FEDERAL POLICY WORKING GROUP MEETING
9/13/23 (MEETING CANCELED - WRITTEN REPORT ONLY)

Agenda

1. Administration Activities
2. Legislative Landscape/Updates
3. IRA: Home Energy Rebate Programs - Updates
4. CA Legislature Jt. Select Ctte: IRA Funding
5. GO-Biz Federal Funding Tracker
6. IMF: Fossil fuel subsidies = $7T in 2022
7. CEC Community Energy Resilience Investment Program (IIJA)
8. IRA Resource Collection (Repost)

Notes

1. Administration Activities

On September 12, the DOE announced six new Biden-Harris Administration appointees joining the Department. New appointees include:

- Chakeia Blocker, Regional Intergovernmental and External Affairs Specialist for the Mid-Atlantic, Office of Congressional and Intergovernmental Affairs
- Ruby Goldberg, Regional Intergovernmental and External Affairs Specialist for the Midwest, Office of Congressional and Intergovernmental Affairs
- Royce Kim, Regional Intergovernmental and External Affairs Specialist for New England, Office of Congressional and Intergovernmental Affairs
- Christina Nuñez Cohen, Regional Intergovernmental and External Affairs Specialist for Alaska and Special Projects, Office of Congressional and Intergovernmental Affairs
- Rory Stanley, Chief of Staff, Office of Nuclear Energy
- Satchel Tsai, Special Assistant, Office of Energy Efficiency and Renewable Energy

Current appointees taking on new roles are listed below:

- Emily Doran, Chief of Staff, Grid Deployment Office
- Jeff Marootian, Principal Deputy Assistant Secretary, Office of Energy Efficiency and Renewable Energy
- Paige Nygaard, Special Assistant, Office of the Secretary
- Narayan Subramanian, Advisor to the Secretary for Clean Energy Projects and Supply Chains, Office of the Secretary

On September 5, the DOE announced nine states and five tribal nations will receive a combined total of $125 million as the seventh cohort of Grid Resilience State and Tribal Formula Grants. Supported by the Bipartisan Infrastructure Law and administered by DOE's Grid Deployment Office, these grants will help modernize the electric grid to reduce impacts of climate-driven extreme weather and natural disasters while also ensuring power sector reliability. This funding will enable communities to access affordable, reliable, and clean electricity while helping deliver on the President's ambitious clean energy goals. None of the projects are sited in California.

On September 5, the DOE proposed updated walk-in cooler and freezer standards. The Energy Policy and Conservation Act, as amended (``EPCA''), prescribes energy conservation standards for various consumer products and certain commercial and industrial equipment, including walk-in coolers and freezers (``walk-ins'' or ``WICFs''). EPCA also requires the U.S. Department of Energy (``DOE'') to periodically determine whether more-stringent, standards would be technologically feasible and economically justified, and would result in significant energy savings. In this notice of proposed rulemaking (``NOPR''), DOE proposes amended energy conservation standards for walk-ins, and also announces a public meeting to receive comment on these proposed standards and associated analyses and results. A webinar will be held September 27, you can register here.

On August 31, the DOE adopted final energy conservation standards for air cleaners. You can find more information here.

On August 31, the DOE announced a $15.5 billion package of funding and loans primarily focused on retooling existing factories for the transition to electric vehicles (EVs)—supporting good jobs and a just transition to EVs. This includes making available $2 billion in grants and up to $10 billion in loans to support automotive manufacturing conversion projects that retain high-quality jobs in communities that currently host these manufacturing facilities. In the Domestic Conversion Grant Program, higher scores will be given to projects that are likely to retain collective bargaining agreements and/or those that have an existing high-quality, high-wage hourly production workforce, such as applicants that currently pay top quartile wages in their industry. The Department also announced a Notice of Intent to make available $3.5 billion in funding to expand domestic manufacturing of batteries for electric vehicles and the nation's grid, as well for battery materials and components currently imported from other countries. The Notice of Intent outlines how DOE will support growing domestic industry while also supporting manufacturing workers and promoting equity and environmental justice. Together, these federal investments **underscore President Biden's deep commitment** to helping retain and expand high-paying manufacturing jobs while empowering workers to have a strong voice in and capture the economic benefits of the clean energy transition. The President's Investing in America agenda is also enhancing our national security by building up the domestic supply chains necessary to reach the Administration's ambitious climate goals.

On August 30, the DOE and EPA announced the availability of up to $350 million in formula grant funding to help monitor and reduce methane emissions, one of the biggest drivers of climate change, from the oil and gas sector and for environmental restoration of well sites. The funding, provided by the Inflation Reduction Act, will also help oil and gas well owners, as well as operators of applicable facilities, voluntarily and permanently reduce methane emissions from leaks and daily operations of low-producing conventional wells on non-federal lands. You can find more on the Methane Emissions Reduction Program here.

On August 29, the Department of the Treasury proposed guidance for complying with the IRA's prevailing-wage and apprenticeship requirements. To qualify for increased credit or deduction amounts of certain clean energy tax incentives, taxpayers generally need to:

- Pay laborers and mechanics employed in construction, alteration or repair no less than applicable prevailing wage rates
- Employ apprentices from registered apprenticeship programs for a certain number of hours

By meeting prevailing wage and apprenticeship requirements under the Inflation Reduction Act of 2022, taxpayers can increase the base amounts of these incentives by 5 times.

On August 25, the DOE announced 106 awards totaling $126 million in research and development grants for 90 different small businesses whose projects will address multiple mission areas across the Department, including clean energy and decarbonization, cybersecurity and grid reliability,

fusion energy, and nuclear nonproliferation. California received 22 grants (the most by 2x of the next highest state). The following California projects/organizations received funding:

DOE Funding Program	Topic Title	Company Name
Defense Nuclear Nonproliferation	RADIATION DETECTION	Adelphi Technology, Inc.
Defense Nuclear Nonproliferation	RADIATION DETECTION MATERIALS	Chemelectronics LLC
Defense Nuclear Nonproliferation	ALTERNATIVE RADIOLOGICAL SOURCE TECHNOLOGIES	RadiaBeam Systems
Defense Nuclear Nonproliferation	ALTERNATIVE RADIOLOGICAL SOURCE TECHNOLOGIES	Tibaray
Electricity	ADVANCED GRID TECHNOLOGIES	Pacific Science & Engineering Group, Inc.
Energy Efficiency and Renewable Energy	WATER	3newable LLC
Energy Efficiency and Renewable Energy	BIOENERGY TECHNOLOGIES	Algenesis Materials
Energy Efficiency and Renewable Energy	VEHICLES	AV-Connect Inc
Energy Efficiency and Renewable Energy	VEHICLE TECHNOLOGIES	Helicoid Industries Inc.
Energy Efficiency and Renewable Energy	HYDROGEN AND FUEL CELL TECHNOLOGIES	Intellisense Systems, Inc.
Energy Efficiency and Renewable Energy	VEHICLES	Newport Sensors, Inc.
Energy Efficiency and Renewable Energy	GEOTHERMAL	Nrgtek Inc.
Energy Efficiency and Renewable Energy	EERE JOINT TOPIC: COMMUNITY-DRIVEN SOLUTIONS FOR A JUST AND EQUITABLE ENERGY TRANSITION	Ocean Motion Technologies, Inc.
Energy Efficiency and Renewable Energy	WATER	Ocean Motion Technologies, Inc.
Energy Efficiency and Renewable Energy	ADVANCED MANUFACTURING	Pseudolithic Inc.
Energy Efficiency and Renewable Energy	EERE JOINT TOPIC: COMMUNITY-DRIVEN SOLUTIONS FOR A JUST AND EQUITABLE ENERGY TRANSITION	RockeTruck, Inc.
Energy Efficiency and Renewable Energy	SOLAR ENERGY TECHNOLOGIES	Smartville, Inc.
Energy Efficiency and Renewable Energy	SOLAR ENERGY TECHNOLOGIES	SOL-GO, INC.
Fossil Energy and Carbon Management	CARBON MANAGEMENT	Paulsson, Inc.
High Energy Physics	HIGH ENERGY PHYSICS DETECTORS AND INSTRUMENTATION	Ultramet
Nuclear Energy	ADVANCED TECHNOLOGIES FOR NUCLEAR ENERGY	Gamma Reality Inc.
Nuclear Energy	ADVANCED TECHNOLOGIES FOR NUCLEAR ENERGY	Radiant Industries

On August 19, the DOE announced a funding opportunity of up to $300 million in grants for states, tribes, and local governments to accelerate and strengthen electric transmission siting and permitting processes under IRA / Grid Deployment Office. **DOE will hold an informational webinar on September 14, 2023 at 2 pm EDT. Registration is required.**

On August 17, the North American Electric Reliability Corporation ("NERC") released the 2023 ERO Reliability Risk Priorities Report**.** The report presents the results of the RISC's continued work to strategically define and prioritize risks to the reliable operation of the BPS and thereby provide recommendations to the Board regarding the approach that NERC, the ERO Enterprise, and industry should take to enhance reliability and manage those risks. Among many things, the report recommends that NERC push for greater coordination between infrastructure sectors.

On August 17, the Environmental Protection Agency ("EPA") released its six "enforcement and compliance priorities" for 2024-'27. The first listed priority is "mitigating climate change." This priority addresses:

> Tackling the climate crisis is an urgent priority. EPA will use its enforcement and compliance tools to reduce greenhouse gas emissions, helping to limit the worst effects of climate change. The initiative will focus on three separate and significant contributors to climate change: (1) methane emissions from oil and gas facilities; (2) methane emissions from landfills; and (3) the use, importation, and production of hydrofluorocarbons (HFCs). EPA has documented widespread noncompliance in all three of these areas, resulting in potentially tens of thousands of tons of unlawful emissions of greenhouse gases and other pollutants. This initiative will help achieve EPA's goals to combat climate change while also addressing significant noncompliance in specific industry sectors.

On August 17, the DOE announced three states and nine tribal nations receiving a total of $48.4 million in funding as the 6th cohort of Grid Resilience State and Tribal Formula Grants. California was not included in this cohort.

As of August 16, it has been one year since Pres. Biden signed the IRA into law. The Administration released materials addressing its one year "anniversary".

On August 16, seven oil and gas trade organizations raised their concerns regarding the Pipeline and Hazardous Materials Safety Administration has proposed leak detection and repair rules that demand infeasible deadlines and is beyond the scope of the agency's rulemaking authority.

On August 15, U.S. Secretary of Energy Jennifer Granholm hosted the first Net Zero World Ministerial since the initiative launched at COP26.

Other upcoming DOE efforts include:

ACTIVITY	MEETING DATE	COMMENT PERIOD CLOSE DATE	COMMENT	WEBINAR REGISTRATION
Standards for Consumer Conventional Cooking Products; NODA and request for comment Publication	n/a	September 1, 2023	Click Here to Comment!	n/a
Standards for Electric Motors; NOPR Publication	n/a	September 19, 2023	Click Here to Comment!	n/a

Standards for Consumer Water Heaters; NOPR and announcement of public meeting Publication	September 13, 2023	September 26, 2023	Click Here to Comment!	Click Here to Register!
Standards for Consumer Boilers; NOPR and announcement of public meeting Publication	September 12, 2023	October 13, 2023	Click Here to Comment!	Click Here to Register!
Air-Cooled, Evaporatively Cooled, and Water-Cooled Commercial Package Air Conditioners and Heat Pumps; NOPR and request for comment Publication	September 7, 2023	October 16, 2023	Click Here to Comment!	Click Here to Register!

Standards for Walk-in Coolers and Freezers; NOPR and announcement of public meeting Publication	September 27, 2023	November 6, 2023	Click Here to Comment!	Click Here to Register!

2. Legislative Landscape/Updates

"Government funding expires Sept. 30.
By the end of this month, lawmakers need to pass 12 spending bills — or a short-term stopgap — to keep the government funded. And the path there is filled with partisan land mines.
…
"As if that weren't enough ... Congress also faces an Oct. 1 deadline to pass the 2023 farm bill. Lawmakers are divided on whether to make permanent the nearly $20 billion in new climate-related agriculture funds included in Biden's climate law. In all, the farm bill could include more than $1 trillion in spending, the most ever."
[Welcome to the September Crunch - Politico (September 5, 2023)].

On September 12, House Speaker McCarthy announced the House would open an impeachment inquiry into Pres. Biden. Of no surprise, this effort has and will continue to absorb a lot of resources. Punchbowl News has a good, brief write-up on it, you can find that here.

On September 7, Pres. Biden withdrew his nomination of Jeff Marootian to seve as the DEO's assistant secretary for EE and Renewables - a response to Sen. Manchin's ultimately successful effort back in May to block a panel vote on the nomination (in connection with the DOE's proposed EE standards for natural gas cooktops).

3. IRA: Home Energy Rebate Programs Updates

On August 23, the DOE announced the following updates and resources re: Home Energy Rebate Programs:

- New, detailed responses to FAQs. You can view the updated responses on the FAQs webpage.
- The first set of Recommendations for Home Energy Rebate Program Administrators, which includes best practices, relevant links, and newly developed guides that may support program administrators in applying for funds and designing and implementing successful programs. The first set of recommendations includes:
    - Maximizing home energy performance
    - Integrating rebates with existing programs
    - Serving low-income households and multifamily buildings
    - Supporting a robust workforce and market transformation
    - Developing a quick start program

4. CA Legislature Jt. Select Ctte: IRA Funding

On August 29, the California Legislature's Joint Select Committee on Climate Change Policies held an informational hearing re: IRA Funding. Immediately below are materials, resources, and links. Following that are notes from the hearing.

- Agenda 8/29/23 [pdf]
- IRA Hearing Background Paper [pdf]
- LAO Slideshow Presentation [pdf]
- Governor's Office of Business and Economic Development Federal Funding Presentation [pdf]
- DeVries OhmConnect Presentation [pdf]
- Gilmer LineVision Presentation [pdf]
- Lou California Green New Deal Coalition Presentation [pdf]
- Panelist Biographies [pdf]

Notes

Given the breadth and complexity of the IRA funding opportunities, and because the committee had to rush through due to a hard stop deadline at noon, the hearing seemed to jump around quite a bit.

The administration shared the complexity involved in accessing funding and also the steps the administration and legislature have taken to make CA more competitive (e.g. infrastructure streamlining package). Gayle Miller is the point of contact related to IRA funding for the legislature and is leading a strike team that includes many state agencies (e.g. Caltrans, DWR, CEC, CPUC, CARB, GO-Biz, etc.) that taking an all-of-government approach to identify challenges and barriers to accessing funding. They are also working to develop dashboards for legislators by tracking 8 overarching categories, including ZEV, hydrogen, water, and hoping to provide information to legislators on potential projects located in their district before end of session as part of an iterative process.

U.S. DOE Loan Programs Office (LPO) discussed the opportunities around, and importance of, industrial decarbonization opportunities and State Energy Financing Institutions (SEFI)

Other witnesses such as Ohm Connect testified on the importance of taking a multi-pronged approach, there's no silver bullet. Building trades don't want 'just transition' handouts, instead urge quick transition to new energy infrastructure jobs that contain non-negotiable highly skilled and trained requirements. NRDC requested $2b for clean energy in a climate bond, and sought funding (separate from bond issue) to go toward technical assistance for EJ groups to apply for IRA funding.

I. Opening Statement

Senator Henry Stern, Chair

- CA going to have to lead in some ways by following
- Administration has put together some worthy partnerships that are worth exploring today
- I want to win the IRA race so that we can meet our climate goals faster

Assemblymember Damon Connolly, Vice Chair

- CA has been a trailblazer in climate space, but many of our efforts are stifled by lack of funding
- Need to explore how to improve, streamline and deploy climate projects faster
- Need to do permitting better and faster, need to engage with communities earlier and more often

II. Panel 1: STATUS REPORT: UNDERSTANDING THE INFLATION REDUCTION ACT

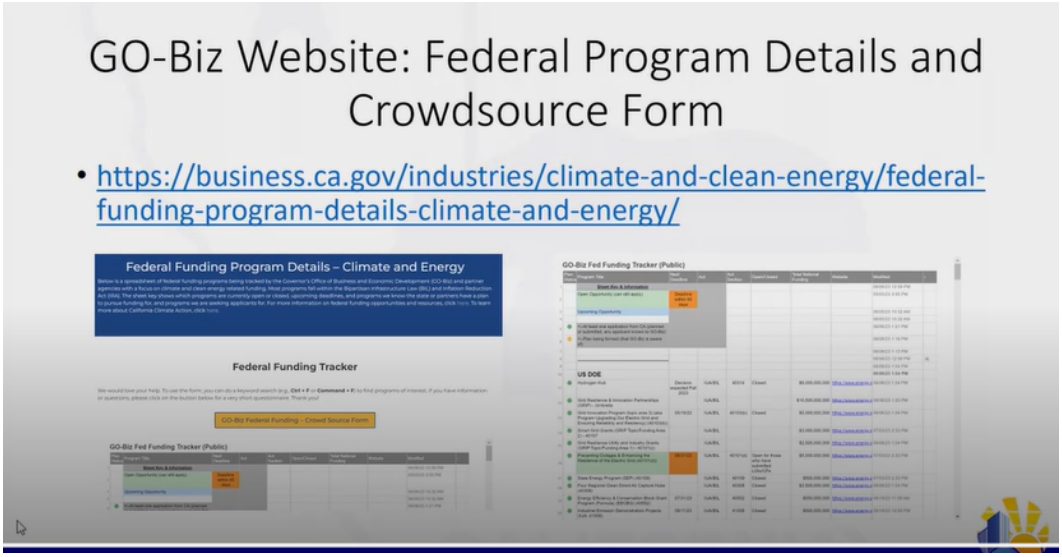
Rachel Ehlers, Legislative Analyst's Office

- State has taken big steps in addressing climate crisis, not just policy changes undertaken by the legislature, but through significant state funding investments as well
- State funding can be an important tool in a number of ways, both as a match to federal funding and also to leverage additional funding, or as a way to establish a jumping off point

Gayle Miller, Department of Finance

- 16% of our state has faced water rationing, we have catastrophic flooding, we have communities that have run out of water
- As we go from the driest time to the wettest time in our state's history, we are at the forefront of the climate issue
- Need 8 GW of energy every year over the next 20 years
- Know that you (Legislature) are working on transmission development and reliability, and what central procurement will look like
- First we did an EO on permitting reform and then passed the Governor's infrastructure package
- The strike team we've put together is identifying where those challenges are and Tyson Eckerle at GO-Biz is extremely knowledgeable on this issue

Tyson Eckerle, Governor's Office of Business and Economic Development



See Agenda Item # 5 for more details on the GO-Biz website.

Arnab Pal, U.S. Department of Energy

- Industrial strategy will be critical – it's not new, it's been done before with railroads, highways, etc.
- Since IRA we've given out $13.5 billion in commitments for clean infrastructure critical to on-shoring ZEV development
- As part of the industrial strategy, it needs to be developed collaboratively
- Look forward to opportunity to partnering with the state and think there are a lot of great opportunities

Connolly: Does the administration have a single point of contact for legislators inquiring about IRA funding?

Gayle Miller: I am the main point of contact, but given the complexity of the opportunities, I will not have all the answers all the time, but will work to get you that information. My goal is to make sure we get your answers questioned. Practically every state agency is working on this issue.

Connolly: Is the administration conducting any outreach efforts related to the tax credits?

Miller: I'm not sure we are at the moment. We think that is the responsibility of the federal government to an extent, because we do not have the ability to answer a lot of those questions. But we are

working closely with our federal partners and rely on private sector to do that outreach and education as well.

Connolly: Given all the funding available, how does this change the administration's approach to ZEV development? Any gaps in IRA funding?

Miller: We are not accelerating our goals at all, already have the most ambitious goals in the nation. Looking at energy reliability right now in another Senate hearing. Continuing to focus on building out the needed infrastructure.

Allen: Where does water infrastructure fit into the mix?

Miller: In CA, you will begin to see some of our water supply and storage goals. Looking at water projects coming first for expedited 270 review. Also will begin to see work on safe drinking water and groundwater recharge.

LAO: In IIJA there were a number of carve-outs in relation to water, including for lead pipes, drinking water, etc.

Stern: Curious on ZEV & hydrogen infrastructure funding, want for us to be able to help in building coalitions.

Miller: Feel we have sufficient resources. Tracking 8 large categories, including ZEV, hydrogen, water, and hoping to provide information to legislators on projects located in their district as part of an iterative process. Once those dashboards come out – hopefully before the end of session – then we can begin the process around coalition building and assisting in obtaining funding.

Stern: Can we expect from that first dashboard there will be metrics showing detailed data on barriers/outcomes?

Miller: Absolutely, first version will be iterative and we will build out from there.

LAO: I would not advocate for additional state staff given budget situation, but there is a chance given the size of the undertaking that there could be bottlenecks. Need to ensure that barriers are identified around permit streamlining and which agencies are responsible or need to approve.

Stern: I guess the question I have is around ensuring we do it equitably and showing that is a good way to do it, compared with some of our neighbors who have more so-called "efficiencies." Separately, is there a way we can look at bond financing to show LPO and residents to illustrate that, given the need to pay back the bonds, the funding available may not be as high as it's presented?

Miller: CA Debt Limit Allocation Committee is one piece where leverage could be an opportunity because they are tax free bonds. But definitely a question we need to explore around leveraging. Whether we have $5 million, will that unlock $1 billion? Not sure, need to explore.

Stern: Don't want to do bond drafting in a vacuum. Need guidance from DOE.

DOE: Currently working those guidelines. In terms of actually designing programs, we are more than happy to assist in program development. Technology flexibility is critical — our funds go across 13 different technologies, and allowing for flexibility across technologies is important to not hamstring opportunities. But we're happy to work with you on the programs.

III. Panel 2: CALIFORNIA INVESTMENTS & THE INFLATION REDUCTION ACT: HOW CAN WE MAKE THE MOST OF THIS MONEY

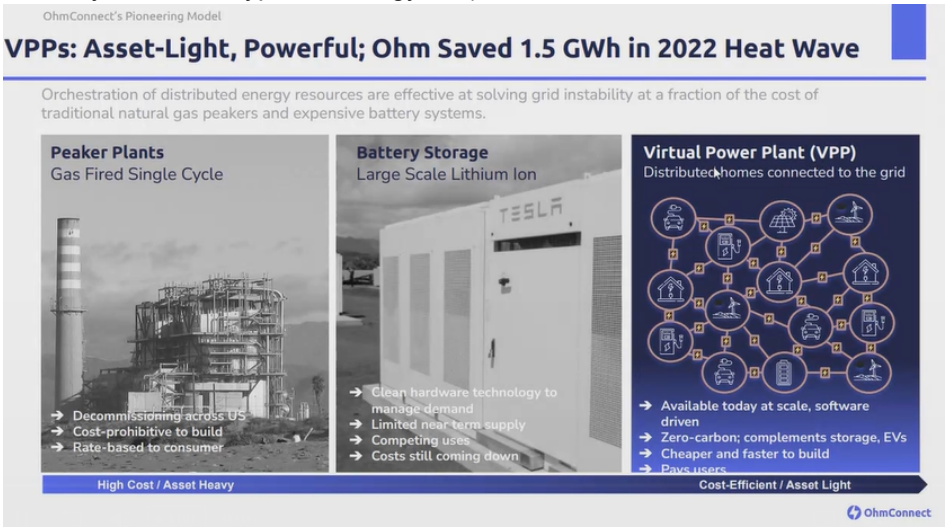
Merrian Borgeson, Natural Resources Defense Council

- Technical assistance to environmental justice organizations is critical to ensure they're even able to apply – they need resources and funding just to be able to apply
- Lastly, we'd like to see a climate bond – if not this year, then next year – and want to see at least $2 billion for clean energy

- The IRA is a massive investment, but climate bond will continue to nurture that investment

Cisco DeVries, OhmConnect

- Need to use the IRA to build a virtual power plant (VPP)
- For the last 100 years we've run the grid one way: we have large power plants that deliver power to customers, and when we have had increased demand, we build more power plants
- But looking ahead to the future, we need to do things differently
- VPPs can be a network of individual homes and businesses to reduce their usage at key times during peak demand
- These are much cheaper to install and cheaper to manage
- IRA is a huge stepping stone to get where we need to go
- We have one main recommendation: set a demand response procurement target (same was as solar, battery, and other types of energy has)



Stern: Hoping to ask the CEC why they are turning to natural gas instead of relying your great work.

Hudson Gilmer, LineVision

- CA has always been a leader in clean energy so would seemingly be a primary competitor for IRA funding – but when you dig in a little closer, our grid constraints restrict our ability to access funding because the IRA prioritizes funding for areas where there is available grid capacity to build
- We need to triple our grid capacity by 2050
- We're already experiencing significant grid bottlenecks – wasting wind and solar generation
- Would seem like a simple solution – just build more capacity – but we know the timeline challenges with permitting and design, can take 5-6 years
- LineVision uses sensors that mount on tower to provide real-time data for utilities to take advantage of available power and we're able to put 40% more power through those lines
- We have a project with SMUD that was featured in a recent NPR news article
- We estimate it could be done at less than 5% of cost of building new transmission, and can be done in a number of months rather than years
- However, readily admit it is no silver bullet – we need a complementary approach

Chris Hannan, State Building and Construction Trades Council of California

- Our members have already built vast majority of solar, battery, wind, and hydrogen; and we want to continue to build these projects with the highest skilled and trained workforce in the nation
- I would be remiss if I didn't mention carbon capture and sequestration (CCS) as well
- Urge the legislature to embrace these technologies with non-negotiable labor standards
- We talk a lot about 'just transition' in this building, but that is not a phrase we use

Zach Lou, California Green New Deal Coalition

5. GO-Biz Federal Funding Tracker

https://business.ca.gov/industries/climate-and-clean-energy/federal-funding-program-details-climate-and-energy/

The Governor's Office of Business & Economic Development ("GO-Biz") has opened a new webpage and released a a spreadsheet of federal funding programs being tracked by the Governor's Office of Business and Economic Development (GO-Biz) and partner agencies with a focus on climate and clean energy related funding. Most programs fall within the Bipartisan Infrastructure Law (BIL) and Inflation Reduction Act (IRA). The sheet key shows which programs are currently open or closed, upcoming deadlines, and programs we know the state or partners have a plan to pursue funding for, and programs we are seeking applicants for. For more information on federal funding opportunities and resources, click here. To learn more about California Climate Action, click here.

GO-Biz Federal Funding – Crowd Source Form

GO-Biz Fed Funding Tracker (Public)

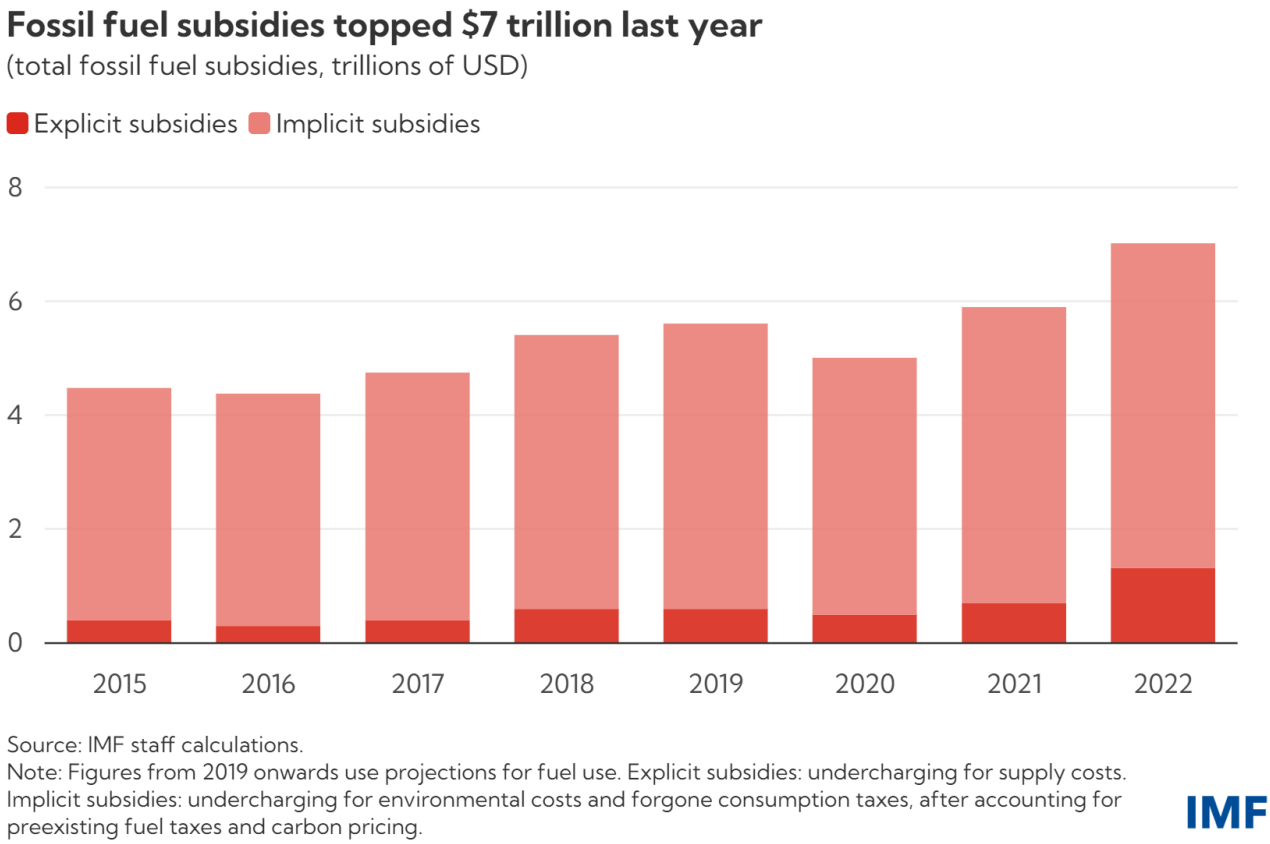
	Plan Status	Program Title	Next Deadline	Act	Act Section	Open/Closed	Total National Funding	Website	Modified	-
1		**Sheet Key & Information**							06/06/23 12:59 PM	
2		Open Opportunity (can still apply)	Deadline within 45 days						05/03/23 3:55 PM	
3		Upcoming Opportunity							06/05/23 10:32 AM	
4									06/05/23 10:32 AM	
5		<--At least one application from CA (planned or submitted, any applicant known to GO-Biz)							06/06/23 1:21 PM	
6		<--Plan being formed (that GO-Biz is aware of)							06/06/23 1:16 PM	
7									06/06/23 1:13 PM	
8									06/06/23 12:59 PM	
9									06/06/23 1:04 PM	
10		**US DOE**							**06/06/23 1:04 PM**	
11		Hydrogen Hub	Decision expected Fall 2023	IIJA/BIL	40314	Closed	$8,000,000,000	https://www.energy.g	06/06/23 1:04 PM	
12		Grid Resilience & Innovation Partnerships (GRIP) - Umbrella		IIJA/BIL			$10,500,000,000	https://www.energy.g	06/06/23 1:20 PM	
13		Grid Innovation Program (topic area 3) (aka Program Upgrading Our Electric Grid and Ensuring Reliability and Resiliency) (40103(b))	05/19/23	IIJA/BIL	40103(b)	Closed	$5,000,000,000	https://www.energy.g	06/06/23 1:04 PM	
14		Smart Grid Grants (GRIP Topic/Funding Area 2) - 40107		IIJA/BIL			$3,000,000,000	https://www.energy.g	07/03/23 2:33 PM	
15		Grid Resilience Utility and Industry Grants (GRIP Topic/Funding Area 1) - 40101(c)		IIJA/BIL			$2,500,000,000	https://www.energy.g	06/06/23 1:04 PM	
16		Preventing Outages & Enhancing the Resilience of the Electric Grid (40101(d))	08/31/23	IIJA/BIL	40101(d)	Open for those who have submitted LOIs/CPs	$5,000,000,000	https://www.energy.g	07/03/23 2:33 PM	
17		State Energy Program (SEP) (40109)		IIJA/BIL	40109	Closed	$500,000,000	https://www.energy.g	07/03/23 2:33 PM	

Track Federal Spending here and Bipartisan Infrastructure Law awards here.

6. IMF: Fossil fuel subsidies = $7T in 2022

On August 24, the International Monetary Fund released a report that governments across the globe provided ~$7 trillion in subsidies to fossil fuel companies when taking into account environmental costs, ~$5 trillion.

As the Chart of the Week shows, fossil-fuel subsidies rose by $2 trillion over the past two years as explicit subsidies (undercharging for supply costs) more than doubled to $1.3 trillion. That's according to the IMF new paper, which provides updated estimates across 170 countries of explicit and implicit subsidies (undercharging for environmental costs and forgone consumption taxes). Download detailed data for different countries and fuels here.



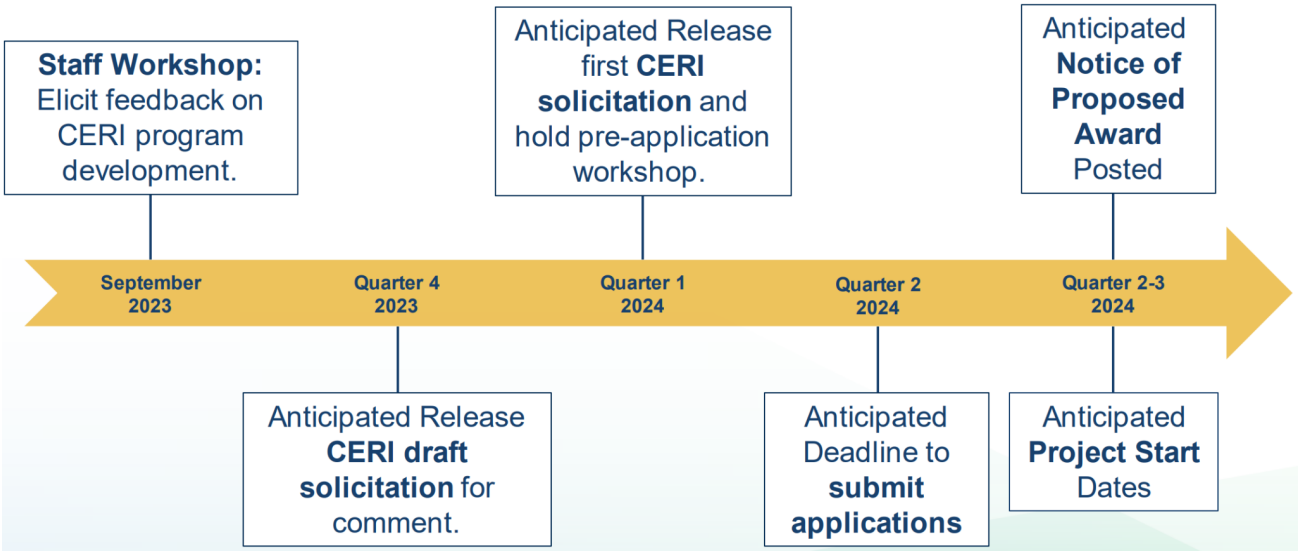
7. CEC Community Energy Resilience Investment Program (IIJA)

On September 12, the CEC a staff workshop to elicit feedback on the Community Energy Resilience Investment (CERI) program development and proposed criteria. CERI is the California entity under the CEC that will be handling federal Infrastructure Investment and Jobs Act ("IIJA" or Bipartisan Infrastructure Law "BIL") implementation.

CERI Round 1 solicitations will offer at least two solicitations:

- minimum two years of funding (~$64M)
- maximum three years of funding (~$96M
- Eligible entities:
    - Electric grid operators
    - Electric storage operators
    - Electricity generators
    - Transmission owners or operators
    - Distribution providers
    - Fuel suppliers
    - Other

Next steps:



You can find more information and resources on the CERI workshop here.

8. IRA Resource Collection (Repost)

Inflation Reduction Act Links + Resources

Implementation of IRA & IIJA

1. EPA GHG Reduction Fund
    1. Solar for All
    2. National Clean Investment Fund
    3. Clean Communities Investment Accelerator
2. HOMES/HEEHR

Congressional Business

1. FY24 EE Appropriations
    i. EE Sign-on Letter – E&W FY24 Conference
    ii. House E&W Bill (Text) (Report)
    iii. House Interior Bill (Text) (Summary)
    iv. Senate E&W Bill (Text) (Report)

Other Links

1. AnnDyl Policy Brief:
    i. The Residential Capital Stack: Maximizing Impacts of HOMES, HEEHR, 25C Tax Credit, WAP, and Utility Programs for Existing Single-Family Homes
    ii. BlueGreen Alliance Resources:
        1. Making Clean Energy Tax Credits Deliver for the Public: A User Guide for Governments, Schools, and Nonprofits
        2. Domestic Content Bonus for Clean Energy Tax Credits
        3. Roadmap to Navigating Federal Funding for Public Buildings

Federal Program Links

- DOE FOA IIJA Weatherization Assistance Program Enhancement & Innovation Grants
  - Applications Due **1/5/24**
- EPA GHG Reduction Fund (GGRF) – Solar for All Program NOFO
  - Applications **Due 09/26/23;** Announcement
- EPA GHG Reduction Fund (GGRF) – National Clean Investment Fund NOFO
  - Applications **Due 09/26/23;** Announcement
- EPA GHG Reduction Fund (GGRF) – Clean Communities Investment Accelerator NOFO
  - Applications **Due 10/12/23;** Announcement
- DOE FOA – IIJA Assisting Federal Facilities with Energy Conservation Technologies (AFFECT Grants)
  - Phased Submission Deadlines for Federal Agencies – **Winter Due 11/29/23**
- HUD Green and Resilient Retrofit Program (GRRP)
  - GRRP Elements **Due 3/28/24**, GRRP Leading Edge **Due 4/30/24**, and GRRP Comprehensive **Due 5/30/24**
- DOE – IRA Home Energy Rebate Programs (HOMES & HEEHRA)
- DOE FOA – IIJA Energy Improvement in Rural or Remote Areas (ERA) Program
- DOE FOA – IIJA/IRA Industrial Decarb and Emissions Reduction
- DOE FOA – IRA Heat Pump Defense Production Act
- DOE FOA – IIJA IACs & BTAC
- DOE FOA – IIJA Energy Efficiency and Conservation Block Grant (EECGB) Competitive Program
- DOE FOA IIJA FY23 RENEW AMERICA'S NONPROFITS (EE Materials Pilot Program)

California / CEC:

- Governor's Office of Business and Economic Development ("GoBiz") has released a Federal Funding Tracker crowd source form. You can find the spreadsheet of federal funding programs being tracked by the Governor's Office of Business and Economic Development (GO-Biz) and partner agencies with a focus on climate and clean energy related funding here. Most programs fall within the Bipartisan Infrastructure Law (BIL) and Inflation Reduction Act (IRA).
  - The sheet key shows which programs are currently open or closed, upcoming deadlines, and programs we know the state or partners have a plan to pursue funding for, and programs we are seeking applicants for.
  - For more information on federal funding opportunities and resources, click here.
- **CEC IRA resource webpage: There is a wealth of information on this webpage!**
- The CEC is in the midst of preparing IRA, HOMES/HEERH funding implementation. Currently there is one upcoming opportunity/issue:
  - Contractor Training for Inflation Reduction Act Residential Energy Rebate Programs The California Energy Commission (CEC) plans to apply to the U.S. Department of Energy for funding to provide contractor training for residential energy rebate programs funded by the federal Inflation Reduction Act (IRA). The CEC is seeking input to inform preparation of its application to the U.S. Department of Energy (DOE) for IRA Contractor Training Program funding. CEC staff has developed a list of questions in the link above, but other feedback and topics are welcome.

        - Comments and any supporting documentation are due by September 25, 2023.
        - CEDMC does not anticipate commenting
- Otherwise:
    - 2023: CEC workshops and program development (currently no workshops have been held or are scheduled)
    - 2024: Programs launch and rebates available to the public

Next Meeting

Our next Federal Policy WG meeting will be rescheduled from Wednesday October 11 at **8:15 am**. Call-in coordinates are below.

Zoom link
Call-in: +13126266799,,83592457581#
Passcode: cedmc2022