



SPECIAL MEETING of the Community Advisory Committee of the Clean Power Alliance of Southern California

Thursday, September 22, 2022

1:00 p.m.

SPECIAL NOTICE: Pursuant to the Proclamation of the State of Emergency by Governor Newsom on March 4, 2020, AB 361, and enacting Resolutions, and as a response to mitigating the spread of COVID-19, the Community Advisory Committee will conduct this meeting remotely.

[Click here to view a Live Stream of the Meeting on YouTube](#)

*There may be a streaming delay of up to 60 seconds. This is a view-only livestream.

To Listen to the Meeting:

<https://us06web.zoom.us/j/96592426856> or

Dial: (346) 248-7799 Meeting ID: 965 9242 6856

PUBLIC COMMENT: Members of the public may submit their comments by one of the following options:

- **Email Public Comment:** Members of the public are encouraged to submit written comments on any agenda item to clerk@cleanpoweralliance.org up to four hours before the meeting. Written public comments will be announced at the meeting and become part of the meeting record. Public comments received in writing will not be read aloud at the meeting.
- **Provide Public Comment During the Meeting:** Please notify staff via email at clerk@cleanpoweralliance.org at the beginning of the meeting but no later than immediately before the agenda item is called.
 - You will be asked for your name and phone number (or other identifying information) similar to filling out a speaker card so that you can be called on when it is your turn to speak.
 - You will be called upon during the comment section for the agenda item on which you wish to speak on. When it is your turn to speak, a staff member will unmute your phone or computer audio.
 - You will be able to speak to the Committee for the allotted amount of time. Please be advised that all public comments must otherwise comply with our Public Comment Policy.
 - Once you have spoken, or the allotted time has run out, you will be muted during the meeting.

If unable to connect by Zoom or phone and you wish to make a comment, you may submit written comments during the meeting via email to: clerk@cleanpoweralliance.org.

While downloading the Zoom application may provide a better meeting experience, Zoom does not need to be installed on your computer to participate. After clicking the webinar link above, click “start from your browser.”

Meetings are accessible to people with disabilities. Individuals who need special assistance or a disability-related modification or accommodation to participate in this meeting, or who have a disability and wish to request an alternative format for the meeting materials, should contact the Clerk of the Board at clerk@cleanpoweralliance.org or 213-308-5851 Notification in advance of the meeting will enable us to make reasonable arrangements to ensure accessibility to this meeting and the materials related to it.

PUBLIC COMMENT POLICY: *The General Public Comment item is reserved for persons wishing to address the Committee on any Clean Power Alliance-related matters not on today’s agenda. Public comments on matters on today’s Consent Agenda and Regular Agenda shall be heard at the time the matter is called. Comments on items on the Consent Agenda are consolidated into one public comment period. As with all public comments, members of the public who wish to address the Committee are requested to complete a speaker’s slip and provide it to Clean Power Alliance staff at the beginning of the meeting but no later than immediately prior to the time an agenda item is called.*

Each speaker is limited to two (2) minutes (in whole minute increments) per agenda item with a cumulative total of five 5 minutes to be allocated between the General Public Comment, the entire Consent Agenda, or individual items in the Regular Agenda. Please refer to Policy No. 8 – Public Comment for additional information.

CALL TO ORDER & ROLL CALL

GENERAL PUBLIC COMMENT

CONSENT AGENDA

1. Approve Minutes from July 21, 2022, Community Advisory Committee
2. Update on Implementation of Workplan Priorities

REGULAR AGENDA

3. Oral Update from the Chief Executive Officer on CPA Operations
4. Los Angeles County Vice-Chair Election
5. Member Expansion Presentation
6. Integrated Resource Plan Presentation

COMMITTEE MEMBER UPDATES, ACCOMPLISHMENTS, OR WORK-IN-PROGRESS

ITEMS FOR FUTURE AGENDAS

ADJOURN – NEXT MEETING ON OCTOBER 20, 2022

Public Records: *Public records that relate to any item on the open session agenda for a regular Committee Meeting are available for public inspection. Those records that are distributed less than 72 hours prior to the meeting are available for public inspection at the same time they are distributed to all, or a majority of,*

the members of the Committee. The public records are available for inspection online at www.cleanpoweralliance.org/agendas.

[Return to Agenda](#)**MINUTES**

REGULAR MEETING of the Community Advisory Committee of the
Clean Power Alliance of Southern California

Thursday, July 21, 2022

1:00 p.m.

The Community Advisory Committee conducted this meeting in accordance with California Governor Newsom's Executive Order N-29-20 and COVID-19 pandemic protocols.

CALL TO ORDER AND ROLL CALL

Chair Haake called the meeting to order at 1:00 p.m. and Christian Cruz, Community Outreach Manager, conducted a roll call.

East Ventura/West LA County	Angus Simmons (Vice-Chair)	Remote
East Ventura/West LA County	Jennifer Burke	Remote
East Ventura/West LA County	Debbie West	Remote
San Gabriel Valley	Richard Tom	Absent
San Gabriel Valley	Kim Luu	Absent
West/Unincorporated Ventura County	Lucas Zucker	Remote
West/Unincorporated Ventura County	Vern Novstrup	Absent
South Bay	David Lesser	Remote
South Bay	Vacant	
Gateway Cities	Irella Perez	Remote
Gateway Cities	Genaro Bugarin	Remote
Westside	Cris Gutierrez	Remote
Westside	David Haake (Chair)	Remote
Unincorporated Los Angeles County	Neil Fromer	Remote
Unincorporated Los Angeles County	Kristie Hernandez (Vice-Chair)	Absent

All votes are unanimous unless otherwise stated.

GENERAL PUBLIC COMMENT

No public comment.

CONSENT AGENDA

1. Approved Amended Minutes from July 21, 2022, Community Advisory Committee Meeting

Motion Committee Member Fromer, Unincorporated Los Angeles County
Second Committee Member Gutierrez, Westside
Vote The minutes were approved by a roll call vote

2. Update on Implementation of Workplan Priorities

Motion Committee Member Gutierrez, Westside
Second Committee Member Bugarin, Gateway Cities
Vote The update was approved by a roll call vote

REGULAR AGENDA

3. Chair and Vice Chair Elections

Christian Cruz, Community Outreach Manager, provided a summary of the nominees and an overview of the voting process. Each nominee gave a two-minute speech regarding their interest, qualifications and experience. Through unanimous consent Committee Member Neil Fromer and Committee Member Jennifer Burke were elected as Chair and Ventura County Vice-Chair, respectively. An election for the position of Los Angeles County Vice-Chair will be held at the next meeting for nominees Vice-Chair Kristie Hernandez and Committee Member Genaro Bugarin.

4. Assembly Bill 205 Impacts

Gina Goodhill, Director of Government Affairs gave an oral update on Assembly Bill 205. She highlighted the additional second year of arrearages program, changes to CARE rates, the long duration storage program at the California Energy Commission (CEC), and new funding for demand response. She noted that the arrearages program is expected to provide between \$15 – \$20 million towards residential customers' energy bills and the changes to rates will add further protections to ensure low-income customers' bills do not increase.

Ms. Goodhill responded to Committee Member Gutierrez and Committee Member Fromer questions relating to the second year of the arrearages program and the messaging to CPA customers. She noted that customers eligibility and messaging for the arrearages program will be worked on jointly by Southern California Edison (SCE) and Clean Power Alliance (CPA).

Committee Member Bugarin asked about customers that are currently facing disconnection. Ms. Goodhill clarified the program will seek to help customers most in need, such as those close to disconnection. Customers close to disconnection will receive notices through SCE to set up payment plans, and once funds are available SCE will be responsible for the distribution of the statewide funds.

Ms. Goodhill responded to Committee Member Zucker and Committee Member Fromer's inquiry concerning the extension of gas plants in Southern California. Ms. Goodhill noted that a letter was sent and signed by three legislators clarifying that their intention is to avoid hindering environmental goals and ensure that action will only be taken in an emergency setting.

COMMITTEE MEMBER UPDATES, ACCOMPLISHMENTS, OR WORK-IN-PROGRESS

Committee Member Gutierrez is working with Santa Monica youth on energy education.

Committee Member Gutierrez and Committee Member Perez are also co-leading the CAC youth education initiative that is being drafted and will be brought forward by the CAC.

COMMITTEE MEMBER COMMENTS

No comments.

ITEMS FOR FUTURE AGENDA

No comments.

ADJOURN

Chair Haake adjourned the meeting at 2:05 pm.



Staff Report – Agenda Item 2

To: Clean Power Alliance (CPA) Community Advisory Committee
From: Christian Cruz, Community Outreach Manager
Approved by: Ted Bardacke, Chief Executive Officer
Subject: Update on Implementation of Workplan Priorities
Date: September 22, 2022

RECOMMENDATION

Receive and file.

BACKGROUND

This monthly report outlines the Community Advisory Committee (CAC) and CPA staff activities in support of the CAC.

CAC 2022 Retreat

As outlined in Section 2 of the CAC workplan, the CAC will hold its annual retreat, virtually, on Thursday, November 17th from 1:00 PM – 4:00 PM. This retreat is intended to provide the CAC members with an opportunity to revisit the CAC workplan and review key accomplishments in advancing shared goals. Other topics that will tentatively be covered during the retreat include

- CPA 101
- Youth Initiative Next Steps
- CPA Diversity, Equity, and Inclusion Plan Update

Based on discussions between the CAC Chair, Vice Chairs, and staff, a draft agenda will be developed in the coming weeks, and staff will distribute the agenda to the CAC once finalized.

YOUTH EDUCATION INITIATIVE

CAC members Cris Gutierrez and Dr. Irella Perez are currently in the process of drafting a proposed pilot youth education initiative for consideration by the CAC. This proposal will identify partnership opportunities to educate K-12 students about CPA, create regional youth ambassadors, and advance knowledge about renewable energy and future clean energy career opportunities. An initial draft of the proposal will be presented to the CAC during the annual retreat scheduled for November 17th. The CAC will be asked to provide feedback and a path forward during the discussion.



Staff Report – Agenda Item 3

To: Clean Power Alliance (CPA) Community Advisory Committee
From: Ted Bardacke, Chief Executive Officer
Subject: Oral Update from the Chief Executive Officer on CPA Operations
Date: September 22, 2022

The Chief Executive Officer will provide an oral update on CPA operations.



Staff Report – Agenda Item 4

To: Clean Power Alliance (CPA) Community Advisory Committee

From: Christian Cruz, Community Outreach Manager
Gabby Monzon, Clerk of the Board

Approved by: Ted Bardacke, Chief Executive Officer

Subject: Chair and Vice-Chair Elections

Date: September 22, 2022

RECOMMENDATION

Appoint one candidate to the Vice-Chair position, representing jurisdictions in Los Angeles County, for the term July 1, 2022, to June 30, 2024.

CAC OFFICER ELECTIONS

At the July CAC meeting, the CAC appointed Committee Member Neil Fromer (LA Unincorporated) as Chair, and Jennifer Burke (East Ventura/West LA Region) as Ventura County Vice-Chair. However, the CAC decided to host an election for Los Angeles County Vice-Chair during the September CAC meeting, as one of the candidates, CAC member Kristie Hernandez, was absent during the July meeting.

Additionally, CAC members David Lesser and David Haake elected to remove their names from consideration for the open Los Angeles County Vice-Chair seat, leaving CAC members Genaro Bugarin and Kristie Hernandez as the remaining candidates. On August 8th, Kristie Hernandez notified staff that she decided to remove her name from consideration.

Current Los Angeles County Vice-Chair Candidate	
Name	Region
Genaro Bugarin	Gateway Region



Staff Report – Agenda Item 5

To: Clean Power Alliance (CPA) Community Advisory Committee
From: Karen Schmidt, Senior Advisor, Strategy
Subject: Member Expansion
Date: September 22, 2022

Staff will provide a presentation on the Member Expansion.

ATTACHMENT

- 1) Member Expansion PPT



Expansion Invitations

September 22, 2022



Executive Summary

- ⚡ Board priorities for expansion include filling geographic gaps, seeking load synergies, and diversifying CPA membership.
- ⚡ On September 1, the CPA Board authorized the offer of membership to three cities – Hermosa Beach, Monrovia, and Santa Paula.
- ⚡ Adding these cities is expected to have significant environmental and operational benefits and minimal financial impacts to existing customers.
- ⚡ Each city must pass an ordinance to join CPA's Joint Powers Authority by November 30, 2022.
- ⚡ Staff seeks CAC support in identifying and reaching out to future expansion candidates.
 - Today's presentation is for information only – no action required.



Three cities well-aligned with CPA priorities have requested to be considered for JPA membership this year

- ⚡ Board priorities for expansion include:
 1. Fill geographic holes within CPA’s service territory
 2. Seek out load centers where there are synergies with CPA’s environmental and/or programmatic goals
 3. Increase diversity among CPA membership
- ⚡ Hermosa Beach, Monrovia, and Santa Paula elected to move forward with the application process this year
 - Each aligns with at least two of the three expansion priorities

City	Customers	% of CPA Customers	Total Load (MWh)	% of CPA Load	Load Rank among cities
Hermosa Beach	10,670	1.1%	80,508	0.7%	27
Monrovia	17,291	1.7%	246,718	2.1%	18
Santa Paula	9,974	1.0%	109,169	0.9%	25
Total	37,935	3.8%	436,396	3.7%	9



Feasibility Studies

- ⚡ A feasibility study was done for each candidate city with a \$10,000 cost contribution by each city; if the city was not invited, the cost contribution would have been refunded.
- ⚡ Feasibility studies looked at the financial impact to CPA's existing customers of serving a new set of customers based on projected rates and costs in the first year of service.
- ⚡ In a time of rising energy prices, prospective new members will always have a higher cost of service and negative financial impact in the near-term relative to existing customers.
 - When the current and forward cost of energy is higher than CPA's existing contracts, the average cost of energy procurement for new customers will be higher than for existing customers.
 - For short-term contracts, this impact will decline over time because most of CPA's hedges are procured no more than three years forward.
 - For long-term contracts, the potential impact is longer lasting, but the magnitude is dependent on CPA's future renewable energy contract costs, which are uncertain.



Benefits and Impact

- ⚡ The near-term impact of the proposed 2022 candidates is small relative to CPA's total load, customer base, and revenue
 - The first-year impact of adding the three candidate cities results in a projected 0.6% - 0.7% reduction in CPA revenue and a small impact to existing CPA customer bills to make up for the lost revenue

	Projected Bill Impact to Current Customers: Average Residential Bill Example
\$/kWh	\$0.00053 – \$0.00059
\$/monthly bill	\$0.15 – \$0.17
% of average bill	0.09%

- ⚡ The benefits of continuing to fill out CPA's service territory and expand its reach to new customers and communities are significant
 - Along with expanding choice, environmental benefits, and scale economies in procurement and operations, adding new communities will continue to strengthen CPA's market position and political impact

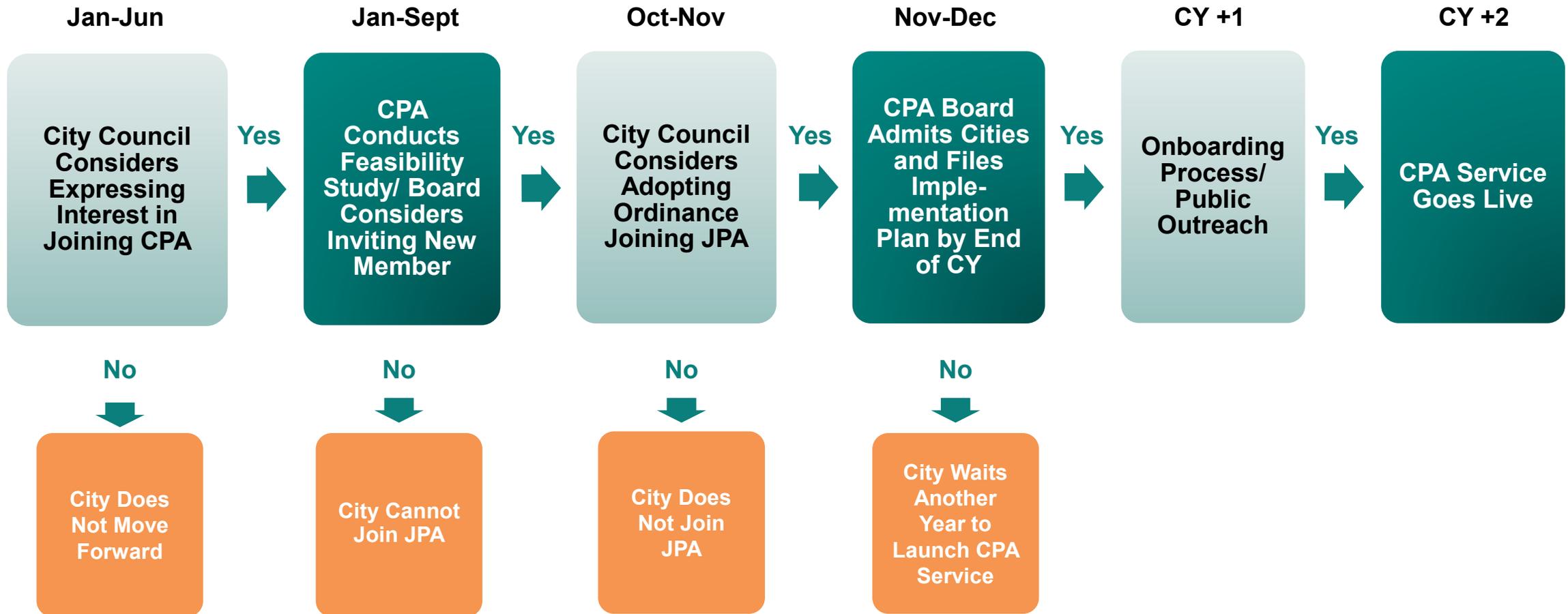
Process and Timeline

- ⚡ **September 1, 2022:** CPA Board authorized inviting Hermosa Beach, Monrovia, and Santa Paula to join CPA.
- ⚡ **By November 30, 2022:** Candidate cities pass ordinance to join CPA's JPA and proceed with CCA implementation. Cities may choose default rate at that time or defer the decision to 2023.
- ⚡ **December 2022:** CPA Board holds public hearing and considers Resolution to approve Implementation Plan Addendum and to admit cities into CPA.
- ⚡ **By December 31, 2022:** CPA submits Implementation Plan Addendum to CPUC.
- ⚡ **January – December 2023:** CPA secures energy resources to serve new load and works with new member agencies on default rate selection (if applicable), launch timeline, and community outreach and education.
- ⚡ **2024:** Service to new customers begins; launch date to be determined by CPA.

Discussion

Appendix

Typical Process to join CPA





Staff Report – Agenda Item 6

To: Clean Power Alliance (CPA) Community Advisory Committee
From: Natasha Keefer, Vice President, Power Supply
Subject: Integrated Resource Plan
Date: September 22, 2022

Staff will provide a presentation on the Integrated Resource Plan.

ATTACHMENT

- 1) Integrated Resource Plan PPT

2022 Integrated Resource Plan (IRP) Introduction

September 22, 2022



Executive Summary

- ⚡ The Integrated Resource Plan (IRP) is a CPUC proceeding to evaluate long-term grid resource needs
- ⚡ CPA is required to file an IRP every two years. CPA's 2022 IRP is due by November 1st
- ⚡ IRP submissions require approval by CPA's "Governing Body" and will be presented to the Energy Committee for approval on October 26th
- ⚡ During August and September, staff is seeking feedback on initial modeling results from the Energy Committee, Board, and Community Advisory Committee with the target of completing its final analysis during October
 - Today's presentation is for information only (no action required)





Agenda

- ⚡ Background
- ⚡ Preliminary Results
- ⚡ Key Findings



Background



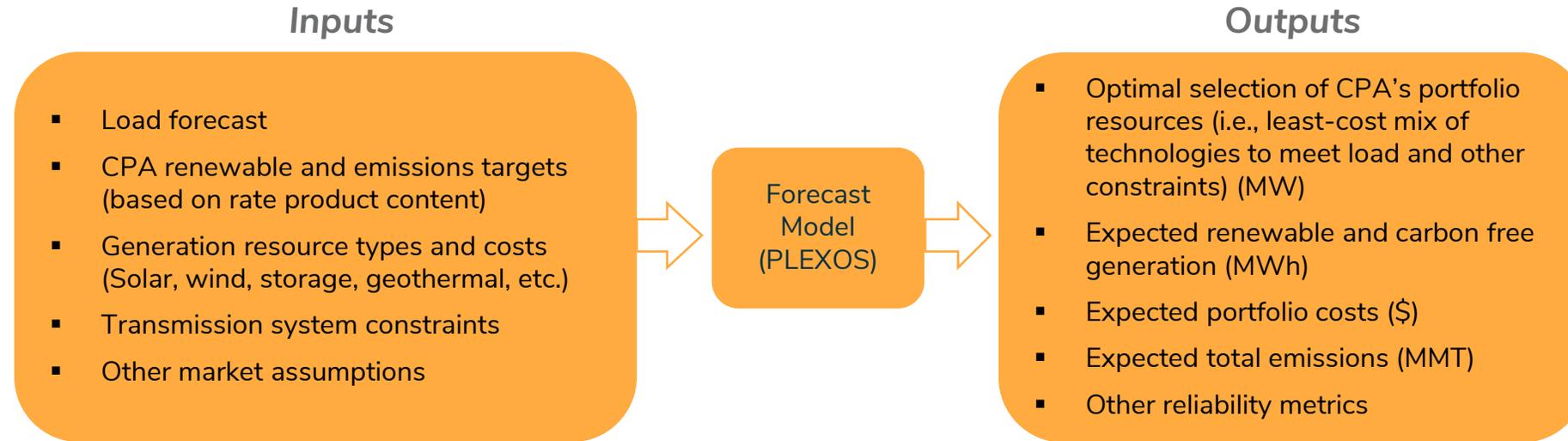
What's the IRP?

- ⚡ The IRP proceeding is an important forum for statewide planning and may result in procurement orders for CPA from the CPUC
- ⚡ The IRP planning process also informs CPA's internal long-term power procurement strategy

- ⚡ The CPUC proceeding evaluates the state's resource needs by taking a 10-year-ahead look at electric system needs, based on assumptions developed in conjunction with the CEC (provides demand forecast) and the CAISO (which uses the same assumptions for transmission planning)
- ⚡ The CPUC uses the assumptions to model overall electric system reliability needs, reliability needs specific to areas with transmission limitations (local areas), and system flexibility needs (such as resources needed to integrate renewables)
- ⚡ The assumptions are revised every two years to incorporate changes in the resource mix and revisions to State policies (e.g., higher RPS or GHG targets)
- ⚡ As part of that two-year cycle, LSEs are required to submit plans reflecting their individual procurement preferences and submission requirements as directed by the CPUC
- ⚡ When needs are identified, the CPUC authorizes procurement in the form of a Commission Decision



IRP Modeling



- ⚡ CPA's plans will be optimized to achieve the three goals of reliability, GHG reduction, and least-cost procurement
- ⚡ Will reflect renewable and carbon free procurement for customer demand (embodied in current and future product offerings), which by 2023 will far exceed California's 2030 renewable energy mandate.



Planning for California's Energy Transition

The IRP is intended to address:

- ⚡ How the California grid will remain reliable with high penetration of intermittent renewables and the retirement of fossil fuel resources
- ⚡ Planning for long-lead time resources, including:
 - Offshore wind
 - Procurement of out-of-state renewables and related transmission
 - Long-duration storage
- ⚡ SB 1020 interim targets of 90% emissions free by 2035 and 95% emissions free by 2040



Inputs and Scenarios

- ⚡ Although not required for the CPUC filing, for internal planning, CPA will be running the following scenarios prior to IRP submission, if possible

Key Input	Base Case	Low Case	High Case
Load forecast	CPUC-assigned	Low temps and high BTM	High temps and high electrification
New build resource types and costs	CPUC assumptions, including resource RA accounting	N/A	CPA internal assumptions reflecting current market pricing and Inflation Reduction Act
Forecasted market power prices	Vendor mid-case	No Federal carbon tax	High gas prices
CPA renewable and carbon free targets (rate products)	Low Scenario	N/A	High Scenario



Scenarios for RPS and CF Annual Targets

⚡ For planning purposes, two rate product content scenarios are being modeled for the IRP:

	Lean Power	Clean Power*	100% Green Power
High Scenario (CPA achieves 100% renewable for Clean by 2030)	RPS/GHG Free Compliant	100% renewable by 2030	100% renewable today
Low Scenario SB 1020 by 2035 – have Lean and Clean merge	RPS/GHG Free Compliant and exceeds SCE’s estimated emissions intensity		100% renewable today

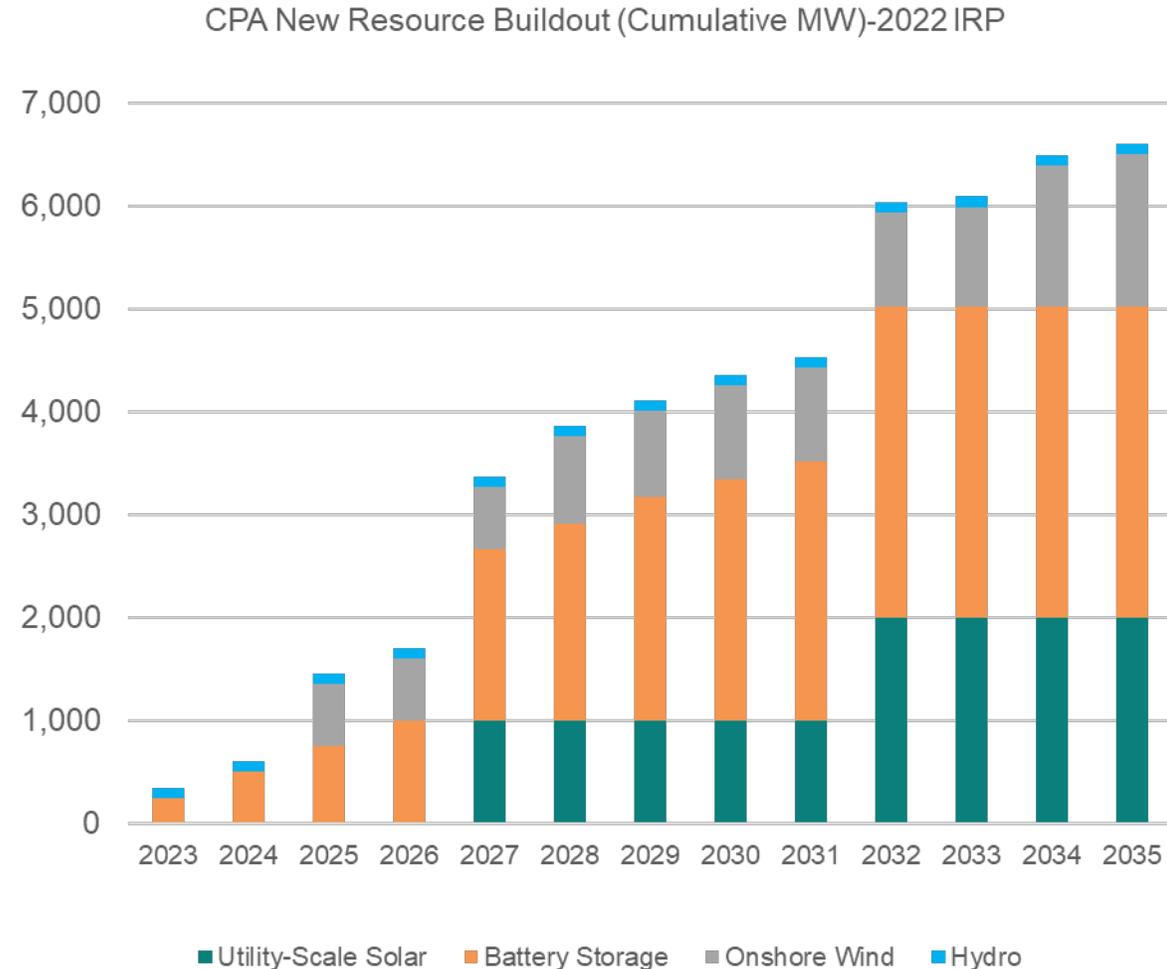
* Clean Power will maintain an emissions intensity target that exceeds SCE’s estimated emissions intensity

Preliminary Results



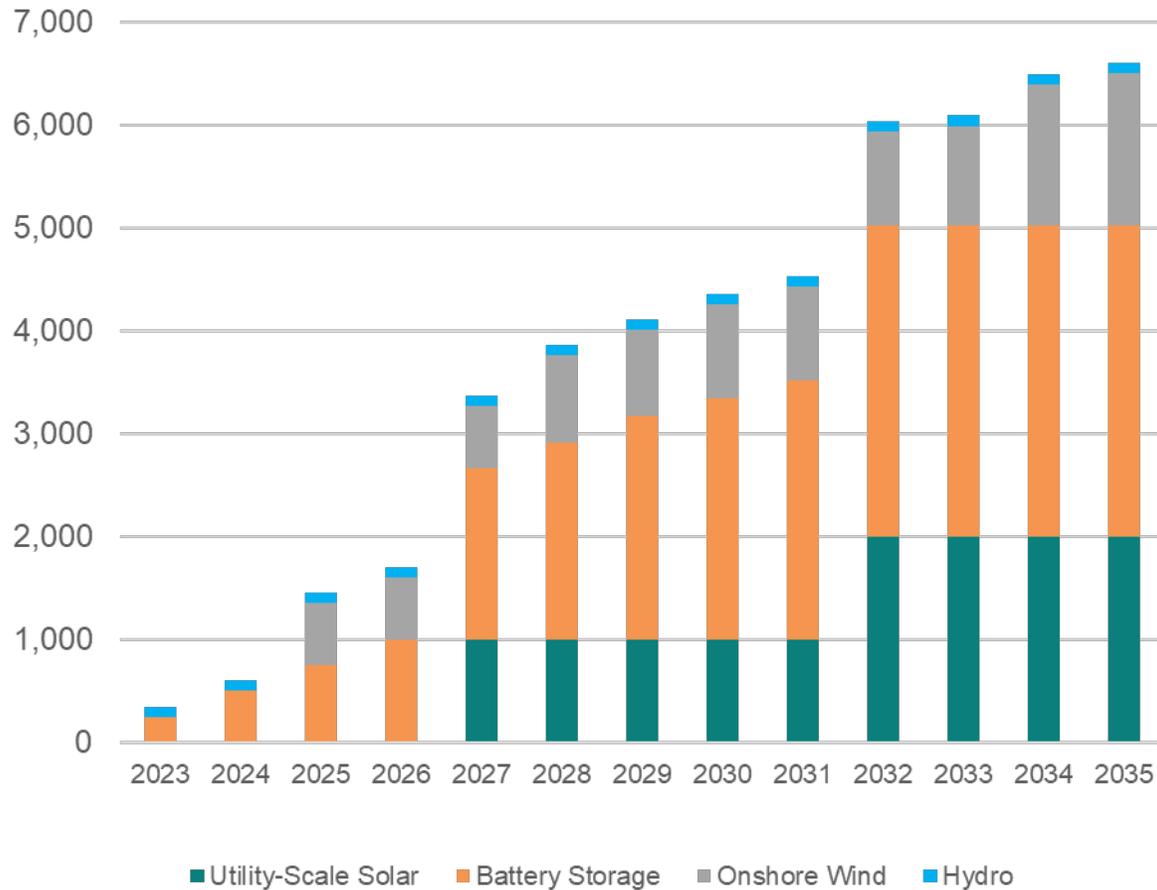
Capacity Buildout Scenario Results

- ⚡ In addition to our existing contracts, CPA will be filling its future resource needs with a mix of solar, battery storage, wind, and existing hydro
- ⚡ Due to CPA's large number of 100% Green Customers, the base case is anticipated to meet and exceed the 2035 30 MMT GHG case target

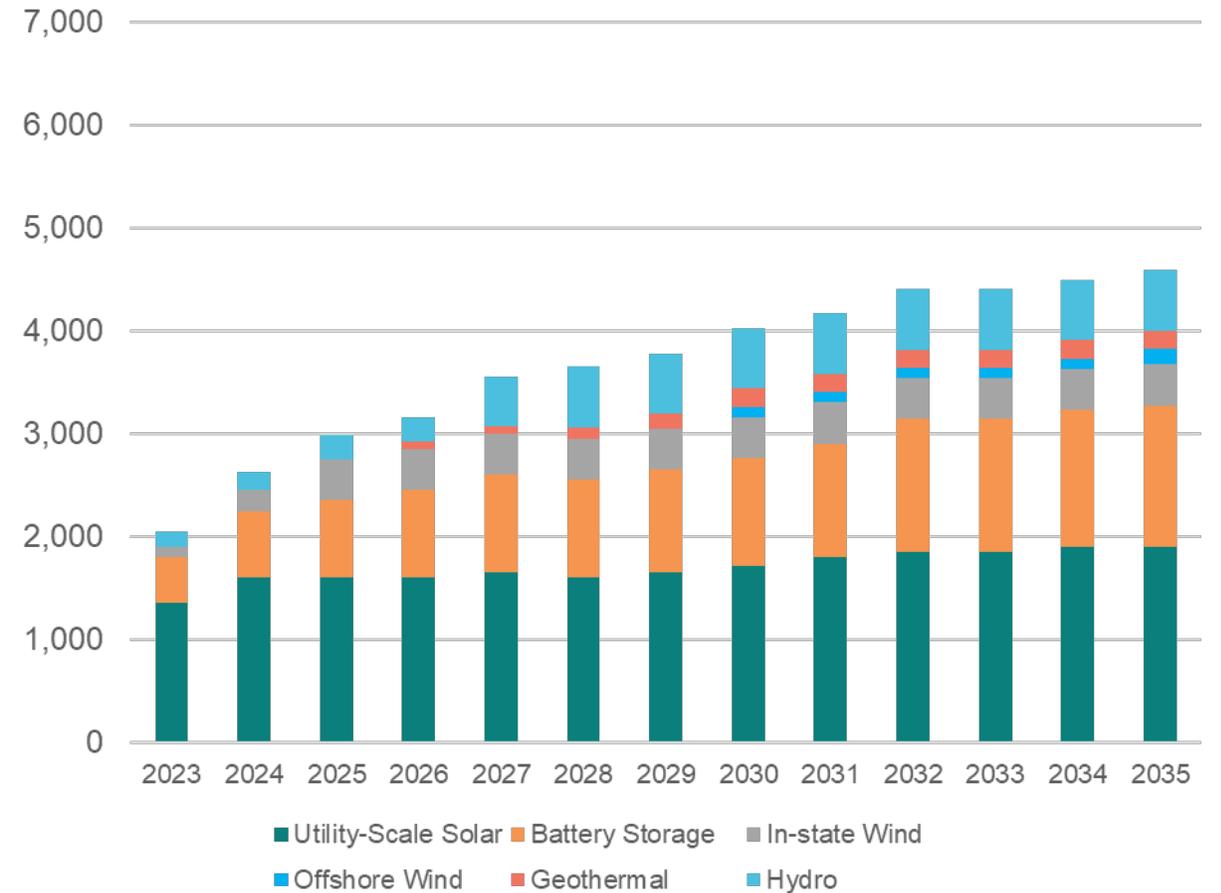


Comparison to 2020 IRP Results

CPA New Resource Buildout (Cumulative MW)-2022 IRP

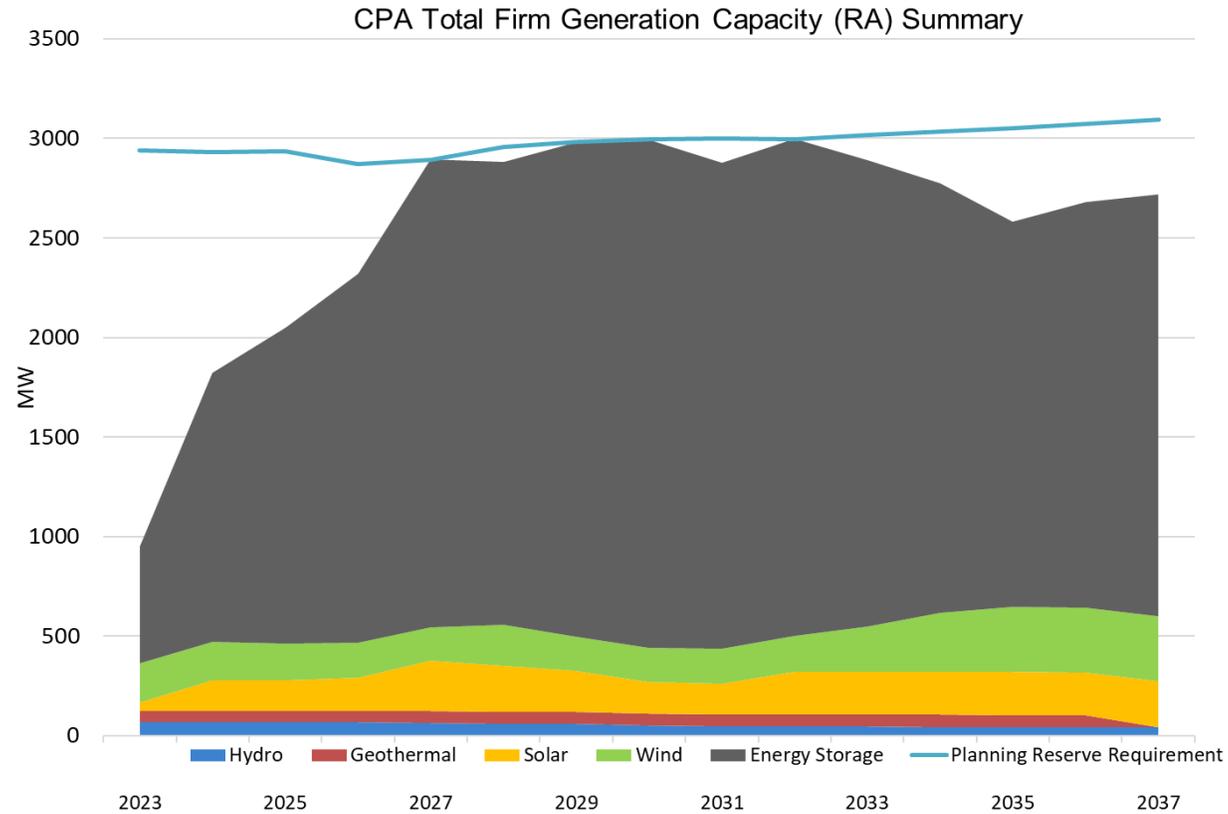


CPA New Resource Buildout (Cumulative MW)-2020 IRP



Reliability

- ⚡ Beginning in 2024, CPA is meeting the majority of its RA requirements with energy storage and nearly all of its RA requirements with storage by 2027



Key Findings



Key Findings / Discussion

- ⚡ CPA modeling optimizes to achieve the lowest cost power procurement while meeting reliability and environmental compliance
- ⚡ Because of the large number of 100% Green Rate customers, CPA expects to meet and exceed the State 30 MMT GHG targets, even in its lowest renewables case
 - The IRP modeling can inform future Board decisions around rate product content
- ⚡ Resource Adequacy and reliability requirements are a large driver of resource selection, include high amounts of energy storage
- ⚡ Because the CPUC's cost assumptions are out of date, CPA plans to run additional scenarios that reflect current market conditions, regulatory changes, and the passing of the Inflation Reduction Act
- ⚡ Although offshore wind is a candidate resource for CPA's portfolio, offshore wind was not selected due to its high cost
 - The CEC has proposed a preliminary planning goal range of 2,000-5,000 MW of offshore wind for 2030, and a procurement order could be issued in the future. In its additional scenarios, CPA may evaluate a portfolio with some offshore wind. Revised cost assumptions may also bring offshore wind back into the base portfolio.



Questions?

