SPECIAL MEETING of the Citizens Advisory Committee of the Peninsula Clean Energy Authority (PCEA)
Thursday, May 21, 2020
6:30 p.m.

PLEASE NOTE: for Video conference: https://meetings.ringcentral.com/j/1495903672
for Audio conference: dial +1(623) 404-9000,
then enter the Meeting ID: 149 590 3672 followed by #
You will be instructed to enter your participant ID followed by #.
NOTE: Please see attached document for additional detailed teleconference instructions.

PCEA shall make every effort to ensure that its video conferenced meetings are accessible to people with disabilities as required by Governor Newsom's March 17, 2020 Executive Order N-29-20. Individuals who need special assistance or a disability-related modification or accommodation (including auxiliary aids or services) to participate in this meeting, or who have a disability and wish to request an alternative format for the agenda, meeting notice, agenda packet or other writings that may be distributed at the meeting, should contact Anne Bartoletti, Board Clerk, at least 2 working days before the meeting at abartoletti@peninsulacleanenergy.com. Notification in advance of the meeting will enable PCEA to make best efforts to reasonably accommodate accessibility to this meeting and the materials related to it.

If you wish to speak to the Committee, please use the "Raise Your Hand" function on the Ring Central platform. If you have anything that you wish to be distributed to the Committee and included in the official record, please send to abartoletti@peninsulacleanenergy.com.

WELCOME

ROLL CALL

PUBLIC COMMENT
This item is reserved for persons wishing to address the Committee on any PCEA-related matters that are as follows: 1) Not otherwise on this meeting agenda; 2) Chief Executive Officer's Staff Report on the Regular Agenda; 3) Committee Members' Reports on the Regular Agenda. Public comments on matters not listed above shall be heard at the time the matter is called.

As with all public comment, members of the public who wish to address the Committee are requested to complete a speaker's slip and provide it to PCEA staff. Speakers are customarily limited to two minutes, but an extension can be provided to you at the discretion of the Committee Chair.

ACTION TO SET AGENDA

SPECIAL MEETING AGENDA

1. Discuss and Make Recommendation to the Board of Directors on PG&E Nuclear Allocation (Action) (est. 45 min.)

Public records that relate to any item on the open session agenda 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 members, or a majority of the members of the Committee. The Board of Directors has designated the Peninsula Clean Energy office, located at 2075 Woodside Road, Redwood City, CA 94061, for the purpose of making those public records available for inspection. The documents are also available on the PCEA's Internet Website. The website is located at: http://www.peninsulacleanenergy.com.

Instructions for Joining a RingCentral Meeting via Computer or Phone

Best Practices:

- Please mute your microphone when you are not speaking to minimize audio feedback
- If possible, utilize headphones or ear buds to minimize audio feedback
- If participating via videoconference, audio quality is often better if you use the dial-in option (Option 1 below) rather than your computer audio

Options for Joining

A. **Videoconference with Phone Call Audio (*Recommended*) – see Option 1 below**
B. **Videoconference with Computer Audio – see Option 2 below**
C. **Calling in from iPhone using one-tap – see Option 3 below**
D. **Calling in via Telephone/Landline – see Option 4 below**

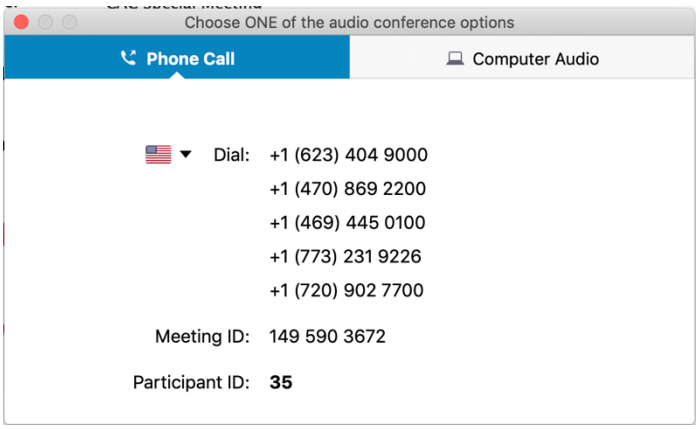
Videoconference Options:

Prior to the meeting, we recommend that you install the RingCentral Meetings application on your computer by clicking here: https://www.ringcentral.com/apps/rc-meetings

If you want full capabilities for videoconferencing (audio, video, screensharing) you must download the RingCentral application.

Option 1 Videoconference with Phone Call Audio (Recommended):

1. From your computer, click on the following link that is also included in the PCE Citizens Advisory Committee Meeting Calendar Invitation : https://meetings.ringcentral.com/j/1495903672
2. The RingCentral Application will open on its own or you will be instructed to Open RingCentral Meetings.
3. After the application opens, the pop-up screen below will appear asking you to choose ONE of the audio conference options. Click on the Phone Call option at the top of the pop-up screen.



IMPORTANT: Please do not use the Participant ID that is in the picture to the left. Enter the Participant ID that appears on your personal pop-up.

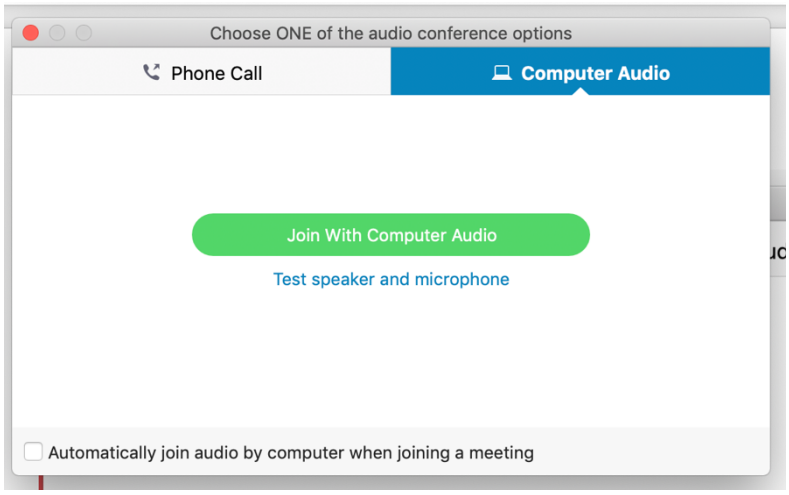
4. Please dial one of the phone numbers for the meeting (it does not matter which one) :

   +1 (623) 404 9000
   +1 (470) 869 2200
   +1 (469) 445 0100
   +1 (773) 231 9226
   +1 (720) 902 7700

5. You will be instructed to enter the meeting ID: **149 590 3672 followed by #**
6. You will be instructed to enter in your **Participant ID followed by #.** Your Participant ID is unique to you and is what connects your phone number to your RingCentral account.
7. After a few seconds, your phone audio should be connected to the RingCentral application on your computer.
8. In order to enable video, click on "Start Video" in the bottom left hand corner of the screen. This menu bar is also where you can mute/unmute your audio.

Option 2 Videoconference with Computer Audio:

1. From your computer, click on the following link that is also included in the PCE Citizens Advisory Committee Meeting Calendar Invitation : https://meetings.ringcentral.com/j/1495903672
2. The RingCentral Application will open on its own or you will be instructed to Open RingCentral Meetings.
3. After the application opens, the pop-up screen below will appear asking you to choose ONE of the audio conference options. Click on the Computer Audio option at the top of the pop-up screen.



4. Click the green Join With Computer Audio button
5. In order to enable video, click on "Start Video" in the bottom left hand corner of the screen. This menu bar is also where you can mute/unmute your audio.

Audio Only Options:

Please note that if you call in/use the audio only option, you will not be able to see the speakers or any presentation materials in real time.

Option 3: Calling in from iPhone using one-tap

Click on one of the following "one-tap" numbers from your iPhone. Any number will work, but dial by your location for better audio quality:

+1(623)4049000,,1495903672# (US West)

+1(720)9027700,,1495903672# (US Central)
+1(773)2319226,,1495903672# (US North)
+1(469)4450100,,1495903672# (US South)
+1(470)8692200,,1495903672# (US East)

This is the call-in number followed by the meeting ID. Your iPhone will dial both numbers for you.

You will be instructed to **enter your participant ID followed by #**

If you do not have a participant ID or do not know it, you can stay on the line and you will automatically join the meeting

Option 4: Calling in via Telephone/Landline:

Dial a following number based off of your location:

+1(623)4049000 (US West)

+1(720)9027700 (US Central)
+1(773)2319226 (US North)
+1(469)4450100 (US South)
+1(470)8692200 (US East)

You will be instructed to enter the meeting ID: **149 590 3672 followed by #**

You will be instructed to enter your **participant ID followed by #**.

If you do not have a participant ID or do not know it, you can stay on the line and you will automatically join the meeting

PENINSULA CLEAN ENERGY
JPA Board Correspondence

DATE: May 20, 2020
BOARD MEETING DATE: May 28, 2020
SPECIAL NOTICE/HEARING: None
VOTE REQUIRED: Majority Vote

TO: Honorable Peninsula Clean Energy Authority Board of Directors

FROM: Jan Pepper, Chief Executive Officer, Peninsula Clean Energy
Siobhan Doherty, Director of Power Resources

SUBJECT: Approve Interim Allocation of Large Hydro from PG&E to Peninsula Clean Energy (Action)

RECOMMENDATION:
Direct Peninsula Clean Energy staff to accept the interim large hydro allocation from PG&E, but not to accept the nuclear allocation.

BACKGROUND
Peninsula Clean Energy has set a goal for 2020 to serve customers with 95% GHG-free energy. Fifty percent of PCE's GHG-free energy portfolio are resources that qualify as renewable energy under the state's renewable portfolio standard program (RPS) and 45% are resources that do not qualify under the RPS but are considered GHG-free. Large hydro and nuclear do not emit any GHG emissions, but do not qualify under the state's RPS.

PG&E owns or contracts for GHG-free resources (including large hydro and nuclear from Diablo Canyon Power Plant). PG&E has been able to count these resources on its power content label (PCL) to meet its GHG-free targets. Load serving entities (LSEs), on the other hand, have been paying for those same assets through the PCIA, yet do not receive any of the GHG-free benefits through the PCL.

In mid-2019, CCAs approached PG&E to discuss whether PG&E would be agreeable to selling energy from their large hydro facilities.[1] PG&E ultimately refused to make sales

[1] Large hydro and nuclear resources count as GHG-free on the power content label (PCL), and investor-owned utilities (IOUs) have been benefiting from counting those resources to meet their GHG-free targets. LSEs, on the

in 2019, but subsequently approached CCAs and offered to allocate GHG-free resources (nuclear and large hydro) to CCAs and other eligible load serving entities (LSEs).

There is a separate, similar effort occurring in the Power Charge Indifference Adjustment (PCIA) Phase 2 Working Group 3 (WG 3) that is focusing on the allocation of GHG-free energy, among other things. Since the PCIA effort is expected to take effect in 2021, the allocation we are discussing here is meant as an **interim approach for 2020 only** until PCIA decisions are finalized.

Interim Proposal

The key elements of the interim proposal are:

- Limited in time to 2020
- Limited in the resources to which it applies:
    - In-state
    - Large hydroelectric
    - Nuclear
- Only available to retail suppliers whose customers pay PCIA with large hydroelectric and nuclear in their PCIA vintage
- Requires active agreement between retail suppliers to offer and to take generation
- No payment required

There is no obligation to accept this allocation of GHG-free energy. An LSE can choose to accept neither resource pool, one or the other, or both. Any unallocated amounts will revert back to PG&E to use or dispose as it sees fit pursuant to applicable law.

The PCIA is a non-bypassable charge set annually by the CPUC. The interim proposal and allocation mechanism, and whether Peninsula Clean Energy accepts an allocation, has no impact at all on PCIA charges. Regardless of what happens with the allocation mechanism, all customers, Peninsula Clean Energy customers included, pay for, and will continue to pay for, PG&E large hydroelectric and nuclear generation costs through the PCIA.

This allocation is only available to an LSE (as defined in the CAISO Tariff) and that (1) has forecasted load identified in PG&E's Energy Resource Recovery Account (ERRA) Forecast Application (ERRA Forecast Departed Load) for the calendar year in which the Allocation Amount is accepted; and (2) serves customers who pay the PCIA departing load charges for the above market costs of Resources.

In exchange for the allocation by PG&E, the receiving LSE "will waive their ability to make petitions, arguments or filings at the CPUC or at the California State Legislature regarding PG&E not offering any allocation, sale or transfer of Carbon Free Energy or

other hand, have been paying for those same assets through PCIA, yet do not receive any of the GHG-free benefits through the PCL.

attributes for the period that the eligible LSE accepts the offer. Neither PG&E nor the eligible LSEs will be required to post credit or collateral."

Timeline and Regulatory Process

On December 2, 2019, PG&E filed a Tier 3 Advice Letter and requested that the CPUC issue a final resolution by February 1, 2020. The interim proposal will only become effective upon CPUC approval of this Advice Letter and will remain in effect until the earlier of the effective date of a CPUC action on the PCIA Proposal Rulemaking (R.17-06-026) ordering an alternative methodology (PCIA Decision) and December 31, 2020. In practice, this means through 2020.

The Advice Letter was approved by the CPUC on May 7, 2020. PG&E is expected to provide a written letter with their allocation offer to LSEs, including PCE, around May 22 (before the May 28 PCE board meeting). Once PG&E makes the allocation, LSEs have 30 days to accept the allocation. Once accepted, PG&E will execute a contract within 15 days. We expect PG&E to start delivering allocations to LSEs around July 1, 2020.

Under the interim proposal, PG&E will allocate to each eligible LSE its load share of large hydro (hydro pool) and/or nuclear resources (nuclear pool) based on an LSE's election. Peninsula Clean Energy accounts for approximately 4% of PG&E's share. Staff estimates that the allocation PG&E offers to Peninsula Clean Energy may contain the following:

- 144 GWh of large hydroelectric power
- 378 GWh of nuclear power

These estimates assume that we start receiving deliveries from PG&E on July 1, 2020. The large hydro forecast is based on an analysis of the relationship between historic snowpack volumes and generation. The nuclear forecast is based on 2019 generation.

The volume that each LSE receives will ultimately depend on the volume of electricity generated by each resource pool in 2020 and the proportion of PG&E's load served by the LSE. PG&E has identified public historical production data for each resource pool and will provide actual generation on a monthly or quarterly basis approximately 55 days following the end of the month or quarter in order for LSEs to forecast and keep track of allocation amounts. Additionally, PG&E will provide each LSE with an annual attestation confirming actual year-end totals of generation from the Resource Pool(s) and notify the California Energy Commission of the sale of the Product for purposes of PCL reporting.

DISCUSSION

In January 2020, staff presented a recommendation to the Board regarding the interim allocation of 2020 GHG-free resources from PG&E to load serving entities (LSEs) including CCAs. That recommendation was to accept the large hydro allocation and to reject the nuclear allocation.

Since that initial presentation, there have been several changes:

- The actual amounts to be received from PG&E have decreased due to the delay in the California Public Utilities Commission approval of PG&E's Advice Letter – the initial expectation was that allocations would start in February 2020 and now they will start in July 2020.
- Peninsula Clean Energy's load forecast for calendar year 2020 has decreased due to the COVID-19 pandemic shelter-in-place, resulting in decreased need for GHG-free resources.
- The market price for GHG-free resources has dropped considerably due to decreased demand. The cost savings associated with accepting the nuclear allocation has decreased ten-fold from an expected $5.6 million to about $500,000.
- Market research results raise concerns about damage to the PCE brand by including the nuclear in our product mix. The potential reputational risk from accepting the nuclear allocation as part of our GHG-free target is greater than the potential savings that would result from accepting this allocation.

PROCUREMENT STATUS AND FISCAL IMPACT

The attached spreadsheet outlines the change in the load forecast and procurement status from the discussion in January until today. Column C is the January estimate, Column D is the estimate presented to the Executive Committee and Audit and Finance Committee on May 11. Based on input from the Audit and Finance Committee, staff revised the load forecast to that shown in Column E, which is the current expected load forecast upon which PCE is building its budget. Column F is the load forecast based on actual meter readings to date for January through March 2020.

The first line (Line 3 of the spreadsheet) is the Total PCE load for calendar year 2020. The current load forecast (Column E) shows a 10% decrease in load compared to the original pre-COVID forecast (Column C).

Lines 4 and 5 break out the load forecast between PCE's two products: ECOplus and ECO100. ECOplus consists of 50% renewable and ECO100 consists of 100% renewable. Line 7 calculates the total annual renewable energy needed to fulfill the 50% renewable portion of ECOplus and Line 8 calculated the total annual renewable energy needed to fulfill the 100% renewable content of ECO100. The total renewables needed is shown in line 9. Line 10 shows the expected renewables procured to date. For PPA contracts, actual generation may differ from forecasted generation. Any excess renewables are applied to the GHG-free needs. Column C shows that in January, we had procured all of the renewables needed for the year. Columns E and F show that we have excess renewables that can be applied to our GHG-free needs due to the decrease in expected load.

Line 13 calculates the 45% GHG-free need for ECOplus. Line 15 shows the GHG-free procured to date. PCE procured additional GHG-free resources after the January board meeting when it became clear that the PG&E allocations would be delayed and GHG-

free resources were available to purchase in the market prior to the COVID-19 impact on PCE's load. Line 17 shows the current GHG-free open position before the PG&E allocations, which shows how much additional GHG-free PCE needs. Column E and F show a need of about 305,000 to 310,000 MWh of GHG-free.

Line 19 and 20 are our current estimates of how much the PG&E hydro and nuclear allocations will be. Line 21 shows the GHG-free open position after only the hydro allocation. This indicates a potential need of 160,000 to 170,000 MWh of additional GHG-free. The cost to procure this has decreased, with our latest estimate showing a potential cost of $500,000 to procure this additional amount, a ten-fold decrease from the estimate provided to the board in January.

Line 26 shows the GHG-free open position after both the hydro and the nuclear allocation. This shows that we would be over-procured by about 215,000 MWh by accepting the nuclear. We have surveyed market participants for appetite to buy the excess nuclear allocation but have not found any interested counterparties.

Lines 31 through 35 show the percentages that renewables and GHG-free comprise at these different points in time. Currently, the renewables make up 60% of our resources, and would show as such on the Power Content Label. The GHG-free procured to date, plus the PG&E hydro allocation, would comprise 30% of our resources. Together, this totals 90% of GHG-free resources. The GHG-free procured to date, plus the hydro and nuclear allocations, would comprise 42% of our resources, showing us over-procured.

There is continued change in the load forecast, with the actual meter readings showing a continuing drop. We know that some of our large customers, such as Facebook and Google, have told their workers that they should continue to work from home until the end of the year. Numerous small businesses are closing their doors, with the consequent loss of that electric load. We hope that the many biotech firms will continue working hard and quickly find a vaccine for COVID ASAP! However, because of the continued uncertainty and high possibility that our load may continue to drop in the ensuing weeks and months, the open position for GHG-free resources may continue to drop. Additionally, the price for GHG-free resources is likely to continue to decrease as demand for GHG-free resources is reduced. Staff believes it is best to wait until the fall to determine what our open position for GHG-free resources is at that time, and then procure, if needed, for any remaining open position. The quantity needed and the price will likely be less than $500,000.

RECOMMENDATION

Based on the analysis provided above, Peninsula Clean Energy staff recommend that the Board direct staff to accept the hydro allocation but not the nuclear allocation.

Revised 5/21/2020

Row #					
1	**Column B**	**Column C**	**Column D**	**Column E**	**Column F**
2		**January Pre-COVID**	**Early May Load Estimate**	**Current Expected Load (row 7)**	**Based on Current Actual LAL (row 45)**
3	Total PCE Load for CY2020	3,602,344	3,369,215	3,243,809	3,235,737
4	ECO Plus Load	3,336,728	3,139,861	3,029,671	3,023,512
5	ECO100 Load	265,616	229,354	214,138	212,225
6					
7	50% of ECO Plus Load	1,668,364	1,569,931	1,514,836	1,511,756
8	ECO100 Load	265,616	229,354	214,138	212,225
9	TOTAL Renewables Needed	1,933,980	1,799,284	1,728,974	1,723,981
10	Total Renewables Procured to date	1,940,403	1,944,204	1,944,204	1,944,204
11	Excess Renewables to be applied to GHG-free	6,423	144,919	215,231	220,223
12					
13	45% of ECO Plus Load	1,501,528	1,412,938	1,363,352	1,360,580
14	TOTAL GHG-Free Needed	1,501,528	1,412,938	1,363,352	1,360,580
15	Total GHG-Free Procured to Date	658,497	834,827	834,827	834,827
16	Excess Renewables to be applied to GHG-free	6,423	144,919	215,231	220,223
17	GHG-free Open Position	**836,608**	**433,191**	**313,294**	**305,530**
18					
19	PG&E Hydro Allocation	300,000	143,561	143,561	143,561
20	PG&E Nuclear Allocation	700,000	378,111	378,111	378,111
21					
22	GHG-free Open Position after Hydro Allocation	**536,608**	**289,630**	**169,733**	**161,969**
23	Cost for GHG-free	$ 8.00	$ 5.00	$ 3.25	$ 3.15
24	Potential lost savings	$ 4,292,863	$ 1,448,151	$ 551,634	$ 510,204
25					
26	GHG-free Open Position after Hydro and Nuclear Allocation	(163,392)	(88,481)	(208,378)	(216,142)
27					
28					
29					
30	Percentages:				
31	Renewables as procured at this date	53.87%	57.70%	59.94%	60.09%
32	GHG-free as procured at this date	18.28%	24.78%	25.74%	25.80%
33	GHg-free with PG&E hydro allocation	26.61%	29.04%	30.16%	30.24%
34	Ghg-free with PG&E hydro and nuclear allocation	46.04%	40.26%	41.82%	41.92%
35	Current GHG-free open position after hydro allocation	14.90%	8.60%	5.23%	5.01%

PG&E Allocation of GHG Free

Executive Committee

May 11, 2020

PENINSULA CLEAN ENERGY

Agenda

- Background
- Schedule
- COVID-19 Impacts on Load Forecast
- GHG-Free Targets and Status
- Cost Impact
- Market Research
- Other CCAs Response
- Recommendation

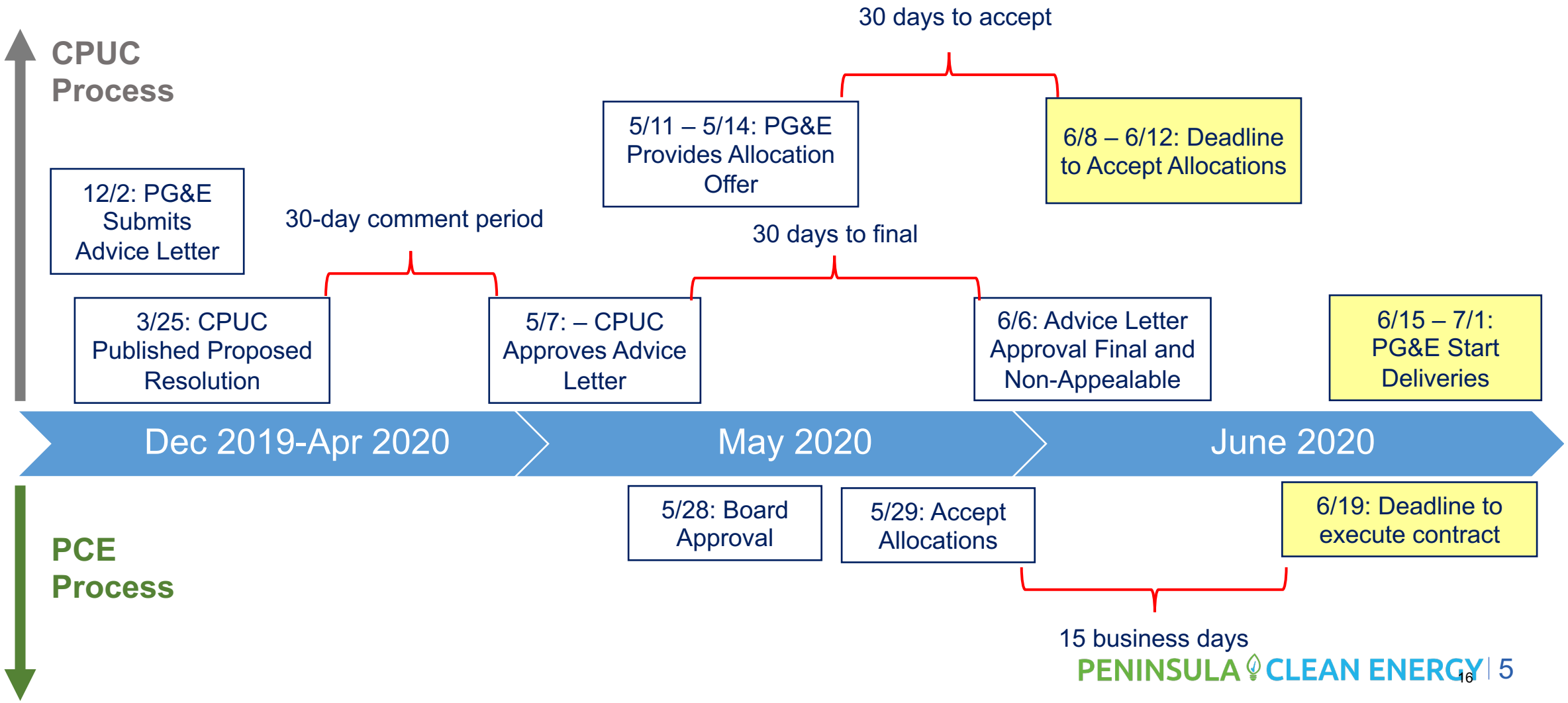
Background

- PG&E owns or contracts for GHG free energy including large hydro and nuclear resources
- In 2018, 13% of PG&E's supply was from large hydro and 34% from nuclear
- PG&E is counting these resources to meet or exceed their IRP GHG-free targets
- CCA customers pay for these resources through the PCIA
- CCAs are not currently able to claim and count the benefit of these resources for their customers on Power Content Labels or in connection with other GHG reporting
- Over the longer term, this will be addressed through the PCIA proceeding – expected in 2021

Interim Approach

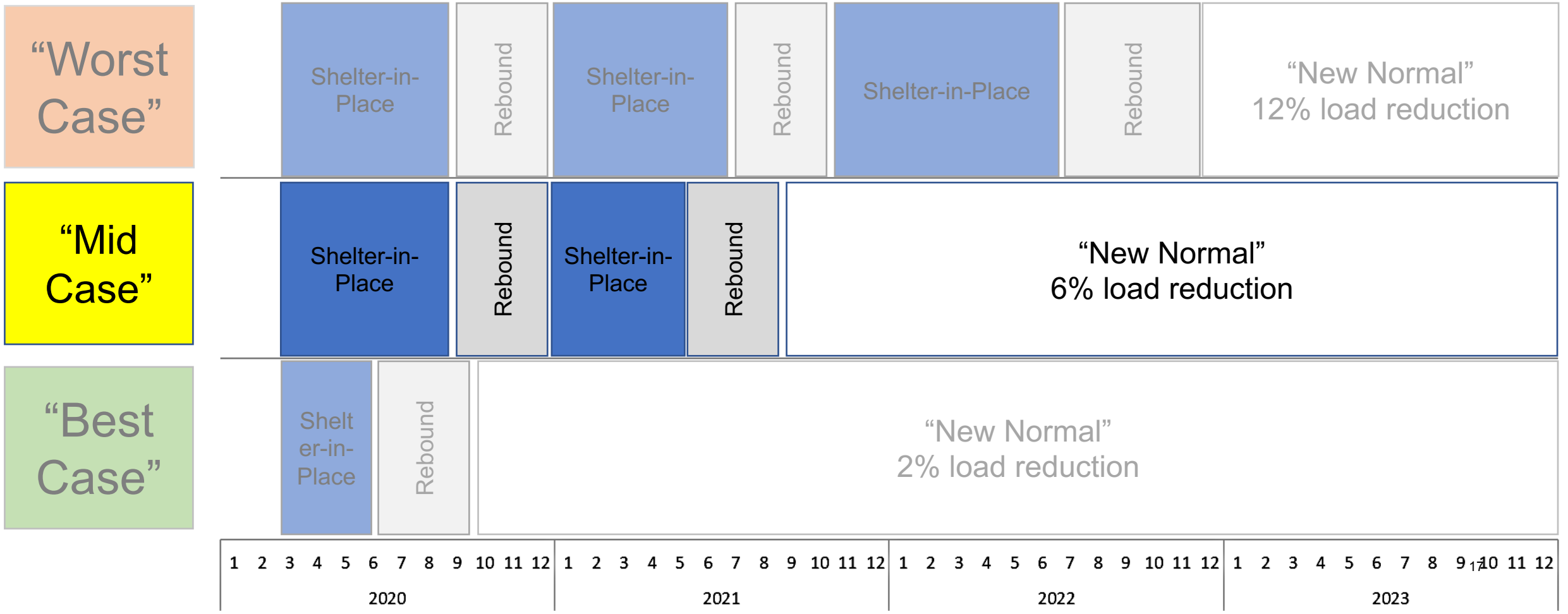
- CCAs have worked an interim approach with PG&E
- PG&E will allocate large hydro and nuclear to all load serving entities (LSEs) in PG&E's territory based on a load ratio share
- Each LSE has the option to accept each resource allocation separately
  - i.e. can accept allocation of large hydro but not nuclear, or can accept nuclear but not large hydro, or can accept both
- Volume of resource allocation is established based on actual generation
  - Rejecting a resource allocation does not impact the volumes you receive for the resource you accept
- CCA has 30 days to accept allocation

Schedule

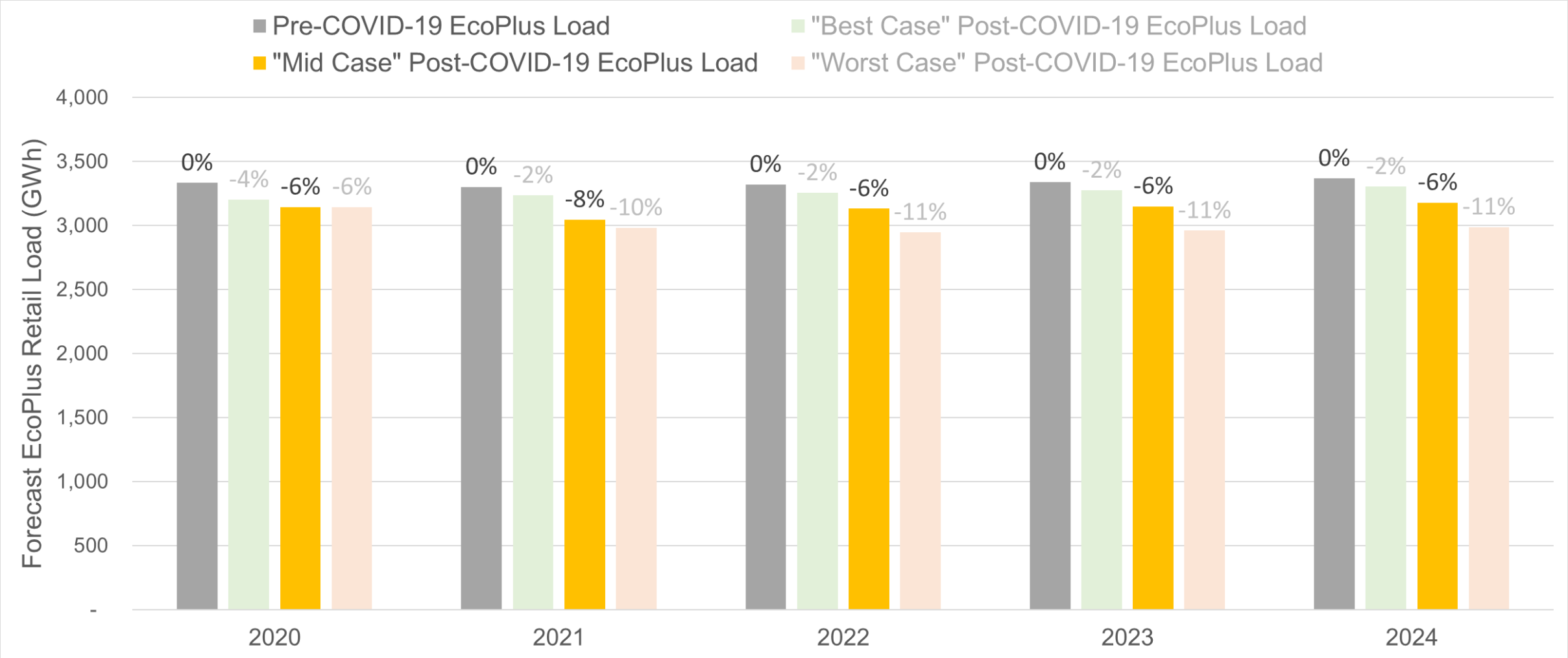

CPUC Process
12/2: PG&E Submits Advice Letter
30-day comment period
3/25: CPUC Published Proposed Resolution
5/7: – CPUC Approves Advice Letter
30 days to final
5/11 – 5/14: PG&E Provides Allocation Offer
30 days to accept
6/8 – 6/12: Deadline to Accept Allocations
6/6: Advice Letter Approval Final and Non-Appealable
6/15 – 7/1: PG&E Start Deliveries
Dec 2019-Apr 2020
May 2020
June 2020
PCE Process
5/28: Board Approval
5/29: Accept Allocations
6/19: Deadline to execute contract
15 business days

Load Scenarios with COVID-19

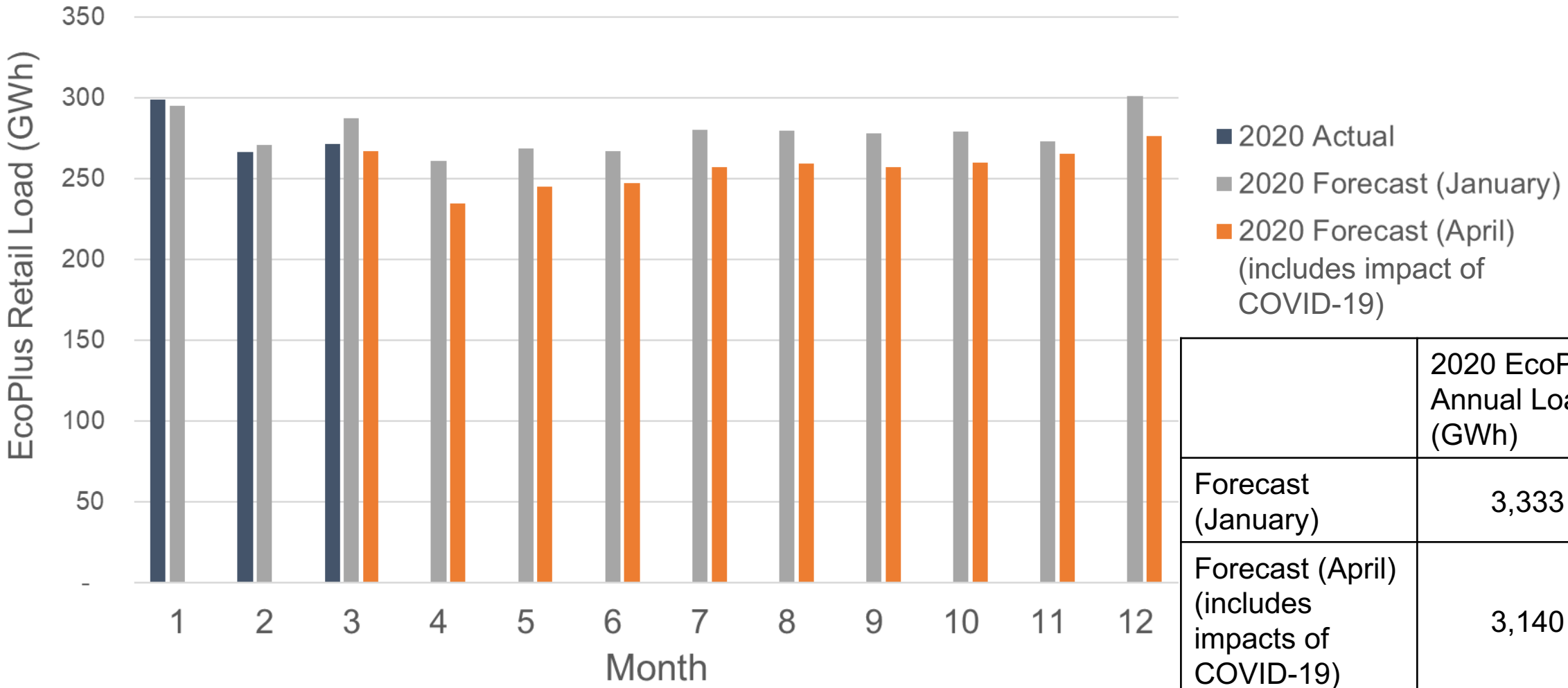
- Range of scenarios with economic and epidemiological assumptions
- "Mid Case" Scenario used for FY 2020-21 Budget



EcoPlus Load Forecast with COVID-19



2020 EcoPlus Load Forecast Updated



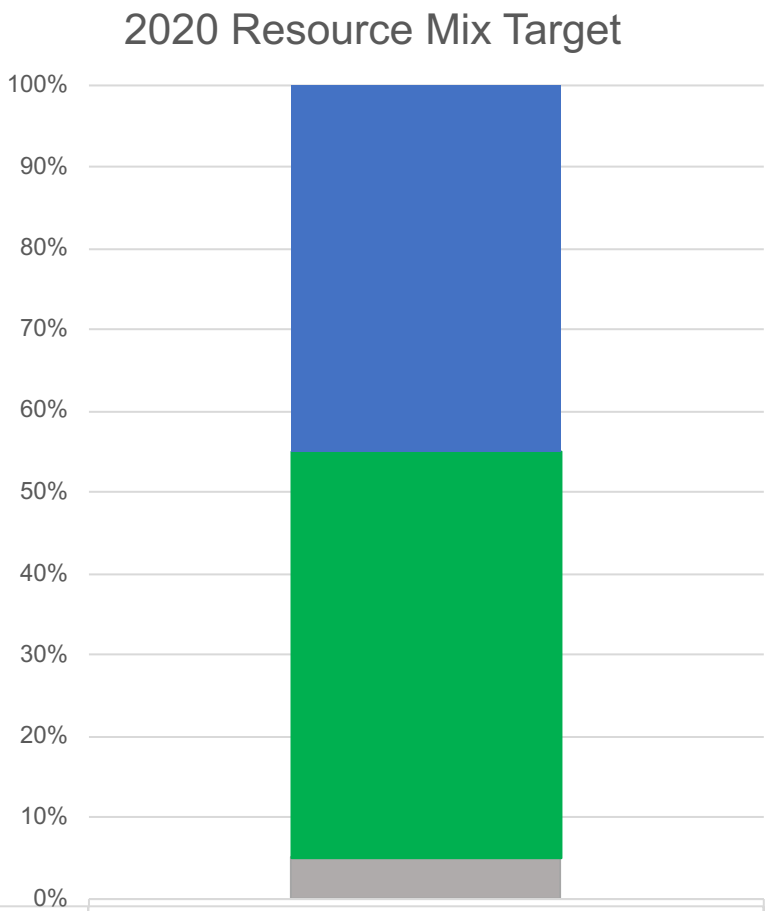
	2020 EcoPlus Annual Load (GWh)
Forecast (January)	3,333
Forecast (April) (includes impacts of COVID-19)	3,140

Expected Allocation Volumes

- Delay in CPUC Advice Letter Approval has resulted in decreased volumes allocated
- Current assumptions:
  - PCE receives allocations beginning July 1 (delayed from January)
  - Large hydroelectric volume based on historic snowpack-generation relationship
  - Nuclear volume based on 2019 generation

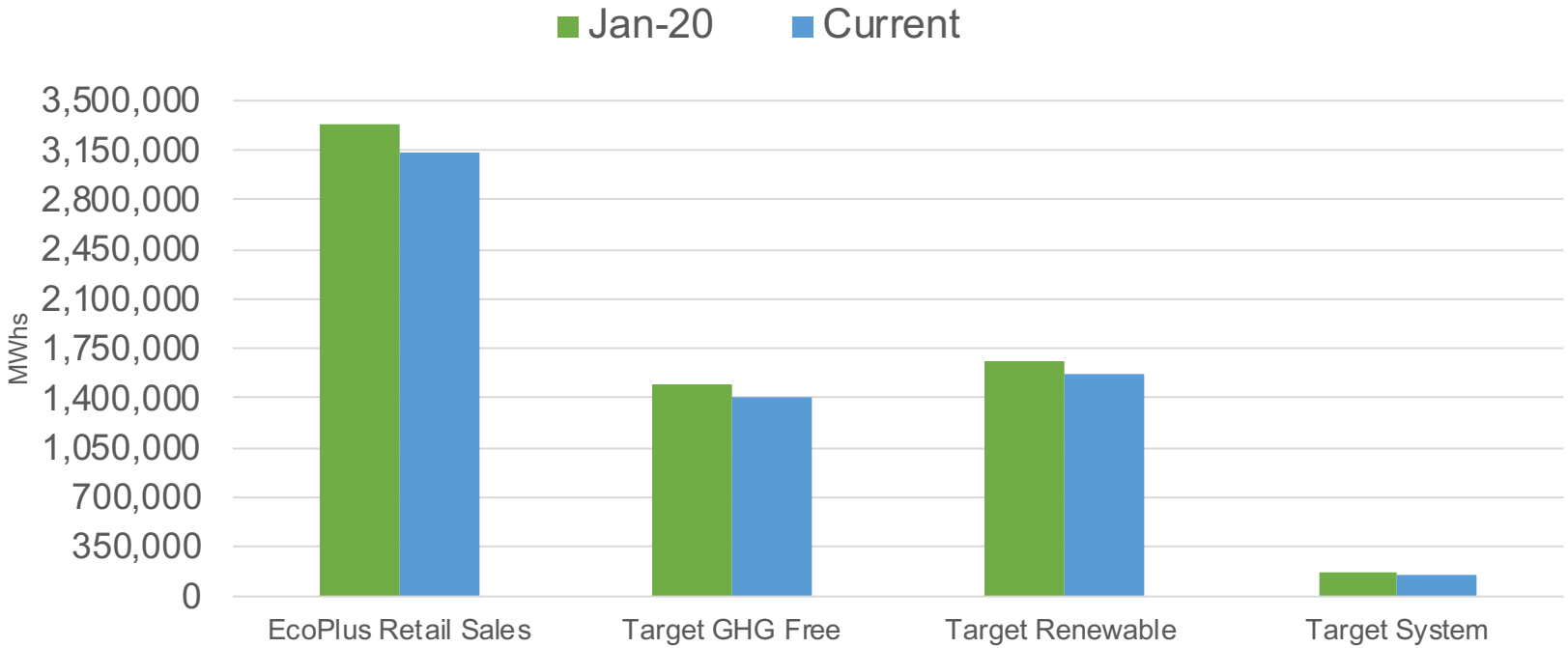
Expected 2020 PG&E Allocation	Jan 2020 Estimate	Current Estimate
Large Hydroelectric	300 GWh	144 GWh
Nuclear	700 GWh	378 GWh

2020 Target is 95% GHG-Free



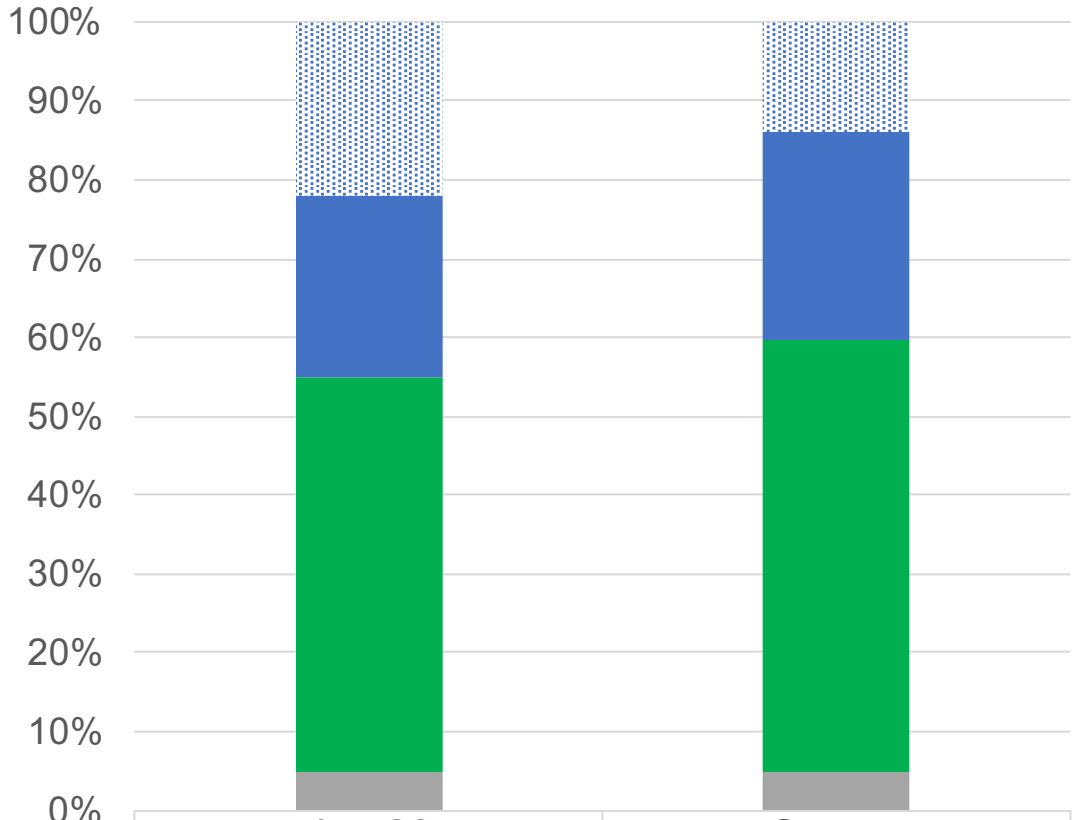
GHG Free	45%
Renewable	50%
System Power	5%

Reduced GHG-Free and Renewable Targets



GWh	Jan 2020	Current	Difference
EcoPlus Retail Sales	3,333	3,140	(193)
Target GHG Free	1,500	1,413	(87)
Target Renewable	1,666	1,570	(96)
Target System	167	157	(10)

Reduced Open Position for GHG-Free



	Jan-20	Current
GHG Free Open	22%	14%
GHG Free Procured	23%	27%
Renewable Procured	50%	55%
System Power Procured	5%	5%

- Since January, PCE has procured 176 GWh of GHG-Free
- Renewables currently exceed 50% target by 5% after revising the load forecast
- In total, GHG-Free open has decreased 8% since January

Cost Impact

	Jan 2020	Current
Ecoplus Load (GWh)	3,333	3,140
RE Procured	1,673	1,715
GHG-Free Procured	758	834
GHG-Free Open	735	434
PG&E Hydro Allocation	300	144
New Open After Hydro	435	290
Assumed Price	$8 / MWh	$3.25 / MWh
Cost to Procure	$3,480,000	$940,000
PG&E Nuclear Allocation	700	378
Ne Open After Nuclear	(265)	(88)

- Due to decreases in load and more renewable energy generation than expected, our current GHG-Free open position is smaller than January
- Costs for GHG-Free resources have also decreased significantly
- Additional savings of not accepting nuclear allocation is less than $1 million

Market Research Survey Results

- Objective: Gauge customer reactions to the addition of nuclear power to the mix of energy sources in PCE's ECOplus plan
- Fielded: February 11-19, 2020
- Random sample of 17,500 PCE residential customers
- Self-administered web-based survey in English only
- Completes: 350

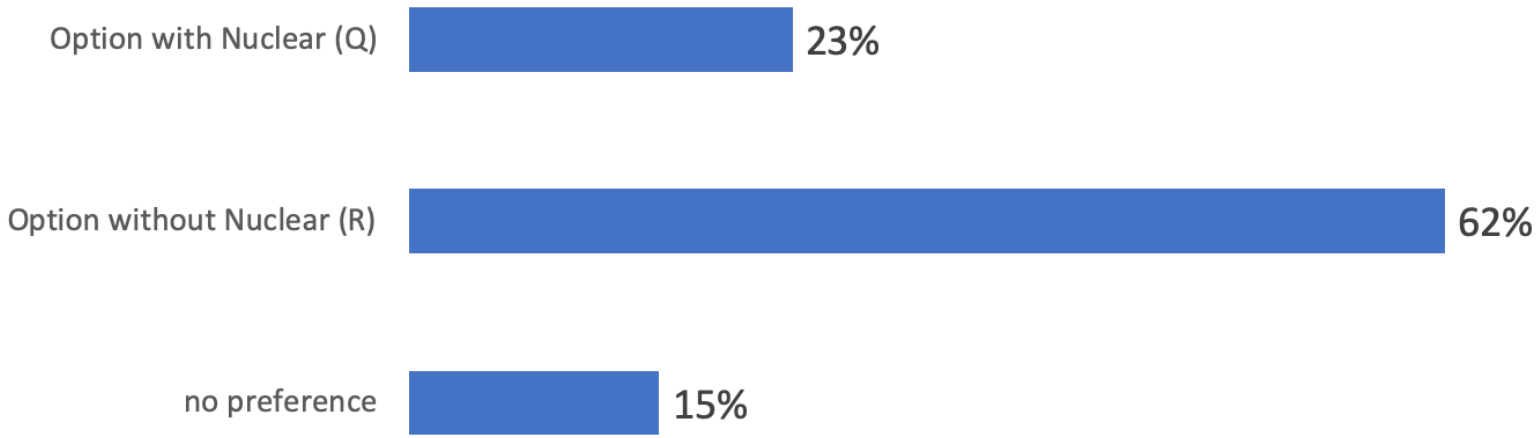
Market Research Survey Results

"If you had a choice between Options Q and R – with no difference in cost — which would you prefer, or do you not have a preference?"

	Option Q	Option R
Eligible Renewable	**50%**	**50%**
Biomass & Biowaste	12%	12%
Geothermal	2%	2%
Eligible Hydroelectric	4%	4%
Solar	20%	20%
Wind	12%	12%
Coal	**0%**	**0%**
Large Hydroelectric	**27%**	**45%**
Natural Gas	**0%**	**0%**
Nuclear	**18%**	**0%**
Other	**0%**	**0%**
Unspecified Sources of Power	**5%**	**5%**
TOTAL	**100%**	**100%**

Market Research Survey Results

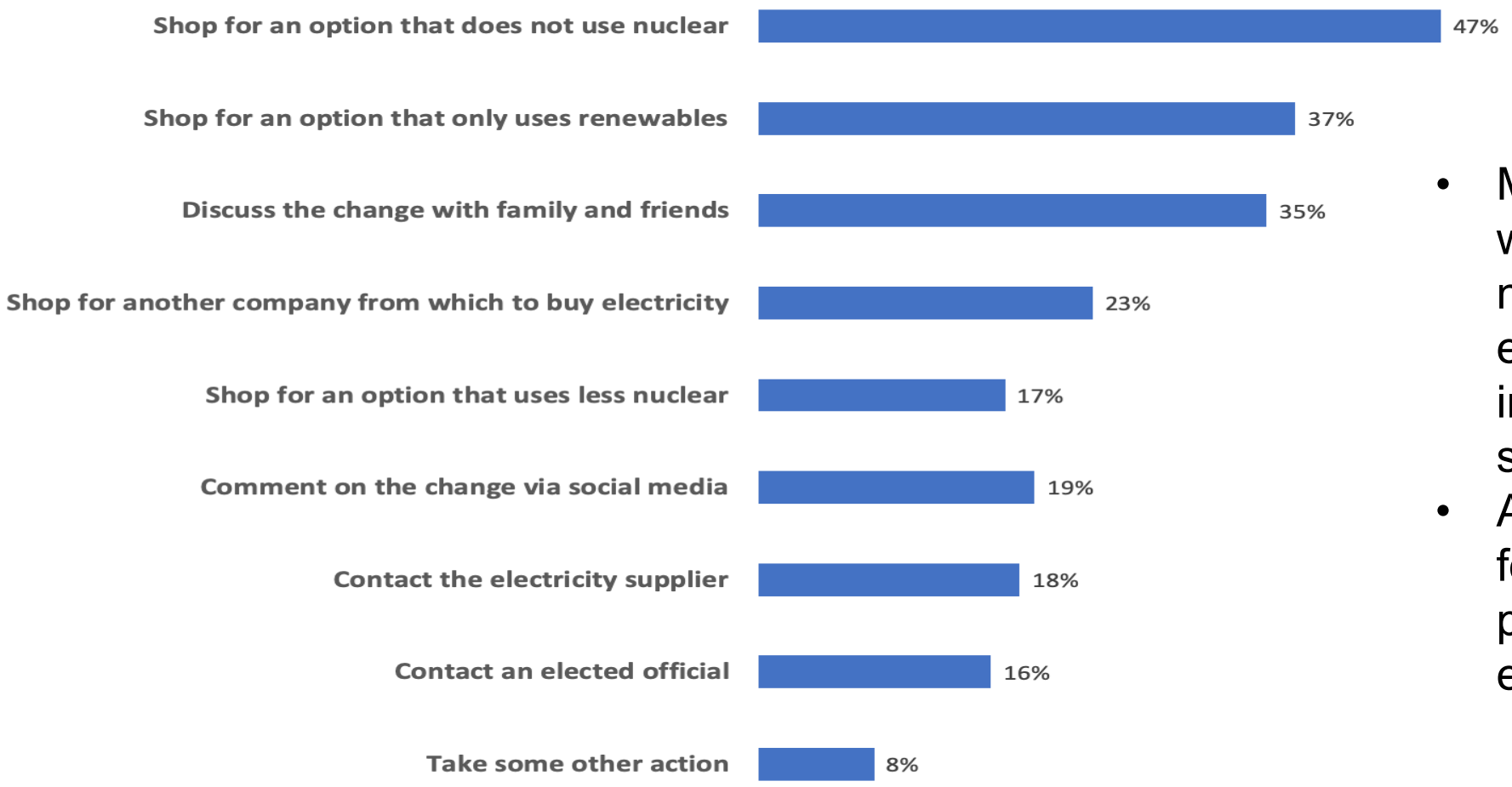
Most respondents preferred the option without nuclear but about 1 in 5 preferred the option that included nuclear.



Market Research Survey Results

Reason for Preferences	
Those Who Preferred Option with Nuclear	Those Who Preferred Nuclear-Free Option
About half of them see it as cleaner, cheaper, more reliable	Risk: Waste disposal – 30%
16% perceived large hydro as damaging to the ecosystem*	Risk: Danger of meltdown – 23%

Market Research Survey Results



- Most (76%) of those who preferred the nuclear-free option expressed an inclination to take some action
- About 2 in 5 would form a negative perception of the energy supplier

Other CCAs Approach

- CCA's who plan to accept PG&E Nuclear Allocation
  - Silicon Valley Clean Energy (SVCE)
  - San Jose Clean Energy (SJCE)
  - Monterey Bay Community Power (MBCP) – disappointed residents in SLO asking them to reconsider the decision

- CCA's who plan to reject PG&E Nuclear Allocation
  - East Bay Community Energy (EBCE)
  - Sonoma Clean Power (SCP)
  - Clean Power San Francisco (CPSF)
  - Marin Clean Energy (MCE)

Recommendation

- Changes from January
  - Delay in allocation of PG&E GHG-free energy results in smaller allocation amounts
  - Decreased load results in reduced open-position for GHG-free energy
  - Price of GHG-free has dropped significantly since January, and will likely drop further
- Continued uncertainty on impact of COVID-19 on load – load may be lower than forecasting resulting in even lower open position for GHG-free
- Market research results provide more insight into customer responses to changed power content label
- Staff recommendation:
  - Accept PG&E hydro allocation
  - Do not accept PG&E nuclear allocation
  - Wait until Q3 to fill open GHG-free position due to load uncertainty, and likelihood of even lower cost for GHG-free resources