



# Peninsula Clean Energy Board of Directors Meeting

June 24, 2021

# Agenda

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- Call to order / Roll Call
- Public Comment
- Action to set the agenda and approve consent items

# Regular Agenda

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## 1. Chair Report (Discussion)

# Regular Agenda

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## 2. CEO Report (Discussion)

# Today's Updates

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- Thank you's!
- Staffing Updates
- Open Positions
- Ring Central → Zoom
- Regulatory Update
- Legislative Update
- Upcoming Meetings

# Thank you!

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- Thank you to Shayna Barnes, Leslie Brown, Andy Stern, and Kim Le for stepping in to cover all of the board clerk duties in this interim period:
  - Gathering and posting agenda materials
  - Taking minutes
  - Taking roll call votes
  - Running slides
  - Managing break-outs for closed session

# Staffing Updates

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- Jennika Uribe started June 1 as Community Outreach Specialist in Los Banos
- Sally Chen started June 14 as Energy Contracts Manager
- Nelly Wogberg starting July 12 as Board Clerk/Executive Assistant to CEO/Office Manager



# Open positions:

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- Community Outreach Specialist (San Mateo County) – interviewing finalists
- Buildings Program Manager



# We are moving to ZOOM

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We are moving from Ring Central to **ZOOM**

Tonight's meeting will be the last on Ring Central

Please closely look at the next meeting announcements to click on the ZOOM link

# Regulatory Update

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- Peninsula Clean Energy, along with CalCCA and 4 other CCAs, has submitted an Application for Rehearing of D.21-05-030, which is the CPUC decision voted out by the CPUC on May 20, 2021 and issued on May 24, 2021, adopting the Phase 2 Decision and rejecting key elements of the Working Group 3 proposal regarding the PCIA.

# Legislative Activity

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- SB 612 (Portantino) – CalCCA bill on PCIA Working Group 3
  - Hearing in Assembly Committee on Utilities and Energy on June 30
- SB 68 (Becker) – Removing Barriers to Electrification
  - Hearing in Assembly Committee on Utilities and Energy on June 30
  - PCE to provide testimony
- AB 843 (Aguiar-Curry) – BioMat
  - Next step: hearing in Senate Energy and Utilities Committee – date not set
- AB 1139 (Gonzalez) – Net Metering
  - Failed on Assembly floor vote

# Upcoming Meetings

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- Executive Committee:
  - July meeting cancelled
- Citizens Advisory Committee:
  - July 8 at 6:30 p.m. (ZOOM video/teleconference)
- Board of Directors:
  - July 22 at 6:30 p.m. (ZOOM video/teleconference)
- **Board Retreat – PLEASE HOLD THE DATE**
  - **Saturday, September 25 – in-person!!!! (and remote)**



# Regular Agenda

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## 3. Citizens Advisory Committee Report (Discussion)

# Regular Agenda

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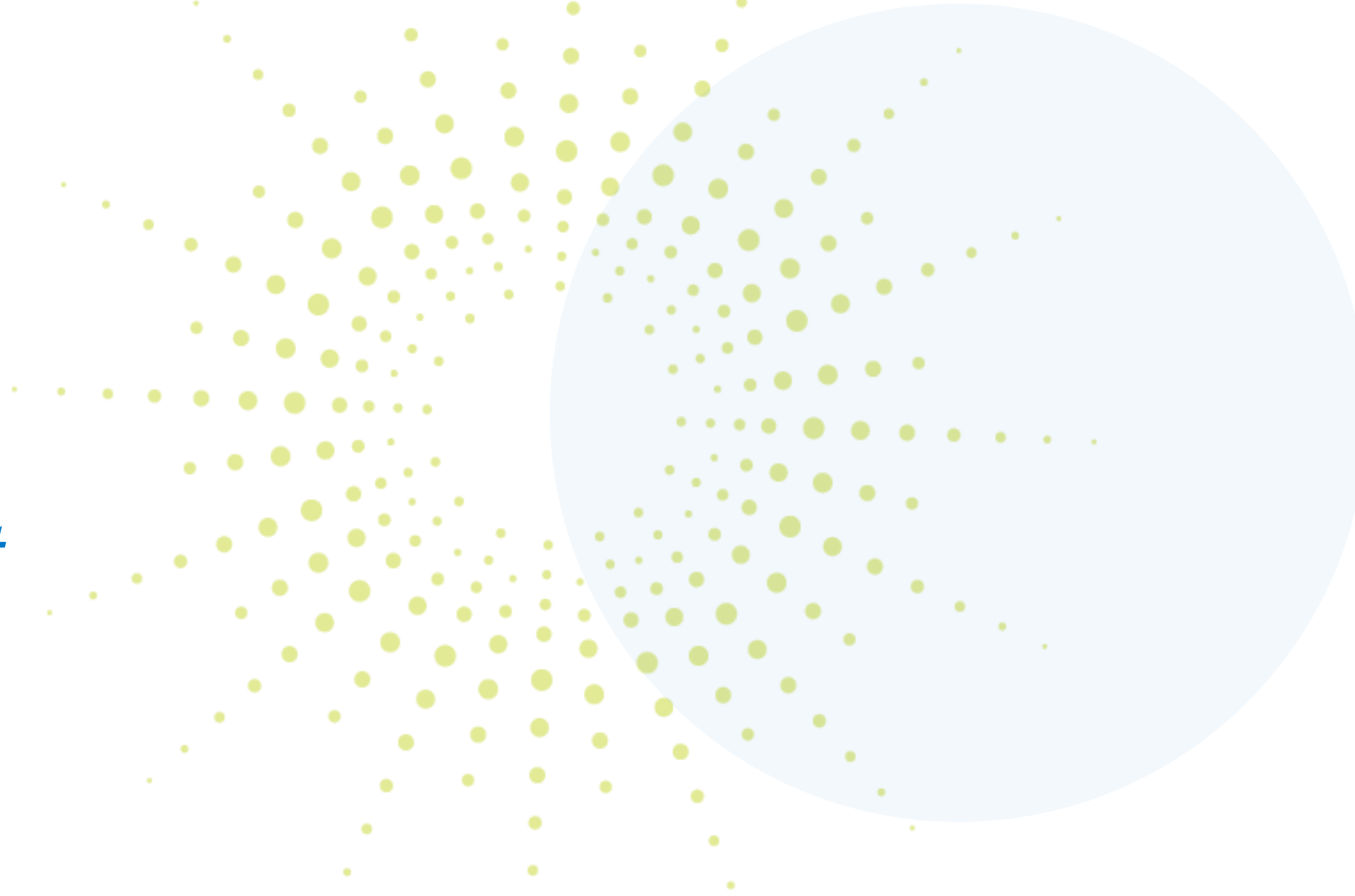
## 4. Approve Fiscal Year 2021-2022 Budget (Action)

**FY2021-2022**

(July 1, 2021 – June 30, 2022)

**Budget Review**

*Proposed Budget*



# Schedule – Budget Review and Approval

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- May 10, 2021 – Review Initial Draft with Audit & Finance Committee – Done
- May 10, 2021 – Review Initial Draft with Executive Committee – Done
- May 27, 2021 – Review Current Draft with Board of Directors – Done
- June 14, 2021 – Review Revised/Proposed Draft with Audit & Finance Committee – Done  
**Resolution Passed to Recommend Approval by the Board of Directors**
- June 24, 2021 – Approve Final by Board of Directors



# Proposed Budget FY2021-2022 – Key Assumptions

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## Changes from Initial Draft Budget - Very minimal changes

- Update to more current YTD actuals for current fiscal year FY2021
- Minor updates to energy price forecasts

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## PG&E Generation Rates

- October 1, 2021 – increase 4%
- January 1, 2022 – increase 1%

## PCIA

- January 1, 2022 – decrease 2%


## Load

- Increase of 4.3% over FY21 forecast – includes Los Banos for 3 months

## Energy Prices


- Increase of 11% over FY21 forecast – based on 3<sup>rd</sup> party forecast

# Proposed Budget FY2021-2022 – Summary



	FY 2020-2021		FY 2021-2022	Variance FY2022 Proposed Budget vs. FY2021 Forecast	
	Approved Budget	Forecasted Full Year FY2020-2021	Proposed Budget	\$ Change	% Change
<b>OPERATING REVENUES</b>					
Electricity Sales, net	213,552,721	229,673,129	219,619,107	(10,054,021)	-4.4%
ECO100 Premium	2,150,775	2,642,168	2,621,034	(21,134)	-0.8%
<b>Total Operating Revenues</b>	<b>215,703,496</b>	<b>232,315,297</b>	<b>222,240,141</b>	<b>(10,075,156)</b>	<b>-4.3%</b>
<b>OPERATING EXPENSES</b>					
Cost of electricity	197,445,054	214,607,181	216,705,953	2,098,772	1.0%
Personnel	6,236,981	5,589,646	6,464,275	874,629	15.6%
Data Manager	3,420,000	3,388,341	3,420,000	31,659	0.9%
Service Fees - PG&E	1,260,000	1,254,695	1,260,000	5,305	0.4%
Professional Services	3,068,340	2,051,392	1,351,204	(700,188)	-34.1%
Legal	1,708,230	1,467,257	1,615,500	148,243	10.1%
Marketing and Noticing	2,873,350	1,392,384	2,068,197	675,813	48.5%
General and Administrative	1,947,282	1,800,879	2,259,391	458,511	25.5%
Community Energy Programs	7,550,000	5,655,000	6,555,671	900,670	15.9%
Depreciation	133,216	91,615	111,675	20,060	21.9%
<b>Total Operating Expenses</b>	<b>225,642,453</b>	<b>237,298,391</b>	<b>241,811,865</b>	<b>4,513,474</b>	<b>1.9%</b>
<b>Operating Income/(Loss)</b>	<b>(9,938,957)</b>	<b>(4,983,094)</b>	<b>(19,571,724)</b>	<b>(5,561,681)</b>	<b>-111.6%</b>
<b>Total Non-operating Income/(Expense)</b>	<b>1,408,000</b>	<b>182,582</b>	<b>900,000</b>	<b>717,418</b>	<b>392.9%</b>
<b>CHANGE IN NET POSITION</b>	<b>(8,530,957)</b>	<b>(4,800,512)</b>	<b>(18,671,724)</b>	<b>(4,844,263)</b>	<b>-100.9%</b>
Net Position at the end of period	186,927,291	184,271,220	165,599,496		
<b>Approx. Cash &amp; Cash Equivalents</b>	<b>186,646,421</b>	<b>187,504,568</b>	<b>168,332,845</b>		
<b>Days Cash on Hand</b>	<b>294</b>	<b>283</b>	<b>250</b>		

# Proposed Budget Detail – Revenues




	FY 2020-2021		FY 2021-2022	Variance FY2022 Proposed Budget vs. FY2021 Forecast	
	Approved Budget	Forecasted Full Year FY2020-2021	Proposed Budget	\$ Change	% Change
<b>OPERATING REVENUES</b>					
Electricity Sales, net	213,552,721	229,673,129	219,619,107	(10,054,021)	-4.4%
Commercial - Demand	22,280,055	23,894,242	18,481,070	(5,413,172)	-22.7%
Streetlight and Agr- Demand	192,168	326,094	156,350	(169,744)	-52.1%
Commercial - Gen	104,896,767	99,223,698	102,460,681	3,236,983	3.3%
Residential - Gen	85,360,056	104,875,484	97,658,233	(7,217,251)	-6.9%
Street lighting and Agr - Gen	1,573,735	2,108,656	1,634,140	(474,516)	-22.5%
Bad Debt expense	(750,060)	(755,044)	(771,367)	(16,322)	2.2%
ECO100 Premium	2,150,775	2,642,168	2,621,034	(21,134)	-0.8%
Commercial - Green Premium	1,191,221	2,158,142	2,126,916	(31,226)	-1.4%
Residential - Green Premium	930,078	190,066	317,843	127,777	67.2%
Streetlight and Agr - Green Pre	29,476	293,960	176,275	(117,685)	-40.0%
<b>Total Operating Revenues</b>	<b>215,703,496</b>	<b>232,315,297</b>	<b>222,240,141</b>	<b>(10,075,156)</b>	<b>-4.3%</b>

Total Revenues expected to be down by 4.3% from FY21 Forecast

- Load expected to be 4% higher than prior year forecast
- PG&E rates lower than last year
- PCIA higher

# Proposed Budget Detail – Cost of Energy




	FY 2020-2021		FY 2021-2022	Variance FY2022 Proposed Budget vs. FY2021 Forecast	
	Approved Budget	Forecasted Full Year FY2020-2021	Proposed Budget	\$ Change	% Change
<b>OPERATING EXPENSES</b>					
Cost of electricity	197,445,054	214,607,181	216,705,953	2,098,772	1.0%
CAISO Charges (Admin)	-	411,303	420,000	8,697	2.1%
CAISO Charges (Ancillary Svcs)	3,000,000	4,878,249	5,048,503	170,254	3.5%
CAISO - Hedge Credit	(102,969,185)	(115,994,581)	(78,986,324)	37,008,257	-31.9%
Resettlements	3,000,000	6,225,212	6,000,000	(225,212)	-3.6%
DA Energy (DLAP)	136,237,707	148,592,871	151,858,578	3,265,707	2.2%
Capacity - Resource Adequacy	31,474,662	40,034,237	31,800,552	(8,233,685)	-20.6%
CAISO - PPA Credit	(37,706,427)	(33,413,905)	(60,358,832)	(26,944,928)	80.6%
PPA Energy purchases	38,991,129	42,934,700	67,441,561	24,506,861	57.1%
Hedge Energy Purchases	106,222,381	109,741,186	80,041,373	(29,699,812)	-27.1%
50160 · RECs and Carbon Free exp	16,717,285	17,770,857	11,102,379	(6,668,478)	-37.5%
50190 · Resale of Resource Adequacy	-	(8,639,447)	-	8,639,447	-100.0%
Forecasting and scheduling	1,477,502	943,119	379,741	(563,378)	-59.7%
NEM Expense	1,000,000	1,123,381	1,958,421	835,041	74.3%

Load expected to be 4% higher than prior year forecast

Cost of Energy expected to be 1% higher than current year forecast

- RECs/GHG- Free – Expected to be \$6.6 million lower
- RA – Expected to be \$7.4 million lower
- Ancillary Services/Resettlements – Budgeted higher after surprises in Summer 2021


# Proposed Budget Detail – Staff Compensation



	FY 2020-2021		FY 2021-2022	Variance FY2022 Proposed Budget vs. FY2021 Forecast	
	Approved Budget	Forecasted Full Year FY2020-2021	Proposed Budget	\$ Change	% Change
<b>OPERATING EXPENSES</b>					
Personnel	6,236,981	5,589,646	6,464,275	874,629	15.6%
Employee Health Benefits	442,592	432,883	456,981	24,098	5.6%
Payroll tax expense	306,797	275,516	316,771	41,255	15.0%
Retirement plan contributions	455,633	391,937	472,560	80,623	20.6%
Salaries and wages	5,006,958	4,472,298	5,192,964	720,666	16.1%
Workers comp insurance	25,000	17,013	25,000	7,987	46.9%

Planning for 5 additional headcount in FY22  
Official job descriptions and approvals and timing still TBD

# Proposed Budget Detail – Data Manager/Service Fees




	FY 2020-2021		FY 2021-2022	Variance FY2022 Proposed Budget vs. FY2021 Forecast	
	Approved Budget	Forecasted Full Year FY2020-2021	Proposed Budget	\$ Change	% Change
<b>OPERATING EXPENSES</b>					
Data Manager	3,420,000	3,388,341	3,420,000	31,659	0.9%
Service Fees - PG&E	1,260,000	1,254,695	1,260,000	5,305	0.4%

Both areas are based on customer counts

- Data Manager – Calpine: Customer Service and Billing
- Service Fees – PG&E: CCA partnership fees

# Proposed Budget Detail – Professional Services




	FY 2020-2021		FY 2021-2022	Variance FY2022 Proposed Budget vs. FY2021 Forecast	
	Approved Budget	Forecasted Full Year FY2020-2021	Proposed Budget	\$ Change	% Change
<b>OPERATING EXPENSES</b>					
Professional Services	3,068,340	2,051,392	1,351,204	(700,188)	-34.1%
Accounting & Auditing	191,000	189,100	195,000	5,900	3.1%
Human Resources Consulting	72,000	65,875	36,000	(29,875)	-45.4%
IT Consulting	60,000	95,131	84,564	(10,567)	-11.1%
Other Consultants	527,000	129,506	340,000	210,494	162.5%
Power Resources Consulting	2,218,340	1,026,588	695,640	(330,948)	-32.2%
Power Resources Other	-	545,191	-	(545,191)	-100.0%

Additional spending to note:

- Assumed up to \$150K for DEAI project
- Assumed \$100K for Innovation projects

Significant reductions related to moving DER Programs from Power Resources to Community Energy Programs as part of recent reorganization

# Proposed Budget Detail – Legal




	FY 2020-2021		FY 2021-2022	Variance FY2022 Proposed Budget vs. FY2021 Forecast	
	Approved Budget	Forecasted Full Year FY2020-2021	Proposed Budget	\$ Change	% Change
<b>OPERATING EXPENSES</b>					
Legal	1,708,230	1,467,257	1,615,500	148,243	10.1%
Legal Legislative	126,750	101,259	96,000	(5,259)	-5.2%
Legal Power Resources	720,000	661,113	787,500	126,387	19.1%
Legal Agency	240,000	192,029	240,000	47,971	25.0%
Legal Regulatory	621,480	512,856	492,000	(20,856)	-4.1%

Additional legal fees expected related to PPA efforts  
Also, increases due to conservatism



# Proposed Budget Detail – Marketing & Noticing




	FY 2020-2021		FY 2021-2022	Variance FY2022 Proposed Budget vs. FY2021 Forecast	
	Approved Budget	Forecasted Full Year FY2020-2021	Proposed Budget	\$ Change	% Change
<b>OPERATING EXPENSES</b>					
Marketing and Noticing	2,873,350	1,392,384	2,068,197	675,813	48.5%
Advertising/Paid Media	503,850	200,671	170,234	(30,437)	-15.2%
Communications consultants	375,300	310,359	498,000	187,641	60.5%
Sponsorships and memberships	129,000	61,995	99,700	37,705	60.8%
Marketing Automation/Software	77,500	58,106	216,967	158,861	273.4%
Grants & Partner Contracts	1,297,500	18,520	45,000	26,480	143.0%
Promotions & Branding	83,200	3,296	30,960	27,664	839.4%
Communications - misc expenses	12,000	475,453	728,339	252,886	53.2%
Direct Mail	87,000	39,012	87,598	48,586	124.5%
Collateral	72,000	19,706	42,999	23,293	118.2%
Required Printing and Mailing	236,000	205,267	148,400	(56,867)	-27.7%

Additional spending in the following areas:

- Expansion of School Program (comprises 25% of Marketing budget)
- Los Banos enrollment efforts
- Building Electrification Awareness program (implementation partner is included in Communications Consultants line item)
- Proposed expansion of building electrification marketing
- Investment in upgrade to e-mail marketing infrastructure

# Draft Budget Detail – General & Administration




	FY 2020-2021		FY 2021-2022	Variance FY2022 Proposed Budget vs. FY2021 Forecast	
	Approved Budget	Forecasted Full Year FY2020-2021	Proposed Budget	\$ Change	% Change
<b>OPERATING EXPENSES</b>					
General and Administrative	1,947,282	1,800,879	2,259,391	458,511	25.5%
Bank service fee	129,312	193,178	192,000	(1,178)	-0.6%
Building maintenance	15,000	3,333	7,500	4,167	125.0%
Business meals	30,000	7,625	18,000	10,375	136.1%
Conferences & Prof development	24,000	16,803	24,000	7,197	42.8%
Equipment lease	6,000	2,530	6,000	3,470	137.1%
Industry memberships and dues	480,000	465,641	690,000	224,359	48.2%
Insurance	120,000	105,505	162,000	56,495	53.5%
Miscellaneous G&A	-	4,213	-	(4,213)	-100.0%
Office supplies and postage	24,000	7,377	18,000	10,623	144.0%
Payroll service fees	21,000	25,398	30,000	4,602	18.1%
Rent	531,570	518,487	540,000	21,513	4.1%
Small equipment & software	390,000	273,893	361,876	87,982	32.1%
Subscriptions	72,000	66,731	120,000	53,269	79.8%
Utilities	60,000	51,082	66,000	14,918	29.2%
Donations (from operations)	-	50,000	-	(50,000)	-100.0%
Travel - Mileage/fuel	3,600	612	3,000	2,388	390.5%
Travel - Parking and Tolls	7,200	1,647	3,000	1,353	82.1%
Travel - Airfare	9,600	1,848	6,000	4,152	224.7%
Travel - Lodging	24,000	4,974	12,015	7,041	141.6%

Additional spending in the following areas:

- Industry Memberships – related to CC Power participation
- Insurance – related to higher costs (especially for Cyber) and additional D&O coverage
- Other areas higher for conservatism

# Proposed Budget Detail – Community Energy Programs



	FY 2020-2021		FY 2021-2022	Variance FY2022 Proposed Budget vs. FY2021 Forecast	
	Approved Budget	Forecasted Full Year FY2020-2021	Proposed Budget	\$ Change	% Change
<b>OPERATING EXPENSES</b>					
Community Energy Programs	7,550,000	5,655,000	6,555,671	900,670	15.9%
Energy Programs - Consultants	2,403,000	1,226,731	1,720,362	493,632	40.2%
Energy Programs - G&A	-	5,000	151,975	146,975	2939.5%
Energy Programs - Marketing	250,000	8,336	75,000	66,664	799.7%
Energy Programs - Incentives	4,897,000	4,414,933	4,608,333	193,400	4.4%

## Significant assumptions:

- Prior approved budget and FY21 Forecast did not include DER Programs
- DER Programs now included in this budget – approx. \$800K

# Proposed Budget FY2021-2026 – Key Assumptions

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## PG&E Generation Rates

- January 1, 2023 – decrease 6.5%
- January 1, 2024 – decrease 1%
- January 1, 2025 – increase 1%
- January 1, 2026 – increase 1%

## PCIA – expected to improve

- January 1, 2023 – decrease 4.5%
- January 1, 2024 – decrease 16%
- January 1, 2025 – decrease 23%
- January 1, 2026 – unchanged

## Load

- FY21-22 (proposed budget) – increase of 4.3% (includes Los Banos for 3 months)
- FY22-23 – increase of 4.8%
- After – annual increases of approximately 1%

## Energy Prices – based on 3<sup>rd</sup> party forecast

- FY21-22 (proposed budget) – increase of 11%
- FY22-26 – increases of 4%, 9%, 4%, 6% (expect higher costs over the next few years)

# Proposed Budget FY2021-2026 – Budget Summary & 5-year Plan

	FY 2020-2021		FY 2021-2022	FY 2022-2023	FY 2023-2024	FY 2024-2025	FY 2025-2026
	Approved Budget	Forecasted Full Year FY2020-2021	Proposed Budget	Plan	Plan	Plan	Plan
<b>OPERATING REVENUES</b>							
Electricity Sales, net	213,552,721	229,673,129	219,619,107	230,167,440	234,022,321	265,168,500	288,434,591
ECO100 Premium	2,150,775	2,642,168	2,621,034	2,642,925	2,658,416	2,674,032	2,689,776
<b>Total Operating Revenues</b>	<b>215,703,496</b>	<b>232,315,297</b>	<b>222,240,141</b>	<b>232,810,365</b>	<b>236,680,737</b>	<b>267,842,532</b>	<b>291,124,367</b>
<b>OPERATING EXPENSES</b>							
Cost of electricity	197,445,054	214,607,181	216,705,953	225,074,043	216,506,001	224,721,892	229,105,239
Personnel	6,236,981	5,589,646	6,464,275	6,833,256	7,169,830	7,523,232	7,894,305
Data Manager	3,420,000	3,388,341	3,420,000	3,454,200	3,488,742	3,523,629	3,558,866
Service Fees - PG&E	1,260,000	1,254,695	1,260,000	1,272,600	1,285,326	1,298,179	1,311,161
Professional Services	3,068,340	2,051,392	1,351,204	1,243,754	1,276,867	1,311,576	1,347,967
Legal	1,708,230	1,467,257	1,615,500	1,629,210	1,684,005	1,742,647	1,805,416
Marketing and Noticing	2,873,350	1,392,384	2,068,197	2,078,291	2,137,613	2,149,231	2,204,195
General and Administrative	1,947,282	1,800,879	2,259,391	2,297,191	2,372,735	2,459,519	2,552,717
Community Energy Programs	7,550,000	5,655,000	6,555,671	7,611,534	11,021,230	12,926,067	15,931,049
Depreciation	133,216	91,615	111,675	147,675	183,675	219,675	255,675
<b>Total Operating Expenses</b>	<b>225,642,453</b>	<b>237,298,391</b>	<b>241,811,865</b>	<b>251,641,755</b>	<b>247,126,023</b>	<b>257,875,648</b>	<b>265,966,590</b>
<b>Operating Income/(Loss)</b>	<b>(9,938,957)</b>	<b>(4,983,094)</b>	<b>(19,571,724)</b>	<b>(18,831,389)</b>	<b>(10,445,286)</b>	<b>9,966,884</b>	<b>25,157,777</b>
<b>Total Non-operating Income/(Expense)</b>	<b>1,408,000</b>	<b>182,582</b>	<b>900,000</b>	<b>900,000</b>	<b>900,000</b>	<b>900,000</b>	<b>900,000</b>
<b>CHANGE IN NET POSITION</b>	<b>(8,530,957)</b>	<b>(4,800,512)</b>	<b>(18,671,724)</b>	<b>(17,931,389)</b>	<b>(9,545,286)</b>	<b>10,866,884</b>	<b>26,057,777</b>
Net Position at the end of period	186,927,291	184,271,220	165,599,496	147,668,107	138,122,821	148,989,705	175,047,482
<b>Approx. Cash &amp; Cash Equivalents</b>	<b>186,646,421</b>	<b>187,504,568</b>	<b>168,332,845</b>	<b>150,401,455</b>	<b>140,856,169</b>	<b>151,723,053</b>	<b>177,780,830</b>
<b>Days Cash on Hand</b>	<b>294</b>	<b>283</b>	<b>250</b>	<b>214</b>	<b>204</b>	<b>211</b>	<b>240</b>

# Proposed Resolution

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**APPROVE THE FISCAL YEAR 2021-2022 BUDGET WITH  
TOTAL OPERATING EXPENSES NOT TO EXCEED \$241,811,865**

# Regular Agenda

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## 5. Approve EV Managed Charging Pilot (Action)

# Managed Charging Pilot

Board of Directors  
June 24, 2021



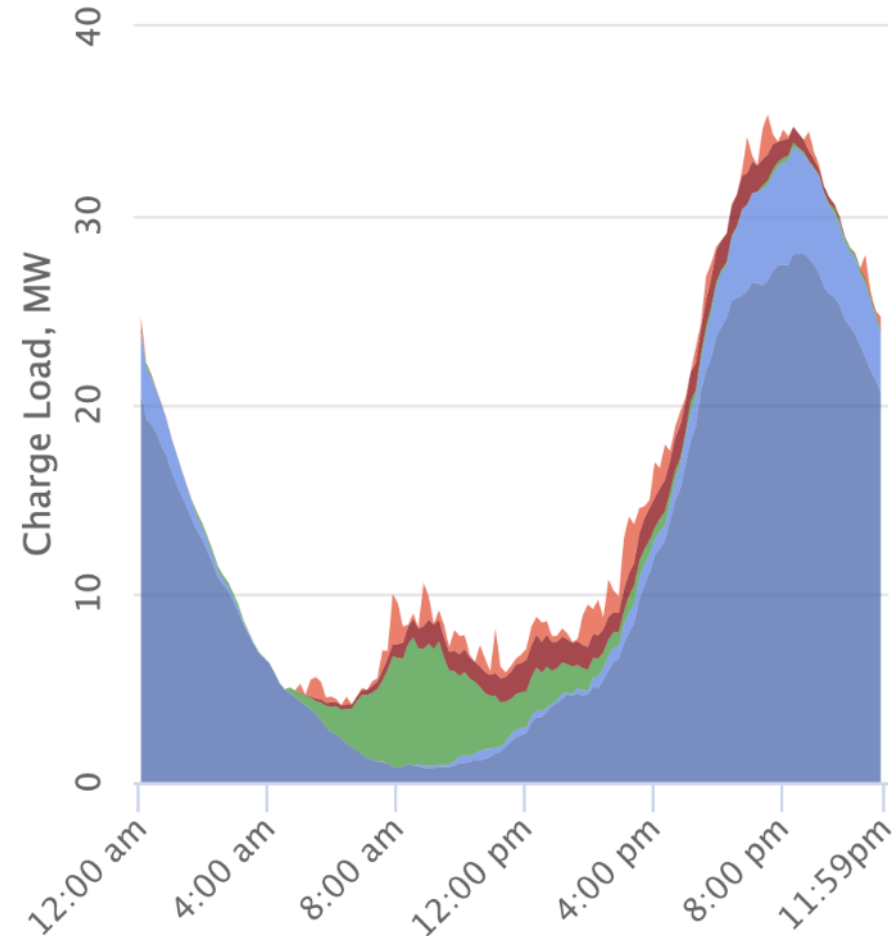


# Why Managed Charging?

## Objectives

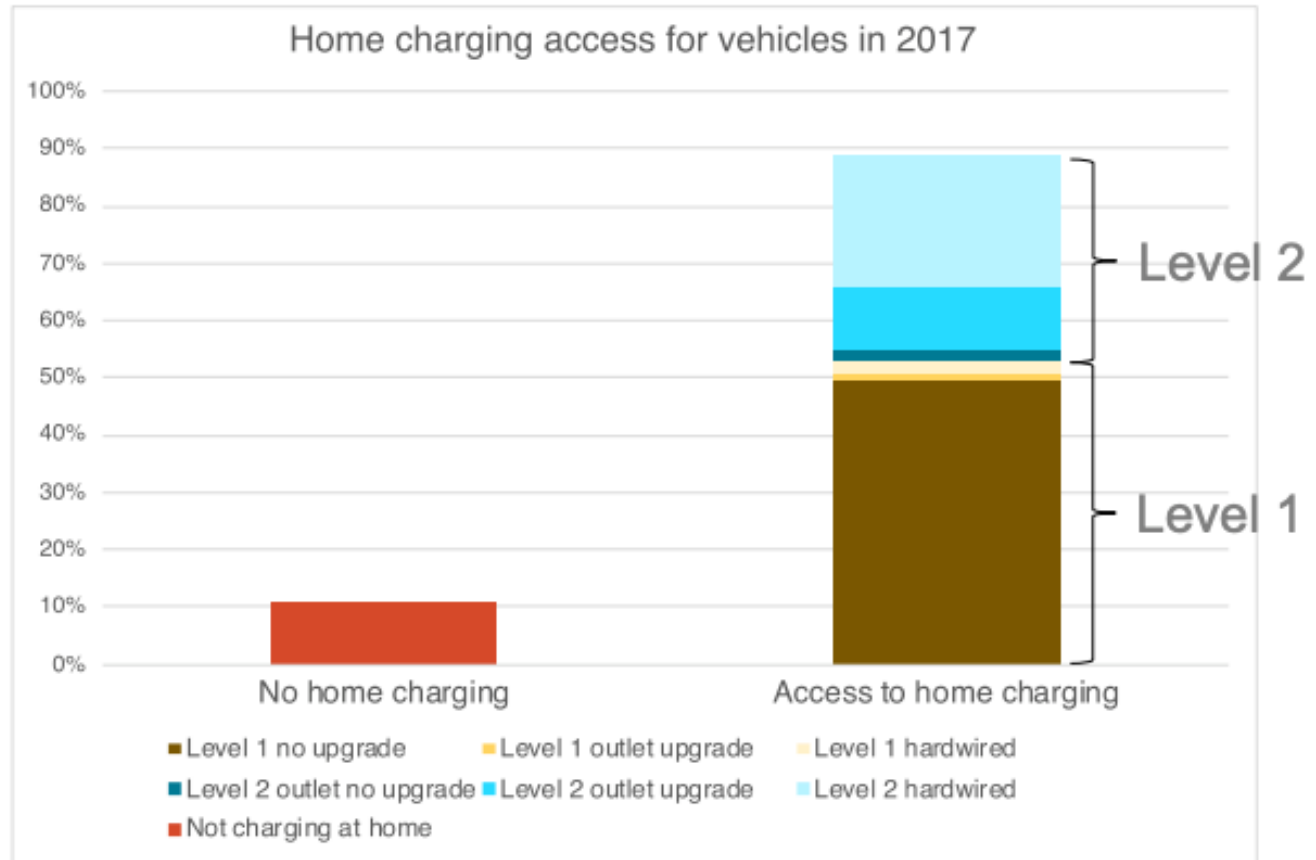
- Reduce every day charging during evening ramp up hours
- Support PCE goal of 100% RE on a 24/7 hourly basis by better aligning charging demand and RE supply
- Test active managed charging beyond TOU rates
- Avoid timer peaks

Weekday Load Profile



# Why Telematics for Managed Charging?

- ~50% of early-adopter EV owners are using L1 charging without EVSE
- Low-barrier “out of the box” option for managed charging
- Likely part of ecosystem with multiple technical pathways
- Higher scaling potential



California Air Resources Board, "California's advanced clean cars midterm review: Summary report for the technical analysis of the light duty vehicles standards Appendix B" (2017), <https://www.arb.ca.gov/msprog/acc/acc-mtr.htm>

# Overview

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Current focus: Residential charging (~26K personal EVs)

Phase:

- ~~Phase 1: technical proof of concept (Flexcharging). Early 2020.~~
- Phase 2: expanded pilot, development in 2021, launch in 2022
  - Develop additional management systems
  - Test incentives with larger sample
- Phase 3: scale to program, 2023

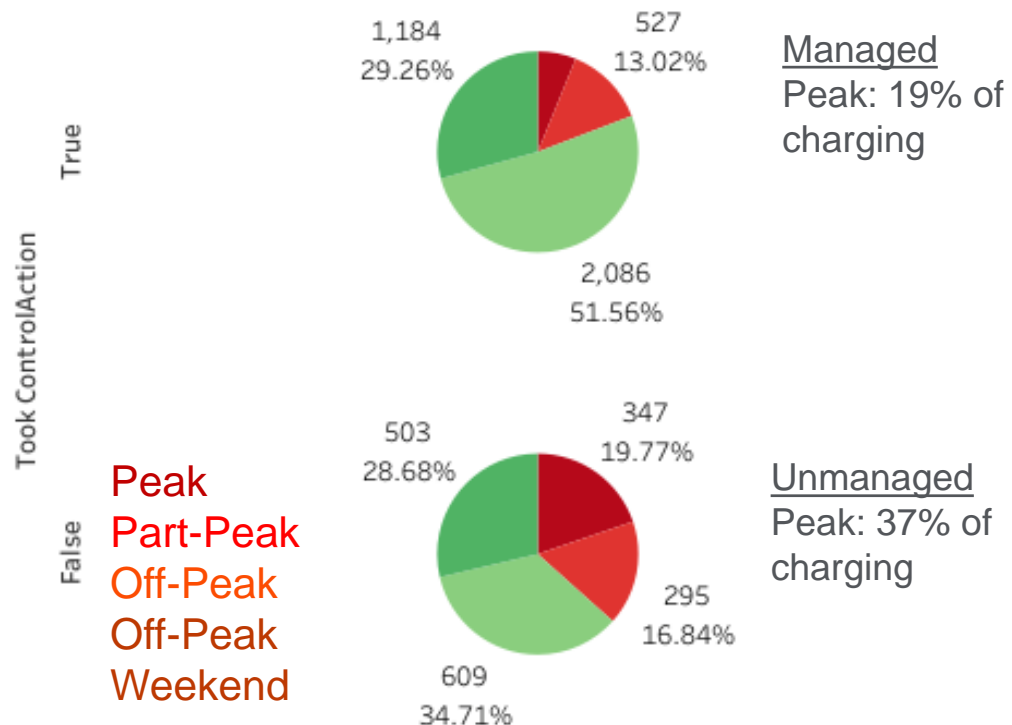
# Phase 1 Recap



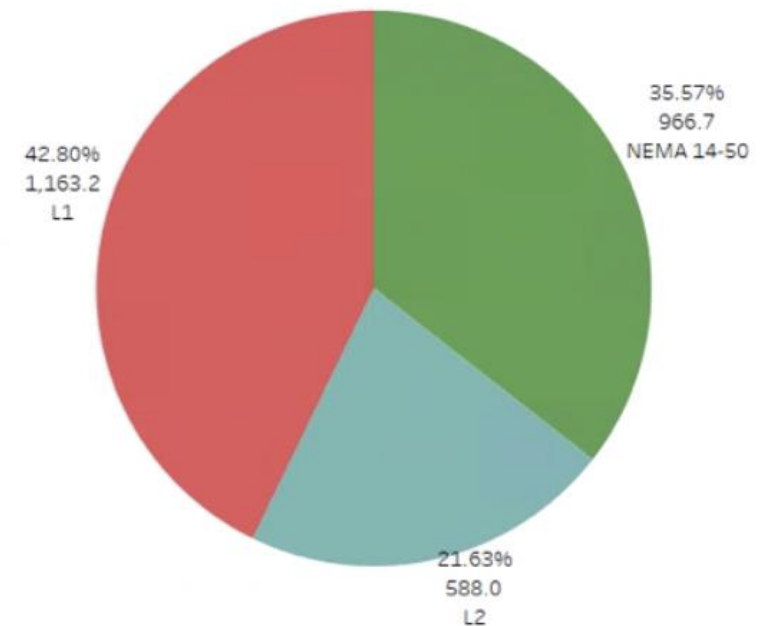
Peak charging energy decreased 50%

L1 charging assumptions verified

## Percent Charging On Peak



## Charging Levels (Residential Only)



# Phase 2 Experiment Partnership

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- Collaboration with UCD Davis Energy and Economics Program (DEEP), James Bushnell and David Rapson

UC Team providing:

- Experimental design guidance
- Analysis and evaluation
- Journal publication and media attention



# Experiment Questions

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Primary questions:

1. How do customers respond when given the option of a voluntary managed charging program? (e.g. enrollment rate and retention, customer concerns, is an incentive needed)
2. How much load shift can be achieved? How much flexibility exists?

# Proposed Experimental Components

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## Components:

- 1,500 – 2,000 res. customers
- 9-12 month experiment
- Incentives test (none, flat rebate, TOU subsidy)

# Timeline

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- Ongoing – Q4 2021:
  - BOD approval
  - Final design development
  - MOUs execution with UCD
  - Telematics managed charging system RFP and onboarding
  - Customer recruitment in winter
- Q1 2022 – Q4 2022:
  - Experiment launches, possible mid-experiment iterations
  - Post-experiment analysis and evaluation
  - Journal publication, case studies, etc. in 2023

Assumes post-Covid travel patterns return by end of 2021



# Proposed Budget

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Item	Total
Incentives	\$175,000
Telematics system	\$125,000
UCD consulting	\$220,000*
Contingency	\$30,000
Grand Total	\$550,000

\* \$60K+ grant available to help reduce these costs

# EV Managed Charging: Request

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**Program:** EV Managed Charging

**Request:** Board approval of proposed EV Managed Charging, phase 2 project

**Amount:** Up to \$550,000 total over 2 years.

# Regular Agenda

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## 6. Disadvantaged Community Solar Program (DAC-GT) Update (Discussion)

# Disadvantaged Communities Green Tariff (DAC-GT) & Community Solar Green Tariff (CS-GT)

Board of Directors Update  
June 2021



# Agenda

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1. Description
2. Overview & Policy History
3. PCE Activity Timeline
4. PCE Program Specifics
5. Los Banos
6. Enrollment
7. Next steps

# Description

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Program	Resource Requirement
Disadvantaged Community Green Tariff (“DAC-GT”)	<ul style="list-style-type: none"><li>• Renewable generation can be sited at any DAC in PG&amp;E territory</li></ul>
Community Solar Green Tariff (“CSGT”)	<ul style="list-style-type: none"><li>• Renewable generation must be sited within 5 miles of participating customers</li><li>• Must include a “community sponsor” to support outreach</li></ul>

# Overview & Policy History

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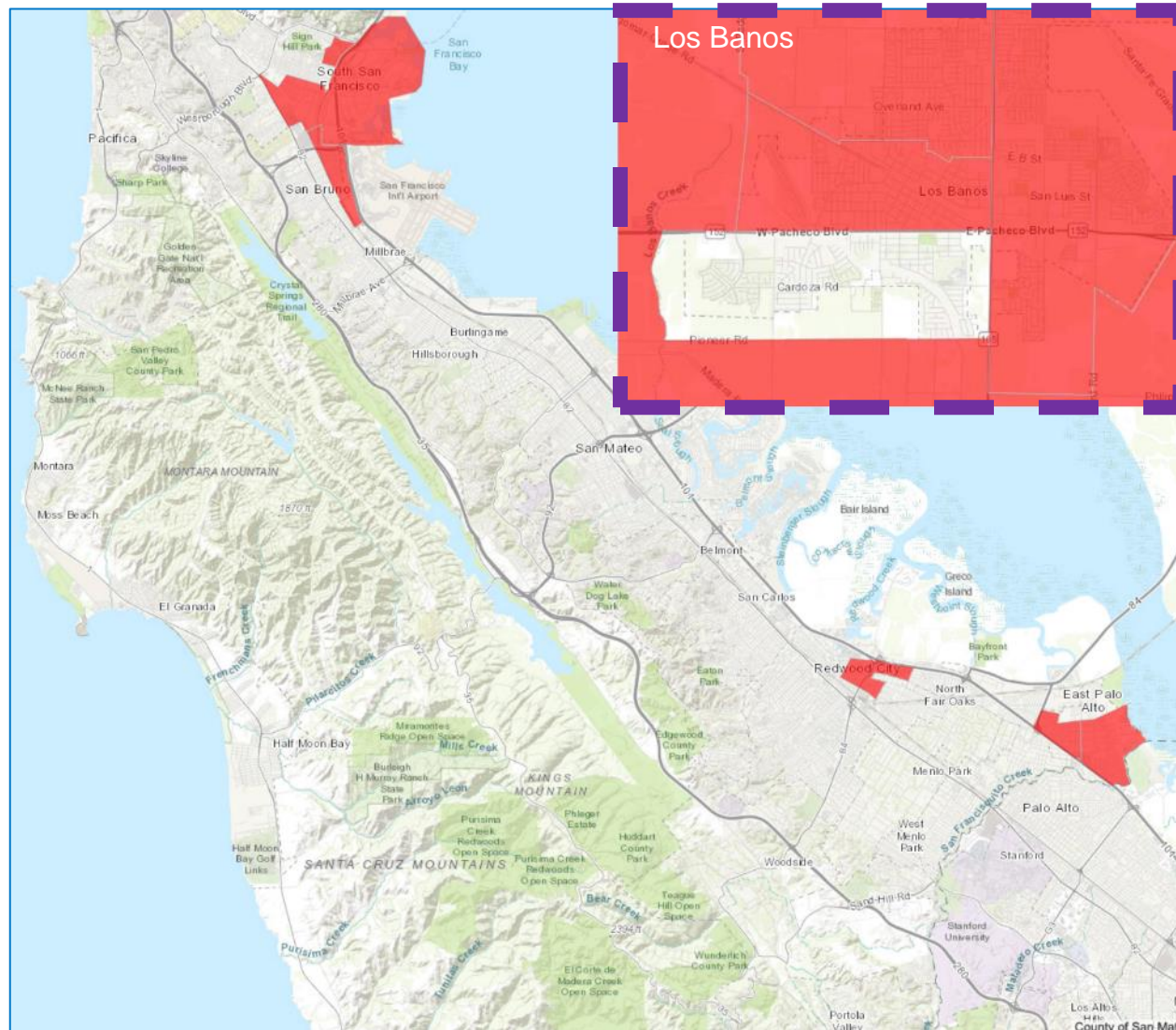
## Objectives

- Access to renewable energy to disadvantaged communities
- Discount of 20% on participant bills
- Development of renewables in disadvantaged communities
- Ratepayer funding reimburses program administrators

## Policy History

- 2013: AB 327 (Perea)
- 2018: CPUC Authorized Programs and Allowed CCAs to participate

# Our 3 current DACs (+ Los Banos)





# PCE Program Specifics

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## Allocation

- Based on number of residential customers per CalEnviroScreen Disadvantaged Community designated census tracts
- PCE allocation based on San Mateo County
  - Tracts in East Palo Alto, South San Francisco, Redwood City
- Est. eligible: 3,750+ customers
- Est. to be served: ~600 (DAC-GT), ~200 (CS-GT) customers
- Allocations: DAC-GT: 1.24 MW, CS-GT: 0.41 MW

## Starting timeframe: Q4 2021

- Interim resource: MCE solar project in Central Valley

# PCE Activity Timeline

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- December 2020: PCE submitted Implementation Plan and Budget Forecasts to CPUC
- April 2021: Submission approved by CPUC
- June 2021: Submitted RFO documents to CPUC for review
- July-Aug 2021 (expected): CPUC approval of RFO documents
- July-Aug 2021: Procure interim resource from MCE to serve SMC DAC customers
- Aug-Sep 2021 (expected): Issue solicitation to procure new resources
- Q4 2021: launch PCE DAC-GT program using MCE's interim resource
- 2023 (expected): PCE-procured resource(s) come online

# Los Banos Issues

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- Currently 397 Los Banos customers participating in DAC-GT through PG&E
- PCE not yet authorized to provide program to Los Banos
- PCE actively engaged with CPUC to enable participation
  - Met with Commissioner Guzman-Acevez's staff on April 19, 2021
- Resolution timing uncertain, but likely after PCE begins to serve Los Banos (Apr 2022)
- Options:
  - Not enroll Los Banos DAC-GT PG&E customers
    - Unclear if these customers could be enrolled in PCE as “retro-enrollment” later
  - Enroll Los Banos DAC-GT customers with PCE \*without\* PCE DAC-GT program (no discount) until PCE program is authorized for Los Banos

# Customer Enrollment Plan

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Blend of:

- Community organizations to identify most vulnerable to shutoff
  - El Concilio and possibly other organizations are being considered
- Identify customers in the Arrearage Management Plan (AMP)
  - AMP was established to reduce disconnects
  - Provides for waiving a portion of arrearage after consistent payments
- Once customers are identified, they will be auto-enrolled.

# Next Steps

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- Obtain CPUC approval of RFO documents and issue RFO
- Contract for interim resource with MCE
- Finalize Q4 start date with Calpine for enrollment/billing
- Initiate customer enrollment
- Resolve Los Banos participation

# Regular Agenda

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## 7. E-Bikes Program Update (Discussion)

# E-Bikes for Everyone

Program Update to the Board of Directors

June 24, 2021



# E-Bikes for Everyone Overview

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- Approved July 2020
- \$300K budget
  - \$240K incentives (\$800 rebate, ~300 bikes)
  - \$60K bike safety workshops and outreach with Silicon Valley Bicycle Coalition
- Only low to moderate income customers eligible
- Bike shop partnerships



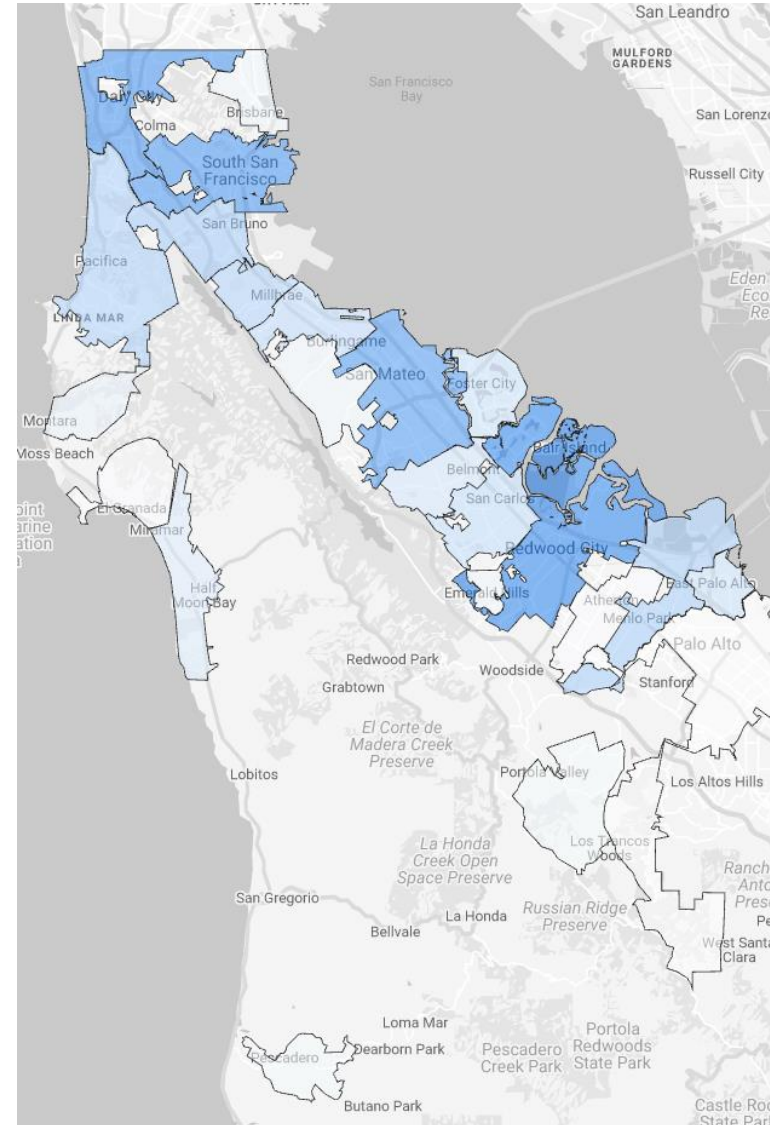
# Program Status Update

- Program launch on May 26
- “Sold out” (300+ applications) in 5 days
- 100+ e-bikes already purchased
- “Running errands” most common intended use
- 94% pre-purchase customer satisfaction



# Applications by City

	Premise City	Applications ▼
1.	Redwood City, CA	58
2.	Daly City, CA	51
3.	South San Francisco...	50
4.	San Mateo, CA	47
5.	San Bruno, CA	23
6.	Menlo Park, CA	22
7.	Pacifica, CA	21
8.	Millbrae, CA	20
9.	Burlingame, CA	16
10.	San Carlos, CA	15
11.	Foster City, CA	13
12.	East Palo Alto, CA	13
13.	Belmont, CA	11
14.	Half Moon Bay, CA	8
15.	Montara, CA	5



As of June 7, 2021

# Related

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- Contract increase for RidePanda, up to \$225,600, within current approved budget
- Staff to return in the future for additional program budget

# Regular Agenda

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## 8. Board Members' Reports (Discussion)

# Regular Agenda

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Adjourn to Closed Session

# Regular Agenda

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Adjourn