

Energy

Purpose	Package	Funding Year	Department	# of Projects	Appropriation	Funding Committed	Balance	Implementation Timeline and Next Steps	GF Solution
AB 525 Implementation	Energy	2022-2023 Appropriation	OPC	0	\$1,000,000	\$0	\$1,000,000	OPC is currently scoping funding for the development of an environmental monitoring plan, in close partnership with the Coastal Commission; we anticipate committing these funds no later than May 2023.	
AB 525 Implementation	Energy	2022-2023 Appropriation	OPR	0	\$354,000	\$0	\$354,000	OPR is working with the California Energy Commission and GO-Biz to develop a plan to meet the requirements of AB 525.	
AB 525 Implementation	Energy	2022-2023 Appropriation	CEC	1	\$1,500,000	\$50,000	\$1,450,000	Funds will be used to provide technical support and analyses for implementation of AB 525 and the development of an offshore wind strategic plan. Technical support contract including \$500,000 of AB 525 funding was approved at the CEC's September Business Meeting. Remaining \$1.0M to be encumbered in Jan 2023	
AB 525 Implementation	Energy	2022-2023 Appropriation	State Lands Co	1	\$1,200,000	\$991,500	\$208,500	Held kickoff meeting on December 22. Contractor will commence developer and stakeholder outreach and begin drafting chapters 1-4 (Introduction, Identification of Sea Space, Floating OSW operations overview, and OSW Port Needs)	
California Arrearage Payment Program	Energy	2022-2023 Appropriation	CSD	1	\$1,200,000,000	\$648,483,275	\$551,516,725	\$400m reduction to Local Assistance item 4700-101-3398 proposed in the Governor's Budget (unused funds). Current Phase: Utility Companies must apply benefits to client accounts within 60 days of receiving funds Final Phase: Then final reporting to be given to CSD by 6 months after	X
Capacity Building Grants	Energy	2022-2023 Appropriation	CPUC	0	\$30,000,000	\$0	\$30,000,000	CPUC Energy Division staff are currently in the planning phases for the Capacity Building Grants program.	
Carbon Removal Innovation	Energy	2022-2023 Appropriation	CEC	1	\$50,000,000	\$5,000,000	\$45,000,000	1) Develop federal cost share solicitation and evaluation criteria for specific general funded programs (e.g., industrial, hydrogen, food production, carbon management, and climate innovation) (Q1 2023) 2) Information/data collection (mid-late 2022) 2) Public workshop (Q1 2023) 3) Solicitation release (Q2/Q3 2023)	

Energy

Demand Side Grid Support	Energy	2021-2022 Appropriation	CEC	0	\$200,000,000	\$0	\$200,000,000	The Demand Side Grid Support (DSGS) Program offers incentives to electric customers that provide load reduction and backup generation to support the state's electrical grid during extreme events. The CEC approved the DSGS Program Guidelines, First Edition, on August 10, 2022. The DSGS Program enrolled over 300MW to help respond to the Labor Day week extreme heat event. As of 12/28/22, staff have received 17 claims for incentives and anticipate receiving an additional 19 claims over the coming months. Staff plans to hold a workshop in January 2023 to get stakeholder feedback on lessons learned from Summer 2022 program implementation and potential amendments to the program guidelines.
Distributed Electricity Backup Assets	Energy	2021-2022 Appropriation	CEC	0	\$550,000,000	\$0	\$550,000,000	The Distributed Electricity Backup Assets (DEBA) Program will incentivize the construction of cleaner and more efficient distributed energy assets that would serve as on-call emergency supply or load reduction for the state's electrical grid during extreme events. Staff has begun the initial stakeholder process and will hold a workshop January 2023 on potential program design.
Distributed Energy Workload	Energy	2022-2023 Appropriation	CPUC	0	\$1,000,000	\$0	\$1,000,000	
DOE Grid Resilience Match	Energy	2022-2023 Appropriation	CEC	0	\$5,000,000	\$0	\$5,000,000	1) DOE application for formula funds due Q1 2023 2) Stakeholder engagement and listening sessions to finalize program guidelines Q2 2023 3) Program guidelines formalized and approved Q3 2023 4) Solicitation release Q4 2023
Emergency planning and preparedness	Energy	2021-2022 Appropriation	CEC	2	\$1,500,000	\$900,000	\$600,000	Working on Scope of Work to develop dashboard. Preparing RFPs to be released in January.
Energy Data Infrastructure & Analysis	Energy	2022-2023 Appropriation	CEC	0	\$5,000,000	\$0	\$5,000,000	The portion of these funds that will apply to infrastructure costs will be utilized as those costs occur. The CEC is still in the process of scoping and prioritizing the use of these funds.
Energy Modeling to Support California's Energy Transition	Energy	2022-2023 Appropriation	CEC	1	\$7,000,000	\$7,000,000	\$0	Half of the funding will be used to add 7 PY. Staff are developing positions descriptions to fill the PY. Positions will begin to be released in January. The other half will be used for technical support. Staff are developing scopes of work for different support. The RFPs will begin to be released in January.

Energy

Equitable Building Decarbonization	Energy	2022-2023 Appropriation	CEC	1	\$112,000,000	\$11,200,000	\$100,800,000	As a GF solution, the 2023-24 Governor's Budget includes a funding defferal in 2022-23 and 2023-24, and an overall program reduction of \$87M. Staff is conducting initial analysis and planning to inform program design, outreach and engagement process, and potential contracting plans. RFI released Dec. 9; Scoping workshop held Dec. 13; Comments and response to RFI due Jan 13, 2023; Jan-Mar Solicitation for tech support released; Mar-Jun Initial guideline language released for public comment. Coordination, outreach, and research ongoing.	X
Equitable Building Decarbonization - Accelerating Adoption of low-GWP refrigerants	Energy	2022-2023 Appropriation	ARB	0	\$20,000,000	\$0	\$20,000,000	CARB plans to release a solicitation for a technical assistance provider or third-party administrator in Spring 2023 and release an application solicitation by Fall 2023. Funding of \$20 million in 2023-24 has been proposed for reduction in the Governor's Budget.	
Equitable Building Decarbonization - TECH Initiative	Energy	2022-2023 Appropriation	CPUC	0	\$50,000,000	\$0	\$50,000,000	CPUC Energy Division is currently working on developing guidelines and undergoing the decision process for program implementation.	
Filsinger Energy Partners-Operational Observer	Energy	2021-2022 Appropriation	OES	2	\$8,700,000	\$8,700,000	\$1,102,516	Cal OES has extended the Filsinger contract (6152-2019 A6) for PG&E operational observer services through 06/30/2022 and allocated the additional 5.1 million appropriated in FY 21/22 for that purpose. The remaining 3.6 million is allocated to a contract between Filsinger and SoCal Edison (SCE) beginning October 1, 2021 through June 30, 2022. This contract is for operational observer services to include monitoring and monthly reporting to the Governor's Office regarding SCE's Public Safety Power Shut-off (PSPS) wildfire mitigation planning efforts.	
Filsinger Energy Partners-Operational Observer	Energy	2022-2023 Appropriation	OES	1	\$6,400,000	\$3,600,000	\$3,384,000	Cal OES has extended the Filsinger contract (6152-2019 A6) for PG&E operational observer services through February 2024 and allocated the additional \$3.6 million appropriated in 2022-23 for that purpose.	
Food Production Investment Program	Energy	2022-2023 Appropriation	CEC	1	\$25,000,000	\$1,250,000	\$23,750,000	1) Information/data collection (mid-to late 2022) 2) Public workshops (Q1 2023) 3) Solicitation release (Q3 2023--post harvest season)	
Humboldt offshore wind port investments	Energy	2021-2022 Appropriation	CEC	2	\$11,000,000	\$11,000,000	\$0	Grant in the amount of \$10,450,000 was awarded to the Humboldt Bay Harbor, Recreation and Conservation District (HBHRCD) earlier this year to support port redevelopment that will support offshore wind development. Work is on going.	

Energy

Hydrogen Grants	Energy	2022-2023 Appropriation	CEC	1	\$100,000,000	\$10,000,000	\$90,000,000	1) Public workshop (Dec 1 2022) 2) Focused stakeholder engagement (Q1 2023) 3) Solicitation release (Q2-Q3 2023)	
Hydrogen Hub	Energy	2022-2023 Appropriation	GO-Biz	0	\$5,000,000	\$0	\$5,000,000	A grant went to the ZEV Unit-led PPP, the Alliance for Renewable Hydrogen Energy Systems (ARCHES), to support the application process and implementation for establishing a federally-funded hydrogen hub in California. ARCHES was legally formed in October and the Operating Agreement draft documents will be signed in February. The \$5M grant has been transferred to ARCHES' bank account under a grant agreement with GO-Biz. ARCHES' Concept Paper was one of 33 out of 79 papers encouraged by DOE to submit a full proposal. The full application is due April 7, 2023.	
Incentives for Long Duration Storage	Energy	2022-2023 Appropriation	CEC	3	\$140,000,000	\$45,362,680	\$94,637,320	As a GF solution, the 2023-24 Governor's Budget includes a funding reduction of \$50M in 2023-24. Award 3 initial LDES Grants with first one planned to be operational by June 2023. Second to be operational before the end of 2023. Third grant operations in 2024/2025. Technical support grant to assist in developing new Solicitation for release in July 2023 (\$100M-\$200M planned for solicitation from FY 2023/2024 State Budget)	
Industrial Decarbonization	Energy	2022-2023 Appropriation	CEC	1	\$100,000,000	\$10,000,000	\$90,000,000	\$10 million proposed reduction in Governor's Budget. 1) Information/data collection (mid-late 2022) 2) Public workshops (Q1 2023) 3) Solicitation release (Q2-Q3 2023)	X
Investments in Strategic Reliability Assets (21-22)	Energy	2021-2022 Appropriation	DWR	1	\$1,500,000,000	\$367,400,000	\$1,132,600,000	Commitments for multiple agreements implemented for work in FY22-23 covering SRRP activities supporting 2022 Summer grid reliability for program costs, project management support, technical expertise, 2022 temporary generation, 2022 imported energy, and initial 2023 temporary generation.	
Investments in Strategic Reliability Assets (22-23)	Energy	2022-2023 Appropriation	DWR	1	\$700,000,000	\$75,000,000	\$625,000,000	DWR is currently in the process of negotiating agreements for the OTCs.	
Local government grants	Energy	2021-2022 Appropriation	CEC	1	\$2,000,000	\$450,000	\$1,550,000	Under development. Targeting Winter 2023 to launch SB 100 grant program and part of overall SB 100 workplan. CEC team has recently met with the California State Association of Counties (CSAC), Rural County Representatives of California (RCRC), and League of California Cities to learn about county needs to inform grant development.	

Energy

Marine Renewable Energy	Energy	2021-2022 Appropriation	CDFW	1	\$3,510,000	\$3,510,000	\$0	The hiring process and onboarding for the new positions started in September 2021. This additional staffing will support implementation through FY 2025-26. The new staffing consists of 3.0 positions (2.0 Environmental Scientists (ES) and 1.0 Attorney IV). The advertising for the ES positions took place in September 2021, the interview process occurred in November 2021, and both were hired and onboarded in January 2022. The Attorney IV process was started in November 2021, interviews in December 2021 and onboarding in January 2022. Staff are supporting implementation in the multiagency approach by being involved in regular meetings, being members of the task force with Bureau of Ocean Management, coordinating with agencies such as the California Energy Commission (CEC), California Coastal Commission (CCC), National Oceanic Atmospheric Administration, and National Marine Fisheries Service on consistency determinations, data sharing, and collective responses to various requests and letters. Staff also participated in a world-wide, multiagency renewable energy meeting that included nongovernmental organizations, the CEC, CCC, the California Lieutenant Governor's Chief of Staff, developers, labor representatives, etc.
Offshore Wind - Environmental and Port Analyses - Coastal Comm.	Energy	2021-2022 Appropriation	Coastal Comm	1	\$875,000	\$875,000	\$0	Hired senior environmental scientist to work on OSW. Brought Consistency Determinations on OSW leasing areas to hearing in April and June 2022. Continuing to work on AB 525 deliverables, implementation of Consistency Determination conditions, and post-auction collaboration with lessees.
Offshore Wind - Environmental and Port Analyses - OPC	Energy	2021-2022 Appropriation	OPC	11	\$2,000,000	\$1,782,952	\$217,048	OPC has funded ten projects, totaling over \$1.8M to support environmental data, cultural resources inventory, siting models, fishery grounds mapping, and industry to industry coordination on community benefit agreements. The remaining funds will be used to cover the administrative costs for these projects.
Offshore wind energy community outreach, engagement, and technical analyses	Energy	2021-2022 Appropriation	CEC	4	\$2,200,000	\$1,600,000	\$600,000	Identifying projects to receive funding; total funding includes non-grant funding. Award with the State Lands Commission was approved in April in the amount of \$200,000 to support the assessment of port development for offshore wind energy in federal waters off the coast of CA. Technical support contract including \$750,000 of offshore wind funding was approved at the CEC's September Business Meeting to support the development of an offshore wind strategic plan as required by AB 525.

Energy

Offshore Wind Infrastructure	Energy	2022-2023 Appropriation	CEC	1	\$45,000,000	\$2,250,000	\$42,750,000	CEC will establish and administer a program to support offshore wind infrastructure improvements in order to advance the capabilities of California ports, harbors, and other waterfront facilities. Funds may also be used as match to federal applications for facility improvements to support offshore wind.
Oroville Pump Storage	Energy	2022-2023 Appropriation	DWR	0	\$100,000,000	\$0	\$100,000,000	A Feasibility Analysis Study will begin as soon a Task Order is executed with an already established contractor. Interviews for a Program Manager has concluded, the offer and hiring will be next on the schedule.
SB 100 interagency planning - CEC	Energy	2021-2022 Appropriation	CEC	4	\$4,200,000	\$3,450,000	\$750,000	STEP: CEC has collaborated with CPUC and sister CNRA agencies to develop the environmental and land use inputs (land use screens) for SB 100 planning. A draft staff report on land use screens is planned for public release. / EAD: Candidates for SB100 positions were evaluated but none met requirements. Continuing posting to and working with recruiting. In the process of finalizing the scope of a support contract and preparing RFP to be released in January.
New Solar Homes Online Permitting [CalAPP]	Energy	2021-2022 Appropriation	CEC	2	\$20,000,000	\$3,906,000	\$16,094,000	The California Automated Permit Processing (CalAPP) Program is a grant funding opportunity that supports cities and counties in the adoption of an online, automated software platform to streamline permitting for rooftop solar PV systems on residential homes. Applications were released on June 1, 2022, and we are accepting applications until May 1, 2023, or until the \$20 million in funding runs out.
Rebates for All Electric Homes/BUILD Program [CalEHP]	Energy	2021-2022 Appropriation	CEC	3	\$75,000,000	\$68,239,971	\$6,760,029	Incentives for California Electric Homes Program/BUILD Phase 2 - CalEHP team posted a Notice of Proposed Award (NOPA) on October 24, 2022. Staff is drafting a contract agreement for the grant awardee to be brought on board as a third-party administrator and implementor of the program. Contract agreement to approved in the January 2023 Business Meeting.
SB 100 interagency planning - CPUC	Energy	2021-2022 Appropriation	CPUC	1	\$13,704,000	\$13,704,000	\$0	Funding for staffing and operating costs for SB 100 interagency planning for the California Clean Energy Initiative.
Supplementary funding for Flex-Alert	Energy	2021-2022 Appropriation	CPUC	1	\$10,000,000	\$10,000,000	\$0	Contract was fully awarded for the full \$10M for Flex Alert

Energy

Support for Reliability	Energy	2022-2023 Appropriation	DWR	1	\$3,000,000	\$3,000,000	\$0	Appropriation for FY 23 as a continuation of funding for program support under AB 179 for 2023 grid reliability efforts including; program support, professional services, interconnection studies, and Summer 2023 program objectives. As this funding is covering the continued support for the 2023 activities; including site scouting, determinations, construction, supporting agreements, interconnection studies, professional and technical services and support, and labor.
Terrestrial renewable energy permitting	Energy	2021-2022 Appropriation	CDFW	1	\$15,285,000	\$15,285,000	\$0	Hiring and onboarding began in September 2021. As of August 2022, all 13.0 terrestrial renewable energy positions have been filled as part of this BCP. Staff are permitting and processing renewable energy projects to meet the goals of Senate Bill 100 to supply 100% of electric retail sales to end-use customers by 2045.
Transmission Financing	Energy	2022-2023 Appropriation	I-Bank	0	\$200,000,000	\$0	\$200,000,000	\$250 million General Fund was made available to Climate Catalyst Fund as part of the 2022-23 Budget Act. The statutorily required Financing Plan was approved by the IBank Board on December 21, 2022. The Board of the Imperial Irrigation District entered into an Engineering, Study and Design Agreement Berkshire Hathaway Energy Renewables LLC for the Salton Sea Transmission Project on November 1, 2022. IBank staff initiated engagement with BHE via working meeting January 18, 2023. \$25 million reduction of the 2023-24 allocation proposed in the Governor's Budget.

Total 53 \$5,328,428,000 \$1,333,990,378 \$3,996,124,138