC GAS AND ELECTRIC)	230	341	715	1,082	683	794	341	4,186	136
SOUTH (SAN DIEGO GAS AND ELECTRIC)	0	172	118	226	354	951	500	2,321	49
Total New Resources, IN-CAISO	**1,981**	**1,648**	**2,805**	**3,298**	**4,384**	**4,460**	**1,374**	**19,950**	**471**
New Imports, Pseudo-Tie or Dynamically Scheduled	390	387	33	50	150	362	1,180	2,552	28
Total New Resources, including Imports	**2,371**	**2,035**	**2,839**	**3,348**	**4,534**	**4,821**	**2,554**	**22,502**	**499**

*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

September 2026 Additions

Data includes projects online as of September 30, 2026

Technology Type	Nameplate Capacity MW	Estimated Sept. Net Qualifying Capacity (NQC) MW	# Projects
STORAGE	52	0*	2
WIND	127	0*	3
Total New Resources, IN-CAISO	**179**	**0***	**5**
New Imports, Pseudo-Tie or Dynamically Scheduled	0	0	0
Total New Resources, including Imports	**179**	**0***	**5**

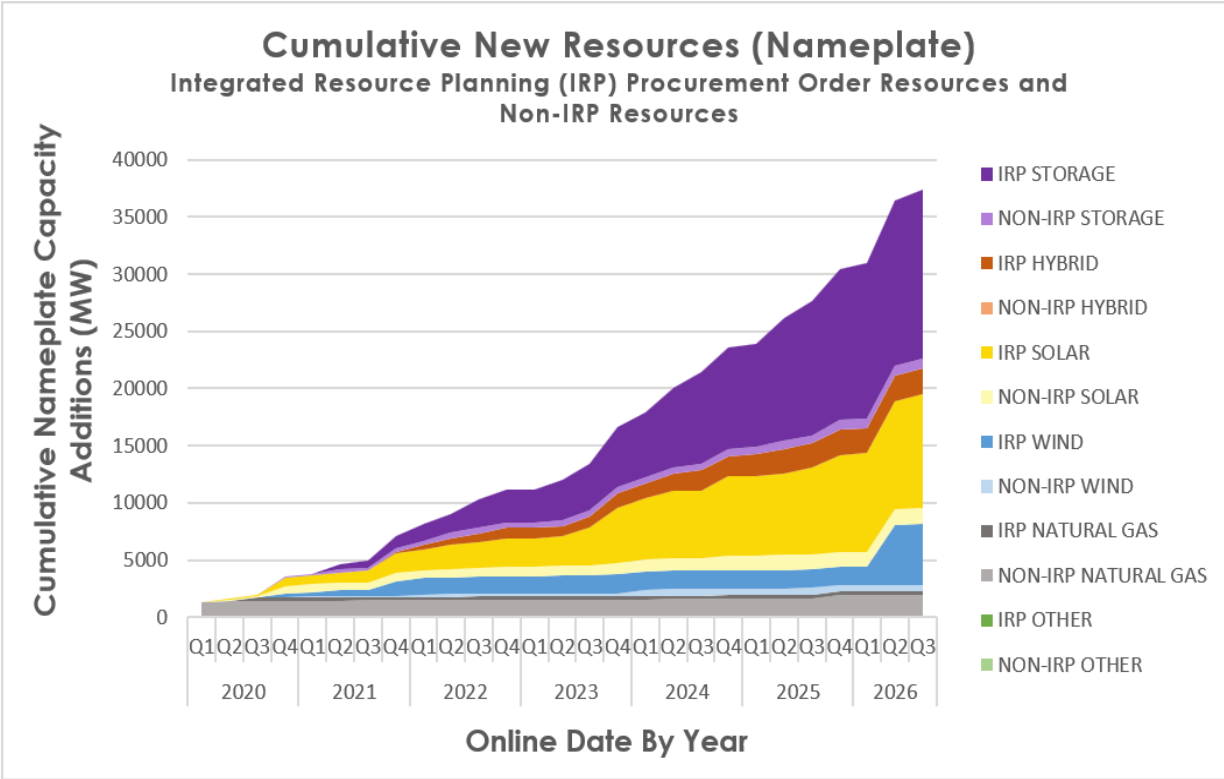
IRP Procurement

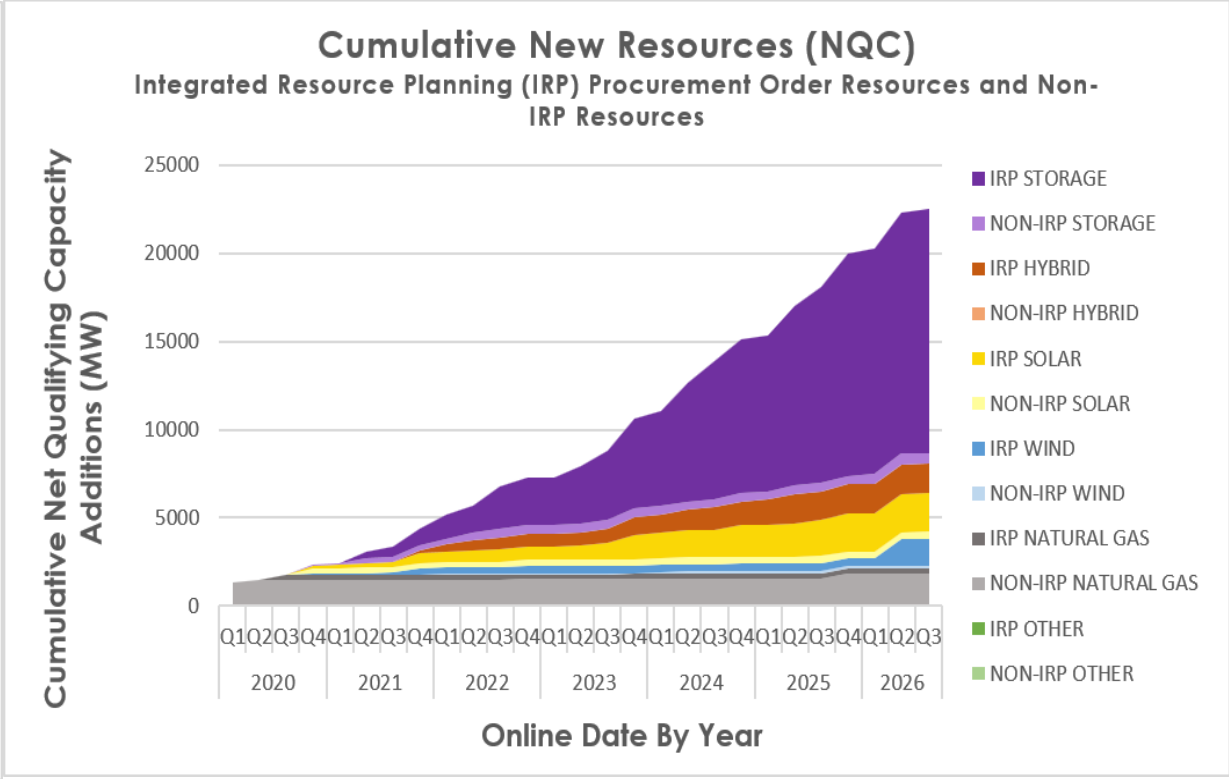
Technology Type	Nameplate Capacity MW	Estimated Sept. Net Qualifying Capacity (NQC) MW	# Projects
STORAGE	50	0*	1
WIND	127	0*	3
Total New Resources, IN-CAISO	**177**	**0***	**4**
New Imports, Pseudo-Tie or Dynamically Scheduled	0	0	0
Total New Resources	**177**	**0***	**4**

*Note: 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.

Total New Procurement
By Year and Resource Type

Data includes projects online as of September 30, 2026

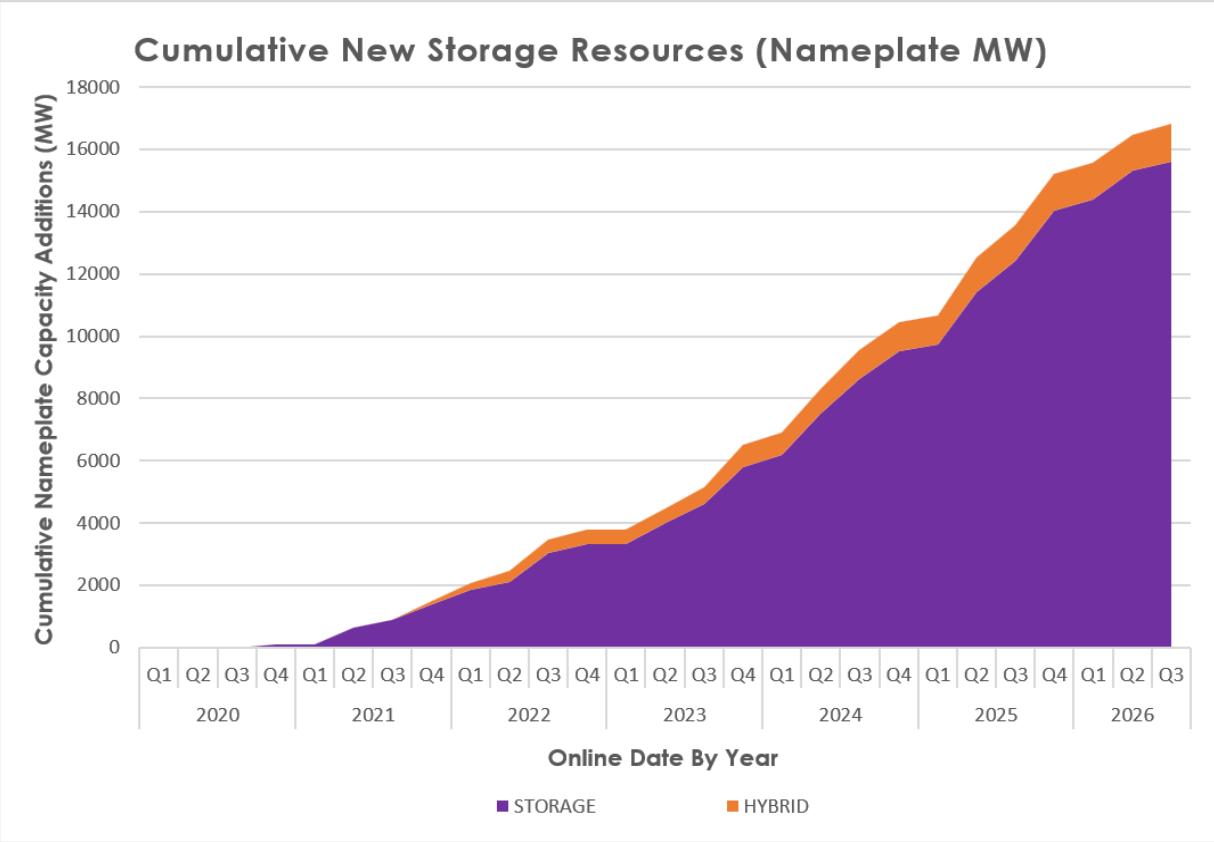




Note: Data shown here shows a snapshot of new resources added to the CAISO grid Q12020 – Q3 2026, including specified CAISO imports. "Other" resources include geothermal, biomass, biogas, and hydropower. Hybrids include some storage, and some other (usually solar) technology. "IRP Procurement Order Resources" 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 September 30, 2026



Note: Data shown here shows a snapshot of new resources added to the CAISO grid Q1 2020 – Q3 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.

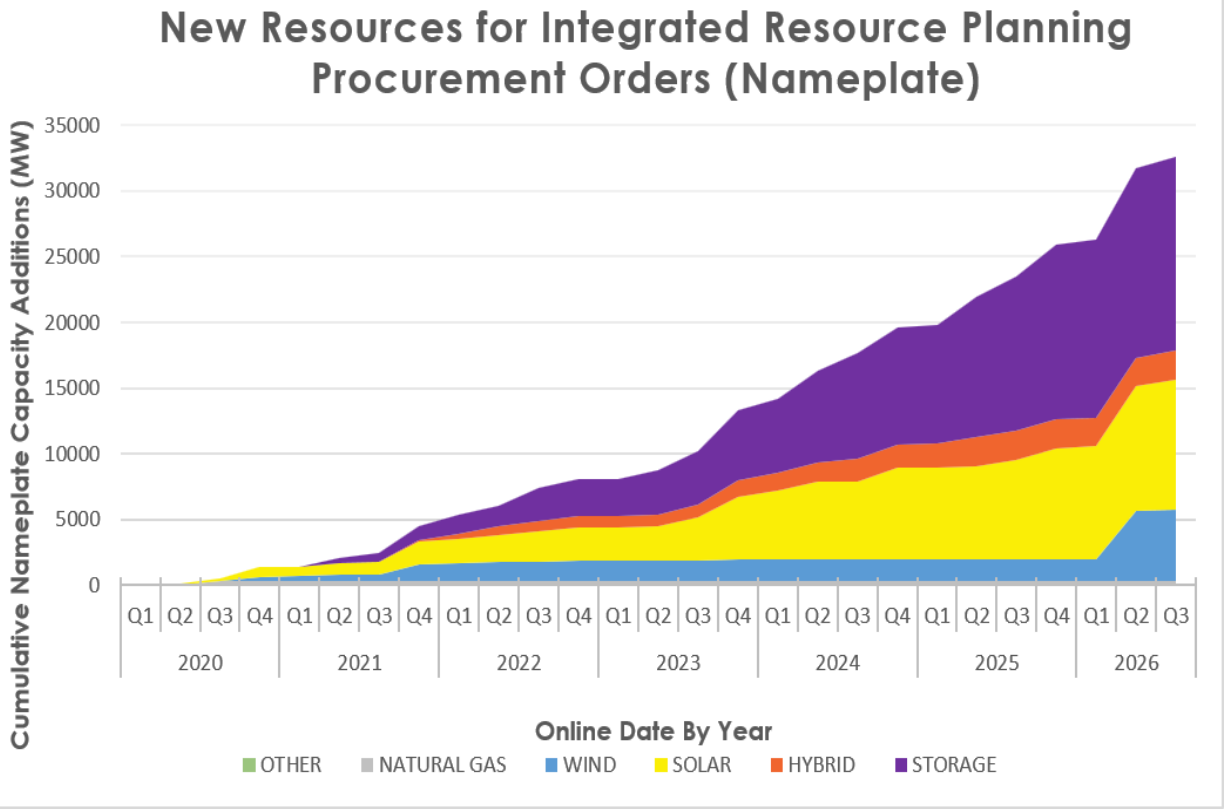
- **Installed to date:** Nearly 17,000 MW of storage nameplate capacity is online serving the grid as of September 2026, including imports.
  - Includes ~150 MW of storage added prior to 2020
  - Includes standalone battery storage and the storage component of hybrid resources
- **Expected future installs:** An additional 12,000 MW of storage resources is under contract and expected to come online by 2029.

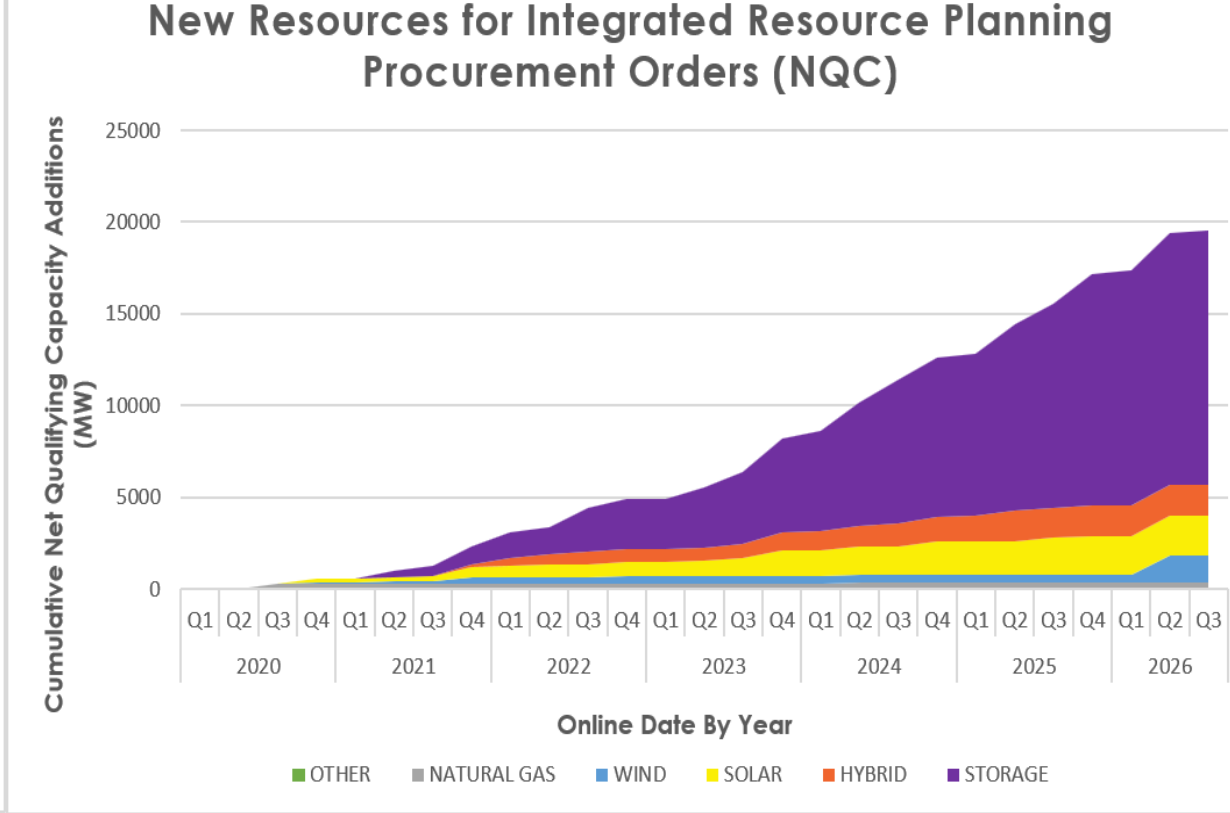
Part 2: Integrated Resource Planning Compliance

- 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 September 30, 2026





Note: Data shown here shows a snapshot of new resources added to the CAISO grid Q1 2020 – Q3 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) 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 September 10, 2026

Resource Type	2026	2027	2028	2029	Total
Solar	425	984	2,666	805	**4,879**
Battery Storage	2,066	2,855	3,003	55	**7,979**
Paired/Hybrid	1,213	1,328	1,236	-	**3,778**
Wind	238	80	-	-	**318**
Geothermal	93	178	144	30	**445**
Biomass/Biogas	5	9	3	-	**17**
Totals	**4,040**	**5,434**	**7,052**	**890**	**17,416**

- Roughly 17,000 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.

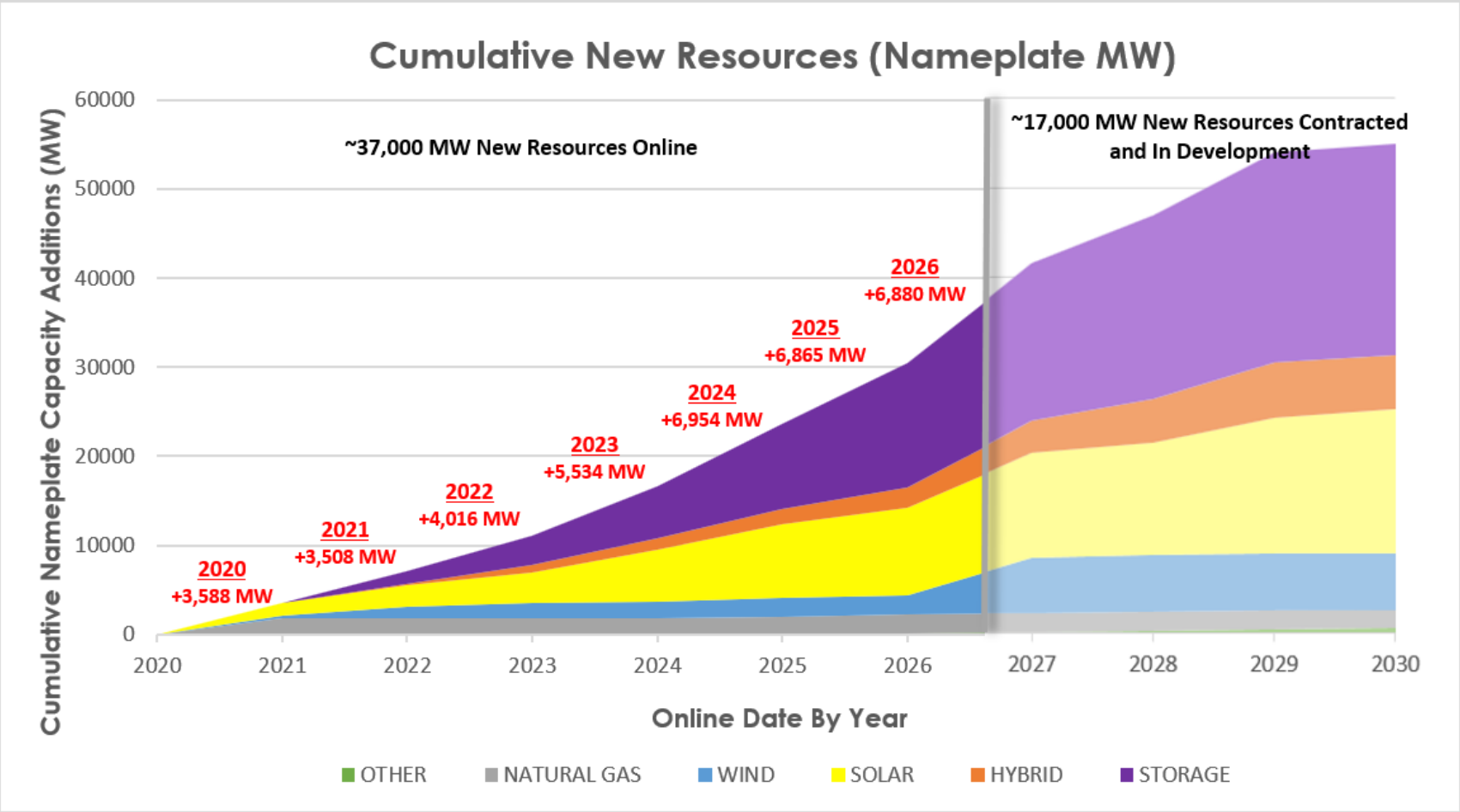
New MWs Expected - NQC
By Year and Resource Type, including imports

Data includes projects expected/under contract as of September 10, 2026

Resource Type	2026	2027	2028	2029	Total
Solar	82	319	919	434	**1,754**
Battery Storage	1,772	2,548	2,921	55	**7,296**
Paired/Hybrid	678	849	952	-	**2,478**
Wind	4	80	-	-	**84**
Geothermal	90	174	135	27	**426**
Biomass/Biogas	5	6	-	-	**11**
Totals	**2,632**	**3,976**	**4,927**	**516**	**12,050**

- Roughly 12,000 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 Q12020 – Q3 2026, including specified CAISO imports. Also shown is a projection of future new resources based on contracts in place by September 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
- Q3 2026 Report
- Q2 2026 Report
- Q1 2026 Report
- Q4 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 Fillings, 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