# **Getting it Built Right**

Toward Practices that Responsibly Facilitate California's Energy Transition

November 3, 2023 San Jose, CA



Time	Session Title	Objective
9 – 9:15am	Welcome and Opening	
9:15 – 10am	Session 1: Setting the Stage	<ul> <li>Explain CCAs and baselines on project development approach</li> <li>Explain CCP</li> <li>Scale new resource procurement needs and electric system transformation</li> </ul>
10 – 11am	Session 2: Challenges with clean energy project development	<ul> <li>Categorize and assess challenge areas for project development</li> <li>Identify stakeholder groups involved in project success</li> </ul>
11:00 – 11:20am	Networking Break	
11:20 – 12:20pm	Session 3: Strategies for Getting Things Built Right, Part 1	<ul> <li>Assess environmental, land-use, equity, and local community perspectives and goals in clean energy project development</li> </ul>
12:20 – 1:20pm	Networking Lunch	
1:20 – 2:20pm	Session 4: Strategies for Getting Things Built Right, Part 2	<ul> <li>Explore Workforce, Community Benefits, and local economic goals in project development</li> </ul>
2:20 – 2:45pm	Closing Session	

## WELCOME AND OPENING

### 9 – 9:15am

- Alex Morris, GM, CC Power
- CC Power Vice-Chair and San Jose host: Lori Mitchell, CEO, San Jose Clean Energy
- CC Power Officer and event moderator: Geof Syphers, CEO, Sonoma Clean Power





CC Power allows its member CCAs to combine their buying power to procure new, cost-effective clean energy and reliability resources to continue advancing local and state climate goals. CC Power members represent over 3 million customers across more than 145 municipalities spanning from Humboldt County to Santa Barbara County.















## Introductions



### WELCOME!

- Meet a few people and share:
  - Name
  - Why you care about clean energy
  - Roles you have or organizations with which you work.
  - A favorite thing about Fall



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## **Session 1: Setting the Stage**

### 9:15 – 10am

- Beth Vaughan, CEO, California Community Choice Association (Cal-CCA)
- Geof Syphers, CEO, Sonoma Clean Power



### SHARED GOAL

We're all here because we agree California's transition to clean electricity must occur at the pace set by state policy.

### **GROUND RULES**

- CCAs are here to listen, ask questions, challenge.
- No negotiations. No decisions.
- Keep it practical. Real world examples. Share data.



### INPUT

- Meeting Notes:
  - Notetaking during event will capture comments and input.
  - Notes will be posted to: <u>https://cacommunitypower.org/events/</u>
- Written comments can be submitted at <u>comments@cacommunitypower.org</u>.
  - Comments preferred by Nov 24<sup>th</sup> to enable possible discussion at Dec CC Power Board Mtg.

PROCESS

CC Power Board to form *ad hoc* committee to review input from today and recommend next steps. 10



Agency for joint action across several community-owned electricity providers. 9 current members.

Actions taken:

- Purchased 138 MW of new geothermal
- Purchased 952 MWh of new long-duration storage
- Issued RFI for offshore wind power

## California's New Challenge

CALIFORNIA COMMUNITY POWER

Senate Bill 100 established a requirement that 100% of electricity sales are sourced by renewable or carbon-free sources by 2045.

But planned retirement of "once-through cooling" power plants in disadvantaged communities are getting delayed.

We are *all* are learning:

- Procurement is the easy part
- Transmission is the bottleneck



## California's New Challenge

CALIFORNIA COMMUNITY POWER

### Scale is staggering:

- 7,000 MW new renewables and storage per year for next 20 years
- We have nearly run out of spare transmission
- Will likely require "all-of-the-above" strategy in-state, imports, customer-owned

Happening at same time as distribution challenge:

 PG&E is falling behind on connecting new homes, EV charging, businesses





### CA Community Power Getting It Built Right November 3, 2023





## Beth Vaughan CEO, CalCCA

## **Community Choice Evolution**









### POWER

## CCA Anticipated Departing Load by Investor-Owned Utility 2022-2024



## **CCA POWER SOURCES**

- None of the CCAs energy contracts are with specified natural gas or coal resources
- CCA reliance on unspecified resources is similar to IOUs
- CCA's GHG emissions intensity is well below the state average (265 lbs CO2e/MWh compared to 423 lbs CO2e/MWh)

NCING LOCAL ENERGY CHOIC



Data Sources: 2021 and 2022 CEC Power Source Disclosure Program Filings

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## **NEW BUILD RESOURCES**











CCA PPA TRANSPARENCY

#### CONTRACTOREN

	CCA Long-Term Clean Energy Power Purchase Agreements								
	ССА	Project Name	Technology	Nameplate Capacity (MW)	Nameplate Storage (MW)	Storage Capacity (MWh)	County (or state if outside CA)	Online Year	PPA Term (Years)
1	Apple Valley Choice Energy	Duran Mesa Wind	Wind	2.0			New Mexico	2021	15
2	Apple Valley Choice Energy	Tecolote	Wind	13.5			New Mexico	2021	15
3	Apple Valley Choice Energy	Voyager Wind IV Expansion	Wind	4.6			Kern	2021	12
4	Apple Valley Choice Energy	Santa Paula Energy Storage	Standalone Storage		2.0	8.0	Ventura	2024	10
5	Apple Valley Choice Energy	Black Walnut	Standalone Storage		3.0	12.0	Ventura	2025	10
6	Apple Valley Choice Energy	Cape Station	Geothermal	1.7			Utah	2026	15
7	Central Coast Community Energy	Cal Flats BESS (RA only)	Standalone Storage		60.0		Monterey	2021	10
8	Central Coast Community Energy	Casa Diablo IV	Geothermal	7.0			Mono	2022	10
9	Central Coast Community Energy	Rabbitbrush	Solar + Storage	60.0	12.0	30.0	Kern	2022	15
10	Central Coast Community Energy	RE Slate 1	Solar + Storage	67.5	33.8	135.0	Kings	2022	17
11	Central Coast Community Energy	Angiola	Solar + Storage	20.0	20.0	80.0	Tulare	2023	15
12	Central Coast Community Energy	Victory Pass	Solar + Storage	100.0	50.0	200.0	Riverside	2023	15
13	Central Coast Community Energy	Yellow Pine	Solar + Storage	75.0	39.0	156.0	Nevada	2023	20
14	Central Coast Community Energy	Atlas	Standalone Solar	150.0			Arizona	2023	10
15	Central Coast Community Energy	Mountain View	Wind	33.3			Riverside	2023	20
16	Central Coast Community Energy	Fish Lake	Geothermal	2.4			Nevada	2024	20
17	Central Coast Community Energy	Ormat	Geothermal	22.4			California & Nevada	2024	20
18	Central Coast Community Energy	Aratina	Solar + Storage	120.0	30.0	90.0	Kern	2024	20
19	Central Coast Community Energy	Jasmine	Solar + Storage	70.0	17.5	70.0	Kern	2024	12
20	Central Coast Community Energy	San Luis West	Solar + Storage	62.5	15.6	62.0	Fresno	2024	15
21	Central Coast Community Energy	RCPA Storage	Standalone Storage		10.0	40.0	Santa Barbara	2024	20
22	Central Coast Community Energy	Bodega	Standalone Storage		10.0	80.0	Monterey	2026	20
23	Central Coast Community Energy	Green Valley	Standalone Storage		16.0	128.0	Monterey	2026	20
24	Central Coast Community Energy	Rava Mesa	Standalone Storage		6.0	48.0	Monterey	2026	20
25	Clean Energy Alliance	Tecolote	Wind	30.0			New Mexico	2021	15
26	Clean Energy Alliance	TBD	Geothermal	20.0			Utah	2026	15
27	Clean Power Alliance	Voyager Wind II Phase 4	Wind	21.6			Kern	2019	15
28	Clean Power Alliance	Mohave County Wind Farm	Wind	300.0			Arizona	2020	15
29	Clean Power Alliance	High Desert	Solar + Storage	100.0	50.0	200.0	San Bernardino	2021	15
30	Clean Power Alliance	Golden Fields	Standalone Solar	40.0			Kern	2021	15
31	Clean Power Alliance	Edwards Sanborn	Standalone Storage		100.0	400.0	Kern	2021	15
32	Clean Power Alliance	Arlington	Solar + Storage	233.0	132.0	528.0	Riverside	2022	16
33	Clean Power Alliance	Luna	Standalone Storage		100.0	400.0	Los Angeles	2022	15
34	Clean Power Alliance	Daggett 2	Solar + Storage	65.0	52.0	208.0	San Bernardino	2023	15
35	Clean Power Alliance	Daggett 3	Solar + Storage	123.0	61.5	246.0	San Bernardino	2023	15
36	Clean Power Alliance	Estrella	Solar + Storage	56.0	28.0	112.0	Los Angeles	2023	16
37	Clean Power Alliance	Resurgence	Solar + Storage	48.0	40.0	160.0	San Bernardino	2023	20
38	Clean Power Alliance	Prologis - Dominguez	Standalone Solar	1.0			Los Angeles	2023	15
39	Clean Power Alliance	Prologis - El Segundo	Standalone Solar	0.6			Los Angeles	2023	15
40	Clean Power Alliance	Prologis - Wilmington 1	Standalone Solar	1.8			Los Angeles	2023	15
41	Clean Power Alliance	Prologis - Wilmington 2	Standalone Solar	0.6			Los Angeles	2023	15
42	Clean Power Alliance	Prologis - Workman	Standalone Solar	1.9			Los Angeles	2023	15
43	Clean Power Alliance	Arica	Solar + Storage	93.5	71.0	284.0	Riverside	2024	15

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CCAs: MAPPING OUT A CLEAN ENERGY FUTURE Community Choice Aggregators (CCAs) have signed long-term power purchase agreements for close to 14,000 Megawatts (MW) with new-build clean energy resources, fueling renewable energy development, green jobs, and economic growth throughout California.



Long-term contracts totaling close to 14 GW signed with **New-Build Clean Energy Projects** as of Nov. 2023

## **CCA PPA STATS**



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## CCA PPAs equate to:

- Almost 14 GW of renewables + energy storage
- More than 5,300 MW operational
- More than \$25 billion committed by CCAs to build/operate
- Support for 29,000 construction jobs



## **GREEN ENERGY, GREEN JOBS**

CONTRACTOREN

## Unions/Trades that are building CCA-contracted projects include:

Carpenters (Local 102) Carpenters (Local 152) Carpenters (Local 713) Carpenters (Local 909) Carpenters (Local 951) Cement Masons (Local 600) IBEW (Local 11) IBEW (Local 47) IBEW (Local 100) IBEW (Local 125) IBEW (Local 184) IBEW (Local 302) IBEW (Local 428)

IBEW (Local 440) IBEW (Local 447) IBEW (Local 477) IBEW (Local 551) IBEW (Local 569) IBEW (Local 595) IBEW (Local 684) IBEW (Local 1245) Insulators (Local 5) Ironworkers (Local 155) Ironworkers (Local 229) Ironworkers (Local 378)

## **GREEN ENERGY, GREEN JOBS** (CONT.)

### Unions/Trades that are building CCA-contracted projects include:



Ironworkers (Local 416) Ironworkers (Local 433) Laborers (Local 29) Laborers (Local 89) Laborers (Local 152) Laborers (Local 220) Laborers (Local 294) Laborers (Local 300) Laborers (Local 304) Laborers (Local 324) Laborers (Local 743) Laborers (Local 783) Laborers (Local 1130)

Laborers (Local 1184) Millwrights (Local 102) Operating Engineers (Local 3) **Operating Engineers (Local 12)** Pile Drivers (Local 34) Plumbers and Pipefitters (Local 228) Plumbers and Pipefitters (Local 460) RichmondBuild Steamfitters (Local 342) Teamsters Teamsters (Local 315)

## **CCA IRP Procurement on Track but Faces Challenges**

## CCAs collectively are on track in response to CPUC procurement orders, though 2024 will be challenging

CCA projects are facing delays for reasons common to all LSEs

	Number of Delayed Projects	Delayed Capacity (NQC MW)
Total	51	1,763
Supply Chain	30	1,344
Interconnection	25	717
Permitting	14	356
Other	16	334

Note: CCA projects can be delayed for multiple reasons. The total delays are not the sum of the individual delay reasons.

Data updated May 2023





Data updated August 2023

Note: Combined D19 and MTR progress is only an estimate. Final compliance depends on whether and how approximately 180 MW of excess D19 procurement is allocated to MTR.

## **MEETING SB 100 GOALS**

CONTRACTOREN

### Rate of Generation Development Needed to Meet SB100 Goals is Unprecedented

- Historical Annual Net Build Rate (2001-2021): 1,308 MW\*
- Future Annual Net Build Rate Required to Meet SB100 2045 Goal = 7,292 MW\*\*
- Annual Growth Rate Must Increase 557% to Meet 2045 Goals

Data Source: https://www.energy.ca.gov/data-reports /energy-almanac/california-electricity-data/electric-

\* generation-capacity-and-energy

Data Source: SB 100 Joint Agency Report

\*\* <u>https://efiling.energy.ca.gov/EFiling</u> /<u>GetFile.aspx?tn=237167&DocumentContentId=70349</u> Assumes straight line growth between years identified in the report



## **Tight RA Market = High RA Prices**

CONTRACTOREN

A 6 GW drop in net RA supply over 2019-21 accompanied by doubling of the average RA price

White Paper: California's Constrained RA Market: Ratepayers Left Standing in a Game of Musical Chairs <u>https://cal-cca.org/resource-</u> <u>adequacy</u>



Data Sources: CalCCA RA Stack, CPUC Resource Adequacy Reports, FERC EQRs

## **CCA Program Highlights** cal-cca.org/programhighlights



#### **Redwood Coast Airport Microgrid**

Redwood Coast Energy Authority launched California's first 100% renewable energy, front-ofthe-meter, multi-customer microgrid is now fully operational. Located in Humboldt County, California, the microgrid provides energy resilience for the regional airport and US Coast Guard Air Station.



#### **Community Outreach Grants**

Peninsula Clean Energy's Community Outreach Grants support organizations offering details to income-gualified and other customers on bill savings and other clean energy program benefits





#### **Transformative Home Electrification**

East Bay Community Energy has partnered with BlocPower to electrify 60 additional homes throughout EBCE's service territory. EBCE is providing \$1M in project financing and \$400,000 in incentives to fund this first-of-its-kind project for low- to moderate-income (LMI) singlefamily households.



#### **EV Rebate Program**

Offering rebates of up to \$6,000, Peninsula Clean Energy makes it easier for residents in its member communities to purchase a used electric vehicle (EV). Used EV owners already save money on ueling and maintenance costs—now they can also enjoy immediate savings at time of purchase.



#### Microgrid Maintenance Fellowship Program

CPA partnered with LACI's Green Jobs Fellowship to launch the solar-plus-storage maintenance training program to prepare program participants with the necessary skills to operate, deploy and maintain microgrid components and software.



#### Affordable Charging Access

Silicon Valley Clean Energy's pilot with Ecology Action demonstrated a low-power charging technology and business model designed specifically for affordable housing communities.



#### **EV Ride-Hailing Program**

Peninsula Clean Energy is joining with Lyft and its rental car partner Flexdrive to expand electric vehicle (EV) use in ride-hailing in San Mateo County and beyond. As part of the Ride-Hail Electrification Pilot Program, Peninsula Clean Energy will provide \$500,000 for a rental incentive to ride-hailing drivers to make the cost of renting an EV comparable to a gas-powered vehicle.



Silicon Valley Clean Energy and Google's innovative 24/7 carbon-free energy agreement embraces electrification and community collaboration in advancing a clean energy future.

#### Comprehensive 24/7 Carbon-Free Energy

have harnessed the value of their shared clean energy goals to create a fundamentally new 24/7 renewable energy service that features hourly renewable energy matching, integrated demand management, and a commitment to ongoing community investments in local building and transportation electrification.



#### **Backup Power for Critical Medical** Facilities

MCE's Energy Storage Program equipped the West Marin Medical Center (WMMC) in Point Reyes with a 10 kW (40 kWh) battery. The storage system is paired with the medical center's rooftop solar to provide emergency backup power and daily load shifting to reduce energy costs.



Home Upgrade Program

This Peninsula Clean Energy program provides

improve a home, making it more comfortable,

healthier, and even saving money on a utility bill.

#### **Smart EV Charging**

MCE has partnered with EV charging software firm evenergy to release the MCE Syric app for iOS and Android, providing a hassle-free way for EV drivers to charge off-peak and save money without any special hardware.



#### Mobile Solar and Battery Trailer

RCEA facilitated a one-year assignment of a mobile solar and battery trailer for the Southern Humboldt Fire Chiefs Association. The trailer will be utilized by 17 fire agencies.



Silicon Valley Clean Energy (SVCE) and Google

## Save the Date!



## **Session 1 Discussion**

- Beth Vaughan, CEO, Cal-CCA
- Geof Syphers, CEO, SCP



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## Session 2: Challenges with Clean Energy Development

### 10 – 11am

- Danielle Mills, Director of Market Policy Development, CAISO
- Cody Hill, Sr. Vice President, Battery Systems, REV Renewables
- Moderator: Geof Syphers, CEO, SCP



# Getting it Built Right: Transmission and Interconnection

Danielle Osborn Mills California Community Power November 3, 2023 A 2022 MOU between the ISO and state energy agencies reflects a broad, coordinated strategy to tighten linkages between planning, procurement, and interconnection.



### Expectations:

- The CPUC will provide direction to its jurisdictional load serving entities (LSEs) to pursue resources in the key zones.
- Procurement will focus on the expected quantities enabled by the planned transmission development, as set forth in the ISO's transmission planning process (TPP);
- State agencies, local regulatory authorities (LRAs), and LSEs will continue to significantly inform the ISO's TPP.

# The 2022-2023 Transmission Plan uses a zonal approach which enables direction and prioritization.



CAISO 2022-2023 draft Transmission Plan



Current circumstances have reinforced the need for transformative changes.

- CPUC resource portfolios call for over 7,000 MW per year for the CAISO's 2023-2024 planning cycle
- Interconnection requests continue to skyrocket
  - Many in areas not part of state resource plans, and in high volumes even in those areas
  - Cluster 15 in April 2023 vastly exceeded last year's informal survey results of about 300 expected requests.
  - The queue now has roughly double the capacity of that which will be needed to achieve California's 2045 requirements.

California ISO



# The ISO is considering major reform in the Interconnection Process Enhancements initiative.

- Track 2 focuses on the changes to the GIDAP cluster study process needed to achieve the MOU goals.
  - To be completed prior to resuming the Cluster 15 interconnection request validation and study processes.
  - The ISO plans to bring Track 2 to the ISO Board of Governors early in 2024.
- Track 1 focused on immediate adjustments to the Cluster 15 schedule.
  - Allows for completion of Cluster 14 phase II studies and for Track 2 changes to be put in place.
  - Adopted by the ISO Board of Governors in May 2023.
  - Approved by FERC in August 2023.



### The ISO is working with stakeholders to find solutions.

- The ISO and stakeholders are engaged in an intensive working group process, which began in May of 2023.
- Stakeholder proposals and working group feedback informed key elements of the Straw Proposal, and are a continued topic of discussion and refinement.
- The ISO will continue to hold stakeholder working group meetings prior to posting the next paper.





FERC Order No. 2023 raises the bar, but deeper reforms are necessary through the ISO policy initiative.

Issued July 28, 2023

- The ISO currently complies with many requirements (e.g. cluster study in lieu of a serial study)
- The ISO intends to comply with as much of FERC Order No. 2023 as possible as quickly as possible, and is moving forward with IPE simultaneously.
- The compliance filing is due April 3, 2024.

![](_page_38_Picture_5.jpeg)

FERC Order No. 2023 raises the bar, but deeper reforms are necessary through the ISO policy initiative.

The following elements are new FERC requirements, now considered out-of-scope for the IPE initiative:

- Updated interconnection request requirements
  - Site control requirements
- Interconnection information availability and heat map
- Updated entry fees and deposits for queue entry
- Single-phase study process and schedule
- Updated financial posting requirements and withdrawal penalties
- Affected system processes
- Consideration of grid-enhancing technologies
- Consideration of planned storage operation

![](_page_39_Picture_11.jpeg)

Key concepts in the initiative reimagine interconnection request intake, validation, and study.

- Zonal approach to planning, procurement, and interconnection studies, with accessible data.
- Scoring criteria to prioritize most "ready" projects for study process
- Auction as a backstop mechanism to right-size the number of projects and capacity in the study process
- Reform the merchant-financing "Option B" process
- Address disjointed transmission construction schedules through changes to the Transmission Plan Deliverability (TPD) Allocation process.

![](_page_40_Picture_6.jpeg)

Key concepts in the initiative create clearer rules and decision points for projects currently in the interconnection queue.

- Provide a one-time opportunity to withdraw from the queue and receive any unused portion of financial postings.
- Impose a time-in-queue requirement and milestones for all new projects in the queue, encouraging projects to either perform or withdraw.
- Tighten a broad range of requirements for projects moving through the queue processes.

![](_page_41_Picture_4.jpeg)

The IPE 2023 timeline is aggressive so that we can continue to make forward progress and bring new resources online.

- To implement process changes ahead of Cluster 15 phase I studies, the ISO seeks to present Track 2 to the Board of Governors early in 2024.
- Visit the initiative webpage for more information: <u>https://stakeholdercenter.caiso.com/StakeholderInitiatives/Interconnection-</u> <u>process-enhancements-2023</u>

![](_page_42_Picture_3.jpeg)

## REV Renewables: Getting It Built Right

Cody Hill Nov 3, 2023

![](_page_43_Picture_2.jpeg)

### **REV Renewables: Company Overview**

#### California Energy Storage Market Leaders

615 MW Battery storage currently operating in California, 125 MW more under construction for 2024

#### >\$1B Capital deployed

• 1<sup>st</sup> merchant battery in CAISO market

Many 1<sup>st</sup>s

- Gateway largest project in world when built
- \*  $1^{st}/Largest$  storage portfolio project financing
- 1<sup>st</sup> to market energy hedge contracts backed by batteries to LSEs
- 1<sup>st</sup> contract for 8 hour duration storage in CA
- 1<sup>st</sup> ever successful battery expansion/augmentation

![](_page_44_Picture_11.jpeg)

Based on S&P U.S. Power Plant Summary (2020).
 Includes battery storage, solar (in DC units), and wind.

#### Largest Deregulated Storage Portfolio in the U.S.<sup>(1)</sup>

![](_page_44_Figure_14.jpeg)

### Solar 365 MW<sub>AC</sub> Wind 132 MW

![](_page_44_Picture_16.jpeg)

### Gateway Energy Storage

![](_page_45_Picture_1.jpeg)

![](_page_45_Picture_2.jpeg)

### Diablo Energy Storage

![](_page_46_Picture_1.jpeg)

### LeConte Energy Storage

![](_page_47_Picture_1.jpeg)

![](_page_47_Picture_2.jpeg)

## **Session 2 Discussion**

- Danielle Mills, Director of Market Policy Development, CAISO
- Cody Hill, Sr. Vice President, Battery Systems, REV Renewables
- Moderator: Geof Syphers, CEO, SCP

![](_page_49_Picture_0.jpeg)

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2:20 – 2:45pm	Closing Session	)

## **NETWORKING BREAK**

11 - 11:20am

![](_page_51_Picture_0.jpeg)

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## Session 3: Strategies for Getting Things Built Right – Part 1

### 9 – 9:15am

- Erica Brand, California Energy Commission
- Kate Kelly, Defenders of Wildlife
- Sarah Xu, Brightline Defense Project
- Moderator: Geof Syphers, CEO, Sonoma Clean Power

## **Session 3 Discussion**

- Erica Brand, California Energy Commission
- Kate Kelly, Defenders of Wildlife
- Sarah Xu, Brightline Defense Project
- Moderator: Geof Syphers, CEO, Sonoma Clean Power

![](_page_54_Picture_0.jpeg)

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## **NETWORKING LUNCH**

12:20 - 1:20pm

![](_page_56_Picture_0.jpeg)

Time	Session Title	Objective
9 – 9:15am	Welcome and Opening	
9:15 – 10am	Session 1: Setting the Stage	<ul> <li>Explain CCAs and baselines on project development approach</li> <li>Explain CCP</li> <li>Scale new resource procurement needs and electric system transformation</li> </ul>
10 – 11am	Session 2: Challenges with clean energy project development	<ul> <li>Categorize and assess challenge areas for project development</li> <li>Identify stakeholder groups involved in project success</li> </ul>
11:00 – 11:20am	Networking Break	
11:20 – 12:20pm	Session 3: Strategies for Getting Things Built Right, Part 1	<ul> <li>Assess environmental, land-use, equity, and local community perspectives and goals in clean energy project development</li> </ul>
12:20 – 1:20pm	Networking Lunch	
1:20 – 2:20pm	Session 4: Strategies for Getting Things Built Right, Part 2	<ul> <li>Explore Workforce, Community Benefits, and local economic goals in project development</li> </ul>
2:20 – 2:45pm	Closing Session	,

## Session 4: Strategies for Getting Things Built Right – Part 3

### 1:20 – 2:20pm

- Rick Bonilla, Principal, Authorized Personnel and Labor
- Alex Lantsberg, Research and Advocacy Director, SF Electrical Construction Industry
- Eric Veium, Director of CC Workforce and EJ Alliance
- Moderator: Geof Syphers, CEO, Sonoma Clean Power

## **Session 4 Discussion**

- Rick Bonilla, Principal, Authorized Personnel and Labor
- Alex Lantsberg, Research and Advocacy Director, SF Electrical Construction Industry
- Eric Veium, Director of CC Workforce and EJ Alliance
- Moderator: Geof Syphers, CEO, Sonoma Clean Power

![](_page_59_Picture_0.jpeg)

Time	Session Title	Objective
9 – 9:15am	Welcome and Opening	
9:15 – 10am	Session 1: Setting the Stage	<ul> <li>Explain CCAs and baselines on project development approach</li> <li>Explain CCP</li> <li>Scale new resource procurement needs and electric system transformation</li> </ul>
10 – 11am	Session 2: Challenges with clean energy project development	<ul> <li>Categorize and assess challenge areas for project development</li> <li>Identify stakeholder groups involved in project success</li> </ul>
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12:20 – 1:20pm	Networking Lunch	
1:20 – 2:20pm	Session 4: Strategies for Getting Things Built Right, Part 2	<ul> <li>Explore Workforce, Community Benefits, and local economic goals in project development</li> </ul>
2:20 – 2:45pm	Closing Session	

## **Closing Session**

### 2:20 - 2:45pm

- Geof Syphers, CEO, Sonoma Clean Power
- Alex Morris, GM, CC Power

![](_page_61_Picture_0.jpeg)

### SHARED GOAL

We're all here because we agree California's transition to clean electricity must occur at the pace set by state policy.

### **GROUND RULES**

- CCAs are here to listen, ask questions, challenge.
- No negotiations. No decisions.
- Keep it practical. Real world examples. Share data.

![](_page_62_Picture_0.jpeg)

### INPUT

- Meeting Notes:
  - Notetaking during event will capture comments and input.
  - Notes will be posted to: <u>https://cacommunitypower.org/events/</u>
- Written comments can be submitted at <u>comments@cacommunitypower.org</u>.
  - Comments preferred by Nov 24<sup>th</sup> to enable possible discussion at Dec CC Power Board Mtg.

PROCESS

CC Power Board to form *ad hoc* committee to review input from today and recommend next steps. 63

## **Closing Comments**

CALIFORNIA COMMUNITY POWER

- Feedback welcome
- Comments to <u>comments@cacommunitypower.org</u>
  - Prefer to receive by 11/24

• Thank you!