



**REGULAR MEETING of the Board of Directors of the  
Clean Power Alliance of Southern California  
Thursday, June 6, 2019  
2:00 p.m.**

Conference Center at Cathedral Plaza  
Conference Room 6  
555 W. Temple Street  
Los Angeles, CA 90012

*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 Christian Cruz at least two (2) working days before the meeting at [ccruz@cleanpoweralliance.org](mailto:ccruz@cleanpoweralliance.org) or (213) 269-5870. 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 Board 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 comment, members of the public who wish to address the Board 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.*

***In addition, members of the Public are encouraged to submit written comments on any agenda item to [PublicComment@cleanpoweralliance.org](mailto:PublicComment@cleanpoweralliance.org). To enable an opportunity for review, written comments should be submitted at least 72 hours but no later than 24 hours in advance of the noticed Board meeting date. Any written materials submitted thereafter will be distributed to the Board at the Board meeting. Any written submissions must specify the Agenda Item by number, otherwise they will be considered General Public Comment.***

*Members of the public may also participate in this meeting remotely at the following addresses:*

Calabasas City Hall – Council Conference Room  
100 Civic Center Way, Calabasas, CA 91301

Ventura County Government Center  
Channel Islands Conference Room, 4th Floor Hall of Administration  
800 South Victoria Avenue, Ventura, CA 93009

Whittier City Hall – Admin Conference Room  
13230 Penn Street, Whittier, CA 90602

**I. WELCOME AND ROLL CALL**

**II. GENERAL PUBLIC COMMENT**

**III. CONSENT AGENDA**

1. [Approve Minutes from May 2, 2019 Board of Directors Meeting](#)
2. [Authorize the Executive Director to Execute an Amended and Restated Task Order No. 3 between CPA and The Energy Authority \(TEA\) for Power Procurement and Advisory Services](#)
3. [Approve Policy No. 10 Regarding Vendor Communications](#)
4. [Appoint One Member to the Community Advisory Committee for 2019-2020 Representing Unincorporated Los Angeles County and Remove One Member Representing the South Bay](#)
5. [Receive and File Report from the May 9, 2019 Community Advisory Committee Meeting](#)

**IV. CLOSED SESSION**

**CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION**

Initiation of litigation pursuant to paragraph (4) of subdivision (d) of Government Code Section 54956.9: (1)

**V. REGULAR AGENDA**

**Action Items**

6. [Adopt Resolution No. 19-06-010 to Approve 2019 Rates for Phases 1 & 2 Non-Residential Customers, Resolution No. 19-06-011 to Approve 2019 Rates for Non-Residential Customers \(Phase 4\), and Resolution No. 19-06-012 to Approve 2019 Rates for Phase 3 Residential Customers](#)
7. [Approve Proposed Fiscal Year 2019/20 Budget](#)

**VI. [MANAGEMENT UPDATE](#)**

**VII. COMMITTEE CHAIR UPDATES**

Director Lindsey Horvath, Chair Legislative & Regulatory Committee

Director Julian Gold, Chair, Finance Committee

Director Carmen Ramirez, Chair, Energy Planning & Resources Committee

**VIII. BOARD MEMBER COMMENTS**

**IX. REPORT FROM THE CHAIR**

**X. ADJOURN – TO REGULAR MEETING JULY 18, 2019**

***Public Records:** Public records that relate to any item on the open session agenda for a regular Board 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 Board. The Board has designated Clean Power Alliance, 555 W. 5th Street, 35th Floor, Los Angeles, CA 90013, as the location where those public records will be available for inspection. The documents are also available online at [www.cleanpoweralliance.org](http://www.cleanpoweralliance.org).*

REGULAR MEETING of the Board of Directors of the  
Clean Power Alliance of Southern California  
Thursday, May 2, 2019 2:00 p.m.

**MINUTES**

Metro Headquarters, 4<sup>th</sup> Floor, Plaza View Room  
One Gateway Plaza, Los Angeles, CA 90012

*Calabasas City Hall  
Council Conference Room  
100 Civic Center Way, Calabasas, CA 91301*

*Whittier City Hall – Admin Conference Room  
13230 Penn Street, Whittier, CA 90602*

*Ventura County Government Center  
Channel Islands Conference Room  
4th Floor Hall of Administration  
800 South Victoria Avenue, Ventura, CA 93009*

*JW Marriott Desert Springs Resort & Spa  
Conference Room: Director's Suite A  
74-855 Country Club Dr.  
Palm Desert, CA 92260*

**I. WELCOME AND ROLL CALL**

Vice Chair Sheila Kuehl called the meeting to order. Interim Board Secretary Christian Cruz conducted roll call.

<b>Roll Call</b>				
1	<b>Agoura Hills</b>	Deborah Klein Lopez	Director	Remote
2	<b>Alhambra</b>	Adele Andrade Stadler	Director	In-Person
3	<b>Arcadia</b>	Sho Tay	Director	In-Person
4	<b>Beverly Hills</b>			Absent
5	<b>Calabasas</b>	John Bingham	Alternate	Remote
6	<b>Camarillo</b>	Tony Trembley	Director	Remote
7	<b>Carson</b>	Reata Kulcsar	Alternate	In-Person
8	<b>Claremont</b>	Corey Calaycay	Director	In-Person
9	<b>Culver City</b>	Meghan Sahli-Wells	Director	Remote
10	<b>Downey</b>	Sean Ashton	Director	Remote
11	<b>Hawaiian Gardens</b>	Raime L. Torres	Alternate	Remote

Clean Power Alliance Board of Directors Minutes  
May 2, 2019

12	<b>Hawthorne</b>	Alex Monteiro	Director	In-Person
13	<b>Los Angeles County</b>	Sheila Kuehl	<b>Vice Chair</b>	In-Person
14	<b>Malibu</b>	Skylar Peak	Director	In-Person
15	<b>Manhattan Beach</b>	Nancy Hersman	Alternate	In-Person
16	<b>Moorpark</b>	Janice Parvin	Director	Remote
17	<b>Ojai</b>	Michelle Ellison	Alternate	In-Person
18	<b>Oxnard</b>	Carmen Ramirez	Director	Remote
19	<b>Paramount</b>	Laurie Guillen	Director	Remote
20	<b>Redondo Beach</b>	John Gran	Alternate	In-Person
21	<b>Rolling Hills Estates</b>	Steve Zuckerman	Director	In-Person
22	<b>Santa Monica</b>	Kevin McKeown	Director	Remote
23	<b>Sierra Madre</b>	John Harabedian	Director	In-Person
24	<b>Simi Valley</b>	Ruth Luevanos	Director	Remote
25	<b>South Pasadena</b>	Diana Mahmud	<b>Chair</b>	Remote
26	<b>Temple City</b>			Absent
27	<b>Thousand Oaks</b>	Jay Spurgin	Alternate	Remote
28	<b>Ventura</b>	Christy Weir	Director	Remote
29	<b>Ventura County</b>	Linda Parks	<b>Vice Chair</b>	Remote
30	<b>West Hollywood</b>	Lindsey Horvath	Director	In-Person
31	<b>Whittier</b>	Henry Bouchot	Director	Remote

## II. GENERAL PUBLIC COMMENT

The following individuals provided general public comments: Harvey Eder (Public Solar Power Coalition).

## III. CONSENT AGENDA

1. Appointed Christian Cruz as the Interim Board Secretary for each Board meeting until such time a permanent Board Secretary is appointed by the Board or until such time another Interim Board Secretary needs to be appointed
2. Approved Minutes from April 4, 2019 Board of Directors Meeting

3. Authorized the Executive Director to execute a Professional Legal Services Agreement between CPA and Hall Energy Law, PC for a not-to-exceed amount of \$325,000
4. Approved and Adopted Resolution No. 19-05-009 Authorizing an Increase in the Executive Director's Expenditure Authority to \$125,000 and Affirming the Executive Director's Contracting Authority
5. Received and filed report from the Community Advisory Committee April 11, 2019 Meeting

Director Harabedian asked if staff has considered bringing legal services in-house, particularly for short-term power purchase agreements. Ted Bardacke, Executive Director, replied that it may be possible but the organization would have to be sure that it still received good value and needed expertise and that more in-house counsel did not lead to more outside legal expenditures.

**Motion:** Director Calaycay, Claremont

**Second:** Director Andrade-Stadler, Alhambra

**Vote:** Items 1 through 5 passed by a unanimous roll call vote.

#### IV. REGULAR AGENDA

##### Action Items

6. Approve Voyager Scholarship Program as recommended by the Community Advisory Committee

Ted Bardacke, Executive Director provided a brief overview of the Scholarship Program and the work the Community Advisory Committee has done. Director Hersman asked staff whether we considered El Camino College. Mr. Bardacke clarified that the colleges were selected by program success rate, enrollment, and size of foundations. Director Klein Lopez, asked staff whether the San Fernando Valley Colleges were considered. Staff replied that the CAC did include one college, East LA Community College, within the Los Angeles Community College District but in the future there would be a possibility for other colleges to be considered.

The following individuals provided public comments on this item: Harvey Eder (Public Solar Power Coalition).

**Motion:** Director Monteiro, Hawthorne

**Second:** Director Hersman, Manhattan Beach

**Vote:** Item 6 passed by a unanimous roll call vote.

7. Approved the following positions on bills in the 2019/2020 legislative session and authorized staff to communicate those positions to State Legislators, the Governor, and other interested stakeholders:

AB 56 (Garcia) – Oppose  
SB 155 (Bradford) – Oppose unless amended  
SB 638 (Allen) – Support  
SB 774 (Stern) – Support, if amended  
AB 1144 (Friedman) – Support

Ted Bardacke, Executive Director, introduced Gina Goodhill, Policy Director, to provide a brief presentation on each of the bills.

AB 56 (Garcia)

Ms. Goodhill provided a brief presentation on AB 56. Director Ramirez asked if there was any information on how AB 56 came about. Mr. Bardacke did clarify that this was the third year that Assembly Member Garcia proposed legislation around central procurement. Director Zuckerman asked about the agency mentioned in the bill, and Ms. Goodhill clarified that the agency listed is just a placeholder and it is anticipated that it will be changed. Chair Mahmud asked the present status on the bill. Ms. Goodhill stated it passed both the Utilities and Energy Committee and the Natural Resources Committee. The bill will now be considered in the Appropriations Committee. Chair Mahmud directed staff to follow up after the meeting with information on how each representative voted on bills CPA has taken a formal position on.

SB 155 (Bradford)

Ms. Goodhill provided a brief presentation on SB 155 and stated this bill has

also passed its committees and is headed to Senate Appropriations.

SB 638 (Allen)

Ms. Goodhill provided a brief presentation on SB 638. Director McKeown commented that this bill will make a big difference for renters looking to utilize EVs.

SB 774 (Stern)

Ms. Goodhill provided a brief presentation on SB 744. Both Director Mikos and Director Luevanos individually confirmed with Senator Stern that amended language to include CCAs will go into the bill.

AB 1144 (Friedman)

Ms. Goodhill provided a brief presentation on AB 1144. Chair Mahmud asked how the bill defines high fire threat districts, and Mr. Bardacke clarified that the bill reserves this designation for Category 3 zones, as defined by Cal Fire. However, Chair Mahmud asked that we advocate that a specific definition be included in the bill. Director Ashton asked, based on the rating, how many of the member agencies are within Category 3 zone. Mr. Bardacke notified the Board that it is a significant amount. Vice Chair Kuehl asked staff to provide the definition and map of the Category 3 zone and distribute the information to member agencies.

Ms. Goodhill provided an update on SB 355. It was heard at the Government and Finance Committee, where it passed 7-0 with by partisan support. It will be headed to the Senate Floor. The author accepted two amendments. First, this will only apply to JPAs in Ventura and LA County, and secondly it will sunset it 2025.

The following individuals provided public comments on this item: Craig Lewis, Jan Detrick, and Harvey Eder (Public Solar Power Coalition).



**Motion:** Director Calaycay, Claremont

**Second:** Director Harabedian, Sierra Madre

**Vote:** Item 7 passed by a unanimous roll call vote.

### **Information Items**

#### **8. Staff Presentation on Fiscal Year 2019/20 Budget Priorities**

Mr. Bardacke provided a brief presentation on the budget goals and priorities. Mr. Bardacke highlighted the need for CPA to begin to develop an institutional foundation to meet CPA strategic objectives. In the 2019/20 FY, staff is focusing on meeting these objectives in four major categories: Programs, People, Place and Systems. Mr. Bardacke also highlighted the organization chart. It is anticipated that CPA will not need as many expensive consultants, as we expand our staff and bring some of the core functions in house. This will help mitigate risk and maximize value. Mr. Bardacke clarified that the outstanding positions will be filled over the course of the year. In addition, Mr. Bardacke indicated that CPA will be actively seeking a permanent office space to accommodate staff and Board/Committee meetings.

Director Ramirez requested that ensure there is public transit access for any new location. Director Calaycay asked, whether staff has looked into purchasing a location versus leasing a location. Mr. Bardacke did say that the two more mature CCAs do own their own facilities and is not beyond what CPA could do in the future. Vice Chair Kuehl, as it pertained to the expansion of staff, commented that as CPA staff expands good on-boarding policies need to be established to ensure their success at CPA, and agreed with Director Ramirez's comments.

### **V. MANAGEMENT UPDATE**

Mr. Bardacke provided a brief update. He provided an update on the SCE billing issues and indicated that some of the initial problems have been resolved. However, there remains an issue, where 66,000 CPA residential accounts on time of use bill

protection program did not receive their credits from this program from SCE or did not receive the entire credit. This was a system wide issue and if affected both SCE and CPA customers. However, in May those residents will receive their credit which will range between \$1- \$40. Director McKeown asked staff to provide feedback on the application, by IOUs, to increase their guaranteed return on equity on their transmission and distribution, and the impact that could have on the financial incentives for electrification. Mr. Bardacke indicated that this can raise the overall price point for electricity making the cost competitiveness of electricity will see a negative impact. There, however, will be opportunity for CPA to participate in future discussions with other coalitions on these issues. Chair Mahmud also asked staff, if CalCCA has filed any motions to intervene in the two IOU transmission rate cases. Mr. Bardacke did say there was a discussion at CalCCA, and at this time CalCCA in coalition with other groups may is looking into how best intervene.

#### **VI. GENERAL COUNSEL UPDATE**

Nancy Whang, General Counsel provided brief remarks on the draft vendor communication policy and requested any Director with questions or comments to contact her. Director Sahli-Wells asked if it would be possible to provide the Board with a vendor list. To which, staff did say a list can be provided. In addition, under the policy an in-kind donation does still count as a contribution. These campaign contributions and requirements would only apply to vendors who have contracts that will be decided or approved by the Board.

#### **VII. COMMITTEE CHAIR UPDATES**

Director Zuckerman, Finance Committee Member, reported that there was extensive discussion on the upcoming budget, and the Committee will have further discussions prior to the next Board of Directors meeting.

Director Ramirez, Energy Committee Chair, provided an update on the changing markets, as they relate to resource adequacy. In addition, the Committee also reviewed the Distributed Energy Resources (DER) Pilot Program.

Director Sahli-Wells reported on communications. Specifically, she provided an update on CPA's launch of its Green Leader Program to recognize 100% Green Power customers.

**VIII. BOARD MEMBER COMMENTS**

Director Parks announced, that during the SCAG General Assembly a resolution was passed, 102-2, to endorse CCAs.

Chair Mahmud also highlighted the importance, for members to participate in the Board retreat on June 28.

Director Monteiro thanked staff for attending the City of Hawthorne Earth Day event. Vice Chair Kuehl announced that CPA received the Los Angeles County Green Leadership Award.

Director Zuckerman also encouraged those who can to attend the May 14 County Sustainability Retreat.

**IX. REPORT FROM THE CHAIR**

No report given.

**X. ADJOURN**

Vice Chair Kuehl adjourned the meeting.



## Staff Report – Agenda Item 2

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**To:** Clean Power Alliance (CPA) Board of Directors

**From:** Natasha Keefer, Director of Power Planning and Procurement

**Approved by:** Ted Bardacke, Executive Director

**Subject:** Authorize the Executive Director to execute an Amended and Restated Task Order No. 3 with The Energy Authority (TEA) for Power Procurement and Advisory Services

**Date:** June 6, 2019

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### **RECOMMENDATION**

Authorize the Executive Director to execute an Amended and Restated Task Order No. 3 with The Energy Authority (TEA) for Power Procurement and Advisory Services to extend the term of the current Task Order No. 3 from June 30, 2019 to September 30, 2019 and increase the not-to-exceed budget by \$210,000 for the additional three months of services.

### **BACKGROUND**

In December 2017, the Board of Directors authorized execution of a three-year Resource Management Agreement (RMA) with TEA for a variety of services related to power procurement and delivery, including scheduling coordination with the California Independent System Operator (CAISO), power trading activities, load and energy price forecasting, risk management, and congestion revenue rights (CRR) management. This RMA was the result of a competitive RFP process that included 11 bidders.

Also in December 2017, CPA executed Task Order No. 1 with TEA for Scheduling and Congestion Revenue Rights Management. Task Order No. 1 has a three-year duration. In February 2019, the Board approved an amendment to Task Order No. 1, to account

for CPA's four-phase enrollment schedule. Task Order No. 1 is not impacted by the recommended action on Task Order No. 3.

In April 2018, the Board authorized the execution of Task Order No. 2 with TEA for power procurement and advisory services for a six-month duration and a not-to-exceed budget of \$375,000. At the expiration of this Task Order in October 2018, the Board authorized the execution of Task Order No. 3 with TEA for power procurement and advisory services to cover the term of October 10, 2018 to June 30, 2019, with a not-to-exceed budget of \$550,000.

### **AMENDED TASK ORDER NO. 3 WITH TEA**

Consistent with the Fiscal Year (FY) 2019/2020 budget priorities discussed during the May 2019 Board meeting, CPA is planning to move some core functions currently being provided by TEA to in-house staff over the course of FY 2019/2020. Staff recommends extending the existing TEA Task Order No. 3 during this transitional period to ensure critical procurement functions are properly resourced. In parallel, staff will be negotiating a restructured TEA Task Order No. 4 to cover the period of October 1, 2019 through June 30, 2020 that reflects changes to CPA's in-house procurement processes and capabilities and therefore a revised scope of work for TEA.

Staff is proposing to amend Task Order No. 3 to:

- Extend the term of the contract from June 30, 2019 to September 30, 2019
- Increase the not-to-exceed budget from \$550,000 to \$760,000 (increase of \$210,000)
- Add standard CPA contracting language

### **FISCAL IMPACT**

The cost of the TEA Amended Task Order No. 3 services is incorporated into the proposed FY 2019-2020 budget, which includes procurement services costs for the entire fiscal year.

**Attachment:** 1) Amended Task Order No. 3 with TEA (redline)

## **TEA First Amended and Restated Task Order 3 for Power Procurement and Advisory Services**

This First Amended and Restated Task Order 3 for Power Procurement and Advisory Services (“First Amended Task Order 3”) is made and entered this 7th day of June, 2019 (the “First Amended Task Order 3 Effective Date”), by and between The Energy Authority, Inc. (“TEA”) and Clean Power Alliance of Southern California (“CPA”), and the terms and conditions contained herein are hereby incorporated by reference as part of the certain Resource Management Agreement dated the 28th day of December, 2017 (the “RMA”). TEA and CPA are sometimes referred to herein individually as a “Party,” or collectively as the “Parties.” Defined terms used herein but not specifically defined shall have the meanings set forth in the RMA or in the CAISO Tariff. This First Amended Task Order 3 amends and restates the original Task Order 3 dated October 10, 2018 (the “Original Task Order 3”), and extends the term and increases the not-to-exceed compensation amount of the ~~original~~Original Task Order 3 to account for the extended term.

### **Section 1 Scope of Services.**

During the term of this First Amended Task Order 3, TEA shall provide to CPA certain power procurement and related services (“Services”), as more particularly described herein.

#### **Section 1.1 Power Procurement.**

Subject to the terms and conditions of the RMA, TEA shall provide Services on behalf of CPA for Transactions with CPA counterparties. For purposes of this First Amended Task Order 3, “Transactions” means the purchase and sale of electricity products, including energy, Resource Adequacy capacity, renewable energy, carbon free and/or Asset Controlling Supplier energy.

##### **Section 1.1.1 Planning and Coordination**

TEA will coordinate with CPA staff, its consultants and legal counsel on issues affecting procurement, including, but not necessarily limited to:

- Prepare and maintain CPA’s customer and electric sales forecasts consistent with CPA phasing schedules including forecast of: 1) monthly enrolled accounts, megawatt hours (“MWh”) and megawatts (“MW”) by load profile group; and 2) monthly coincident Peak MW and hourly MW for the CPA system.
- Update long term sales forecasts biannually and more frequently as necessary, including development of scenario analysis and monitor accuracy of load forecast on monthly basis.
- Maintain net position model to identify incremental procurement needs of CPA in consideration of risk management policies, approved procurement strategies and applicable regulatory requirements.
- Monitor markets both to provide guidance on the timing of opportunistic hedging decisions and to inform CPA on changes occurring in the markets and the underlying drivers of those changes.
- Work with CPA staff and its legal counsel to provide certain subject matter expertise on the commercial aspects of the different power supply transactions, including commercial analysis of alternative power products, as well as providing input on confirmation agreements.

- Maintain/manage relationships with qualified suppliers of requisite energy products; participate in periodic calls, email exchanges and other communications with and/or on behalf of CPA.
- Coordinate with CPA's Data Analytics staff and consultants on data management issues relating to billing services for different default product options to ensure alignment with CPA's procurement volumes for products such as renewable and GHG-free energy.
- Assist with Implementation Plan amendments and other regulatory filings with the California Public Utility Commission ("CPUC").

### **Section 1.1.2 Prepare Request for Offers.**

As directed by CPA, TEA will prepare formal Requests for Offer ("RFO") documents to be submitted to power suppliers and manage short-term RFO processes on behalf of CPA for the purpose of procuring power supplies to meet the requirements of CPA's customers, including:

- coordinating information with prospective suppliers and answering questions;
- evaluating offers against economic and non-economic criteria set by CPA;
- developing short-lists of suppliers and reviewing results with CPA; and
- evaluating and recommending power suppliers to CPA.

As directed by CCA, TEA will coordinate and evaluate bilateral procurement activities.

### **Section 1.1.3 Financial and Risk Analysis.**

TEA will build and maintain an integrated set of models to project CPA's revenues, costs and gross margins, and to measure potential variability in projected results. The integrated set of models will include a Financial Model and a Risk Model.

**Financial Model:** TEA will build and maintain a financial model of CPA's energy-related financial projections that includes load, resources with associated costs, market prices, various fixed costs and CAISO fees, executed transactions and any other variables, as necessary, to provide a complete cost and financial view for CPA. TEA will coordinate with CPA staff on all necessary inputs required to derive the financial projections. The model shall be Excel-based and available for CPA staff to use and manipulate for other purposes, including but not limited to scenario analysis, compliance reporting, annual budgeting, and rate setting. The financial model will be updated daily with the most recent market price information and forward transactions executed by CPA. CPA will have on-demand access to the most recent financial model at all times through a web portal.

**Risk Model:** TEA will build and maintain a risk model for CPA. The risk model generates scenarios by using inputs for several variables that may include market implied heat rates, natural gas prices, power prices, load variables, variable energy resource generation and other relevant inputs. The risk model will be used as a component to the entire risk management function, including calculating potential variability in CPA's power supply costs. This information will be used in assessing the need for short-term hedging transactions, establishing adequate financial reserve funds, and for setting retail rates.

### **Section 1.1.4 Risk Management Team Support Services.**

TEA will assist CPA in maintaining its formal risk management program consistent with CPA's Board of Directors-approved Energy Risk Management Policy ("ERMP"). TEA will participate in CPA's monthly Risk Management Team ("RMT") Meetings during which time CPA-related risks are reviewed, discussed, and as appropriate, risk mitigation strategies are reviewed and approved by CPA. TEA will work with CPA staff to compile the CPA's Risk Management Team ("RMT") monthly meeting agenda, develop presentation material into a single document or presentation that can be reviewed and discussed at the monthly meeting, as well as keep meeting records. TEA will also monitor and report on ERMP compliance.

### **Section 1.2 Mid-Office Services.**

TEA will provide the following mid-office services:

- All Transactions executed by CPA will be entered into TEA's system of record;
- All executed Transactions will be verified that they match an official delegation of CPA's RMT or authorized CPA individual;
- Confirm that the new Transaction is uploaded to the net position model;
- TEA will provide the following reports through a secure web-portal:
  - Counterparty credit report
  - Energy Risk Management Policy compliance report
  - Forward position reports
  - Daily activity (with delegation matrix)
  - Official record of CPA's Transactions, including checklist and approvals.

### **Section 1.3 Regulatory and Legislative Compliance.**

TEA will perform the following compliance related activities:

- Prepare and submit monthly and annual Resource Adequacy ("RA") showings to the CPUC;
- Prepare and submit historical load, monthly and annual load forecasts to the CPUC and California Energy Commission ("CEC");
- Prepare and submit Integrated Energy Policy Report ("IEPR") to the CEC;
- Assist CPA with preparing the RPS Procurement plan;
- Assist CPA with preparing the REC Retirement Report;
- Assist CPA with preparing RPS Compliance Reports;
- Assist CPA with preparing the annual Power Source Disclosure report; and
- Assist CPA with preparing the annual Power Content Label report.

For the avoidance of doubt, TEA's contractual obligations under this Section 1.3 will be limited to performing the activities outlined above and preparing the required load and/or generation data in a format consistent with that established by the applicable regulatory agency and/or CPA's legal counsel. Certain compliance filings require CPA's legal counsel designated by CPA to assist with preparing written documentation and providing submittals to the appropriate service list.

### **Section 1.4 Additional Work.**

Upon request, TEA may also provide other services related to procuring and managing CPA's power supply portfolio. In addition, TEA may also provide services including, but not limited to, the following:

- Support for financial planning and analysis including assistance with preparing CPA's annual budget, performing ad hoc financial analysis, and assist with retail rate design



and rate setting

- Attend CPA's Board of Director Meetings to discuss wholesale procurement and portfolio management issues.

**Section 2. Additional Obligations.**

*(Section is Reserved)*

**Section 3. Term and Termination of this First Amended Task Order 3.**

**Section 3.1 Term of First Amended Task Order 3.**

This First Amended Task Order 3 shall commence on the First Amended Task Order 3 Effective Date and shall continue through September 30, 2019 (the "First Amended Task Order 3 Term").

**Section 3.2 Termination.**

Either Party may terminate this First Amended Task Order 3 either (i) as allowed under the terms of the RMA; or (ii) by providing a minimum of thirty (30) days prior written notice of a designated termination date to the other Party (the "Termination Notice Period").

**Section 4. Compensation for Services Provided Under This First Amended Task Order 3.**

For the Services defined in Sections 1.1, 1.3 and 1.4 of this First Amended Task Order 3, CPA shall pay to TEA an amount determined on a time and materials basis using the hourly billing rates provided in Section 8 multiplied by the hours of work performed by TEA (the "Variable Services Fee"). For the Services defined in Section 1.2, CPA shall pay to TEA a fixed monthly amount equal to Five Thousand Five Hundred Dollars (\$5,500) (the "Mid-Office Services Fee"). The total amount of Service Fees under this First Amended Task Order 3, for both Mid-Office Services Fee and Variable Services Fees (collectively, the "Service Fees") shall not exceed FiveSeven Hundred FiftySixty Thousand Dollars (\$760,000) (the "Service Fees Limit") without the prior written consent of CPA. If the Service Fees Limit is reached, TEA will not be obligated to continue to provide Services under this First Amended Task Order 3, unless and until TEA receives written authorization from CPA as to an additional amount authorized.

**Section 5. Controlling Terms and Conditions.**

The provisions of this First Amended Task Order 3 are subject to the Terms and Conditions of the RMA between the Parties. If any provisions of this First Amended Task Order 3 conflict with any provisions in the RMA, the provisions of the RMA shall take precedence.

**Section 6. Expenses and Reimbursement.**

Actual out-of-pocket expenses for travel and participation in on-site meetings are in addition to the Services Fees outlined in Section 4 herein, however, will be included in the calculation of the Service Fee Limit. Travel costs such as airfare, hotel, ground transportation, or meals (hereinafter, "Expenses") will be billed in the amount incurred by TEA for actual out-of-pocket cost, without any additional mark-up by TEA. Any Expenses incurred shall be billed for the month in which the Expenses are incurred. Air travel will be purchased at coach class fares, with advance purchase discounted tickets used when scheduling permits. Expense reports detailing all Expenses, along with receipts, shall be presented to CPA for reimbursement.

**Section 7.      Settlement, Billing, and Payment Terms.****Section 7.1      Direct CPA Counterparties.**

During the First Amended Task Order 3 Term, TEA shall not be responsible for credit support or payments for Transactions for CPA with counterparties, other than obligations related to CAISO, as more particularly described in Task Order 1 for Scheduling Coordinator and CRR Management Services (“Task Order 1”).

**Section 7.2      Hourly Billing and Payments.**

TEA billable hourly fees, if any, will be tracked and itemized for each month in which TEA services are performed under this First Amended Task Order 3. TEA will bill CPA on a monthly basis for the amount of fees owed as Service Fees, or other billable hourly fees (hereinafter, “Compensation”) pursuant to Section 4 of this First Amended Task Order 3, plus Expenses, if any. Such billable amounts may be (i) itemized on the same monthly invoice(s) related to Task Order 1, or (ii) billed by TEA on an individual invoice for Services related to the First Amended Task Order 3.

For Service Fees due under this First Amended Task Order 3, CPA shall pay each invoice no later than thirty (30) days (each an “Invoice Due Date”) after receiving the invoice from TEA. CPA will send payment as designated in Section 7.3 herein, or as otherwise designated by TEA.

**Section 7.3      Notices and Invoices.**

TEA shall submit all correspondences and invoices under the RMA and First Amended Task Order 3 to:

Clean Power Alliance  
Attn: Ted Bardacke  
555 West 5<sup>th</sup> Street, 35<sup>th</sup> Floor  
Los Angeles, CA 90013  
Email: [accountspayable@cleanpoweralliance.org](mailto:accountspayable@cleanpoweralliance.org) (invoices)  
Email: [tbardacke@cleanpoweralliance.org](mailto:tbardacke@cleanpoweralliance.org) (notices)

Unless otherwise provided by TEA, CPA will send payment via electronic funds transfer to TEA’s bank account addressed to:

The Energy Authority, Inc.  
301 W. Bay Street, Suite 2600  
Jacksonville, Florida 32202  
Attention: Daina Dean, Accounting

The Parties agree to cooperate to develop and supplement the procedures related to billing and payments for the orderly implementation of Sections 7.1 through 7.3 herein; provided, however, that nothing herein shall require either Party to agree to an amendment to the terms of those sections of this First Amended Task Order 3.

**Section 7.4 CPA Failure to Pay.**

CPA's failure to make timely payments for undisputed amounts to TEA under this First Amended Task Order 3 before or on each Invoice Due Date, may be considered a breach of the payment terms of this First Amended Task Order 3. In the event such a breach is not cured within thirty (30) calendar days (the "Cure Period") following written notice by TEA of the past due invoice amount, then CPA shall be in default (an "Event of Default"). Notwithstanding the foregoing, if the payment of the past due amount would result in the Service Fees Limit being exceeded, then the Cure Period for payment shall be increased to sixty (60) calendar days, to allow payment authorization at the next CPA board meeting. Upon the occurrence of an Event of Default, TEA may, without waiving any other remedies:

- (a) Apply a late fee amount to invoices past due, as allowable, under Section 7.5 herein; and/or
- (b) Give notice of Termination of this First Amended Task Order 3 and all services provided for herein pursuant to the process set forth in Section 3.2 herein.

**Section 7.5 Late Payments.**

Any payment for Services under the First Amended Task Order 3 that is not received by TEA on or before the Invoice Due Date required may incur a late fee, and be subject to Cure Period. The late fee shall be calculated by multiplying the total undisputed outstanding balance by the lesser of (i) the Interest Rate (as described in RMA Section 25.2), or (ii) the maximum rate allowable by state law for the number of days which the balance remains outstanding (the "Late Fee").

**Section 8. Billing Rates**

The TEA Billing Rates shown in the table below are applicable to any work performed by TEA under the First Amended Task Order 3 for which TEA is compensated on the basis of actual hours worked by TEA staff. Billing rates are fixed for the term of this First Amended Task Order 3.

<b>TEA 2019 Billing Rates</b>	
<b>Job Group</b>	<b>Billing Rate \$/hour</b>
Principal Consultant	\$315
Senior Consultant / Project Manager	\$265
Consultant	\$195
Analyst	\$155
Clerical	\$95

**Section 9. Functions Performed by CPA.**

Unless otherwise mutually agreed to by the Parties, activities not expressly provided for herein are considered not within the scope of services for this First Amended Task Order 3 and shall not be performed by TEA, unless otherwise addressed in a separate Task Order or an amendment to this First Amended Task Order-3.

**Section 10. Amendment.**

This First Amended Task Order 3 may only be amended by an instrument in writing signed by each Party's authorized representative.

**Section ~~10~~11. Compliance with CPA Policies**

TEA shall comply with any policies, requirements, forms, or other documents governing contractor conduct that CPA may issue from time to time, and that are relevant to the provision of Services under this First Amended Task Order 3.

**Section 12. No Recourse Against Constituent Members of CPA**

CPA is organized as a Joint Powers Authority in accordance with the Joint Exercise of Powers Act of the State of California (Government Code Section 6500, et seq.) pursuant to the Joint Powers Agreement and is a public entity separate from its constituent members. CPA shall solely be responsible for all debts, obligations, and liabilities accruing and arising out of this First Amended Task Order 3. Contractor shall have no rights and shall not make any claims, take any actions or assert any remedies against any of CPA's constituent members in connection with this First Amended Task Order 3.

*[Signature Page to Follow]*

**IN WITNESS WHEREOF**, the Parties hereto have caused this First Amended Task Order 3 to be executed by their respective duly authorized representatives as of the date written in the first paragraph of this First Amended Task Order 3.

**CLEAN POWER ALLIANCE OF  
SOUTHERN CALIFORNIA**

By: \_\_\_\_\_

Name: Theodore Bardacke

Its: Executive Director

Date: \_\_\_\_\_

**THE ENERGY AUTHORITY, INC.**

By: \_\_\_\_\_

Name: Joanie C. Teofilo

Its: President and CEO

Date: \_\_\_\_\_

ATTEST:

By: \_\_\_\_\_

Name: Nancy Whang

Title: General Counsel

Date: \_\_\_\_\_



## Staff Report – Item 3

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**To:** Clean Power Alliance (CPA) Board of Directors  
**From:** Nancy Whang, General Counsel  
**Approved By:** Ted Bardacke, Executive Director  
**Subject:** Approve Policy No. 10 on Vendor Communications  
**Date:** June 6, 2019

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### **RECOMMENDATION**

Approve Policy No. 10 (attached) regarding Vendor Communications.

### **BACKGROUND**

On February 20, 2019, the Executive Committee requested CPA staff to develop a vendor communication policy. On March 20 and April 17, 2019, the Executive Committee considered and provided input on two iterations of the draft Vendor Communication Policy (Policy).

The current version of the Policy was previewed to the Board in the General Counsel Update on May 2. Board members were invited at that time to provide feedback to the General Counsel.

The attached Policy reflects the input provided by the Executive Committee and the Board.

**Attachment:** 1) Vendor Communication Policy No. 10



## Policy No. 10 on Vendor Communication

The Clean Power Alliance of Southern California ("CPA"), in recognition of its mission and priorities, enacts this Policy on Vendor Communication ("Policy").

### (1) Definitions.

As used in this Policy, the following terms shall have the following meanings:

- a) A "**Vendor**" includes any bidder, proposer, provider, contractor, subcontractor, or consultant, including each of their respective agents, consultants, or lobbyists, who is seeking to do business or is doing business with CPA.
- b) A "**Director**" shall include a Regular or Alternate Director.
- c) A "**financial relationship**" means a relationship where the financial effect on a Vendor or Director, or Vendor or Director's immediate family is distinguishable from its effect on the public generally. For example, an investment worth one thousand dollars (\$1,000) or more or a business entity in which the Director or Staff holds a position of management.

### (2) Director Duties

- a) A Director shall not communicate or participate in discussions, whether oral or in writing, with any Vendor, who a Director knows or has reason to know is a Vendor, regarding any specific CPA procurement or contract of any kind, except (i) during a duly-noticed meeting or (ii) when a Director is required to attend a mediation, arbitration, or other similar proceeding, provided that the Director's attendance at a proceeding is determined to be necessary by the General Counsel. A Director shall direct any such Vendor inquiries and requests to CPA Staff.
- b) No Director shall make, participate in making, or in any way attempt to use his or her official position to influence a decision on a specific CPA procurement or contract if a Director has communicated or participated in discussions specified in (2)(a), above.
- c) A Director shall disclose to the Board any communications or discussions with a Vendor when that communication or discussion leads to or results in CPA commencing a specific procurement or CPA entering into a specific contract.
  - i. The disclosure shall occur at a duly-noticed meeting of the Board when the Director knows or has reason to know that a communication or discussion with a Vendor has resulted in a specific CPA procurement or contract and that procurement or contract has been presented to the Board for a decision.

- ii. The disclosure shall include the name of the party or parties who participated; date, time, and location of the communication or discussion; and whether it was oral, written, or a combination of both; and a summary of the communication.
- d) A Director is obligated to report to the General Counsel any facts made known to the Director which shows that a Vendor, who a Director knows or has reason to know is a Vendor, has engaged in business practices regarding a CPA specific procurement or contract which may violate this Policy.

### **(3) Vendor Duties**

- a) A Vendor shall not communicate with or participate in discussions, whether oral or in writing, with a Director regarding any specific CPA procurement or contract of any kind except (i) during a duly-noticed meeting or (ii) when a Vendor is required to attend a mediation, arbitration, or other similar proceeding where a Director is in attendance.
- b) Duty to Disclose:
  - i. Each Vendor has an obligation to promptly disclose in writing to the General Counsel if any of the following become known to the management of the Vendor:
    - 1. Any financial relationship between the Vendor and a Director or CPA Staff;
    - 2. Any financial or close personal relationship between any officers, directors or key employees of the Vendor and a Director or CPA Staff;
    - 3. Any outstanding offer of employment to, or the current or former employment of any current or former Director or CPA Staff by the Vendor; or
    - 4. Any campaign contributions exceeding two-hundred fifty dollars (\$250) made by or on behalf of the Vendor to any current Director within the previous two (2) years. This disclosure shall be in addition to the disclosure required in the Vendor Campaign Contribution Disclosure Form
  - ii. The duty to disclose as described herein exists prior to and during any procurement or term of contract and regardless of whether the facts constitute an actual conflict of interest under any law.
- c) A Vendor's duties specified herein shall be in addition to any policies, requirements, forms, or other guidance documents that CPA may issue from time to time.
- d) Any violation of this section by a Vendor shall constitute sufficient cause for CPA, in its sole discretion, to terminate a contract with a Vendor, to decline to do business with a Vendor, to disqualify a Vendor from a pending procurement, or to take any other action as CPA may decide.





## Staff Report – Agenda Item 4

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**To:** Clean Power Alliance (CPA) Board of Directors

**From:** Christian Cruz, Community Outreach Manager

**Approved By:** Ted Bardacke, Executive Director

**Subject:** Appoint One Member to the Community Advisory Committee for 2019-2020 Representing Unincorporated Los Angeles County and remove one member representing the South Bay.

**Date:** June 6, 2019

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### **RECOMMENDATION**

Appoint one member to the Community Advisory Committee (CAC) for 2019-2020 to represent unincorporated Los Angeles County, direct staff to remove a South Bay representative, and continue to seek applicants for the two South Bay vacancies.

### **SUMMARY**

On June 7, 2018, the Board of Directors approved a structure for the CAC, which will provide input to the CPA Board of Directors on various policy and planning issues as well as be a voice for CPA in their respective communities. Staff worked with member jurisdictions and stakeholders to solicit interest in the CAC through an outreach campaign, which produced a candidate pool for six of the seven geographic regions for the CAC.

On November 15, the Board of Directors moved forward with the appointment process for 13 qualified candidates in the six regions. Staff was directed to continue working to fill the remaining two vacancies representing Unincorporated Los Angeles County. In addition, in January one of the CAC members representing the South Bay resigned from the CAC due to work obligations.

On February 7, the Board appointed one member to the unincorporated LA County CAC position, which left one remaining for that region. Staff continued seeking qualified

applicants, received several applications, and is now recommending the Board appoint the second member to the unincorporated LA County CAC position.

### **RECOMMENDED CAC CANDIDATE**

The following Unincorporated Los Angeles County CAC applicant is being recommended by CPA staff for the Board's consideration. CAC members are appointed for a two-year term. This recommendation is based on a review of three applications and consultation with the First District Supervisorial Office, as well as the County's Chief Sustainability Officer and CPA Board Alternate, Gary Gero. An application summary for the recommended candidate is provided as an attachment to this staff report.

<b>APPLICANT FOR CONSIDERATION</b>	
<b>Unincorporated LA County</b> 1 position available. 3 applicants.  Recommended appointment: <ul style="list-style-type: none"> <li>Kristie Hernandez</li> </ul> Appointed member: <ul style="list-style-type: none"> <li>Neil Fromer</li> </ul>	
<b>APPOINTED CAC MEMBERS</b>	
<b>East Ventura/West LA County</b> <i>(Agoura Hills, Camarillo, Calabasas, Moorpark, Simi Valley, Thousand Oaks)</i>  Appointed members: <ul style="list-style-type: none"> <li>Angus Simmons</li> <li>Laura Brown</li> <li>Rocio Gonzalez</li> </ul>	<b>San Gabriel Valley</b> <i>(Alhambra, Arcadia, Claremont, Sierra Madre, South Pasadena, Temple City)</i>  Appointed members: <ul style="list-style-type: none"> <li>Richard Tom</li> <li>Robert Parkhurst</li> </ul>
<b>West/Unincorporated Ventura County</b> <i>(Ojai, Oxnard, Ventura, Unincorporated Ventura County)</i>  Appointed members: <ul style="list-style-type: none"> <li>Lucas Zucker</li> <li>Steven Nash</li> </ul>	<b>South Bay</b> <i>(Carson, Hawthorne, Manhattan Beach, Redondo Beach, Rolling Hills Estates)</i>  Appointed members: <ul style="list-style-type: none"> <li>Vacant</li> <li>William Larson</li> </ul>
<b>Gateway Cities</b> <i>(Downey, Hawaiian Gardens, Paramount, Whittier)</i>  Appointed members: <ul style="list-style-type: none"> <li>Jaime Abrego</li> <li>Jordan Salcido</li> </ul>	<b>Westside</b> <i>(Beverly Hills, Culver City, Malibu, Santa Monica, West Hollywood)</i>  Appointed members: <ul style="list-style-type: none"> <li>Cris Gutierrez</li> <li>David Haake</li> </ul>

**REMOVAL OF CURRENT CAC MEMBER**

Staff is also recommending the removal of the remaining South Bay representative. The CAC has held four meetings beginning in February 2019. As outlined in the bylaws, a CAC member may be removed by a majority vote of the Board, with or without cause. In this instance the member has missed four consecutive meetings which would be cause for removal. Staff is in the process of reviewing applications that have been received for the South Bay and will recommend two new candidates at the July 18 Board meeting.

**Attachment:** 1) CAC Unincorporated LA County Applicant Summary



## Community Advisory Committee Applicant Summary

**Candidate:** Kristie Hernandez    **Subregion:** Unincorporated LA County    **Eligible Candidate:** Yes

### Section 1: Personal Information

- A. Home Address: East Los Angeles, CA
- B. Occupation: Director, Government and External Affairs, University of California Los Angeles

### Section 2: Qualifications

- A. *Experience serving on advisory committees / public commission / similar bodies:*
  - Facilitated internal/external communications as DoD liaison to Congress and other government bodies to mitigate high profile and sensitive legislative activity with elevated Congressional interest
- B. *Experience with outreach or community leadership:*
  - As a Director at UCLA, maintain and foster relations within UCLA and relevant external communities to promote, and to help facilitate, the veteran-related efforts and programs of the University
- C. *Experience or expertise in energy field:*
  - Other than being a homeowner and community leader who advocates for local environmental issues, I have not served in the energy field in a professional capacity.
- D. *Other skills / knowledge / experience to bring to Committee:*
  - Influenced and analyzed community health care public policy; developed and implemented advocacy efforts at all levels of government (federal, state and local); briefed staff and patients on legislation and public policy priorities; and trained staff on civic engagement and advocacy best practices.

### Section 3: Additional Information

- *Why you are interested / what you hope to achieve:*
  - As a local homeowner, community leader and professional, I believe community members should be involved in local policy making that directly impacts our local economy and quality of life.
  - The Community Advisory Committee is an opportunity to stay engaged and serve as an advocate and liaison for both the community at large and the committee.
- *All affiliations / councils / committees currently a member of:*
  - Greater East Los Angeles Community Advisory Committee
  - Weingart East Los Angeles YMCA
  - East Los Angeles Sheriffs Community Advisory Council
  - Eastmont Community Center
  - UCLA Alumni Association
  - USC Alumni Association
  - USC Latino Alumni Association
  - Obama Administration Latino Alumni Association
- *List other languages / ability to support non-English speaking communities:*
  - Spanish
- *Anything else you would like CPA to know:*

### Section 4: Commitment

- *Ability to make commitment:*
  - As a potential member of the Clean Power Alliance Committee, I will do my best to fulfill my commitment and attend all meetings as scheduled by the Board.
- *Signed to certify electric holder in CPA service territory and meet eligibility requirements? Yes.*



## Staff Report – Agenda Item 5

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**To:** Clean Power Alliance (CPA) Board of Directors  
**From:** Christian Cruz, Community Outreach Manager  
**Approved By:** Ted Bardacke, Executive Director  
**Subject:** Community Advisory Committee (CAC) May 2019 Report  
**Date:** June 6, 2019

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### **SUMMARY**

On May 9, the Clean Power Alliance's Community Advisory Committee (CAC) held its monthly meeting. During this meeting, ARUP, the CPA programs consultant, conducted a local programs goals and priorities input session with the CAC. As part of this input session, CAC members provided feedback on successful outreach strategies, potential cooperative opportunities, and criteria to select programs. The Committee also provided feedback on the type of materials that should be utilized to engage stakeholders effectively and ensure high attendance at the local program's workshops, that ARUP will be initiating. The Committee felt it important that the consultants also provide enough information to stakeholders to educate them on the energy sector and current programs that have been implemented in other CCA territories.

Additionally, the CAC received an update on the current opt actions for Phase 4 commercial enrollment, as well as a review of the CPA DER Pilot Project.

Finally, the CAC is scheduled to meet on June 13, and ARUP, in conjunction with CPA staff, will provide a deep dive on local programs and request the Committee provide additional feedback.

**Attachment:** 1) CAC Meeting Attendance

## Community Advisory Committee Attendance

	2018						2019					
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
<b>East Ventura/West LA County</b>												
Angus Simmons								✓	✓	✓	✓	
Laura Brown								✓	A	✓	A	
Rocio Gonzalez								✓	A	A	A	
<b>San Gabriel Valley</b>												
Richard Tom								✓	A	✓	✓	
Robert Parkhurst								✓	✓	✓	✓	
<b>West/Unincorporated Ventura County</b>												
Lucas Zucker								✓	✓	A	✓	
Steven Nash								✓	✓	✓	✓	
<b>South Bay</b>												
<b>Vacant</b>												
William Larson								A	A	A	A	
<b>Gateway Cities</b>												
Jaime Abrego								✓	A	✓	A	
Jordan Salcedo								✓	A	✓	✓	
<b>Westside</b>												
Cris Gutierrez								✓	✓	A	✓	
David Haake								A	✓	✓	✓	
<b>Unincorporated LA County</b>												
Neil Fromer									A	✓	✓	
<b>Vacant</b>												

**Major Action Items and Presentations*****February***

CPA Rate Development

Communications and Outreach

Long Term Renewables Request for Offers (RFO)

Voyager Scholarship Program

Committee Procedures - Chair and Vice Chair Elections

***March***

Voyager Scholarship Program

Upcoming Activities and Operations

***April***

Voyager Scholarship Program Final Recommendation

Chair and Vice Chair Elections

***May***

ARUP Local Programs Goals and Priorities CAC input Session



## Staff Report – Agenda Item 6

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**To:** Clean Power Alliance (CPA) Board of Directors

**From:** Matthew Langer, Chief Operating Officer

**Approved By:** Ted Bardacke, Executive Director

**Subject:** Adopt Resolution No. 19-06-010 to Approve 2019 Rates for Phase 1 & 2 Non-Residential Customers, Resolution No. 19-06-011 to Approve 2019 Rates for Phase 4 Non-Residential Customers, and Resolution No. 19-06-012 to Approve 2019 Rates for Phase 3 Residential Customers

**Date:** June 6, 2019

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### **RECOMMENDATIONS**

1. Adopt Resolution No. 19-06-010 (Attachment 1) to approve adjusted 2019 rates for Phases 1 & 2 non-residential customers;
2. Adopt Resolution No. 19-06-011 (Attachment 2) to approve adjusted rates for Phase 4 non-residential customers; and
3. Adopt Resolution No. 19-06-012 (Attachment 3) to approve adjusted 2019 rates for Phase 3 residential customers.

### **CONTEXT**

CPA has just completed its major enrollment year, which began in June 2018 and concluded this past May. CPA is now the largest CCA in the state. During this time, the organization has experienced several SCE rate changes, a major structural change to time-of-use periods, the restructuring of the PCIA and a special PCIA increase to account for SCE's \$825 million undercollection in 2018.<sup>1</sup>

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<sup>1</sup> SCE's improper conduct during the undercollection process is now subject to a penalty phase at the CPUC. CPA Executive Director Ted Bardacke has provided sworn statements in the penalty phase.

During this past year, CPA has kept intact both its approved bill comparisons with SCE and the environmental commitments embodied in its three rate offerings. Delivering on these commitments is important to CPA's core value proposition of offering a choice to over one million customers of cleaner power at competitive rates.

CPA's low opt-out rates across all rate products reflects the strength of that value proposition and of the CCA business model. In the coming years, CPA intends to also achieve rate stability, with just one rate change per year, as is standard among CCAs in California.

In the meantime, CPA staff is proposing to adjust rates for all customers in response to another SCE rate change, which SCE announced on May 29 and was implemented on June 1. This SCE rate increase was lower than expected. To ensure CPA maintains its strong fiscal position, CPA staff is proposing to both increase net energy revenues and to reduce energy costs.

To increase net energy revenues, staff is proposing an additional rate adjustment for a small subset of large energy users that would take effect in October 2019. This will result in rates for these customers that fall outside the ranges previously approved by the Board. As previously communicated with the Board, absent corrective action, CPA's residential and small business customers would be subsidizing these large energy users at an unsustainable level. Details on this rate adjustment proposal are provided later in this report.

Addressing these subset customers is only one part of keeping CPA's finances strong. Staff is also recommending to reduce energy costs by using unbundled Renewable Energy Certificates (RECs) in 2019 to meet a small portion of the RPS commitments for the Lean and Clean rate products. Staff estimates that unbundled RECs will make up less than 10% of CPA's total energy mix and the Clean product will continue to have a lower GHG emissions content than SCE. The 100% Green product will not include any unbundled RECs. The lower cost of energy is reflected in the Proposed Budget in Item 7.



Together, the rate proposal to have large energy users cover their cost of service and the reduction of energy costs through the temporary use of unbundled RECs for the Lean and Clean rate products puts CPA on firm financial footing for the coming year.

### **OTHER OPTIONS CONSIDERED**

In developing this pair of proposals, staff considered several other options. On the revenue side, it would be possible to implement a broad-based rate increase on all customers, above and beyond matching SCE's June 1 rate increase. This option was not selected because: a) it would leave the subsidy of large energy users by residential and small business customers intact; and b) it is less disruptive to exceed CPA's approved bill comparisons for less than 1% of CPA's customers while they still have the opportunity to opt-out with no risk rather than implement an immediate rate increase outside of the approved ranges for all customers so soon after enrollment.

On the cost side, staff considered the option of reducing renewable energy purchases across the board. This option was not selected because: a) it would have undermined the value of the 100% Green rate that customers are paying a premium for; and b) it would have pushed the renewable content of the Lean and Clean rate products to levels below those offered by SCE for its base product.

Staff recognizes that CPA's Joint Powers Agreement "discourages the use of unbundled renewable energy credits." However, the two recommended actions enable CPA to maintain bill comparisons for over 99% of CPA customers, maintain RPS levels for Lean and Clean, keep the 100% Green rate product intact with no unbundled RECs, and place CPA on solid financial footing.

### **RATE PROPOSAL**

On April 4, 2019, the Board approved Resolution No. 19-04-005 to adopt updated 2019 rates for existing non-residential customers (Phases 1 & 2), Resolution No. 19-04-006 to adopt 2019 rates for future non-residential customers (Phase 4), and Resolution No. 19-04-007 to adopt updated 2019 rates for residential customers (Phase 3). Those rate

updates were driven mainly by SCE's April 12 rate increase to all customers, in order to implement the "trigger" caused by its 2018 Energy Resource Recovery Account (ERRA) undercollection of \$825 million.

Staff is seeking Board approval to adjust rates for all CPA customers effective June 1. The proposed rate adjustment is driven by SCE's implementation of its 2019 ERRA Forecast revenue requirement, which resulted in an increase of approximately 3.4% to the total average rate paid by SCE bundled customers, effective June 1. CPA staff is proposing to adjust its rates to follow this rate increase in order to maintain the stated bill comparison ranges for most customers and to continue to generate the revenue needed to cover costs.

In addition, staff is seeking the Board's approval to modify the rate comparison ranges for a small subset of commercial rate classes ("subset customers") in order to ensure rates adequately cover the cost to serve these customers.

### **SUBSET CUSTOMER IMPACT**

Over the course of 2019, CPA has adjusted rates for its customers each time SCE has changed its rates with the goal of having customers' bills fall within specified discounts or premiums compared to SCE rates, depending on which rate tier a customer chooses:

- Lean Power, which provides 36% renewable energy at a 1-2% discount
- Clean Power, which provides 50% renewable energy at a 0-1% discount
- 100% Green Power, providing 100% renewable energy at a 7-9% premium

Given the combined effect of SCE's many recent rate changes, CPA staff is presenting rates for Phase 4 customers that reflect adjustments to the rate tier discount/premium ranges for accounts in the TOU-8, TOU-GS-3, TOU-PA-2 and TOU-PA-3<sup>2</sup> rate classes. This group of customers represents less than 1% of Clean Power Alliance's eligible customer base. For these accounts, CPA rates would stay within the three rate tier ranges

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<sup>2</sup> The TOU-8 rate covers the largest energy users; GS-3 covers medium-to-large energy users; PA2 and PA3 cover medium-to-large agricultural and pumping customers.

for the summer months (June-September) when energy rates are highest but be outside those ranges in the winter months (January-May, October-December) when energy rates are lowest. These higher winter rates will therefore not go into effect this year until October 1, allowing customers an opportunity to opt-out before the end of their 60-day post enrollment period, which ends in July for most Phase 4 customers.

Staff is asking the Board to consider this change because matching SCE's new rates for TOU-8, TOU-GS-3, TOU-PA2 and TOU-PA3 customers is expected to result in a significant revenue shortfall compared to the cost to serve these customers – particularly in the winter months. Sustaining such rates would require residential and small commercial customers to subsidize large commercial, industrial, and pumping and agricultural customers.

The table below summarizes the proposed bill premiums for the Phase 4 subset rate types.

Rate Type	Bill Premiums for Winter Rates (approximate)			Bill Premiums for Summer Rates (approximate)		
	Lean	Clean	100% Green	Lean	Clean	100% Green
<b>TOU-GS-3</b>	16%	18%	19%	-1%	0%	9%
<b>TOU-PA-2</b>	21%	24%	24%	-1%	0%	9%
<b>TOU-PA-3</b>	32%	35%	37%	-1%	0%	9%
<b>TOU-8-SEC</b>	19%	21%	23%	-1%	0%	9%
<b>TOU-8-PRI</b>	23%	26%	27%	-1%	0%	9%
<b>TOU-8-SUB</b>	26%	29%	32%	-1%	0%	9%

The winter rate premiums above result in total annual revenue from each customer group sufficient to cover CPA costs including contributions to reserves. The relative increase to winter rates for 100% Green customers is smaller compared to that of Lean and Clean because their rates generate more revenue for CPA during the summer months. Therefore the amount by which their winter rates must be increased to recover their annual cost to serve is lower.

### **IMPACT TO LIGHTING RATES**

CPA staff has also reevaluated the rate tier discount/premium ranges for accounts dedicated to street and outdoor lighting in the LS-1, LS-2, LS-3, AL-2, and OL-1 rate classes.<sup>3</sup> For lighting accounts on these rates, the new proposed CPA rates will fall outside of the three rate tier ranges year-round. This is because for most lighting types, there is no differentiation between summer and winter rates. The exception is AL-2 customers with accounts on time-differentiated lighting rates. Without this change, matching SCE's new lighting rates would also result in a significant revenue shortfall for CPA, in part due to an 89,600% increase in the lighting PCIA. CPA staff is recommending that these lighting rate changes become effective July 1 to allow customers time if they choose to opt out before being charged the higher rates.

Customers on TC rates (traffic control) will continue to be served by CPA at rates based on the previously approved rate ranges.

The table below summarizes the bill impacts for the Phase 4 lighting rates year-round.

	<b>New Bill Premiums (approximate)</b>			<b>Previous Bill Premiums (approximate)</b>		
<b>Rate Type</b>	<b>Lean</b>	<b>Clean</b>	<b>100% Green</b>	<b>Lean</b>	<b>Clean</b>	<b>100% Green</b>
<b>LS-1, LS-2, LS-3, OL-1, and AL-2 (winter only)</b>	37%	40%	47%	-1%	0%	9%

### **Bifurcation due to ERRA Trigger**

On January 31, the CPUC approved SCE's request to recover part of its costs related to its \$825 million 2018 undercollection from departing CPA customers through the PCIA. This retroactive cost recovery is known as the "trigger." Implementation of the trigger by SCE resulted in a one-year increase to the PCIA for customers who enrolled in 2019. Phase 1 and 2 customers, because they enrolled in 2018, are charged a lower PCIA by

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<sup>3</sup> The LS-1, LS-2, and LS-3 rates cover street and highway lighting; AL-2 and OL-1 rates cover outdoor area lighting.

SCE than Phase 4 customers. This difference is accounted for in CPA's rates so that all customers on the same rate schedule pay the same net rate after taking into account the PCIA. CPA will continue to "bifurcate" its commercial rates until the trigger goes away (currently expected in April 2020), which is the reason for separate Resolutions adopting rates for Phase 1 and 2 customers and Phase 4 customers.

### **Demand Response Rate Pilot**

Staff is also presenting new commercial demand response rates for Board approval. CPA staff is requesting approval of these rates in order to administer a limited 5 month "Peak Management Program" on a pilot basis, similar in structure to the SCE Critical Peak Pricing program. Participating commercial customers would receive an incentive in the form of credits to offset their summer on-peak demand charges. During peak energy "events" CPA will apply a per kWh surcharge to customer bills. Events coincide with the peak time of use period (4pm – 9pm), when energy is most expensive, and can be called in response to high energy prices, grid emergencies, or during heat events. Participating customers will be notified of events by CPA a day in advance, so they can prepare to manage their electricity demand during the event period to avoid or lessen the energy surcharge.

The pilot program will run from July 1 – November 30, 2019. The pilot program will be open to Phase 4 commercial customers on select rate types. The pilot will also offer bill protection to ensure that customers will not pay more on the new rate than they would have paid otherwise on their normal rate, thereby eliminating financial risk of participation in the pilot.

The intent of the pilot will be to evaluate customer responsiveness during events, revenue impacts of such a program, and the customer experience, to better customize the program for CPA in anticipation of scaling up participation next year.

**Attachments:**

- 1) Resolution 19-06-010
- 2) Resolution 19-06-011
- 3) Resolution 19-06-012

**RESOLUTION NO. 19-06-010****A RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
CLEAN POWER ALLIANCE OF SOUTHERN CALIFORNIA  
TO APPROVE 2019 ADJUSTED RATES FOR PHASES 1 & 2 FOR NON-  
RESIDENTIAL CUSTOMERS****THE BOARD OF DIRECTORS OF THE CLEAN POWER ALLIANCE OF SOUTHERN  
CALIFORNIA DOES HEREBY FIND, RESOLVE, AND ORDER AS FOLLOWS:**

**WHEREAS**, the Clean Power Alliance of Southern California (formerly known as Los Angeles Community Choice Energy Authority) ("Clean Power Alliance" or "CPA") was formed on June 27, 2017; and

**WHEREAS**, the CPA Board of Directors directed staff to procure power supply to provide three energy products (36% renewable, 50% renewable, and 100% renewable) and maximize non-emitting energy resources for the non-renewable portions of the portfolio; and

**WHEREAS**, the CPA Board of Directors also sought to set rates that are lower or competitive with those offered by Southern California Edison (SCE) for similar products and provide price stability; and

**WHEREAS**, SCE is implementing rate changes requiring adjustments by CPA to remain within approved bill comparison ranges for Phase 1 & 2 rate schedules for non-residential customers; and

**WHEREAS**, SCE rate changes are effective as of June 1, 2019.

**NOW THEREFORE, BE IT DETERMINED, ORDERED, AND RESOLVED, BY  
THE BOARD OF DIRECTORS OF THE CLEAN POWER ALLIANCE OF SOUTHERN  
CALIFORNIA THAT:**

1. The proposed Phases 1 & 2 rate schedules as presented in Attachment 1 are hereby approved effective as of June 1, 2019.

**APPROVED AND ADOPTED this \_\_\_\_ day of \_\_\_\_\_ 2019.**

\_\_\_\_\_  
Chair

**ATTEST:**

\_\_\_\_\_  
Secretary

Clean Power Alliance  
2019 Phase 1 and 2 Non-residential Rate Schedules  
Attachment 1 to Resolution 19-06-010

CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN
AL-2-F	2017	Energy	All_Year	Total	\$ 0.03810	\$ 0.03908	\$ 0.04746
AL-2-GF	2017	Energy	Summer	Off-Peak	\$ 0.03810	\$ 0.03908	\$ 0.04746
AL-2-GF	2017	Energy	Summer	On-Peak	\$ 0.12017	\$ 0.12288	\$ 0.14590
AL-2-GF	2017	Energy	Winter	Off-Peak	\$ 0.03810	\$ 0.03908	\$ 0.04746
AL-2-GF	2017	Energy	Winter	On-Peak	\$ 0.07071	\$ 0.07240	\$ 0.08677
LS-1	2017	Energy	All_Year	Total	\$ 0.03759	\$ 0.03857	\$ 0.04686
LS-3	2017	Energy	All_Year	Total	\$ 0.03810	\$ 0.03908	\$ 0.04746
TC-1	2017	Energy	All_Year	Total	\$ 0.06135	\$ 0.06283	\$ 0.07538
TOU-8-PRI-B	2017	Energy	Summer	Off-Peak	\$ 0.03835	\$ 0.03935	\$ 0.04789
TOU-8-PRI-B	2017	Energy	Summer	Mid-peak	\$ 0.03982	\$ 0.04086	\$ 0.04965
TOU-8-PRI-B	2017	Energy	Summer	On-Peak	\$ 0.04376	\$ 0.04487	\$ 0.05436
TOU-8-PRI-B	2017	Energy	Winter	Off-Peak	\$ 0.03190	\$ 0.03277	\$ 0.04018
TOU-8-PRI-B	2017	Energy	Winter	Mid-peak	\$ 0.05991	\$ 0.06136	\$ 0.07367
TOU-8-PRI-B	2017	Demand	Summer	Mid-peak	\$ 5.11	\$ 5.21	\$ 6.11
TOU-8-PRI-B	2017	Demand	Summer	On-Peak	\$ 16.35	\$ 16.69	\$ 19.55
TOU-8-PRI-D	2017	Energy	Summer	Off-Peak	\$ 0.03331	\$ 0.03421	\$ 0.04186
TOU-8-PRI-D	2017	Energy	Summer	Mid-peak	\$ 0.05811	\$ 0.05952	\$ 0.07151
TOU-8-PRI-D	2017	Energy	Summer	On-Peak	\$ 0.06578	\$ 0.06735	\$ 0.08068
TOU-8-PRI-D	2017	Energy	Winter	Off-Peak	\$ 0.03782	\$ 0.03881	\$ 0.04725
TOU-8-PRI-D	2017	Energy	Winter	Super Off-Peak	\$ 0.02050	\$ 0.02114	\$ 0.02655
TOU-8-PRI-D	2017	Energy	Winter	Mid-peak	\$ 0.04705	\$ 0.04823	\$ 0.05829
TOU-8-PRI-D	2017	Demand	Summer	On-Peak	\$ 22.04	\$ 22.49	\$ 26.35
TOU-8-PRI-D	2017	Demand	Winter	Mid-peak	\$ 4.66	\$ 4.76	\$ 5.57
TOU-8-PRI-E	2017	Energy	Summer	Off-Peak	\$ 0.03338	\$ 0.03428	\$ 0.04195
TOU-8-PRI-E	2017	Energy	Summer	Mid-peak	\$ 0.05818	\$ 0.05959	\$ 0.07159
TOU-8-PRI-E	2017	Energy	Summer	On-Peak	\$ 0.29780	\$ 0.30415	\$ 0.35812
TOU-8-PRI-E	2017	Energy	Winter	Off-Peak	\$ 0.03788	\$ 0.03888	\$ 0.04733
TOU-8-PRI-E	2017	Energy	Winter	Super Off-Peak	\$ 0.02057	\$ 0.02121	\$ 0.02663
TOU-8-PRI-E	2017	Energy	Winter	Mid-peak	\$ 0.08221	\$ 0.08412	\$ 0.10034
TOU-8-PRI-E	2017	Demand	Summer	On-Peak	\$ 4.07	\$ 4.15	\$ 4.86
TOU-8-PRI-E	2017	Demand	Winter	Mid-peak	\$ 1.02	\$ 1.04	\$ 1.22

Energy rates are shown in \$/kWh and demand rates are shown in \$/kW.

Clean Power Alliance  
2019 Phase 1 and 2 Non-residential Rate Schedules  
Attachment 1 to Resolution 19-06-010

CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN
TOU-8-PRI-R	2017	Energy	Summer	Off-Peak	\$ 0.03835	\$ 0.03935	\$ 0.04789
TOU-8-PRI-R	2017	Energy	Summer	Mid-peak	\$ 0.07846	\$ 0.08029	\$ 0.09585
TOU-8-PRI-R	2017	Energy	Summer	On-Peak	\$ 0.21653	\$ 0.22120	\$ 0.26094
TOU-8-PRI-R	2017	Energy	Winter	Off-Peak	\$ 0.03190	\$ 0.03277	\$ 0.04018
TOU-8-PRI-R	2017	Energy	Winter	Mid-peak	\$ 0.05991	\$ 0.06136	\$ 0.07367
TOU-8-SEC-B	2017	Energy	Summer	Off-Peak	\$ 0.04061	\$ 0.04167	\$ 0.05065
TOU-8-SEC-B	2017	Energy	Summer	Mid-peak	\$ 0.04241	\$ 0.04350	\$ 0.05280
TOU-8-SEC-B	2017	Energy	Summer	On-Peak	\$ 0.04631	\$ 0.04749	\$ 0.05747
TOU-8-SEC-B	2017	Energy	Winter	Off-Peak	\$ 0.03318	\$ 0.03408	\$ 0.04176
TOU-8-SEC-B	2017	Energy	Winter	Mid-peak	\$ 0.05998	\$ 0.06144	\$ 0.07381
TOU-8-SEC-B	2017	Demand	Summer	Mid-peak	\$ 5.10	\$ 5.20	\$ 6.09
TOU-8-SEC-B	2017	Demand	Summer	On-Peak	\$ 15.81	\$ 16.13	\$ 18.90
TOU-8-SEC-D	2017	Energy	Summer	Off-Peak	\$ 0.03539	\$ 0.03634	\$ 0.04441
TOU-8-SEC-D	2017	Energy	Summer	Mid-peak	\$ 0.06173	\$ 0.06322	\$ 0.07590
TOU-8-SEC-D	2017	Energy	Summer	On-Peak	\$ 0.06984	\$ 0.07150	\$ 0.08560
TOU-8-SEC-D	2017	Energy	Winter	Off-Peak	\$ 0.04012	\$ 0.04116	\$ 0.05006
TOU-8-SEC-D	2017	Energy	Winter	Super Off-Peak	\$ 0.02187	\$ 0.02254	\$ 0.02825
TOU-8-SEC-D	2017	Energy	Winter	Mid-peak	\$ 0.04985	\$ 0.05109	\$ 0.06169
TOU-8-SEC-D	2017	Demand	Summer	On-Peak	\$ 22.30	\$ 22.76	\$ 26.67
TOU-8-SEC-D	2017	Demand	Winter	Mid-peak	\$ 4.36	\$ 4.45	\$ 5.21
TOU-8-SEC-E	2017	Energy	Summer	Off-Peak	\$ 0.03546	\$ 0.03641	\$ 0.04449
TOU-8-SEC-E	2017	Energy	Summer	Mid-peak	\$ 0.06180	\$ 0.06329	\$ 0.07598
TOU-8-SEC-E	2017	Energy	Summer	On-Peak	\$ 0.30581	\$ 0.31233	\$ 0.36774
TOU-8-SEC-E	2017	Energy	Winter	Off-Peak	\$ 0.04019	\$ 0.04123	\$ 0.05014
TOU-8-SEC-E	2017	Energy	Winter	Super Off-Peak	\$ 0.02194	\$ 0.02261	\$ 0.02833
TOU-8-SEC-E	2017	Energy	Winter	Mid-peak	\$ 0.08675	\$ 0.08876	\$ 0.10582
TOU-8-SEC-E	2017	Demand	Summer	On-Peak	\$ 4.89	\$ 4.99	\$ 5.85
TOU-8-SEC-E	2017	Demand	Winter	Mid-peak	\$ 0.91	\$ 0.93	\$ 1.09
TOU-8-SEC-R	2017	Energy	Summer	Off-Peak	\$ 0.04061	\$ 0.04167	\$ 0.05065
TOU-8-SEC-R	2017	Energy	Summer	Mid-peak	\$ 0.08335	\$ 0.08529	\$ 0.10176
TOU-8-SEC-R	2017	Energy	Summer	On-Peak	\$ 0.21745	\$ 0.22215	\$ 0.26210

Energy rates are shown in \$/kWh and demand rates are shown in \$/kW.



Clean Power Alliance  
2019 Phase 1 and 2 Non-residential Rate Schedules  
Attachment 1 to Resolution 19-06-010

CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN
TOU-8-SEC-R	2017	Energy	Winter	Off-Peak	\$ 0.03318	\$ 0.03408	\$ 0.04176
TOU-8-SEC-R	2017	Energy	Winter	Mid-peak	\$ 0.05998	\$ 0.06144	\$ 0.07381
TOU-8-SUB-B	2017	Energy	Summer	Off-Peak	\$ 0.03649	\$ 0.03745	\$ 0.04555
TOU-8-SUB-B	2017	Energy	Summer	Mid-peak	\$ 0.03773	\$ 0.03870	\$ 0.04703
TOU-8-SUB-B	2017	Energy	Summer	On-Peak	\$ 0.04164	\$ 0.04270	\$ 0.05171
TOU-8-SUB-B	2017	Energy	Winter	Off-Peak	\$ 0.03125	\$ 0.03210	\$ 0.03928
TOU-8-SUB-B	2017	Energy	Winter	Mid-peak	\$ 0.05986	\$ 0.06130	\$ 0.07350
TOU-8-SUB-B	2017	Demand	Summer	Mid-peak	\$ 5.16	\$ 5.26	\$ 6.16
TOU-8-SUB-B	2017	Demand	Summer	On-Peak	\$ 16.00	\$ 16.33	\$ 19.13
TOU-8-SUB-D	2017	Energy	Summer	Off-Peak	\$ 0.03214	\$ 0.03301	\$ 0.04035
TOU-8-SUB-D	2017	Energy	Summer	Mid-peak	\$ 0.05397	\$ 0.05528	\$ 0.06645
TOU-8-SUB-D	2017	Energy	Summer	On-Peak	\$ 0.06099	\$ 0.06245	\$ 0.07484
TOU-8-SUB-D	2017	Energy	Winter	Off-Peak	\$ 0.03669	\$ 0.03764	\$ 0.04579
TOU-8-SUB-D	2017	Energy	Winter	Super Off-Peak	\$ 0.01993	\$ 0.02054	\$ 0.02575
TOU-8-SUB-D	2017	Energy	Winter	Mid-peak	\$ 0.04537	\$ 0.04650	\$ 0.05616
TOU-8-SUB-D	2017	Demand	Summer	On-Peak	\$ 21.58	\$ 22.03	\$ 25.81
TOU-8-SUB-D	2017	Demand	Winter	Mid-peak	\$ 5.36	\$ 5.47	\$ 6.41
TOU-8-SUB-E	2017	Energy	Summer	Off-Peak	\$ 0.03221	\$ 0.03308	\$ 0.04043
TOU-8-SUB-E	2017	Energy	Summer	Mid-peak	\$ 0.05404	\$ 0.05535	\$ 0.06653
TOU-8-SUB-E	2017	Energy	Summer	On-Peak	\$ 0.29847	\$ 0.30482	\$ 0.35880
TOU-8-SUB-E	2017	Energy	Winter	Off-Peak	\$ 0.03675	\$ 0.03771	\$ 0.04587
TOU-8-SUB-E	2017	Energy	Winter	Super Off-Peak	\$ 0.02000	\$ 0.02061	\$ 0.02583
TOU-8-SUB-E	2017	Energy	Winter	Mid-peak	\$ 0.08645	\$ 0.08843	\$ 0.10528
TOU-8-SUB-E	2017	Demand	Summer	On-Peak	\$ 1.50	\$ 1.54	\$ 1.80
TOU-8-SUB-E	2017	Demand	Winter	Mid-peak	\$ 0.32	\$ 0.33	\$ 0.38
TOU-8-SUB-R	2017	Energy	Summer	Off-Peak	\$ 0.03649	\$ 0.03745	\$ 0.04555
TOU-8-SUB-R	2017	Energy	Summer	Mid-peak	\$ 0.07234	\$ 0.07403	\$ 0.08841
TOU-8-SUB-R	2017	Energy	Summer	On-Peak	\$ 0.20054	\$ 0.20487	\$ 0.24170
TOU-8-SUB-R	2017	Energy	Winter	Off-Peak	\$ 0.03125	\$ 0.03210	\$ 0.03928
TOU-8-SUB-R	2017	Energy	Winter	Mid-peak	\$ 0.05986	\$ 0.06130	\$ 0.07350
TOU-EV-7	2017	Energy	Summer	Off-Peak	\$ 0.07691	\$ 0.07872	\$ 0.09417

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Clean Power Alliance  
2019 Phase 1 and 2 Non-residential Rate Schedules  
Attachment 1 to Resolution 19-06-010

CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN
TOU-EV-7	2017	Energy	Summer	Mid-peak	\$ 0.11348	\$ 0.11605	\$ 0.13790
TOU-EV-7	2017	Energy	Summer	On-Peak	\$ 0.22311	\$ 0.22794	\$ 0.26899
TOU-EV-7	2017	Energy	Winter	Off-Peak	\$ 0.06904	\$ 0.07070	\$ 0.08477
TOU-EV-7	2017	Energy	Winter	Super Off-Peak	\$ 0.03317	\$ 0.03408	\$ 0.04187
TOU-EV-7	2017	Energy	Winter	Mid-peak	\$ 0.13307	\$ 0.13605	\$ 0.16133
TOU-EV-8	2017	Energy	Summer	Off-Peak	\$ 0.05508	\$ 0.05646	\$ 0.06812
TOU-EV-8	2017	Energy	Summer	Mid-peak	\$ 0.07210	\$ 0.07383	\$ 0.08847
TOU-EV-8	2017	Energy	Summer	On-Peak	\$ 0.30567	\$ 0.31220	\$ 0.36773
TOU-EV-8	2017	Energy	Winter	Off-Peak	\$ 0.06469	\$ 0.06626	\$ 0.07960
TOU-EV-8	2017	Energy	Winter	Super Off-Peak	\$ 0.02694	\$ 0.02773	\$ 0.03446
TOU-EV-8	2017	Energy	Winter	Mid-peak	\$ 0.11227	\$ 0.11482	\$ 0.13649
TOU-EV-PRI-9	2017	Energy	Summer	Off-Peak	\$ 0.04236	\$ 0.04345	\$ 0.05268
TOU-EV-PRI-9	2017	Energy	Summer	Mid-peak	\$ 0.05818	\$ 0.05959	\$ 0.07159
TOU-EV-PRI-9	2017	Energy	Summer	On-Peak	\$ 0.26010	\$ 0.26568	\$ 0.31304
TOU-EV-PRI-9	2017	Energy	Winter	Off-Peak	\$ 0.04693	\$ 0.04811	\$ 0.05815
TOU-EV-PRI-9	2017	Energy	Winter	Super Off-Peak	\$ 0.02057	\$ 0.02121	\$ 0.02663
TOU-EV-PRI-9	2017	Energy	Winter	Mid-peak	\$ 0.09198	\$ 0.09409	\$ 0.11202
TOU-EV-SEC-9	2017	Energy	Summer	Off-Peak	\$ 0.04551	\$ 0.04666	\$ 0.05650
TOU-EV-SEC-9	2017	Energy	Summer	Mid-peak	\$ 0.06180	\$ 0.06329	\$ 0.07598
TOU-EV-SEC-9	2017	Energy	Summer	On-Peak	\$ 0.27639	\$ 0.28230	\$ 0.33257
TOU-EV-SEC-9	2017	Energy	Winter	Off-Peak	\$ 0.05116	\$ 0.05243	\$ 0.06326
TOU-EV-SEC-9	2017	Energy	Winter	Super Off-Peak	\$ 0.02194	\$ 0.02261	\$ 0.02833
TOU-EV-SEC-9	2017	Energy	Winter	Mid-peak	\$ 0.09654	\$ 0.09875	\$ 0.11752
TOU-EV-SUB-9	2017	Energy	Summer	Off-Peak	\$ 0.03971	\$ 0.04073	\$ 0.04940
TOU-EV-SUB-9	2017	Energy	Summer	Mid-peak	\$ 0.05404	\$ 0.05535	\$ 0.06653
TOU-EV-SUB-9	2017	Energy	Summer	On-Peak	\$ 0.23470	\$ 0.23974	\$ 0.28255
TOU-EV-SUB-9	2017	Energy	Winter	Off-Peak	\$ 0.04340	\$ 0.04449	\$ 0.05381
TOU-EV-SUB-9	2017	Energy	Winter	Super Off-Peak	\$ 0.02000	\$ 0.02061	\$ 0.02583
TOU-EV-SUB-9	2017	Energy	Winter	Mid-peak	\$ 0.08901	\$ 0.09104	\$ 0.10835
TOU-GS-1-A	2017	Energy	Summer	Off-Peak	\$ 0.10702	\$ 0.10946	\$ 0.13018
TOU-GS-1-A	2017	Energy	Summer	Mid-peak	\$ 0.11194	\$ 0.11448	\$ 0.13606

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Clean Power Alliance  
2019 Phase 1 and 2 Non-residential Rate Schedules  
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CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN
TOU-GS-1-A	2017	Energy	Summer	On-Peak	\$ 0.12017	\$ 0.12288	\$ 0.14590
TOU-GS-1-A	2017	Energy	Winter	Off-Peak	\$ 0.06251	\$ 0.06403	\$ 0.07696
TOU-GS-1-A	2017	Energy	Winter	Mid-peak	\$ 0.07071	\$ 0.07240	\$ 0.08677
TOU-GS-1-B	2017	Energy	Summer	Off-Peak	\$ 0.05007	\$ 0.05133	\$ 0.06209
TOU-GS-1-B	2017	Energy	Summer	Mid-peak	\$ 0.05262	\$ 0.05394	\$ 0.06514
TOU-GS-1-B	2017	Energy	Summer	On-Peak	\$ 0.05690	\$ 0.05830	\$ 0.07025
TOU-GS-1-B	2017	Energy	Winter	Off-Peak	\$ 0.06251	\$ 0.06403	\$ 0.07696
TOU-GS-1-B	2017	Energy	Winter	Mid-peak	\$ 0.07071	\$ 0.07240	\$ 0.08677
TOU-GS-1-B	2017	Demand	Summer	Mid-peak	\$ 3.45	\$ 3.52	\$ 4.12
TOU-GS-1-B	2017	Demand	Summer	On-Peak	\$ 10.83	\$ 11.05	\$ 12.94
TOU-GS-1-D	2017	Energy	Summer	Off-Peak	\$ 0.04405	\$ 0.04519	\$ 0.05489
TOU-GS-1-D	2017	Energy	Summer	Mid-peak	\$ 0.07386	\$ 0.07561	\$ 0.09053
TOU-GS-1-D	2017	Energy	Summer	On-Peak	\$ 0.08268	\$ 0.08462	\$ 0.10108
TOU-GS-1-D	2017	Energy	Winter	Off-Peak	\$ 0.05205	\$ 0.05336	\$ 0.06445
TOU-GS-1-D	2017	Energy	Winter	Super Off-Peak	\$ 0.03641	\$ 0.03739	\$ 0.04575
TOU-GS-1-D	2017	Energy	Winter	Mid-peak	\$ 0.07734	\$ 0.07917	\$ 0.09470
TOU-GS-1-D	2017	Demand	Summer	On-Peak	\$ 14.55	\$ 14.85	\$ 17.40
TOU-GS-1-D	2017	Demand	Winter	Mid-peak	\$ 3.38	\$ 3.45	\$ 4.04
TOU-GS-1-E	2017	Energy	Summer	Off-Peak	\$ 0.06775	\$ 0.06938	\$ 0.08323
TOU-GS-1-E	2017	Energy	Summer	Mid-peak	\$ 0.11341	\$ 0.11598	\$ 0.13782
TOU-GS-1-E	2017	Energy	Summer	On-Peak	\$ 0.30119	\$ 0.30763	\$ 0.36235
TOU-GS-1-E	2017	Energy	Winter	Off-Peak	\$ 0.05800	\$ 0.05943	\$ 0.07157
TOU-GS-1-E	2017	Energy	Winter	Super Off-Peak	\$ 0.03310	\$ 0.03401	\$ 0.04179
TOU-GS-1-E	2017	Energy	Winter	Mid-peak	\$ 0.13300	\$ 0.13598	\$ 0.16125
TOU-GS-1-ES	2017	Energy	Summer	Off-Peak	\$ 0.04841	\$ 0.04964	\$ 0.06010
TOU-GS-1-ES	2017	Energy	Summer	Mid-peak	\$ 0.12856	\$ 0.13144	\$ 0.15593
TOU-GS-1-ES	2017	Energy	Summer	On-Peak	\$ 0.41972	\$ 0.42860	\$ 0.50408
TOU-GS-1-ES	2017	Energy	Winter	Off-Peak	\$ 0.05425	\$ 0.05561	\$ 0.06709
TOU-GS-1-ES	2017	Energy	Winter	Super Off-Peak	\$ 0.03070	\$ 0.03157	\$ 0.03893
TOU-GS-1-ES	2017	Energy	Winter	Mid-peak	\$ 0.12523	\$ 0.12804	\$ 0.15195
TOU-GS-1-PRI-A	2017	Energy	Summer	Off-Peak	\$ 0.10571	\$ 0.10812	\$ 0.12862

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Clean Power Alliance  
2019 Phase 1 and 2 Non-residential Rate Schedules  
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CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN
TOU-GS-1-PRI-A	2017	Energy	Summer	Mid-peak	\$ 0.11063	\$ 0.11314	\$ 0.13449
TOU-GS-1-PRI-A	2017	Energy	Summer	On-Peak	\$ 0.11886	\$ 0.12154	\$ 0.14434
TOU-GS-1-PRI-A	2017	Energy	Winter	Off-Peak	\$ 0.06120	\$ 0.06269	\$ 0.07539
TOU-GS-1-PRI-A	2017	Energy	Winter	Mid-peak	\$ 0.06940	\$ 0.07106	\$ 0.08520
TOU-GS-1-PRI-B	2017	Energy	Summer	Off-Peak	\$ 0.04923	\$ 0.05047	\$ 0.06108
TOU-GS-1-PRI-B	2017	Energy	Summer	Mid-peak	\$ 0.05178	\$ 0.05308	\$ 0.06413
TOU-GS-1-PRI-B	2017	Energy	Summer	On-Peak	\$ 0.05605	\$ 0.05744	\$ 0.06924
TOU-GS-1-PRI-B	2017	Energy	Winter	Off-Peak	\$ 0.06166	\$ 0.06317	\$ 0.07595
TOU-GS-1-PRI-B	2017	Energy	Winter	Mid-peak	\$ 0.06987	\$ 0.07154	\$ 0.08576
TOU-GS-1-PRI-B	2017	Demand	Summer	Mid-peak	\$ 3.30	\$ 3.37	\$ 3.95
TOU-GS-1-PRI-B	2017	Demand	Summer	On-Peak	\$ 10.68	\$ 10.90	\$ 12.77
TOU-GS-1-PRI-D	2017	Energy	Summer	Off-Peak	\$ 0.04321	\$ 0.04433	\$ 0.05388
TOU-GS-1-PRI-D	2017	Energy	Summer	Mid-peak	\$ 0.07301	\$ 0.07475	\$ 0.08952
TOU-GS-1-PRI-D	2017	Energy	Summer	On-Peak	\$ 0.08184	\$ 0.08376	\$ 0.10007
TOU-GS-1-PRI-D	2017	Energy	Winter	Off-Peak	\$ 0.05121	\$ 0.05249	\$ 0.06344
TOU-GS-1-PRI-D	2017	Energy	Winter	Super Off-Peak	\$ 0.03556	\$ 0.03653	\$ 0.04474
TOU-GS-1-PRI-D	2017	Energy	Winter	Mid-peak	\$ 0.07650	\$ 0.07831	\$ 0.09369
TOU-GS-1-PRI-D	2017	Demand	Summer	On-Peak	\$ 14.45	\$ 14.74	\$ 17.27
TOU-GS-1-PRI-D	2017	Demand	Winter	Mid-peak	\$ 3.27	\$ 3.34	\$ 3.91
TOU-GS-1-PRI-E	2017	Energy	Summer	Off-Peak	\$ 0.06644	\$ 0.06804	\$ 0.08166
TOU-GS-1-PRI-E	2017	Energy	Summer	Mid-peak	\$ 0.11210	\$ 0.11464	\$ 0.13626
TOU-GS-1-PRI-E	2017	Energy	Summer	On-Peak	\$ 0.29988	\$ 0.30629	\$ 0.36079
TOU-GS-1-PRI-E	2017	Energy	Winter	Off-Peak	\$ 0.05669	\$ 0.05809	\$ 0.07000
TOU-GS-1-PRI-E	2017	Energy	Winter	Super Off-Peak	\$ 0.03179	\$ 0.03268	\$ 0.04023
TOU-GS-1-PRI-E	2017	Energy	Winter	Mid-peak	\$ 0.13169	\$ 0.13464	\$ 0.15968
TOU-GS-1-PRI-ES	2017	Energy	Summer	Off-Peak	\$ 0.04710	\$ 0.04830	\$ 0.05853
TOU-GS-1-PRI-ES	2017	Energy	Summer	Mid-peak	\$ 0.12725	\$ 0.13010	\$ 0.15437
TOU-GS-1-PRI-ES	2017	Energy	Summer	On-Peak	\$ 0.41841	\$ 0.42726	\$ 0.50251
TOU-GS-1-PRI-ES	2017	Energy	Winter	Off-Peak	\$ 0.05294	\$ 0.05427	\$ 0.06552
TOU-GS-1-PRI-ES	2017	Energy	Winter	Super Off-Peak	\$ 0.02939	\$ 0.03023	\$ 0.03736
TOU-GS-1-PRI-ES	2017	Energy	Winter	Mid-peak	\$ 0.12392	\$ 0.12670	\$ 0.15038

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CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN
TOU-GS-1-SUB-A	2017	Energy	Summer	Off-Peak	\$ 0.10412	\$ 0.10650	\$ 0.12671
TOU-GS-1-SUB-A	2017	Energy	Summer	Mid-peak	\$ 0.10903	\$ 0.11151	\$ 0.13259
TOU-GS-1-SUB-A	2017	Energy	Summer	On-Peak	\$ 0.11727	\$ 0.11992	\$ 0.14243
TOU-GS-1-SUB-A	2017	Energy	Winter	Off-Peak	\$ 0.05960	\$ 0.06107	\$ 0.07349
TOU-GS-1-SUB-A	2017	Energy	Winter	Mid-peak	\$ 0.06781	\$ 0.06944	\$ 0.08330
TOU-GS-1-SUB-B	2017	Energy	Summer	Off-Peak	\$ 0.04849	\$ 0.04972	\$ 0.06019
TOU-GS-1-SUB-B	2017	Energy	Summer	Mid-peak	\$ 0.05104	\$ 0.05233	\$ 0.06325
TOU-GS-1-SUB-B	2017	Energy	Summer	On-Peak	\$ 0.05531	\$ 0.05669	\$ 0.06835
TOU-GS-1-SUB-B	2017	Energy	Winter	Off-Peak	\$ 0.06092	\$ 0.06241	\$ 0.07506
TOU-GS-1-SUB-B	2017	Energy	Winter	Mid-peak	\$ 0.06913	\$ 0.07079	\$ 0.08487
TOU-GS-1-SUB-B	2017	Demand	Summer	Mid-peak	\$ 3.03	\$ 3.09	\$ 3.62
TOU-GS-1-SUB-B	2017	Demand	Summer	On-Peak	\$ 10.41	\$ 10.62	\$ 12.44
TOU-GS-1-SUB-D	2017	Energy	Summer	Off-Peak	\$ 0.04247	\$ 0.04358	\$ 0.05300
TOU-GS-1-SUB-D	2017	Energy	Summer	Mid-peak	\$ 0.07227	\$ 0.07400	\$ 0.08864
TOU-GS-1-SUB-D	2017	Energy	Summer	On-Peak	\$ 0.08110	\$ 0.08300	\$ 0.09919
TOU-GS-1-SUB-D	2017	Energy	Winter	Off-Peak	\$ 0.05047	\$ 0.05174	\$ 0.06256
TOU-GS-1-SUB-D	2017	Energy	Winter	Super Off-Peak	\$ 0.03483	\$ 0.03578	\$ 0.04386
TOU-GS-1-SUB-D	2017	Energy	Winter	Mid-peak	\$ 0.07576	\$ 0.07755	\$ 0.09280
TOU-GS-1-SUB-D	2017	Demand	Summer	On-Peak	\$ 14.23	\$ 14.53	\$ 17.02
TOU-GS-1-SUB-D	2017	Demand	Winter	Mid-peak	\$ 3.06	\$ 3.12	\$ 3.66
TOU-GS-1-SUB-E	2017	Energy	Summer	Off-Peak	\$ 0.06485	\$ 0.06642	\$ 0.07975
TOU-GS-1-SUB-E	2017	Energy	Summer	Mid-peak	\$ 0.11051	\$ 0.11302	\$ 0.13435
TOU-GS-1-SUB-E	2017	Energy	Summer	On-Peak	\$ 0.29829	\$ 0.30467	\$ 0.35888
TOU-GS-1-SUB-E	2017	Energy	Winter	Off-Peak	\$ 0.05510	\$ 0.05647	\$ 0.06810
TOU-GS-1-SUB-E	2017	Energy	Winter	Super Off-Peak	\$ 0.03020	\$ 0.03105	\$ 0.03832
TOU-GS-1-SUB-E	2017	Energy	Winter	Mid-peak	\$ 0.13010	\$ 0.13302	\$ 0.15778
TOU-GS-2-B	2017	Energy	Summer	Off-Peak	\$ 0.04888	\$ 0.05012	\$ 0.06070
TOU-GS-2-B	2017	Energy	Summer	Mid-peak	\$ 0.05139	\$ 0.05268	\$ 0.06369
TOU-GS-2-B	2017	Energy	Summer	On-Peak	\$ 0.05559	\$ 0.05697	\$ 0.06872
TOU-GS-2-B	2017	Energy	Winter	Off-Peak	\$ 0.03943	\$ 0.04048	\$ 0.04940
TOU-GS-2-B	2017	Energy	Winter	Mid-peak	\$ 0.06995	\$ 0.07163	\$ 0.08589

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CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN
TOU-GS-2-B	2017	Demand	Summer	Mid-peak	\$ 4.57	\$ 4.67	\$ 5.47
TOU-GS-2-B	2017	Demand	Summer	On-Peak	\$ 13.76	\$ 14.04	\$ 16.45
TOU-GS-2-D	2017	Energy	Summer	Off-Peak	\$ 0.04280	\$ 0.04392	\$ 0.05343
TOU-GS-2-D	2017	Energy	Summer	Mid-peak	\$ 0.07204	\$ 0.07376	\$ 0.08839
TOU-GS-2-D	2017	Energy	Summer	On-Peak	\$ 0.08139	\$ 0.08330	\$ 0.09957
TOU-GS-2-D	2017	Energy	Winter	Off-Peak	\$ 0.04838	\$ 0.04961	\$ 0.06009
TOU-GS-2-D	2017	Energy	Winter	Super Off-Peak	\$ 0.02687	\$ 0.02766	\$ 0.03438
TOU-GS-2-D	2017	Energy	Winter	Mid-peak	\$ 0.05984	\$ 0.06131	\$ 0.07380
TOU-GS-2-D	2017	Demand	Summer	On-Peak	\$ 19.60	\$ 20.01	\$ 23.44
TOU-GS-2-D	2017	Demand	Winter	Mid-peak	\$ 3.97	\$ 4.05	\$ 4.75
TOU-GS-2-E	2017	Energy	Summer	Off-Peak	\$ 0.04287	\$ 0.04399	\$ 0.05351
TOU-GS-2-E	2017	Energy	Summer	Mid-peak	\$ 0.07210	\$ 0.07383	\$ 0.08847
TOU-GS-2-E	2017	Energy	Summer	On-Peak	\$ 0.33904	\$ 0.34626	\$ 0.40763
TOU-GS-2-E	2017	Energy	Winter	Off-Peak	\$ 0.04844	\$ 0.04968	\$ 0.06018
TOU-GS-2-E	2017	Energy	Winter	Super Off-Peak	\$ 0.02694	\$ 0.02773	\$ 0.03446
TOU-GS-2-E	2017	Energy	Winter	Mid-peak	\$ 0.10128	\$ 0.10360	\$ 0.12335
TOU-GS-2-E	2017	Demand	Summer	On-Peak	\$ 4.30	\$ 4.39	\$ 5.14
TOU-GS-2-E	2017	Demand	Winter	Mid-peak	\$ 0.83	\$ 0.85	\$ 1.00
TOU-GS-2-PRI-B	2017	Energy	Summer	Off-Peak	\$ 0.04800	\$ 0.04922	\$ 0.05964
TOU-GS-2-PRI-B	2017	Energy	Summer	Mid-peak	\$ 0.05050	\$ 0.05178	\$ 0.06264
TOU-GS-2-PRI-B	2017	Energy	Summer	On-Peak	\$ 0.05471	\$ 0.05607	\$ 0.06766
TOU-GS-2-PRI-B	2017	Energy	Winter	Off-Peak	\$ 0.03855	\$ 0.03958	\$ 0.04835
TOU-GS-2-PRI-B	2017	Energy	Winter	Mid-peak	\$ 0.06907	\$ 0.07073	\$ 0.08483
TOU-GS-2-PRI-B	2017	Demand	Summer	Mid-peak	\$ 4.39	\$ 4.48	\$ 5.25
TOU-GS-2-PRI-B	2017	Demand	Summer	On-Peak	\$ 13.57	\$ 13.85	\$ 16.23
TOU-GS-2-PRI-D	2017	Energy	Summer	Off-Peak	\$ 0.04192	\$ 0.04302	\$ 0.05237
TOU-GS-2-PRI-D	2017	Energy	Summer	Mid-peak	\$ 0.07115	\$ 0.07286	\$ 0.08733
TOU-GS-2-PRI-D	2017	Energy	Summer	On-Peak	\$ 0.08050	\$ 0.08240	\$ 0.09851
TOU-GS-2-PRI-D	2017	Energy	Winter	Off-Peak	\$ 0.04749	\$ 0.04871	\$ 0.05904
TOU-GS-2-PRI-D	2017	Energy	Winter	Super Off-Peak	\$ 0.02599	\$ 0.02676	\$ 0.03332
TOU-GS-2-PRI-D	2017	Energy	Winter	Mid-peak	\$ 0.05896	\$ 0.06041	\$ 0.07275

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CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN
TOU-GS-2-PRI-D	2017	Demand	Summer	On-Peak	\$ 19.46	\$ 19.86	\$ 23.26
TOU-GS-2-PRI-D	2017	Demand	Winter	Mid-peak	\$ 3.83	\$ 3.90	\$ 4.57
TOU-GS-2-PRI-E	2017	Energy	Summer	Off-Peak	\$ 0.04165	\$ 0.04274	\$ 0.05205
TOU-GS-2-PRI-E	2017	Energy	Summer	Mid-peak	\$ 0.07088	\$ 0.07258	\$ 0.08700
TOU-GS-2-PRI-E	2017	Energy	Summer	On-Peak	\$ 0.33781	\$ 0.34501	\$ 0.40617
TOU-GS-2-PRI-E	2017	Energy	Winter	Off-Peak	\$ 0.04722	\$ 0.04843	\$ 0.05871
TOU-GS-2-PRI-E	2017	Energy	Winter	Super Off-Peak	\$ 0.02571	\$ 0.02648	\$ 0.03300
TOU-GS-2-PRI-E	2017	Energy	Winter	Mid-peak	\$ 0.10006	\$ 0.10235	\$ 0.12189
TOU-GS-2-PRI-E	2017	Demand	Summer	On-Peak	\$ 4.27	\$ 4.36	\$ 5.11
TOU-GS-2-PRI-E	2017	Demand	Winter	Mid-peak	\$ 0.81	\$ 0.82	\$ 0.96
TOU-GS-2-PRI-R	2017	Energy	Summer	Off-Peak	\$ 0.04756	\$ 0.04878	\$ 0.05912
TOU-GS-2-PRI-R	2017	Energy	Summer	Mid-peak	\$ 0.09742	\$ 0.09966	\$ 0.11873
TOU-GS-2-PRI-R	2017	Energy	Summer	On-Peak	\$ 0.22342	\$ 0.22826	\$ 0.26939
TOU-GS-2-PRI-R	2017	Energy	Winter	Off-Peak	\$ 0.03811	\$ 0.03914	\$ 0.04782
TOU-GS-2-PRI-R	2017	Energy	Winter	Mid-peak	\$ 0.06863	\$ 0.07028	\$ 0.08431
TOU-GS-2-R	2017	Energy	Summer	Off-Peak	\$ 0.04888	\$ 0.05012	\$ 0.06070
TOU-GS-2-R	2017	Energy	Summer	Mid-peak	\$ 0.09874	\$ 0.10101	\$ 0.12031
TOU-GS-2-R	2017	Energy	Summer	On-Peak	\$ 0.22474	\$ 0.22961	\$ 0.27097
TOU-GS-2-R	2017	Energy	Winter	Off-Peak	\$ 0.03943	\$ 0.04048	\$ 0.04940
TOU-GS-2-R	2017	Energy	Winter	Mid-peak	\$ 0.06995	\$ 0.07163	\$ 0.08589
TOU-GS-2-SUB-B	2017	Energy	Summer	Off-Peak	\$ 0.04694	\$ 0.04814	\$ 0.05838
TOU-GS-2-SUB-B	2017	Energy	Summer	Mid-peak	\$ 0.04944	\$ 0.05070	\$ 0.06137
TOU-GS-2-SUB-B	2017	Energy	Summer	On-Peak	\$ 0.05365	\$ 0.05499	\$ 0.06640
TOU-GS-2-SUB-B	2017	Energy	Winter	Off-Peak	\$ 0.03749	\$ 0.03850	\$ 0.04708
TOU-GS-2-SUB-B	2017	Energy	Winter	Mid-peak	\$ 0.06801	\$ 0.06965	\$ 0.08357
TOU-GS-2-SUB-B	2017	Demand	Summer	Mid-peak	\$ 4.06	\$ 4.14	\$ 4.85
TOU-GS-2-SUB-B	2017	Demand	Summer	On-Peak	\$ 13.24	\$ 13.52	\$ 15.83
TOU-GS-2-SUB-D	2017	Energy	Summer	Off-Peak	\$ 0.04086	\$ 0.04194	\$ 0.05111
TOU-GS-2-SUB-D	2017	Energy	Summer	Mid-peak	\$ 0.07009	\$ 0.07178	\$ 0.08606
TOU-GS-2-SUB-D	2017	Energy	Summer	On-Peak	\$ 0.07944	\$ 0.08132	\$ 0.09724
TOU-GS-2-SUB-D	2017	Energy	Winter	Off-Peak	\$ 0.04643	\$ 0.04763	\$ 0.05777

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TOU-GS-2-SUB-D	2017	Energy	Winter	Super Off-Peak	\$ 0.02493	\$ 0.02568	\$ 0.03206
TOU-GS-2-SUB-D	2017	Energy	Winter	Mid-peak	\$ 0.05790	\$ 0.05933	\$ 0.07148
TOU-GS-2-SUB-D	2017	Demand	Summer	On-Peak	\$ 19.19	\$ 19.58	\$ 22.94
TOU-GS-2-SUB-D	2017	Demand	Winter	Mid-peak	\$ 3.55	\$ 3.63	\$ 4.25
TOU-GS-3-B	2017	Energy	Summer	Off-Peak	\$ 0.04619	\$ 0.04736	\$ 0.05737
TOU-GS-3-B	2017	Energy	Summer	Mid-peak	\$ 0.04849	\$ 0.04971	\$ 0.06012
TOU-GS-3-B	2017	Energy	Summer	On-Peak	\$ 0.05254	\$ 0.05385	\$ 0.06496
TOU-GS-3-B	2017	Energy	Winter	Off-Peak	\$ 0.03771	\$ 0.03871	\$ 0.04723
TOU-GS-3-B	2017	Energy	Winter	Mid-peak	\$ 0.06130	\$ 0.06278	\$ 0.07543
TOU-GS-3-B	2017	Demand	Summer	Mid-peak	\$ 4.21	\$ 4.30	\$ 5.04
TOU-GS-3-B	2017	Demand	Summer	On-Peak	\$ 12.67	\$ 12.93	\$ 15.15
TOU-GS-3-D	2017	Energy	Summer	Off-Peak	\$ 0.04101	\$ 0.04208	\$ 0.05118
TOU-GS-3-D	2017	Energy	Summer	Mid-peak	\$ 0.06808	\$ 0.06971	\$ 0.08355
TOU-GS-3-D	2017	Energy	Summer	On-Peak	\$ 0.07693	\$ 0.07874	\$ 0.09412
TOU-GS-3-D	2017	Energy	Winter	Off-Peak	\$ 0.04633	\$ 0.04751	\$ 0.05754
TOU-GS-3-D	2017	Energy	Winter	Super Off-Peak	\$ 0.02579	\$ 0.02655	\$ 0.03298
TOU-GS-3-D	2017	Energy	Winter	Mid-peak	\$ 0.05730	\$ 0.05870	\$ 0.07065
TOU-GS-3-D	2017	Demand	Summer	On-Peak	\$ 18.98	\$ 19.37	\$ 22.70
TOU-GS-3-D	2017	Demand	Winter	Mid-peak	\$ 3.46	\$ 3.53	\$ 4.13
TOU-GS-3-E	2017	Energy	Summer	Off-Peak	\$ 0.04108	\$ 0.04215	\$ 0.05126
TOU-GS-3-E	2017	Energy	Summer	Mid-peak	\$ 0.06815	\$ 0.06978	\$ 0.08363
TOU-GS-3-E	2017	Energy	Summer	On-Peak	\$ 0.30286	\$ 0.30932	\$ 0.36426
TOU-GS-3-E	2017	Energy	Winter	Off-Peak	\$ 0.04640	\$ 0.04758	\$ 0.05762
TOU-GS-3-E	2017	Energy	Winter	Super Off-Peak	\$ 0.02586	\$ 0.02662	\$ 0.03306
TOU-GS-3-E	2017	Energy	Winter	Mid-peak	\$ 0.08974	\$ 0.09182	\$ 0.10945
TOU-GS-3-E	2017	Demand	Summer	On-Peak	\$ 4.17	\$ 4.25	\$ 4.98
TOU-GS-3-E	2017	Demand	Winter	Mid-peak	\$ 0.73	\$ 0.74	\$ 0.87
TOU-GS-3-PRI-B	2017	Energy	Summer	Off-Peak	\$ 0.04531	\$ 0.04647	\$ 0.05632
TOU-GS-3-PRI-B	2017	Energy	Summer	Mid-peak	\$ 0.04762	\$ 0.04882	\$ 0.05907
TOU-GS-3-PRI-B	2017	Energy	Summer	On-Peak	\$ 0.05166	\$ 0.05295	\$ 0.06392
TOU-GS-3-PRI-B	2017	Energy	Winter	Off-Peak	\$ 0.03684	\$ 0.03782	\$ 0.04619

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TOU-GS-3-PRI-B	2017	Energy	Winter	Mid-peak	\$ 0.06042	\$ 0.06189	\$ 0.07439
TOU-GS-3-PRI-B	2017	Demand	Summer	Mid-peak	\$ 4.04	\$ 4.12	\$ 4.83
TOU-GS-3-PRI-B	2017	Demand	Summer	On-Peak	\$ 12.50	\$ 12.75	\$ 14.94
TOU-GS-3-PRI-D	2017	Energy	Summer	Off-Peak	\$ 0.04014	\$ 0.04119	\$ 0.05014
TOU-GS-3-PRI-D	2017	Energy	Summer	Mid-peak	\$ 0.06721	\$ 0.06882	\$ 0.08250
TOU-GS-3-PRI-D	2017	Energy	Summer	On-Peak	\$ 0.07605	\$ 0.07785	\$ 0.09308
TOU-GS-3-PRI-D	2017	Energy	Winter	Off-Peak	\$ 0.04546	\$ 0.04662	\$ 0.05650
TOU-GS-3-PRI-D	2017	Energy	Winter	Super Off-Peak	\$ 0.02492	\$ 0.02565	\$ 0.03193
TOU-GS-3-PRI-D	2017	Energy	Winter	Mid-peak	\$ 0.05642	\$ 0.05781	\$ 0.06960
TOU-GS-3-PRI-D	2017	Demand	Summer	On-Peak	\$ 18.84	\$ 19.22	\$ 22.52
TOU-GS-3-PRI-D	2017	Demand	Winter	Mid-peak	\$ 3.31	\$ 3.38	\$ 3.96
TOU-GS-3-PRI-E	2017	Energy	Summer	Off-Peak	\$ 0.03992	\$ 0.04096	\$ 0.04987
TOU-GS-3-PRI-E	2017	Energy	Summer	Mid-peak	\$ 0.06698	\$ 0.06859	\$ 0.08223
TOU-GS-3-PRI-E	2017	Energy	Summer	On-Peak	\$ 0.30169	\$ 0.30813	\$ 0.36287
TOU-GS-3-PRI-E	2017	Energy	Winter	Off-Peak	\$ 0.04524	\$ 0.04639	\$ 0.05623
TOU-GS-3-PRI-E	2017	Energy	Winter	Super Off-Peak	\$ 0.02469	\$ 0.02543	\$ 0.03167
TOU-GS-3-PRI-E	2017	Energy	Winter	Mid-peak	\$ 0.08858	\$ 0.09063	\$ 0.10805
TOU-GS-3-PRI-E	2017	Demand	Summer	On-Peak	\$ 4.14	\$ 4.22	\$ 4.95
TOU-GS-3-PRI-E	2017	Demand	Winter	Mid-peak	\$ 0.70	\$ 0.71	\$ 0.84
TOU-GS-3-PRI-R	2017	Energy	Summer	Off-Peak	\$ 0.04494	\$ 0.04609	\$ 0.05587
TOU-GS-3-PRI-R	2017	Energy	Summer	Mid-peak	\$ 0.08638	\$ 0.08839	\$ 0.10543
TOU-GS-3-PRI-R	2017	Energy	Summer	On-Peak	\$ 0.19896	\$ 0.20328	\$ 0.24004
TOU-GS-3-PRI-R	2017	Energy	Winter	Off-Peak	\$ 0.03646	\$ 0.03744	\$ 0.04574
TOU-GS-3-PRI-R	2017	Energy	Winter	Mid-peak	\$ 0.06004	\$ 0.06151	\$ 0.07393
TOU-GS-3-R	2017	Energy	Summer	Off-Peak	\$ 0.04619	\$ 0.04736	\$ 0.05737
TOU-GS-3-R	2017	Energy	Summer	Mid-peak	\$ 0.08764	\$ 0.08967	\$ 0.10693
TOU-GS-3-R	2017	Energy	Summer	On-Peak	\$ 0.20021	\$ 0.20456	\$ 0.24153
TOU-GS-3-R	2017	Energy	Winter	Off-Peak	\$ 0.03771	\$ 0.03871	\$ 0.04723
TOU-GS-3-R	2017	Energy	Winter	Mid-peak	\$ 0.06130	\$ 0.06278	\$ 0.07543
TOU-PA-2-A	2017	Energy	Summer	Off-Peak	\$ 0.04524	\$ 0.04640	\$ 0.05619
TOU-PA-2-A	2017	Energy	Summer	Mid-peak	\$ 0.07789	\$ 0.07972	\$ 0.09523

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TOU-PA-2-A	2017	Energy	Summer	On-Peak	\$ 0.20256	\$ 0.20695	\$ 0.24429
TOU-PA-2-A	2017	Energy	Winter	Off-Peak	\$ 0.03869	\$ 0.03971	\$ 0.04836
TOU-PA-2-A	2017	Energy	Winter	Mid-peak	\$ 0.06452	\$ 0.06607	\$ 0.07924
TOU-PA-2-B	2017	Energy	Summer	Off-Peak	\$ 0.04524	\$ 0.04640	\$ 0.05619
TOU-PA-2-B	2017	Energy	Summer	Mid-peak	\$ 0.04677	\$ 0.04795	\$ 0.05802
TOU-PA-2-B	2017	Energy	Summer	On-Peak	\$ 0.05146	\$ 0.05274	\$ 0.06362
TOU-PA-2-B	2017	Energy	Winter	Off-Peak	\$ 0.03869	\$ 0.03971	\$ 0.04836
TOU-PA-2-B	2017	Energy	Winter	Mid-peak	\$ 0.06452	\$ 0.06607	\$ 0.07924
TOU-PA-2-B	2017	Demand	Summer	Mid-peak	\$ 2.77	\$ 2.82	\$ 3.31
TOU-PA-2-B	2017	Demand	Summer	On-Peak	\$ 9.06	\$ 9.25	\$ 10.83
TOU-PA-2-D	2017	Energy	Summer	Off-Peak	\$ 0.04057	\$ 0.04163	\$ 0.05061
TOU-PA-2-D	2017	Energy	Summer	Mid-peak	\$ 0.06536	\$ 0.06693	\$ 0.08025
TOU-PA-2-D	2017	Energy	Summer	On-Peak	\$ 0.07388	\$ 0.07563	\$ 0.09044
TOU-PA-2-D	2017	Energy	Winter	Off-Peak	\$ 0.04085	\$ 0.04192	\$ 0.05095
TOU-PA-2-D	2017	Energy	Winter	Super Off-Peak	\$ 0.03332	\$ 0.03423	\$ 0.04194
TOU-PA-2-D	2017	Energy	Winter	Mid-peak	\$ 0.05409	\$ 0.05542	\$ 0.06677
TOU-PA-2-D	2017	Demand	Summer	On-Peak	\$ 12.00	\$ 12.25	\$ 14.35
TOU-PA-2-D	2017	Demand	Winter	Mid-peak	\$ 2.12	\$ 2.16	\$ 2.53
TOU-PA-2-D-5TO8	2017	Energy	Summer	Off-Peak	\$ 0.04095	\$ 0.04202	\$ 0.05106
TOU-PA-2-D-5TO8	2017	Energy	Summer	Mid-peak	\$ 0.11035	\$ 0.11285	\$ 0.13404
TOU-PA-2-D-5TO8	2017	Energy	Summer	On-Peak	\$ 0.12494	\$ 0.12773	\$ 0.15148
TOU-PA-2-D-5TO8	2017	Energy	Winter	Off-Peak	\$ 0.04118	\$ 0.04225	\$ 0.05134
TOU-PA-2-D-5TO8	2017	Energy	Winter	Super Off-Peak	\$ 0.03360	\$ 0.03451	\$ 0.04227
TOU-PA-2-D-5TO8	2017	Energy	Winter	Mid-peak	\$ 0.05450	\$ 0.05584	\$ 0.06726
TOU-PA-2-D-5TO8	2017	Demand	Summer	On-Peak	\$ 12.02	\$ 12.27	\$ 14.37
TOU-PA-2-D-5TO8	2017	Demand	Winter	Mid-peak	\$ 2.17	\$ 2.22	\$ 2.60
TOU-PA-2-E	2017	Energy	Summer	Off-Peak	\$ 0.04064	\$ 0.04170	\$ 0.05069
TOU-PA-2-E	2017	Energy	Summer	Mid-peak	\$ 0.06543	\$ 0.06700	\$ 0.08033
TOU-PA-2-E	2017	Energy	Summer	On-Peak	\$ 0.31746	\$ 0.32422	\$ 0.38168
TOU-PA-2-E	2017	Energy	Winter	Off-Peak	\$ 0.04905	\$ 0.05028	\$ 0.06074
TOU-PA-2-E	2017	Energy	Winter	Super Off-Peak	\$ 0.04032	\$ 0.04137	\$ 0.05031

Energy rates are shown in \$/kWh and demand rates are shown in \$/kW.

Clean Power Alliance  
2019 Phase 1 and 2 Non-residential Rate Schedules  
Attachment 1 to Resolution 19-06-010

CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN
TOU-PA-2-E	2017	Energy	Winter	Mid-peak	\$ 0.06439	\$ 0.06594	\$ 0.07909
TOU-PA-2-E-5TO8	2017	Energy	Summer	Off-Peak	\$ 0.04095	\$ 0.04202	\$ 0.05106
TOU-PA-2-E-5TO8	2017	Energy	Summer	Mid-peak	\$ 0.11035	\$ 0.11285	\$ 0.13404
TOU-PA-2-E-5TO8	2017	Energy	Summer	On-Peak	\$ 0.51800	\$ 0.52889	\$ 0.62146
TOU-PA-2-E-5TO8	2017	Energy	Winter	Off-Peak	\$ 0.04932	\$ 0.05056	\$ 0.06107
TOU-PA-2-E-5TO8	2017	Energy	Winter	Super Off-Peak	\$ 0.04055	\$ 0.04161	\$ 0.05059
TOU-PA-2-E-5TO8	2017	Energy	Winter	Mid-peak	\$ 0.06473	\$ 0.06628	\$ 0.07949
TOU-PA-2-PRI-A	2017	Energy	Summer	Off-Peak	\$ 0.04398	\$ 0.04511	\$ 0.05468
TOU-PA-2-PRI-A	2017	Energy	Summer	Mid-peak	\$ 0.07663	\$ 0.07843	\$ 0.09373
TOU-PA-2-PRI-A	2017	Energy	Summer	On-Peak	\$ 0.20130	\$ 0.20566	\$ 0.24279
TOU-PA-2-PRI-A	2017	Energy	Winter	Off-Peak	\$ 0.03743	\$ 0.03842	\$ 0.04685
TOU-PA-2-PRI-A	2017	Energy	Winter	Mid-peak	\$ 0.06325	\$ 0.06478	\$ 0.07773
TOU-PA-2-PRI-B	2017	Energy	Summer	Off-Peak	\$ 0.04435	\$ 0.04548	\$ 0.05512
TOU-PA-2-PRI-B	2017	Energy	Summer	Mid-peak	\$ 0.04587	\$ 0.04704	\$ 0.05695
TOU-PA-2-PRI-B	2017	Energy	Summer	On-Peak	\$ 0.05056	\$ 0.05183	\$ 0.06255
TOU-PA-2-PRI-B	2017	Energy	Winter	Off-Peak	\$ 0.03780	\$ 0.03880	\$ 0.04729
TOU-PA-2-PRI-B	2017	Energy	Winter	Mid-peak	\$ 0.06362	\$ 0.06515	\$ 0.07817
TOU-PA-2-PRI-B	2017	Demand	Summer	Mid-peak	\$ 2.63	\$ 2.69	\$ 3.15
TOU-PA-2-PRI-B	2017	Demand	Summer	On-Peak	\$ 8.92	\$ 9.11	\$ 10.67
TOU-PA-2-PRI-D	2017	Energy	Summer	Off-Peak	\$ 0.03968	\$ 0.04072	\$ 0.04954
TOU-PA-2-PRI-D	2017	Energy	Summer	Mid-peak	\$ 0.06447	\$ 0.06602	\$ 0.07918
TOU-PA-2-PRI-D	2017	Energy	Summer	On-Peak	\$ 0.07299	\$ 0.07472	\$ 0.08937
TOU-PA-2-PRI-D	2017	Energy	Winter	Off-Peak	\$ 0.03996	\$ 0.04101	\$ 0.04988
TOU-PA-2-PRI-D	2017	Energy	Winter	Super Off-Peak	\$ 0.03243	\$ 0.03332	\$ 0.04087
TOU-PA-2-PRI-D	2017	Energy	Winter	Mid-peak	\$ 0.05319	\$ 0.05451	\$ 0.06570
TOU-PA-2-PRI-D	2017	Demand	Summer	On-Peak	\$ 11.89	\$ 12.14	\$ 14.22
TOU-PA-2-PRI-D	2017	Demand	Winter	Mid-peak	\$ 2.01	\$ 2.05	\$ 2.40
TOU-PA-2-PRI-D-5TO8	2017	Energy	Summer	Off-Peak	\$ 0.04006	\$ 0.04110	\$ 0.04999
TOU-PA-2-PRI-D-5TO8	2017	Energy	Summer	Mid-peak	\$ 0.10946	\$ 0.11193	\$ 0.13298
TOU-PA-2-PRI-D-5TO8	2017	Energy	Summer	On-Peak	\$ 0.12404	\$ 0.12682	\$ 0.15041
TOU-PA-2-PRI-D-5TO8	2017	Energy	Winter	Off-Peak	\$ 0.04029	\$ 0.04134	\$ 0.05027

Energy rates are shown in \$/kWh and demand rates are shown in \$/kW.

Clean Power Alliance  
2019 Phase 1 and 2 Non-residential Rate Schedules  
Attachment 1 to Resolution 19-06-010

CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN
TOU-PA-2-PRI-D-5TO8	2017	Energy	Winter	Super Off-Peak	\$ 0.03271	\$ 0.03360	\$ 0.04121
TOU-PA-2-PRI-D-5TO8	2017	Energy	Winter	Mid-peak	\$ 0.05360	\$ 0.05493	\$ 0.06619
TOU-PA-2-PRI-D-5TO8	2017	Demand	Summer	On-Peak	\$ 11.91	\$ 12.16	\$ 14.24
TOU-PA-2-PRI-D-5TO8	2017	Demand	Winter	Mid-peak	\$ 2.07	\$ 2.11	\$ 2.47
TOU-PA-2-PRI-E	2017	Energy	Summer	Off-Peak	\$ 0.03938	\$ 0.04041	\$ 0.04918
TOU-PA-2-PRI-E	2017	Energy	Summer	Mid-peak	\$ 0.06417	\$ 0.06571	\$ 0.07882
TOU-PA-2-PRI-E	2017	Energy	Summer	On-Peak	\$ 0.31619	\$ 0.32293	\$ 0.38017
TOU-PA-2-PRI-E	2017	Energy	Winter	Off-Peak	\$ 0.04779	\$ 0.04899	\$ 0.05923
TOU-PA-2-PRI-E	2017	Energy	Winter	Super Off-Peak	\$ 0.03906	\$ 0.04008	\$ 0.04880
TOU-PA-2-PRI-E	2017	Energy	Winter	Mid-peak	\$ 0.06313	\$ 0.06465	\$ 0.07758
TOU-PA-2-PRI-E-5TO8	2017	Energy	Summer	Off-Peak	\$ 0.03969	\$ 0.04073	\$ 0.04955
TOU-PA-2-PRI-E-5TO8	2017	Energy	Summer	Mid-peak	\$ 0.10909	\$ 0.11156	\$ 0.13253
TOU-PA-2-PRI-E-5TO8	2017	Energy	Summer	On-Peak	\$ 0.51673	\$ 0.52760	\$ 0.61995
TOU-PA-2-PRI-E-5TO8	2017	Energy	Winter	Off-Peak	\$ 0.04806	\$ 0.04927	\$ 0.05956
TOU-PA-2-PRI-E-5TO8	2017	Energy	Winter	Super Off-Peak	\$ 0.03929	\$ 0.04032	\$ 0.04908
TOU-PA-2-PRI-E-5TO8	2017	Energy	Winter	Mid-peak	\$ 0.06347	\$ 0.06500	\$ 0.07798
TOU-PA-3-A	2017	Energy	Summer	Off-Peak	\$ 0.04005	\$ 0.04109	\$ 0.04991
TOU-PA-3-A	2017	Energy	Summer	Mid-peak	\$ 0.06954	\$ 0.07118	\$ 0.08516
TOU-PA-3-A	2017	Energy	Summer	On-Peak	\$ 0.19791	\$ 0.20220	\$ 0.23866
TOU-PA-3-A	2017	Energy	Winter	Off-Peak	\$ 0.03455	\$ 0.03547	\$ 0.04333
TOU-PA-3-A	2017	Energy	Winter	Mid-peak	\$ 0.05626	\$ 0.05764	\$ 0.06929
TOU-PA-3-B	2017	Energy	Summer	Off-Peak	\$ 0.04005	\$ 0.04109	\$ 0.04991
TOU-PA-3-B	2017	Energy	Summer	Mid-peak	\$ 0.04129	\$ 0.04236	\$ 0.05139
TOU-PA-3-B	2017	Energy	Summer	On-Peak	\$ 0.04564	\$ 0.04680	\$ 0.05659
TOU-PA-3-B	2017	Energy	Winter	Off-Peak	\$ 0.03455	\$ 0.03547	\$ 0.04333
TOU-PA-3-B	2017	Energy	Winter	Mid-peak	\$ 0.05626	\$ 0.05764	\$ 0.06929
TOU-PA-3-B	2017	Demand	Summer	Mid-peak	\$ 2.77	\$ 2.82	\$ 3.31
TOU-PA-3-B	2017	Demand	Summer	On-Peak	\$ 10.18	\$ 10.39	\$ 12.18
TOU-PA-3-D	2017	Energy	Summer	Off-Peak	\$ 0.03587	\$ 0.03682	\$ 0.04490
TOU-PA-3-D	2017	Energy	Summer	Mid-peak	\$ 0.05765	\$ 0.05905	\$ 0.07095
TOU-PA-3-D	2017	Energy	Summer	On-Peak	\$ 0.06526	\$ 0.06682	\$ 0.08006

Energy rates are shown in \$/kWh and demand rates are shown in \$/kW.

Clean Power Alliance  
2019 Phase 1 and 2 Non-residential Rate Schedules  
Attachment 1 to Resolution 19-06-010

CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN
TOU-PA-3-D	2017	Energy	Winter	Off-Peak	\$ 0.04059	\$ 0.04164	\$ 0.05056
TOU-PA-3-D	2017	Energy	Winter	Super Off-Peak	\$ 0.02233	\$ 0.02300	\$ 0.02872
TOU-PA-3-D	2017	Energy	Winter	Mid-peak	\$ 0.05034	\$ 0.05159	\$ 0.06221
TOU-PA-3-D	2017	Demand	Summer	On-Peak	\$ 12.32	\$ 12.57	\$ 14.73
TOU-PA-3-D	2017	Demand	Winter	Mid-peak	\$ 2.18	\$ 2.23	\$ 2.61
TOU-PA-3-D-5TO8	2017	Energy	Summer	Off-Peak	\$ 0.03522	\$ 0.03615	\$ 0.04413
TOU-PA-3-D-5TO8	2017	Energy	Summer	Mid-peak	\$ 0.09961	\$ 0.10187	\$ 0.12112
TOU-PA-3-D-5TO8	2017	Energy	Summer	On-Peak	\$ 0.11285	\$ 0.11539	\$ 0.13695
TOU-PA-3-D-5TO8	2017	Energy	Winter	Off-Peak	\$ 0.04011	\$ 0.04115	\$ 0.04998
TOU-PA-3-D-5TO8	2017	Energy	Winter	Super Off-Peak	\$ 0.02200	\$ 0.02267	\$ 0.02833
TOU-PA-3-D-5TO8	2017	Energy	Winter	Mid-peak	\$ 0.04977	\$ 0.05101	\$ 0.06153
TOU-PA-3-D-5TO8	2017	Demand	Summer	On-Peak	\$ 12.83	\$ 13.09	\$ 15.34
TOU-PA-3-D-5TO8	2017	Demand	Winter	Mid-peak	\$ 2.71	\$ 2.76	\$ 3.24
TOU-PA-3-E	2017	Energy	Summer	Off-Peak	\$ 0.03593	\$ 0.03689	\$ 0.04499
TOU-PA-3-E	2017	Energy	Summer	Mid-peak	\$ 0.05772	\$ 0.05912	\$ 0.07104
TOU-PA-3-E	2017	Energy	Summer	On-Peak	\$ 0.29070	\$ 0.29690	\$ 0.34961
TOU-PA-3-E	2017	Energy	Winter	Off-Peak	\$ 0.05329	\$ 0.05460	\$ 0.06574
TOU-PA-3-E	2017	Energy	Winter	Super Off-Peak	\$ 0.01284	\$ 0.01331	\$ 0.01737
TOU-PA-3-E	2017	Energy	Winter	Mid-peak	\$ 0.06954	\$ 0.07118	\$ 0.08516
TOU-PA-3-E-5TO8	2017	Energy	Summer	Off-Peak	\$ 0.03522	\$ 0.03615	\$ 0.04413
TOU-PA-3-E-5TO8	2017	Energy	Summer	Mid-peak	\$ 0.09961	\$ 0.10187	\$ 0.12112
TOU-PA-3-E-5TO8	2017	Energy	Summer	On-Peak	\$ 0.48317	\$ 0.49334	\$ 0.57974
TOU-PA-3-E-5TO8	2017	Energy	Winter	Off-Peak	\$ 0.05605	\$ 0.05742	\$ 0.06904
TOU-PA-3-E-5TO8	2017	Energy	Winter	Super Off-Peak	\$ 0.01384	\$ 0.01433	\$ 0.01856
TOU-PA-3-E-5TO8	2017	Energy	Winter	Mid-peak	\$ 0.07300	\$ 0.07472	\$ 0.08931
TOU-PA-3-PRI-A	2017	Energy	Summer	Off-Peak	\$ 0.03887	\$ 0.03988	\$ 0.04849
TOU-PA-3-PRI-A	2017	Energy	Summer	Mid-peak	\$ 0.06835	\$ 0.06997	\$ 0.08375
TOU-PA-3-PRI-A	2017	Energy	Summer	On-Peak	\$ 0.19673	\$ 0.20099	\$ 0.23724
TOU-PA-3-PRI-A	2017	Energy	Winter	Off-Peak	\$ 0.03336	\$ 0.03426	\$ 0.04191
TOU-PA-3-PRI-A	2017	Energy	Winter	Mid-peak	\$ 0.05508	\$ 0.05643	\$ 0.06788
TOU-PA-3-PRI-B	2017	Energy	Summer	Off-Peak	\$ 0.03917	\$ 0.04019	\$ 0.04885

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Clean Power Alliance  
2019 Phase 1 and 2 Non-residential Rate Schedules  
Attachment 1 to Resolution 19-06-010

CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN
TOU-PA-3-PRI-B	2017	Energy	Summer	Mid-peak	\$ 0.04041	\$ 0.04145	\$ 0.05034
TOU-PA-3-PRI-B	2017	Energy	Summer	On-Peak	\$ 0.04476	\$ 0.04589	\$ 0.05554
TOU-PA-3-PRI-B	2017	Energy	Winter	Off-Peak	\$ 0.03366	\$ 0.03457	\$ 0.04227
TOU-PA-3-PRI-B	2017	Energy	Winter	Mid-peak	\$ 0.05538	\$ 0.05673	\$ 0.06824
TOU-PA-3-PRI-B	2017	Demand	Summer	Mid-peak	\$ 2.62	\$ 2.68	\$ 3.13
TOU-PA-3-PRI-B	2017	Demand	Summer	On-Peak	\$ 10.04	\$ 10.25	\$ 12.00
TOU-PA-3-PRI-D	2017	Energy	Summer	Off-Peak	\$ 0.03498	\$ 0.03592	\$ 0.04385
TOU-PA-3-PRI-D	2017	Energy	Summer	Mid-peak	\$ 0.05677	\$ 0.05815	\$ 0.06990
TOU-PA-3-PRI-D	2017	Energy	Summer	On-Peak	\$ 0.06438	\$ 0.06592	\$ 0.07900
TOU-PA-3-PRI-D	2017	Energy	Winter	Off-Peak	\$ 0.03971	\$ 0.04074	\$ 0.04950
TOU-PA-3-PRI-D	2017	Energy	Winter	Super Off-Peak	\$ 0.02145	\$ 0.02210	\$ 0.02766
TOU-PA-3-PRI-D	2017	Energy	Winter	Mid-peak	\$ 0.04946	\$ 0.05069	\$ 0.06116
TOU-PA-3-PRI-D	2017	Demand	Summer	On-Peak	\$ 12.21	\$ 12.47	\$ 14.60
TOU-PA-3-PRI-D	2017	Demand	Winter	Mid-peak	\$ 2.08	\$ 2.12	\$ 2.48
TOU-PA-3-PRI-D-5TO8	2017	Energy	Summer	Off-Peak	\$ 0.03435	\$ 0.03527	\$ 0.04309
TOU-PA-3-PRI-D-5TO8	2017	Energy	Summer	Mid-peak	\$ 0.09874	\$ 0.10099	\$ 0.12008
TOU-PA-3-PRI-D-5TO8	2017	Energy	Summer	On-Peak	\$ 0.11198	\$ 0.11450	\$ 0.13592
TOU-PA-3-PRI-D-5TO8	2017	Energy	Winter	Off-Peak	\$ 0.03924	\$ 0.04027	\$ 0.04894
TOU-PA-3-PRI-D-5TO8	2017	Energy	Winter	Super Off-Peak	\$ 0.02114	\$ 0.02179	\$ 0.02729
TOU-PA-3-PRI-D-5TO8	2017	Energy	Winter	Mid-peak	\$ 0.04891	\$ 0.05013	\$ 0.06050
TOU-PA-3-PRI-D-5TO8	2017	Demand	Summer	On-Peak	\$ 12.71	\$ 12.97	\$ 15.20
TOU-PA-3-PRI-D-5TO8	2017	Demand	Winter	Mid-peak	\$ 2.59	\$ 2.65	\$ 3.10
TOU-PA-3-PRI-E	2017	Energy	Summer	Off-Peak	\$ 0.03475	\$ 0.03568	\$ 0.04357
TOU-PA-3-PRI-E	2017	Energy	Summer	Mid-peak	\$ 0.05654	\$ 0.05791	\$ 0.06962
TOU-PA-3-PRI-E	2017	Energy	Summer	On-Peak	\$ 0.28951	\$ 0.29569	\$ 0.34819
TOU-PA-3-PRI-E	2017	Energy	Winter	Off-Peak	\$ 0.05211	\$ 0.05340	\$ 0.06433
TOU-PA-3-PRI-E	2017	Energy	Winter	Super Off-Peak	\$ 0.01165	\$ 0.01210	\$ 0.01595
TOU-PA-3-PRI-E	2017	Energy	Winter	Mid-peak	\$ 0.06835	\$ 0.06997	\$ 0.08375
TOU-PA-3-PRI-E-5TO8	2017	Energy	Summer	Off-Peak	\$ 0.03403	\$ 0.03494	\$ 0.04271
TOU-PA-3-PRI-E-5TO8	2017	Energy	Summer	Mid-peak	\$ 0.09842	\$ 0.10066	\$ 0.11970
TOU-PA-3-PRI-E-5TO8	2017	Energy	Summer	On-Peak	\$ 0.48199	\$ 0.49213	\$ 0.57833

Energy rates are shown in \$/kWh and demand rates are shown in \$/kW.

Clean Power Alliance  
2019 Phase 1 and 2 Non-residential Rate Schedules  
Attachment 1 to Resolution 19-06-010

CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN
TOU-PA-3-PRI-E-5TO8	2017	Energy	Winter	Off-Peak	\$ 0.05487	\$ 0.05621	\$ 0.06762
TOU-PA-3-PRI-E-5TO8	2017	Energy	Winter	Super Off-Peak	\$ 0.01265	\$ 0.01312	\$ 0.01715
TOU-PA-3-PRI-E-5TO8	2017	Energy	Winter	Mid-peak	\$ 0.07182	\$ 0.07351	\$ 0.08789

Energy rates are shown in \$/kWh and demand rates are shown in \$/kW.

**RESOLUTION NO. 19-06-011****A RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
CLEAN POWER ALLIANCE OF SOUTHERN CALIFORNIA  
TO APPROVE 2019 ADJUSTED RATES FOR PHASE 4 NON-RESIDENTIAL  
CUSTOMERS****THE BOARD OF DIRECTORS OF THE CLEAN POWER ALLIANCE OF SOUTHERN  
CALIFORNIA DOES HEREBY FIND, RESOLVE, AND ORDER AS FOLLOWS:**

**WHEREAS**, the Clean Power Alliance of Southern California (formerly known as Los Angeles Community Choice Energy Authority) ("Clean Power Alliance" or "CPA") was formed on June 27, 2017; and

**WHEREAS**, the CPA Board of Directors directed staff to procure power supply to provide three energy products (36% renewable, 50% renewable, and 100% renewable) and maximize non-emitting energy resources for the non-renewable portions of the portfolio; and

**WHEREAS**, the CPA Board of Directors also sought to set rates that are lower or competitive with those offered by Southern California Edison (SCE) for similar products and provide price stability and approved a rate tier and cost range structure on August 16, 2018; and

**WHEREAS**, SCE is implementing rate changes requiring adjustments by CPA for Phase 4 rate schedules for non-residential customers; and

**WHEREAS**, Phase 4 rates require adjustments to the Board approved rate tier and cost range structure during the winter months, i.e., from January to May and from October to December; and

**WHEREAS**, SCE rate changes are effective as of June 1, 2019.

**NOW THEREFORE, BE IT DETERMINED, ORDERED, AND RESOLVED, BY THE BOARD OF DIRECTORS OF THE CLEAN POWER ALLIANCE OF SOUTHERN CALIFORNIA THAT:**

1. The proposed Phase 4 non-residential rate schedules as presented in Attachment 1 are hereby approved effective as of June 1, 2019.
2. The proposed Phase 4 street and outdoor lighting rate schedules as presented in Attachment 2 are hereby approved effective as of July 1, 2019.
3. The proposed Phase 4 wind machine winter demand credit for qualified agricultural customers as presented in Attachment 3 is hereby approved effective as of June 1, 2019.
4. The proposed Phase 4 demand response rate billing factors as presented in Attachment 4 are hereby approved effective as of July 1, 2019.



5. The proposed Phase 4 rates presented in Attachments 1-4 are authorized to be outside the rate-tier and cost ranges established by the Board on August 16, 2018.

**APPROVED AND ADOPTED this \_\_\_\_ day of \_\_\_\_\_ 2019.**

\_\_\_\_\_  
Chair

**ATTEST:**

\_\_\_\_\_  
Secretary

Clean Power Alliance  
2019 Phase 4 Non-residential Rate Schedules  
Attachment 1 to Resolution 19-06-011

CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN	DEFAULT CARE 100% GREEN	DEFAULT 100% GREEN
AL-2-F	2018	Energy	All_Year	Total	\$	0.02956	\$ 0.03054	\$ 0.03892	\$ 0.03942
AL-2-GF	2018	Energy	Summer	Off-Peak	\$	0.02956	\$ 0.03054	\$ 0.03892	\$ 0.03942
AL-2-GF	2018	Energy	Summer	On-Peak	\$	0.10486	\$ 0.10757	\$ 0.13059	\$ 0.13195
AL-2-GF	2018	Energy	Winter	Off-Peak	\$	0.02956	\$ 0.03054	\$ 0.03892	\$ 0.03942
AL-2-GF	2018	Energy	Winter	On-Peak	\$	0.05540	\$ 0.05709	\$ 0.07146	\$ 0.07230
LS-1	2018	Energy	All_Year	Total	\$	0.02905	\$ 0.03003	\$ 0.03832	\$ 0.03881
LS-3	2018	Energy	All_Year	Total	\$	0.02956	\$ 0.03054	\$ 0.03892	\$ 0.03942
TC-1	2018	Energy	All_Year	Total	\$	0.04868	\$ 0.05016	\$ 0.06271	\$ 0.06345
TOU-8-PRI-B	2018	Energy	Summer	Off-Peak	\$	0.02643	\$ 0.02743	\$ 0.03597	\$ 0.03647
TOU-8-PRI-B	2018	Energy	Summer	Mid-peak	\$	0.02790	\$ 0.02894	\$ 0.03773	\$ 0.03825
TOU-8-PRI-B	2018	Energy	Summer	On-Peak	\$	0.03184	\$ 0.03295	\$ 0.04244	\$ 0.04299
TOU-8-PRI-B	2018	Energy	Winter	Off-Peak	\$	0.04087	\$ 0.04311	\$ 0.04419	\$ 0.04463
TOU-8-PRI-B	2018	Energy	Winter	Mid-peak	\$	0.08271	\$ 0.08643	\$ 0.08823	\$ 0.08896
TOU-8-PRI-B	2018	Demand	Summer	Mid-peak	\$	5.11	\$ 5.21	\$ 6.11	\$ 6.16
TOU-8-PRI-B	2018	Demand	Summer	On-Peak	\$	16.35	\$ 16.69	\$ 19.55	\$ 19.72
TOU-8-PRI-D	2018	Energy	Summer	Off-Peak	\$	0.02139	\$ 0.02229	\$ 0.02994	\$ 0.03039
TOU-8-PRI-D	2018	Energy	Summer	Mid-peak	\$	0.04619	\$ 0.04760	\$ 0.05959	\$ 0.06030
TOU-8-PRI-D	2018	Energy	Summer	On-Peak	\$	0.05386	\$ 0.05543	\$ 0.06876	\$ 0.06955
TOU-8-PRI-D	2018	Energy	Winter	Off-Peak	\$	0.04970	\$ 0.05225	\$ 0.05349	\$ 0.05398
TOU-8-PRI-D	2018	Energy	Winter	Super Off-Peak	\$	0.02384	\$ 0.02548	\$ 0.02627	\$ 0.02659
TOU-8-PRI-D	2018	Energy	Winter	Mid-peak	\$	0.06350	\$ 0.06653	\$ 0.06800	\$ 0.06860
TOU-8-PRI-D	2018	Demand	Summer	On-Peak	\$	22.04	\$ 22.49	\$ 26.35	\$ 26.58
TOU-8-PRI-D	2018	Demand	Winter	Mid-peak	\$	6.96	\$ 7.21	\$ 7.33	\$ 7.38
TOU-8-PRI-E	2018	Energy	Summer	Off-Peak	\$	0.02146	\$ 0.02236	\$ 0.03003	\$ 0.03048
TOU-8-PRI-E	2018	Energy	Summer	Mid-peak	\$	0.04626	\$ 0.04767	\$ 0.05967	\$ 0.06038
TOU-8-PRI-E	2018	Energy	Summer	On-Peak	\$	0.28588	\$ 0.29223	\$ 0.34620	\$ 0.34937
TOU-8-PRI-E	2018	Energy	Winter	Off-Peak	\$	0.04981	\$ 0.05236	\$ 0.05359	\$ 0.05409
TOU-8-PRI-E	2018	Energy	Winter	Super Off-Peak	\$	0.02395	\$ 0.02558	\$ 0.02638	\$ 0.02670
TOU-8-PRI-E	2018	Energy	Winter	Mid-peak	\$	0.11603	\$ 0.12092	\$ 0.12330	\$ 0.12425
TOU-8-PRI-E	2018	Demand	Summer	On-Peak	\$	4.07	\$ 4.15	\$ 4.86	\$ 4.91
TOU-8-PRI-E	2018	Demand	Winter	Mid-peak	\$	1.52	\$ 1.58	\$ 1.60	\$ 1.61
TOU-8-PRI-R	2018	Energy	Summer	Off-Peak	\$	0.02643	\$ 0.02743	\$ 0.03597	\$ 0.03647
TOU-8-PRI-R	2018	Energy	Summer	Mid-peak	\$	0.06654	\$ 0.06837	\$ 0.08393	\$ 0.08484
TOU-8-PRI-R	2018	Energy	Summer	On-Peak	\$	0.20461	\$ 0.20928	\$ 0.24902	\$ 0.25136
TOU-8-PRI-R	2018	Energy	Winter	Off-Peak	\$	0.04087	\$ 0.04311	\$ 0.04419	\$ 0.04463
TOU-8-PRI-R	2018	Energy	Winter	Mid-peak	\$	0.08271	\$ 0.08643	\$ 0.08823	\$ 0.08896
TOU-8-SEC-B	2018	Energy	Summer	Off-Peak	\$	0.02850	\$ 0.02956	\$ 0.03854	\$ 0.03907
TOU-8-SEC-B	2018	Energy	Summer	Mid-peak	\$	0.03030	\$ 0.03139	\$ 0.04069	\$ 0.04124
TOU-8-SEC-B	2018	Energy	Summer	On-Peak	\$	0.03420	\$ 0.03538	\$ 0.04536	\$ 0.04594
TOU-8-SEC-B	2018	Energy	Winter	Off-Peak	\$	0.03915	\$ 0.04138	\$ 0.04185	\$ 0.04231
TOU-8-SEC-B	2018	Energy	Winter	Mid-peak	\$	0.07701	\$ 0.08060	\$ 0.08137	\$ 0.08209

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CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN	DEFAULT CARE 100% GREEN	DEFAULT 100% GREEN
TOU-8-SEC-B	2018	Demand	Summer	Mid-peak	\$ 5.10	\$ 5.20	\$ 6.09		\$ 6.15
TOU-8-SEC-B	2018	Demand	Summer	On-Peak	\$ 15.81	\$ 16.13	\$ 18.90		\$ 19.06
TOU-8-SEC-D	2018	Energy	Summer	Off-Peak	\$ 0.02328	\$ 0.02423	\$ 0.03230		\$ 0.03277
TOU-8-SEC-D	2018	Energy	Summer	Mid-peak	\$ 0.04962	\$ 0.05111	\$ 0.06379		\$ 0.06454
TOU-8-SEC-D	2018	Energy	Summer	On-Peak	\$ 0.05773	\$ 0.05939	\$ 0.07349		\$ 0.07431
TOU-8-SEC-D	2018	Energy	Winter	Off-Peak	\$ 0.04895	\$ 0.05154	\$ 0.05209		\$ 0.05261
TOU-8-SEC-D	2018	Energy	Winter	Super Off-Peak	\$ 0.02319	\$ 0.02485	\$ 0.02520		\$ 0.02553
TOU-8-SEC-D	2018	Energy	Winter	Mid-peak	\$ 0.06269	\$ 0.06577	\$ 0.06643		\$ 0.06705
TOU-8-SEC-D	2018	Demand	Summer	On-Peak	\$ 22.30	\$ 22.76	\$ 26.67		\$ 26.90
TOU-8-SEC-D	2018	Demand	Winter	Mid-peak	\$ 6.16	\$ 6.38	\$ 6.43		\$ 6.47
TOU-8-SEC-E	2018	Energy	Summer	Off-Peak	\$ 0.02335	\$ 0.02430	\$ 0.03238		\$ 0.03285
TOU-8-SEC-E	2018	Energy	Summer	Mid-peak	\$ 0.04969	\$ 0.05118	\$ 0.06387		\$ 0.06462
TOU-8-SEC-E	2018	Energy	Summer	On-Peak	\$ 0.29370	\$ 0.30022	\$ 0.35563		\$ 0.35889
TOU-8-SEC-E	2018	Energy	Winter	Off-Peak	\$ 0.04905	\$ 0.05164	\$ 0.05219		\$ 0.05271
TOU-8-SEC-E	2018	Energy	Winter	Super Off-Peak	\$ 0.02328	\$ 0.02495	\$ 0.02530		\$ 0.02563
TOU-8-SEC-E	2018	Energy	Winter	Mid-peak	\$ 0.11481	\$ 0.11977	\$ 0.12082		\$ 0.12182
TOU-8-SEC-E	2018	Demand	Summer	On-Peak	\$ 4.89	\$ 4.99	\$ 5.85		\$ 5.90
TOU-8-SEC-E	2018	Demand	Winter	Mid-peak	\$ 1.29	\$ 1.34	\$ 1.35		\$ 1.35
TOU-8-SEC-R	2018	Energy	Summer	Off-Peak	\$ 0.02850	\$ 0.02956	\$ 0.03854		\$ 0.03907
TOU-8-SEC-R	2018	Energy	Summer	Mid-peak	\$ 0.07124	\$ 0.07318	\$ 0.08965		\$ 0.09061
TOU-8-SEC-R	2018	Energy	Summer	On-Peak	\$ 0.20534	\$ 0.21004	\$ 0.24999		\$ 0.25234
TOU-8-SEC-R	2018	Energy	Winter	Off-Peak	\$ 0.03915	\$ 0.04138	\$ 0.04185		\$ 0.04231
TOU-8-SEC-R	2018	Energy	Winter	Mid-peak	\$ 0.07701	\$ 0.08060	\$ 0.08137		\$ 0.08209
TOU-8-SUB-B	2018	Energy	Summer	Off-Peak	\$ 0.02555	\$ 0.02651	\$ 0.03461		\$ 0.03509
TOU-8-SUB-B	2018	Energy	Summer	Mid-peak	\$ 0.02679	\$ 0.02776	\$ 0.03609		\$ 0.03658
TOU-8-SUB-B	2018	Energy	Summer	On-Peak	\$ 0.03070	\$ 0.03176	\$ 0.04077		\$ 0.04130
TOU-8-SUB-B	2018	Energy	Winter	Off-Peak	\$ 0.04342	\$ 0.04568	\$ 0.04760		\$ 0.04802
TOU-8-SUB-B	2018	Energy	Winter	Mid-peak	\$ 0.08814	\$ 0.09197	\$ 0.09523		\$ 0.09595
TOU-8-SUB-B	2018	Demand	Summer	Mid-peak	\$ 5.16	\$ 5.26	\$ 6.16		\$ 6.22
TOU-8-SUB-B	2018	Demand	Summer	On-Peak	\$ 16.00	\$ 16.33	\$ 19.13		\$ 19.30
TOU-8-SUB-D	2018	Energy	Summer	Off-Peak	\$ 0.02120	\$ 0.02207	\$ 0.02941		\$ 0.02984
TOU-8-SUB-D	2018	Energy	Summer	Mid-peak	\$ 0.04303	\$ 0.04434	\$ 0.05551		\$ 0.05617
TOU-8-SUB-D	2018	Energy	Summer	On-Peak	\$ 0.05005	\$ 0.05151	\$ 0.06390		\$ 0.06463
TOU-8-SUB-D	2018	Energy	Winter	Off-Peak	\$ 0.05192	\$ 0.05447	\$ 0.05665		\$ 0.05713
TOU-8-SUB-D	2018	Energy	Winter	Super Off-Peak	\$ 0.02573	\$ 0.02736	\$ 0.02875		\$ 0.02906
TOU-8-SUB-D	2018	Energy	Winter	Mid-peak	\$ 0.06548	\$ 0.06852	\$ 0.07110		\$ 0.07167
TOU-8-SUB-D	2018	Demand	Summer	On-Peak	\$ 21.58	\$ 22.03	\$ 25.81		\$ 26.03
TOU-8-SUB-D	2018	Demand	Winter	Mid-peak	\$ 8.38	\$ 8.67	\$ 8.92		\$ 8.98
TOU-8-SUB-E	2018	Energy	Summer	Off-Peak	\$ 0.02127	\$ 0.02214	\$ 0.02949		\$ 0.02993
TOU-8-SUB-E	2018	Energy	Summer	Mid-peak	\$ 0.04310	\$ 0.04441	\$ 0.05559		\$ 0.05625
TOU-8-SUB-E	2018	Energy	Summer	On-Peak	\$ 0.28753	\$ 0.29388	\$ 0.34786		\$ 0.35104

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CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN	DEFAULT CARE 100% GREEN	DEFAULT 100% GREEN
TOU-8-SUB-E	2018	Energy	Winter	Off-Peak	\$ 0.05202	\$ 0.05458	\$ 0.05676		\$ 0.05724
TOU-8-SUB-E	2018	Energy	Winter	Super Off-Peak	\$ 0.02583	\$ 0.02747	\$ 0.02887		\$ 0.02917
TOU-8-SUB-E	2018	Energy	Winter	Mid-peak	\$ 0.12968	\$ 0.13497	\$ 0.13948		\$ 0.14047
TOU-8-SUB-E	2018	Demand	Summer	On-Peak	\$ 1.50	\$ 1.54	\$ 1.80		\$ 1.81
TOU-8-SUB-E	2018	Demand	Winter	Mid-peak	\$ 0.50	\$ 0.52	\$ 0.53		\$ 0.54
TOU-8-SUB-R	2018	Energy	Summer	Off-Peak	\$ 0.02555	\$ 0.02651	\$ 0.03461		\$ 0.03509
TOU-8-SUB-R	2018	Energy	Summer	Mid-peak	\$ 0.06140	\$ 0.06309	\$ 0.07747		\$ 0.07832
TOU-8-SUB-R	2018	Energy	Summer	On-Peak	\$ 0.18960	\$ 0.19393	\$ 0.23076		\$ 0.23293
TOU-8-SUB-R	2018	Energy	Winter	Off-Peak	\$ 0.04342	\$ 0.04568	\$ 0.04760		\$ 0.04802
TOU-8-SUB-R	2018	Energy	Winter	Mid-peak	\$ 0.08814	\$ 0.09197	\$ 0.09523		\$ 0.09595
TOU-EV-7	2018	Energy	Summer	Off-Peak	\$ 0.06160	\$ 0.06341	\$ 0.07886		\$ 0.07977
TOU-EV-7	2018	Energy	Summer	Mid-peak	\$ 0.09817	\$ 0.10074	\$ 0.12259		\$ 0.12388
TOU-EV-7	2018	Energy	Summer	On-Peak	\$ 0.20780	\$ 0.21263	\$ 0.25368		\$ 0.25610
TOU-EV-7	2018	Energy	Winter	Off-Peak	\$ 0.05373	\$ 0.05539	\$ 0.06946		\$ 0.07029
TOU-EV-7	2018	Energy	Winter	Super Off-Peak	\$ 0.01786	\$ 0.01877	\$ 0.02656		\$ 0.02702
TOU-EV-7	2018	Energy	Winter	Mid-peak	\$ 0.11776	\$ 0.12074	\$ 0.14602		\$ 0.14751
TOU-EV-8	2018	Energy	Summer	Off-Peak	\$ 0.04068	\$ 0.04206	\$ 0.05372		\$ 0.05440
TOU-EV-8	2018	Energy	Summer	Mid-peak	\$ 0.05770	\$ 0.05943	\$ 0.07407		\$ 0.07493
TOU-EV-8	2018	Energy	Summer	On-Peak	\$ 0.29127	\$ 0.29780	\$ 0.35333		\$ 0.35660
TOU-EV-8	2018	Energy	Winter	Off-Peak	\$ 0.05029	\$ 0.05186	\$ 0.06520		\$ 0.06598
TOU-EV-8	2018	Energy	Winter	Super Off-Peak	\$ 0.01254	\$ 0.01333	\$ 0.02006		\$ 0.02046
TOU-EV-8	2018	Energy	Winter	Mid-peak	\$ 0.09787	\$ 0.10042	\$ 0.12209		\$ 0.12337
TOU-EV-PRI-9	2018	Energy	Summer	Off-Peak	\$ 0.03044	\$ 0.03153	\$ 0.04076		\$ 0.04131
TOU-EV-PRI-9	2018	Energy	Summer	Mid-peak	\$ 0.04626	\$ 0.04767	\$ 0.05967		\$ 0.06038
TOU-EV-PRI-9	2018	Energy	Summer	On-Peak	\$ 0.24818	\$ 0.25376	\$ 0.30112		\$ 0.30391
TOU-EV-PRI-9	2018	Energy	Winter	Off-Peak	\$ 0.06332	\$ 0.06635	\$ 0.06782		\$ 0.06841
TOU-EV-PRI-9	2018	Energy	Winter	Super Off-Peak	\$ 0.02395	\$ 0.02558	\$ 0.02638		\$ 0.02670
TOU-EV-PRI-9	2018	Energy	Winter	Mid-peak	\$ 0.13062	\$ 0.13603	\$ 0.13865		\$ 0.13971
TOU-EV-SEC-9	2018	Energy	Summer	Off-Peak	\$ 0.03340	\$ 0.03455	\$ 0.04439		\$ 0.04497
TOU-EV-SEC-9	2018	Energy	Summer	Mid-peak	\$ 0.04969	\$ 0.05118	\$ 0.06387		\$ 0.06462
TOU-EV-SEC-9	2018	Energy	Summer	On-Peak	\$ 0.26428	\$ 0.27019	\$ 0.32046		\$ 0.32341
TOU-EV-SEC-9	2018	Energy	Winter	Off-Peak	\$ 0.06454	\$ 0.06769	\$ 0.06836		\$ 0.06899
TOU-EV-SEC-9	2018	Energy	Winter	Super Off-Peak	\$ 0.02328	\$ 0.02495	\$ 0.02530		\$ 0.02563
TOU-EV-SEC-9	2018	Energy	Winter	Mid-peak	\$ 0.12863	\$ 0.13409	\$ 0.13524		\$ 0.13635
TOU-EV-SUB-9	2018	Energy	Summer	Off-Peak	\$ 0.02877	\$ 0.02979	\$ 0.03846		\$ 0.03897
TOU-EV-SUB-9	2018	Energy	Summer	Mid-peak	\$ 0.04310	\$ 0.04441	\$ 0.05559		\$ 0.05625
TOU-EV-SUB-9	2018	Energy	Summer	On-Peak	\$ 0.22376	\$ 0.22880	\$ 0.27161		\$ 0.27413
TOU-EV-SUB-9	2018	Energy	Winter	Off-Peak	\$ 0.06240	\$ 0.06533	\$ 0.06782		\$ 0.06837
TOU-EV-SUB-9	2018	Energy	Winter	Super Off-Peak	\$ 0.02583	\$ 0.02747	\$ 0.02887		\$ 0.02917
TOU-EV-SUB-9	2018	Energy	Winter	Mid-peak	\$ 0.13369	\$ 0.13912	\$ 0.14375		\$ 0.14476
TOU-GS-1-A	2018	Energy	Summer	Off-Peak	\$ 0.09171	\$ 0.09415	\$ 0.11487	\$ 0.09415	\$ 0.11609

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CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN	DEFAULT CARE 100% GREEN	DEFAULT 100% GREEN	
TOU-GS-1-A	2018	Energy	Summer	Mid-peak	\$	0.09663	\$ 0.09917	\$ 0.12075	0.09917	\$ 0.12202
TOU-GS-1-A	2018	Energy	Summer	On-Peak	\$	0.10486	\$ 0.10757	\$ 0.13059	0.10757	\$ 0.13195
TOU-GS-1-A	2018	Energy	Winter	Off-Peak	\$	0.04720	\$ 0.04872	\$ 0.06165	0.04872	\$ 0.06241
TOU-GS-1-A	2018	Energy	Winter	Mid-peak	\$	0.05540	\$ 0.05709	\$ 0.07146	0.05709	\$ 0.07230
TOU-GS-1-B	2018	Energy	Summer	Off-Peak	\$	0.03476	\$ 0.03602	\$ 0.04678	0.03602	\$ 0.04741
TOU-GS-1-B	2018	Energy	Summer	Mid-peak	\$	0.03731	\$ 0.03863	\$ 0.04983	0.03863	\$ 0.05049
TOU-GS-1-B	2018	Energy	Summer	On-Peak	\$	0.04159	\$ 0.04299	\$ 0.05494	0.04299	\$ 0.05564
TOU-GS-1-B	2018	Energy	Winter	Off-Peak	\$	0.04720	\$ 0.04872	\$ 0.06165	0.04872	\$ 0.06241
TOU-GS-1-B	2018	Energy	Winter	Mid-peak	\$	0.05540	\$ 0.05709	\$ 0.07146	0.05709	\$ 0.07230
TOU-GS-1-B	2018	Demand	Summer	Mid-peak	\$	3.45	\$ 3.52	\$ 4.12	3.52	\$ 4.16
TOU-GS-1-B	2018	Demand	Summer	On-Peak	\$	10.83	\$ 11.05	\$ 12.94	11.05	\$ 13.06
TOU-GS-1-D	2018	Energy	Summer	Off-Peak	\$	0.02874	\$ 0.02988	\$ 0.03958	0.02988	\$ 0.04015
TOU-GS-1-D	2018	Energy	Summer	Mid-peak	\$	0.05855	\$ 0.06030	\$ 0.07522	0.06030	\$ 0.07610
TOU-GS-1-D	2018	Energy	Summer	On-Peak	\$	0.06737	\$ 0.06931	\$ 0.08577	0.06931	\$ 0.08674
TOU-GS-1-D	2018	Energy	Winter	Off-Peak	\$	0.03674	\$ 0.03805	\$ 0.04914	0.03805	\$ 0.04980
TOU-GS-1-D	2018	Energy	Winter	Super Off-Peak	\$	0.02110	\$ 0.02208	\$ 0.03044	0.02208	\$ 0.03093
TOU-GS-1-D	2018	Energy	Winter	Mid-peak	\$	0.06203	\$ 0.06386	\$ 0.07939	0.06386	\$ 0.08030
TOU-GS-1-D	2018	Demand	Summer	On-Peak	\$	14.55	\$ 14.85	\$ 17.40	14.85	\$ 17.55
TOU-GS-1-D	2018	Demand	Winter	Mid-peak	\$	3.38	\$ 3.45	\$ 4.04	3.45	\$ 4.07
TOU-GS-1-E	2018	Energy	Summer	Off-Peak	\$	0.05244	\$ 0.05407	\$ 0.06792	0.05407	\$ 0.06873
TOU-GS-1-E	2018	Energy	Summer	Mid-peak	\$	0.09810	\$ 0.10067	\$ 0.12251	0.10067	\$ 0.12380
TOU-GS-1-E	2018	Energy	Summer	On-Peak	\$	0.28588	\$ 0.29232	\$ 0.34704	0.29232	\$ 0.35026
TOU-GS-1-E	2018	Energy	Winter	Off-Peak	\$	0.04269	\$ 0.04412	\$ 0.05626	0.04412	\$ 0.05697
TOU-GS-1-E	2018	Energy	Winter	Super Off-Peak	\$	0.01779	\$ 0.01870	\$ 0.02648	0.01870	\$ 0.02694
TOU-GS-1-E	2018	Energy	Winter	Mid-peak	\$	0.11769	\$ 0.12067	\$ 0.14594	0.12067	\$ 0.14743
TOU-GS-1-ES	2018	Energy	Summer	Off-Peak	\$	0.03310	\$ 0.03433	\$ 0.04479		\$ 0.04541
TOU-GS-1-ES	2018	Energy	Summer	Mid-peak	\$	0.11325	\$ 0.11613	\$ 0.14062		\$ 0.14206
TOU-GS-1-ES	2018	Energy	Summer	On-Peak	\$	0.40441	\$ 0.41329	\$ 0.48877		\$ 0.49321
TOU-GS-1-ES	2018	Energy	Winter	Off-Peak	\$	0.03894	\$ 0.04030	\$ 0.05178		\$ 0.05245
TOU-GS-1-ES	2018	Energy	Winter	Super Off-Peak	\$	0.01539	\$ 0.01626	\$ 0.02362		\$ 0.02405
TOU-GS-1-ES	2018	Energy	Winter	Mid-peak	\$	0.10992	\$ 0.11273	\$ 0.13664		\$ 0.13805
TOU-GS-1-PRI-A	2018	Energy	Summer	Off-Peak	\$	0.09040	\$ 0.09281	\$ 0.11331	0.09281	\$ 0.11451
TOU-GS-1-PRI-A	2018	Energy	Summer	Mid-peak	\$	0.09532	\$ 0.09783	\$ 0.11918	0.09783	\$ 0.12044
TOU-GS-1-PRI-A	2018	Energy	Summer	On-Peak	\$	0.10355	\$ 0.10623	\$ 0.12903	0.10623	\$ 0.13037
TOU-GS-1-PRI-A	2018	Energy	Winter	Off-Peak	\$	0.04589	\$ 0.04738	\$ 0.06008	0.04738	\$ 0.06083
TOU-GS-1-PRI-A	2018	Energy	Winter	Mid-peak	\$	0.05409	\$ 0.05575	\$ 0.06989	0.05575	\$ 0.07072
TOU-GS-1-PRI-B	2018	Energy	Summer	Off-Peak	\$	0.03392	\$ 0.03516	\$ 0.04577	0.03516	\$ 0.04639
TOU-GS-1-PRI-B	2018	Energy	Summer	Mid-peak	\$	0.03647	\$ 0.03777	\$ 0.04882	0.03777	\$ 0.04947
TOU-GS-1-PRI-B	2018	Energy	Summer	On-Peak	\$	0.04074	\$ 0.04213	\$ 0.05393	0.04213	\$ 0.05462
TOU-GS-1-PRI-B	2018	Energy	Winter	Off-Peak	\$	0.04635	\$ 0.04786	\$ 0.06064	0.04786	\$ 0.06139
TOU-GS-1-PRI-B	2018	Energy	Winter	Mid-peak	\$	0.05456	\$ 0.05623	\$ 0.07045	0.05623	\$ 0.07128

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TOU-GS-1-PRI-B	2018	Demand	Summer	Mid-peak	\$ 3.30	\$ 3.37	\$ 3.95	\$ 3.37	\$ 3.98		
TOU-GS-1-PRI-B	2018	Demand	Summer	On-Peak	\$ 10.68	\$ 10.90	\$ 12.77	\$ 10.90	\$ 12.88		
TOU-GS-1-PRI-D	2018	Energy	Summer	Off-Peak	\$ 0.02790	\$ 0.02902	\$ 0.03857	\$ 0.02902	\$ 0.03913		
TOU-GS-1-PRI-D	2018	Energy	Summer	Mid-peak	\$ 0.05770	\$ 0.05944	\$ 0.07421	\$ 0.05944	\$ 0.07508		
TOU-GS-1-PRI-D	2018	Energy	Summer	On-Peak	\$ 0.06653	\$ 0.06845	\$ 0.08476	\$ 0.06845	\$ 0.08572		
TOU-GS-1-PRI-D	2018	Energy	Winter	Off-Peak	\$ 0.03590	\$ 0.03718	\$ 0.04813	\$ 0.03718	\$ 0.04878		
TOU-GS-1-PRI-D	2018	Energy	Winter	Super Off-Peak	\$ 0.02025	\$ 0.02122	\$ 0.02943	\$ 0.02122	\$ 0.02991		
TOU-GS-1-PRI-D	2018	Energy	Winter	Mid-peak	\$ 0.06119	\$ 0.06300	\$ 0.07838	\$ 0.06300	\$ 0.07928		
TOU-GS-1-PRI-D	2018	Demand	Summer	On-Peak	\$ 14.45	\$ 14.74	\$ 17.27	\$ 14.74	\$ 17.42		
TOU-GS-1-PRI-D	2018	Demand	Winter	Mid-peak	\$ 3.27	\$ 3.34	\$ 3.91	\$ 3.34	\$ 3.95		
TOU-GS-1-PRI-E	2018	Energy	Summer	Off-Peak	\$ 0.05113	\$ 0.05273	\$ 0.06635	\$ 0.05273	\$ 0.06715		
TOU-GS-1-PRI-E	2018	Energy	Summer	Mid-peak	\$ 0.09679	\$ 0.09933	\$ 0.12095	\$ 0.09933	\$ 0.12222		
TOU-GS-1-PRI-E	2018	Energy	Summer	On-Peak	\$ 0.28457	\$ 0.29098	\$ 0.34548	\$ 0.29098	\$ 0.34868		
TOU-GS-1-PRI-E	2018	Energy	Winter	Off-Peak	\$ 0.04138	\$ 0.04278	\$ 0.05469	\$ 0.04278	\$ 0.05539		
TOU-GS-1-PRI-E	2018	Energy	Winter	Super Off-Peak	\$ 0.01648	\$ 0.01737	\$ 0.02492	\$ 0.01737	\$ 0.02536		
TOU-GS-1-PRI-E	2018	Energy	Winter	Mid-peak	\$ 0.11638	\$ 0.11933	\$ 0.14437	\$ 0.11933	\$ 0.14585		
TOU-GS-1-PRI-ES	2018	Energy	Summer	Off-Peak	\$ 0.03179	\$ 0.03299	\$ 0.04322		\$ 0.04383		
TOU-GS-1-PRI-ES	2018	Energy	Summer	Mid-peak	\$ 0.11194	\$ 0.11479	\$ 0.13906		\$ 0.14048		
TOU-GS-1-PRI-ES	2018	Energy	Summer	On-Peak	\$ 0.40310	\$ 0.41195	\$ 0.48720		\$ 0.49163		
TOU-GS-1-PRI-ES	2018	Energy	Winter	Off-Peak	\$ 0.03763	\$ 0.03896	\$ 0.05021		\$ 0.05087		
TOU-GS-1-PRI-ES	2018	Energy	Winter	Super Off-Peak	\$ 0.01408	\$ 0.01492	\$ 0.02205		\$ 0.02247		
TOU-GS-1-PRI-ES	2018	Energy	Winter	Mid-peak	\$ 0.10861	\$ 0.11139	\$ 0.13507		\$ 0.13647		
TOU-GS-1-SUB-A	2018	Energy	Summer	Off-Peak	\$ 0.08881	\$ 0.09119	\$ 0.11140	\$ 0.09119	\$ 0.11259		
TOU-GS-1-SUB-A	2018	Energy	Summer	Mid-peak	\$ 0.09372	\$ 0.09620	\$ 0.11728	\$ 0.09620	\$ 0.11852		
TOU-GS-1-SUB-A	2018	Energy	Summer	On-Peak	\$ 0.10196	\$ 0.10461	\$ 0.12712	\$ 0.10461	\$ 0.12845		
TOU-GS-1-SUB-A	2018	Energy	Winter	Off-Peak	\$ 0.04429	\$ 0.04576	\$ 0.05818	\$ 0.04576	\$ 0.05891		
TOU-GS-1-SUB-A	2018	Energy	Winter	Mid-peak	\$ 0.05250	\$ 0.05413	\$ 0.06799	\$ 0.05413	\$ 0.06880		
TOU-GS-1-SUB-B	2018	Energy	Summer	Off-Peak	\$ 0.03318	\$ 0.03441	\$ 0.04488	\$ 0.03441	\$ 0.04550		
TOU-GS-1-SUB-B	2018	Energy	Summer	Mid-peak	\$ 0.03573	\$ 0.03702	\$ 0.04794	\$ 0.03702	\$ 0.04858		
TOU-GS-1-SUB-B	2018	Energy	Summer	On-Peak	\$ 0.04000	\$ 0.04138	\$ 0.05304	\$ 0.04138	\$ 0.05373		
TOU-GS-1-SUB-B	2018	Energy	Winter	Off-Peak	\$ 0.04561	\$ 0.04710	\$ 0.05975	\$ 0.04710	\$ 0.06050		
TOU-GS-1-SUB-B	2018	Energy	Winter	Mid-peak	\$ 0.05382	\$ 0.05548	\$ 0.06956	\$ 0.05548	\$ 0.07039		
TOU-GS-1-SUB-B	2018	Demand	Summer	Mid-peak	\$ 3.03	\$ 3.09	\$ 3.62	\$ 3.09	\$ 3.65		
TOU-GS-1-SUB-B	2018	Demand	Summer	On-Peak	\$ 10.41	\$ 10.62	\$ 12.44	\$ 10.62	\$ 12.55		
TOU-GS-1-SUB-D	2018	Energy	Summer	Off-Peak	\$ 0.02716	\$ 0.02827	\$ 0.03769	\$ 0.02827	\$ 0.03824		
TOU-GS-1-SUB-D	2018	Energy	Summer	Mid-peak	\$ 0.05696	\$ 0.05869	\$ 0.07333	\$ 0.05869	\$ 0.07419		
TOU-GS-1-SUB-D	2018	Energy	Summer	On-Peak	\$ 0.06579	\$ 0.06769	\$ 0.08388	\$ 0.06769	\$ 0.08483		
TOU-GS-1-SUB-D	2018	Energy	Winter	Off-Peak	\$ 0.03516	\$ 0.03643	\$ 0.04725	\$ 0.03643	\$ 0.04789		
TOU-GS-1-SUB-D	2018	Energy	Winter	Super Off-Peak	\$ 0.01952	\$ 0.02047	\$ 0.02855	\$ 0.02047	\$ 0.02902		
TOU-GS-1-SUB-D	2018	Energy	Winter	Mid-peak	\$ 0.06045	\$ 0.06224	\$ 0.07749	\$ 0.06224	\$ 0.07839		
TOU-GS-1-SUB-D	2018	Demand	Summer	On-Peak	\$ 14.23	\$ 14.53	\$ 17.02	\$ 14.53	\$ 17.17		

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CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN	DEFAULT CARE 100% GREEN	DEFAULT 100% GREEN
TOU-GS-1-SUB-D	2018	Demand	Winter	Mid-peak	\$ 3.06	\$ 3.12	\$ 3.66	\$ 3.12	\$ 3.69
TOU-GS-1-SUB-E	2018	Energy	Summer	Off-Peak	\$ 0.04954	\$ 0.05111	\$ 0.06444	\$ 0.05111	\$ 0.06523
TOU-GS-1-SUB-E	2018	Energy	Summer	Mid-peak	\$ 0.09520	\$ 0.09771	\$ 0.11904	\$ 0.09771	\$ 0.12030
TOU-GS-1-SUB-E	2018	Energy	Summer	On-Peak	\$ 0.28298	\$ 0.28936	\$ 0.34357	\$ 0.28936	\$ 0.34676
TOU-GS-1-SUB-E	2018	Energy	Winter	Off-Peak	\$ 0.03979	\$ 0.04116	\$ 0.05279	\$ 0.04116	\$ 0.05347
TOU-GS-1-SUB-E	2018	Energy	Winter	Super Off-Peak	\$ 0.01489	\$ 0.01574	\$ 0.02301	\$ 0.01574	\$ 0.02344
TOU-GS-1-SUB-E	2018	Energy	Winter	Mid-peak	\$ 0.11479	\$ 0.11771	\$ 0.14247	\$ 0.11771	\$ 0.14393
TOU-GS-2-B	2018	Energy	Summer	Off-Peak	\$ 0.03448	\$ 0.03572	\$ 0.04630	\$ 0.03572	\$ 0.04692
TOU-GS-2-B	2018	Energy	Summer	Mid-peak	\$ 0.03699	\$ 0.03828	\$ 0.04929	\$ 0.03828	\$ 0.04994
TOU-GS-2-B	2018	Energy	Summer	On-Peak	\$ 0.04119	\$ 0.04257	\$ 0.05432	\$ 0.04257	\$ 0.05501
TOU-GS-2-B	2018	Energy	Winter	Off-Peak	\$ 0.02503	\$ 0.02608	\$ 0.03500	\$ 0.02608	\$ 0.03553
TOU-GS-2-B	2018	Energy	Winter	Mid-peak	\$ 0.05555	\$ 0.05723	\$ 0.07149	\$ 0.05723	\$ 0.07233
TOU-GS-2-B	2018	Demand	Summer	Mid-peak	\$ 4.57	\$ 4.67	\$ 5.47	\$ 4.67	\$ 5.51
TOU-GS-2-B	2018	Demand	Summer	On-Peak	\$ 13.76	\$ 14.04	\$ 16.45	\$ 14.04	\$ 16.59
TOU-GS-2-D	2018	Energy	Summer	Off-Peak	\$ 0.02840	\$ 0.02952	\$ 0.03903	\$ 0.02952	\$ 0.03959
TOU-GS-2-D	2018	Energy	Summer	Mid-peak	\$ 0.05764	\$ 0.05936	\$ 0.07399	\$ 0.05936	\$ 0.07485
TOU-GS-2-D	2018	Energy	Summer	On-Peak	\$ 0.06699	\$ 0.06890	\$ 0.08517	\$ 0.06890	\$ 0.08612
TOU-GS-2-D	2018	Energy	Winter	Off-Peak	\$ 0.03398	\$ 0.03521	\$ 0.04569	\$ 0.03521	\$ 0.04631
TOU-GS-2-D	2018	Energy	Winter	Super Off-Peak	\$ 0.01247	\$ 0.01326	\$ 0.01998	\$ 0.01326	\$ 0.02038
TOU-GS-2-D	2018	Energy	Winter	Mid-peak	\$ 0.04544	\$ 0.04691	\$ 0.05940	\$ 0.04691	\$ 0.06014
TOU-GS-2-D	2018	Demand	Summer	On-Peak	\$ 19.60	\$ 20.01	\$ 23.44	\$ 20.01	\$ 23.64
TOU-GS-2-D	2018	Demand	Winter	Mid-peak	\$ 3.97	\$ 4.05	\$ 4.75	\$ 4.05	\$ 4.79
TOU-GS-2-E	2018	Energy	Summer	Off-Peak	\$ 0.02847	\$ 0.02959	\$ 0.03911	\$ 0.02959	\$ 0.03967
TOU-GS-2-E	2018	Energy	Summer	Mid-peak	\$ 0.05770	\$ 0.05943	\$ 0.07407	\$ 0.05943	\$ 0.07493
TOU-GS-2-E	2018	Energy	Summer	On-Peak	\$ 0.32464	\$ 0.33186	\$ 0.39323	\$ 0.33186	\$ 0.39685
TOU-GS-2-E	2018	Energy	Winter	Off-Peak	\$ 0.03404	\$ 0.03528	\$ 0.04578	\$ 0.03528	\$ 0.04639
TOU-GS-2-E	2018	Energy	Winter	Super Off-Peak	\$ 0.01254	\$ 0.01333	\$ 0.02006	\$ 0.01333	\$ 0.02046
TOU-GS-2-E	2018	Energy	Winter	Mid-peak	\$ 0.08688	\$ 0.08920	\$ 0.10895	\$ 0.08920	\$ 0.11011
TOU-GS-2-E	2018	Demand	Summer	On-Peak	\$ 4.30	\$ 4.39	\$ 5.14	\$ 4.39	\$ 5.19
TOU-GS-2-E	2018	Demand	Winter	Mid-peak	\$ 0.83	\$ 0.85	\$ 1.00	\$ 0.85	\$ 1.01
TOU-GS-2-PRI-B	2018	Energy	Summer	Off-Peak	\$ 0.03360	\$ 0.03482	\$ 0.04524	\$ 0.03482	\$ 0.04585
TOU-GS-2-PRI-B	2018	Energy	Summer	Mid-peak	\$ 0.03610	\$ 0.03738	\$ 0.04824	\$ 0.03738	\$ 0.04888
TOU-GS-2-PRI-B	2018	Energy	Summer	On-Peak	\$ 0.04031	\$ 0.04167	\$ 0.05326	\$ 0.04167	\$ 0.05395
TOU-GS-2-PRI-B	2018	Energy	Winter	Off-Peak	\$ 0.02415	\$ 0.02518	\$ 0.03395	\$ 0.02518	\$ 0.03446
TOU-GS-2-PRI-B	2018	Energy	Winter	Mid-peak	\$ 0.05467	\$ 0.05633	\$ 0.07043	\$ 0.05633	\$ 0.07126
TOU-GS-2-PRI-B	2018	Demand	Summer	Mid-peak	\$ 4.39	\$ 4.48	\$ 5.25	\$ 4.48	\$ 5.29
TOU-GS-2-PRI-B	2018	Demand	Summer	On-Peak	\$ 13.57	\$ 13.85	\$ 16.23	\$ 13.85	\$ 16.37
TOU-GS-2-PRI-D	2018	Energy	Summer	Off-Peak	\$ 0.02752	\$ 0.02862	\$ 0.03797	\$ 0.02862	\$ 0.03852
TOU-GS-2-PRI-D	2018	Energy	Summer	Mid-peak	\$ 0.05675	\$ 0.05846	\$ 0.07293	\$ 0.05846	\$ 0.07378
TOU-GS-2-PRI-D	2018	Energy	Summer	On-Peak	\$ 0.06610	\$ 0.06800	\$ 0.08411	\$ 0.06800	\$ 0.08506
TOU-GS-2-PRI-D	2018	Energy	Winter	Off-Peak	\$ 0.03309	\$ 0.03431	\$ 0.04464	\$ 0.03431	\$ 0.04525

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CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN	DEFAULT CARE 100% GREEN	DEFAULT 100% GREEN
TOU-GS-2-PRI-D	2018	Energy	Winter	Super Off-Peak	\$ 0.01159	\$ 0.01236	\$ 0.01892	\$ 0.01236	\$ 0.01931
TOU-GS-2-PRI-D	2018	Energy	Winter	Mid-peak	\$ 0.04456	\$ 0.04601	\$ 0.05835	\$ 0.04601	\$ 0.05907
TOU-GS-2-PRI-D	2018	Demand	Summer	On-Peak	\$ 19.46	\$ 19.86	\$ 23.26	\$ 19.86	\$ 23.46
TOU-GS-2-PRI-D	2018	Demand	Winter	Mid-peak	\$ 3.83	\$ 3.90	\$ 4.57	\$ 3.90	\$ 4.61
TOU-GS-2-PRI-E	2018	Energy	Summer	Off-Peak	\$ 0.02725	\$ 0.02834	\$ 0.03765	\$ 0.02834	\$ 0.03820
TOU-GS-2-PRI-E	2018	Energy	Summer	Mid-peak	\$ 0.05648	\$ 0.05818	\$ 0.07260	\$ 0.05818	\$ 0.07345
TOU-GS-2-PRI-E	2018	Energy	Summer	On-Peak	\$ 0.32341	\$ 0.33061	\$ 0.39177	\$ 0.33061	\$ 0.39537
TOU-GS-2-PRI-E	2018	Energy	Winter	Off-Peak	\$ 0.03282	\$ 0.03403	\$ 0.04431	\$ 0.03403	\$ 0.04492
TOU-GS-2-PRI-E	2018	Energy	Winter	Super Off-Peak	\$ 0.01131	\$ 0.01208	\$ 0.01860	\$ 0.01208	\$ 0.01898
TOU-GS-2-PRI-E	2018	Energy	Winter	Mid-peak	\$ 0.08566	\$ 0.08795	\$ 0.10749	\$ 0.08795	\$ 0.10864
TOU-GS-2-PRI-E	2018	Demand	Summer	On-Peak	\$ 4.27	\$ 4.36	\$ 5.11	\$ 4.36	\$ 5.15
TOU-GS-2-PRI-E	2018	Demand	Winter	Mid-peak	\$ 0.81	\$ 0.82	\$ 0.96	\$ 0.82	\$ 0.97
TOU-GS-2-PRI-R	2018	Energy	Summer	Off-Peak	\$ 0.03316	\$ 0.03438	\$ 0.04472	\$ 0.03438	\$ 0.04533
TOU-GS-2-PRI-R	2018	Energy	Summer	Mid-peak	\$ 0.08302	\$ 0.08526	\$ 0.10433	\$ 0.08526	\$ 0.10545
TOU-GS-2-PRI-R	2018	Energy	Summer	On-Peak	\$ 0.20902	\$ 0.21386	\$ 0.25499	\$ 0.21386	\$ 0.25741
TOU-GS-2-PRI-R	2018	Energy	Winter	Off-Peak	\$ 0.02371	\$ 0.02474	\$ 0.03342	\$ 0.02474	\$ 0.03393
TOU-GS-2-PRI-R	2018	Energy	Winter	Mid-peak	\$ 0.05423	\$ 0.05588	\$ 0.06991	\$ 0.05588	\$ 0.07074
TOU-GS-2-R	2018	Energy	Summer	Off-Peak	\$ 0.03448	\$ 0.03572	\$ 0.04630	\$ 0.03572	\$ 0.04692
TOU-GS-2-R	2018	Energy	Summer	Mid-peak	\$ 0.08434	\$ 0.08661	\$ 0.10591	\$ 0.08661	\$ 0.10705
TOU-GS-2-R	2018	Energy	Summer	On-Peak	\$ 0.21034	\$ 0.21521	\$ 0.25657	\$ 0.21521	\$ 0.25901
TOU-GS-2-R	2018	Energy	Winter	Off-Peak	\$ 0.02503	\$ 0.02608	\$ 0.03500	\$ 0.02608	\$ 0.03553
TOU-GS-2-R	2018	Energy	Winter	Mid-peak	\$ 0.05555	\$ 0.05723	\$ 0.07149	\$ 0.05723	\$ 0.07233
TOU-GS-2-SUB-B	2018	Energy	Summer	Off-Peak	\$ 0.03254	\$ 0.03374	\$ 0.04398	\$ 0.03374	\$ 0.04458
TOU-GS-2-SUB-B	2018	Energy	Summer	Mid-peak	\$ 0.03504	\$ 0.03630	\$ 0.04697	\$ 0.03630	\$ 0.04760
TOU-GS-2-SUB-B	2018	Energy	Summer	On-Peak	\$ 0.03925	\$ 0.04059	\$ 0.05200	\$ 0.04059	\$ 0.05267
TOU-GS-2-SUB-B	2018	Energy	Winter	Off-Peak	\$ 0.02309	\$ 0.02410	\$ 0.03268	\$ 0.02410	\$ 0.03319
TOU-GS-2-SUB-B	2018	Energy	Winter	Mid-peak	\$ 0.05361	\$ 0.05525	\$ 0.06917	\$ 0.05525	\$ 0.06999
TOU-GS-2-SUB-B	2018	Demand	Summer	Mid-peak	\$ 4.06	\$ 4.14	\$ 4.85	\$ 4.14	\$ 4.89
TOU-GS-2-SUB-B	2018	Demand	Summer	On-Peak	\$ 13.24	\$ 13.52	\$ 15.83	\$ 13.52	\$ 15.97
TOU-GS-2-SUB-D	2018	Energy	Summer	Off-Peak	\$ 0.02646	\$ 0.02754	\$ 0.03671	\$ 0.02754	\$ 0.03725
TOU-GS-2-SUB-D	2018	Energy	Summer	Mid-peak	\$ 0.05569	\$ 0.05738	\$ 0.07166	\$ 0.05738	\$ 0.07250
TOU-GS-2-SUB-D	2018	Energy	Summer	On-Peak	\$ 0.06504	\$ 0.06692	\$ 0.08284	\$ 0.06692	\$ 0.08378
TOU-GS-2-SUB-D	2018	Energy	Winter	Off-Peak	\$ 0.03203	\$ 0.03323	\$ 0.04337	\$ 0.03323	\$ 0.04397
TOU-GS-2-SUB-D	2018	Energy	Winter	Super Off-Peak	\$ 0.01053	\$ 0.01128	\$ 0.01766	\$ 0.01128	\$ 0.01803
TOU-GS-2-SUB-D	2018	Energy	Winter	Mid-peak	\$ 0.04350	\$ 0.04493	\$ 0.05708	\$ 0.04493	\$ 0.05780
TOU-GS-2-SUB-D	2018	Demand	Summer	On-Peak	\$ 19.19	\$ 19.58	\$ 22.94	\$ 19.58	\$ 23.14
TOU-GS-2-SUB-D	2018	Demand	Winter	Mid-peak	\$ 3.55	\$ 3.63	\$ 4.25	\$ 3.63	\$ 4.29
TOU-GS-3-B	2018	Energy	Summer	Off-Peak	\$ 0.03317	\$ 0.03434	\$ 0.04435	\$ 0.03434	\$ 0.04494
TOU-GS-3-B	2018	Energy	Summer	Mid-peak	\$ 0.03547	\$ 0.03669	\$ 0.04710	\$ 0.03669	\$ 0.04771
TOU-GS-3-B	2018	Energy	Summer	On-Peak	\$ 0.03952	\$ 0.04083	\$ 0.05194	\$ 0.04083	\$ 0.05259
TOU-GS-3-B	2018	Energy	Winter	Off-Peak	\$ 0.04197	\$ 0.04420	\$ 0.04423	\$ 0.02569	\$ 0.04473



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CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN	DEFAULT CARE 100% GREEN	DEFAULT 100% GREEN
TOU-GS-3-B	2018	Energy	Winter	Mid-peak	\$ 0.07392	\$ 0.07725	\$ 0.07728	\$ 0.04976	\$ 0.07802
TOU-GS-3-B	2018	Demand	Summer	Mid-peak	\$ 4.21	\$ 4.30	\$ 5.04	\$ 4.30	\$ 5.08
TOU-GS-3-B	2018	Demand	Summer	On-Peak	\$ 12.67	\$ 12.93	\$ 15.15	\$ 12.93	\$ 15.28
TOU-GS-3-D	2018	Energy	Summer	Off-Peak	\$ 0.02799	\$ 0.02906	\$ 0.03816	\$ 0.02906	\$ 0.03870
TOU-GS-3-D	2018	Energy	Summer	Mid-peak	\$ 0.05506	\$ 0.05669	\$ 0.07053	\$ 0.05669	\$ 0.07134
TOU-GS-3-D	2018	Energy	Summer	On-Peak	\$ 0.06391	\$ 0.06572	\$ 0.08110	\$ 0.06572	\$ 0.08201
TOU-GS-3-D	2018	Energy	Winter	Off-Peak	\$ 0.05365	\$ 0.05628	\$ 0.05631	\$ 0.03449	\$ 0.05690
TOU-GS-3-D	2018	Energy	Winter	Super Off-Peak	\$ 0.02581	\$ 0.02750	\$ 0.02752	\$ 0.01353	\$ 0.02790
TOU-GS-3-D	2018	Energy	Winter	Mid-peak	\$ 0.06850	\$ 0.07164	\$ 0.07167	\$ 0.04568	\$ 0.07238
TOU-GS-3-D	2018	Demand	Summer	On-Peak	\$ 18.98	\$ 19.37	\$ 22.70	\$ 19.37	\$ 22.89
TOU-GS-3-D	2018	Demand	Winter	Mid-peak	\$ 4.68	\$ 4.84	\$ 4.84	\$ 3.53	\$ 4.88
TOU-GS-3-E	2018	Energy	Summer	Off-Peak	\$ 0.02806	\$ 0.02913	\$ 0.03824	\$ 0.02913	\$ 0.03878
TOU-GS-3-E	2018	Energy	Summer	Mid-peak	\$ 0.05513	\$ 0.05676	\$ 0.07061	\$ 0.05676	\$ 0.07142
TOU-GS-3-E	2018	Energy	Summer	On-Peak	\$ 0.28984	\$ 0.29630	\$ 0.35124	\$ 0.29630	\$ 0.35448
TOU-GS-3-E	2018	Energy	Winter	Off-Peak	\$ 0.05374	\$ 0.05638	\$ 0.05641	\$ 0.03456	\$ 0.05700
TOU-GS-3-E	2018	Energy	Winter	Super Off-Peak	\$ 0.02590	\$ 0.02760	\$ 0.02761	\$ 0.01360	\$ 0.02799
TOU-GS-3-E	2018	Energy	Winter	Mid-peak	\$ 0.11247	\$ 0.11710	\$ 0.11715	\$ 0.07880	\$ 0.11819
TOU-GS-3-E	2018	Demand	Summer	On-Peak	\$ 4.17	\$ 4.25	\$ 4.98	\$ 4.25	\$ 5.02
TOU-GS-3-E	2018	Demand	Winter	Mid-peak	\$ 0.99	\$ 1.02	\$ 1.02	\$ 0.74	\$ 1.03
TOU-GS-3-PRI-B	2018	Energy	Summer	Off-Peak	\$ 0.03229	\$ 0.03345	\$ 0.04330	\$ 0.03345	\$ 0.04388
TOU-GS-3-PRI-B	2018	Energy	Summer	Mid-peak	\$ 0.03460	\$ 0.03580	\$ 0.04605	\$ 0.03580	\$ 0.04666
TOU-GS-3-PRI-B	2018	Energy	Summer	On-Peak	\$ 0.03864	\$ 0.03993	\$ 0.05090	\$ 0.03993	\$ 0.05154
TOU-GS-3-PRI-B	2018	Energy	Winter	Off-Peak	\$ 0.04078	\$ 0.04298	\$ 0.04300	\$ 0.02480	\$ 0.04349
TOU-GS-3-PRI-B	2018	Energy	Winter	Mid-peak	\$ 0.07274	\$ 0.07602	\$ 0.07606	\$ 0.04887	\$ 0.07679
TOU-GS-3-PRI-B	2018	Demand	Summer	Mid-peak	\$ 4.04	\$ 4.12	\$ 4.83	\$ 4.12	\$ 4.87
TOU-GS-3-PRI-B	2018	Demand	Summer	On-Peak	\$ 12.50	\$ 12.75	\$ 14.94	\$ 12.75	\$ 15.07
TOU-GS-3-PRI-D	2018	Energy	Summer	Off-Peak	\$ 0.02712	\$ 0.02817	\$ 0.03712	\$ 0.02817	\$ 0.03764
TOU-GS-3-PRI-D	2018	Energy	Summer	Mid-peak	\$ 0.05419	\$ 0.05580	\$ 0.06948	\$ 0.05580	\$ 0.07029
TOU-GS-3-PRI-D	2018	Energy	Summer	On-Peak	\$ 0.06303	\$ 0.06483	\$ 0.08006	\$ 0.06483	\$ 0.08095
TOU-GS-3-PRI-D	2018	Energy	Winter	Off-Peak	\$ 0.05246	\$ 0.05506	\$ 0.05509	\$ 0.03360	\$ 0.05567
TOU-GS-3-PRI-D	2018	Energy	Winter	Super Off-Peak	\$ 0.02463	\$ 0.02628	\$ 0.02629	\$ 0.01263	\$ 0.02666
TOU-GS-3-PRI-D	2018	Energy	Winter	Mid-peak	\$ 0.06732	\$ 0.07042	\$ 0.07045	\$ 0.04479	\$ 0.07114
TOU-GS-3-PRI-D	2018	Demand	Summer	On-Peak	\$ 18.84	\$ 19.22	\$ 22.52	\$ 19.22	\$ 22.72
TOU-GS-3-PRI-D	2018	Demand	Winter	Mid-peak	\$ 4.49	\$ 4.64	\$ 4.64	\$ 3.38	\$ 4.67
TOU-GS-3-PRI-E	2018	Energy	Summer	Off-Peak	\$ 0.02690	\$ 0.02794	\$ 0.03685	\$ 0.02794	\$ 0.03737
TOU-GS-3-PRI-E	2018	Energy	Summer	Mid-peak	\$ 0.05396	\$ 0.05557	\$ 0.06921	\$ 0.05557	\$ 0.07002
TOU-GS-3-PRI-E	2018	Energy	Summer	On-Peak	\$ 0.28867	\$ 0.29511	\$ 0.34985	\$ 0.29511	\$ 0.35307
TOU-GS-3-PRI-E	2018	Energy	Winter	Off-Peak	\$ 0.05216	\$ 0.05475	\$ 0.05477	\$ 0.03337	\$ 0.05535
TOU-GS-3-PRI-E	2018	Energy	Winter	Super Off-Peak	\$ 0.02432	\$ 0.02596	\$ 0.02598	\$ 0.01241	\$ 0.02635
TOU-GS-3-PRI-E	2018	Energy	Winter	Mid-peak	\$ 0.11089	\$ 0.11547	\$ 0.11552	\$ 0.07761	\$ 0.11654
TOU-GS-3-PRI-E	2018	Demand	Summer	On-Peak	\$ 4.14	\$ 4.22	\$ 4.95	\$ 4.22	\$ 4.99

Energy rates are shown in \$/kWh and demand rates are shown in \$/kW.

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CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN	DEFAULT CARE 100% GREEN	DEFAULT 100% GREEN
TOU-GS-3-PRI-E	2018	Demand	Winter	Mid-peak	\$ 0.95	\$ 0.98	\$ 0.98	\$ 0.71	\$ 0.99
TOU-GS-3-PRI-R	2018	Energy	Summer	Off-Peak	\$ 0.03192	\$ 0.03307	\$ 0.04285	\$ 0.03307	\$ 0.04343
TOU-GS-3-PRI-R	2018	Energy	Summer	Mid-peak	\$ 0.07336	\$ 0.07537	\$ 0.09241	\$ 0.07537	\$ 0.09341
TOU-GS-3-PRI-R	2018	Energy	Summer	On-Peak	\$ 0.18594	\$ 0.19026	\$ 0.22702	\$ 0.19026	\$ 0.22918
TOU-GS-3-PRI-R	2018	Energy	Winter	Off-Peak	\$ 0.04027	\$ 0.04245	\$ 0.04247	\$ 0.02442	\$ 0.04296
TOU-GS-3-PRI-R	2018	Energy	Winter	Mid-peak	\$ 0.07222	\$ 0.07549	\$ 0.07552	\$ 0.04849	\$ 0.07626
TOU-GS-3-R	2018	Energy	Summer	Off-Peak	\$ 0.03317	\$ 0.03434	\$ 0.04435	\$ 0.03434	\$ 0.04494
TOU-GS-3-R	2018	Energy	Summer	Mid-peak	\$ 0.07462	\$ 0.07665	\$ 0.09391	\$ 0.07665	\$ 0.09492
TOU-GS-3-R	2018	Energy	Summer	On-Peak	\$ 0.18719	\$ 0.19154	\$ 0.22851	\$ 0.19154	\$ 0.23069
TOU-GS-3-R	2018	Energy	Winter	Off-Peak	\$ 0.04197	\$ 0.04420	\$ 0.04423	\$ 0.02569	\$ 0.04473
TOU-GS-3-R	2018	Energy	Winter	Mid-peak	\$ 0.07392	\$ 0.07725	\$ 0.07728	\$ 0.04976	\$ 0.07802
TOU-PA-2-A	2018	Energy	Summer	Off-Peak	\$ 0.03158	\$ 0.03274	\$ 0.04253		\$ 0.04311
TOU-PA-2-A	2018	Energy	Summer	Mid-peak	\$ 0.06423	\$ 0.06606	\$ 0.08157		\$ 0.08249
TOU-PA-2-A	2018	Energy	Summer	On-Peak	\$ 0.18890	\$ 0.19329	\$ 0.23063		\$ 0.23283
TOU-PA-2-A	2018	Energy	Winter	Off-Peak	\$ 0.04750	\$ 0.05008	\$ 0.05031		\$ 0.05081
TOU-PA-2-A	2018	Energy	Winter	Mid-peak	\$ 0.08508	\$ 0.08900	\$ 0.08935		\$ 0.09012
TOU-PA-2-B	2018	Energy	Summer	Off-Peak	\$ 0.03158	\$ 0.03274	\$ 0.04253		\$ 0.04311
TOU-PA-2-B	2018	Energy	Summer	Mid-peak	\$ 0.03311	\$ 0.03429	\$ 0.04436		\$ 0.04495
TOU-PA-2-B	2018	Energy	Summer	On-Peak	\$ 0.03780	\$ 0.03908	\$ 0.04996		\$ 0.05060
TOU-PA-2-B	2018	Energy	Winter	Off-Peak	\$ 0.04750	\$ 0.05008	\$ 0.05031		\$ 0.05081
TOU-PA-2-B	2018	Energy	Winter	Mid-peak	\$ 0.08508	\$ 0.08900	\$ 0.08935		\$ 0.09012
TOU-PA-2-B	2018	Demand	Summer	Mid-peak	\$ 2.77	\$ 2.82	\$ 3.31		\$ 3.34
TOU-PA-2-B	2018	Demand	Summer	On-Peak	\$ 9.06	\$ 9.25	\$ 10.83		\$ 10.92
TOU-PA-2-D	2018	Energy	Summer	Off-Peak	\$ 0.02691	\$ 0.02797	\$ 0.03695		\$ 0.03748
TOU-PA-2-D	2018	Energy	Summer	Mid-peak	\$ 0.05170	\$ 0.05327	\$ 0.06659		\$ 0.06737
TOU-PA-2-D	2018	Energy	Summer	On-Peak	\$ 0.06022	\$ 0.06197	\$ 0.07678		\$ 0.07765
TOU-PA-2-D	2018	Energy	Winter	Off-Peak	\$ 0.05065	\$ 0.05334	\$ 0.05358		\$ 0.05411
TOU-PA-2-D	2018	Energy	Winter	Super Off-Peak	\$ 0.03969	\$ 0.04199	\$ 0.04219		\$ 0.04264
TOU-PA-2-D	2018	Energy	Winter	Mid-peak	\$ 0.06991	\$ 0.07329	\$ 0.07358		\$ 0.07425
TOU-PA-2-D	2018	Demand	Summer	On-Peak	\$ 12.00	\$ 12.25	\$ 14.35		\$ 14.47
TOU-PA-2-D	2018	Demand	Winter	Mid-peak	\$ 3.08	\$ 3.19	\$ 3.20		\$ 3.22
TOU-PA-2-D-5TO8	2018	Energy	Summer	Off-Peak	\$ 0.02729	\$ 0.02836	\$ 0.03740		\$ 0.03793
TOU-PA-2-D-5TO8	2018	Energy	Summer	Mid-peak	\$ 0.09669	\$ 0.09919	\$ 0.12038		\$ 0.12163
TOU-PA-2-D-5TO8	2018	Energy	Summer	On-Peak	\$ 0.11128	\$ 0.11407	\$ 0.13782		\$ 0.13922
TOU-PA-2-D-5TO8	2018	Energy	Winter	Off-Peak	\$ 0.05113	\$ 0.05384	\$ 0.05408		\$ 0.05461
TOU-PA-2-D-5TO8	2018	Energy	Winter	Super Off-Peak	\$ 0.04010	\$ 0.04241	\$ 0.04262		\$ 0.04307
TOU-PA-2-D-5TO8	2018	Energy	Winter	Mid-peak	\$ 0.07050	\$ 0.07390	\$ 0.07420		\$ 0.07487
TOU-PA-2-D-5TO8	2018	Demand	Summer	On-Peak	\$ 12.02	\$ 12.27	\$ 14.37		\$ 14.50
TOU-PA-2-D-5TO8	2018	Demand	Winter	Mid-peak	\$ 3.16	\$ 3.28	\$ 3.29		\$ 3.31
TOU-PA-2-E	2018	Energy	Summer	Off-Peak	\$ 0.02698	\$ 0.02804	\$ 0.03703		\$ 0.03756
TOU-PA-2-E	2018	Energy	Summer	Mid-peak	\$ 0.05177	\$ 0.05334	\$ 0.06667		\$ 0.06745

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CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN	DEFAULT CARE 100% GREEN	DEFAULT 100% GREEN
TOU-PA-2-E	2018	Energy	Summer	On-Peak	\$ 0.30380	\$ 0.31056	\$ 0.36802		\$ 0.37140
TOU-PA-2-E	2018	Energy	Winter	Off-Peak	\$ 0.06258	\$ 0.06569	\$ 0.06597		\$ 0.06658
TOU-PA-2-E	2018	Energy	Winter	Super Off-Peak	\$ 0.04988	\$ 0.05254	\$ 0.05277		\$ 0.05330
TOU-PA-2-E	2018	Energy	Winter	Mid-peak	\$ 0.08489	\$ 0.08881	\$ 0.08916		\$ 0.08993
TOU-PA-2-E-5TO8	2018	Energy	Summer	Off-Peak	\$ 0.02729	\$ 0.02836	\$ 0.03740		\$ 0.03793
TOU-PA-2-E-5TO8	2018	Energy	Summer	Mid-peak	\$ 0.09669	\$ 0.09919	\$ 0.12038		\$ 0.12163
TOU-PA-2-E-5TO8	2018	Energy	Summer	On-Peak	\$ 0.50434	\$ 0.51523	\$ 0.60780		\$ 0.61325
TOU-PA-2-E-5TO8	2018	Energy	Winter	Off-Peak	\$ 0.06297	\$ 0.06610	\$ 0.06638		\$ 0.06700
TOU-PA-2-E-5TO8	2018	Energy	Winter	Super Off-Peak	\$ 0.05021	\$ 0.05289	\$ 0.05312		\$ 0.05365
TOU-PA-2-E-5TO8	2018	Energy	Winter	Mid-peak	\$ 0.08539	\$ 0.08932	\$ 0.08967		\$ 0.09045
TOU-PA-2-PRI-A	2018	Energy	Summer	Off-Peak	\$ 0.03032	\$ 0.03145	\$ 0.04102		\$ 0.04159
TOU-PA-2-PRI-A	2018	Energy	Summer	Mid-peak	\$ 0.06297	\$ 0.06477	\$ 0.08007		\$ 0.08096
TOU-PA-2-PRI-A	2018	Energy	Summer	On-Peak	\$ 0.18764	\$ 0.19200	\$ 0.22913		\$ 0.23131
TOU-PA-2-PRI-A	2018	Energy	Winter	Off-Peak	\$ 0.04567	\$ 0.04818	\$ 0.04840		\$ 0.04889
TOU-PA-2-PRI-A	2018	Energy	Winter	Mid-peak	\$ 0.08324	\$ 0.08710	\$ 0.08744		\$ 0.08820
TOU-PA-2-PRI-B	2018	Energy	Summer	Off-Peak	\$ 0.03069	\$ 0.03182	\$ 0.04146		\$ 0.04203
TOU-PA-2-PRI-B	2018	Energy	Summer	Mid-peak	\$ 0.03221	\$ 0.03338	\$ 0.04329		\$ 0.04387
TOU-PA-2-PRI-B	2018	Energy	Summer	On-Peak	\$ 0.03690	\$ 0.03817	\$ 0.04889		\$ 0.04953
TOU-PA-2-PRI-B	2018	Energy	Winter	Off-Peak	\$ 0.04620	\$ 0.04873	\$ 0.04896		\$ 0.04946
TOU-PA-2-PRI-B	2018	Energy	Winter	Mid-peak	\$ 0.08378	\$ 0.08765	\$ 0.08800		\$ 0.08876
TOU-PA-2-PRI-B	2018	Demand	Summer	Mid-peak	\$ 2.63	\$ 2.69	\$ 3.15		\$ 3.17
TOU-PA-2-PRI-B	2018	Demand	Summer	On-Peak	\$ 8.92	\$ 9.11	\$ 10.67		\$ 10.76
TOU-PA-2-PRI-D	2018	Energy	Summer	Off-Peak	\$ 0.02602	\$ 0.02706	\$ 0.03588		\$ 0.03640
TOU-PA-2-PRI-D	2018	Energy	Summer	Mid-peak	\$ 0.05081	\$ 0.05236	\$ 0.06552		\$ 0.06629
TOU-PA-2-PRI-D	2018	Energy	Summer	On-Peak	\$ 0.05933	\$ 0.06106	\$ 0.07571		\$ 0.07657
TOU-PA-2-PRI-D	2018	Energy	Winter	Off-Peak	\$ 0.04935	\$ 0.05200	\$ 0.05223		\$ 0.05275
TOU-PA-2-PRI-D	2018	Energy	Winter	Super Off-Peak	\$ 0.03839	\$ 0.04064	\$ 0.04084		\$ 0.04128
TOU-PA-2-PRI-D	2018	Energy	Winter	Mid-peak	\$ 0.06861	\$ 0.07194	\$ 0.07223		\$ 0.07289
TOU-PA-2-PRI-D	2018	Demand	Summer	On-Peak	\$ 11.89	\$ 12.14	\$ 14.22		\$ 14.34
TOU-PA-2-PRI-D	2018	Demand	Winter	Mid-peak	\$ 2.92	\$ 3.03	\$ 3.04		\$ 3.06
TOU-PA-2-PRI-D-5TO8	2018	Energy	Summer	Off-Peak	\$ 0.02640	\$ 0.02744	\$ 0.03633		\$ 0.03686
TOU-PA-2-PRI-D-5TO8	2018	Energy	Summer	Mid-peak	\$ 0.09580	\$ 0.09827	\$ 0.11932		\$ 0.12055
TOU-PA-2-PRI-D-5TO8	2018	Energy	Summer	On-Peak	\$ 0.11038	\$ 0.11316	\$ 0.13675		\$ 0.13814
TOU-PA-2-PRI-D-5TO8	2018	Energy	Winter	Off-Peak	\$ 0.04983	\$ 0.05249	\$ 0.05273		\$ 0.05325
TOU-PA-2-PRI-D-5TO8	2018	Energy	Winter	Super Off-Peak	\$ 0.03880	\$ 0.04107	\$ 0.04127		\$ 0.04171
TOU-PA-2-PRI-D-5TO8	2018	Energy	Winter	Mid-peak	\$ 0.06920	\$ 0.07255	\$ 0.07285		\$ 0.07351
TOU-PA-2-PRI-D-5TO8	2018	Demand	Summer	On-Peak	\$ 11.91	\$ 12.16	\$ 14.24		\$ 14.37
TOU-PA-2-PRI-D-5TO8	2018	Demand	Winter	Mid-peak	\$ 3.01	\$ 3.12	\$ 3.13		\$ 3.15
TOU-PA-2-PRI-E	2018	Energy	Summer	Off-Peak	\$ 0.02572	\$ 0.02675	\$ 0.03552		\$ 0.03604
TOU-PA-2-PRI-E	2018	Energy	Summer	Mid-peak	\$ 0.05051	\$ 0.05205	\$ 0.06516		\$ 0.06593
TOU-PA-2-PRI-E	2018	Energy	Summer	On-Peak	\$ 0.30253	\$ 0.30927	\$ 0.36651		\$ 0.36987

Energy rates are shown in \$/kWh and demand rates are shown in \$/kW.

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CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN	DEFAULT CARE 100% GREEN	DEFAULT 100% GREEN
TOU-PA-2-PRI-E	2018	Energy	Winter	Off-Peak	\$ 0.06074	\$ 0.06379	\$ 0.06406		\$ 0.06466
TOU-PA-2-PRI-E	2018	Energy	Winter	Super Off-Peak	\$ 0.04804	\$ 0.05063	\$ 0.05086		\$ 0.05138
TOU-PA-2-PRI-E	2018	Energy	Winter	Mid-peak	\$ 0.08306	\$ 0.08691	\$ 0.08725		\$ 0.08801
TOU-PA-2-PRI-E-5TO8	2018	Energy	Summer	Off-Peak	\$ 0.02603	\$ 0.02707	\$ 0.03589		\$ 0.03641
TOU-PA-2-PRI-E-5TO8	2018	Energy	Summer	Mid-peak	\$ 0.09543	\$ 0.09790	\$ 0.11887		\$ 0.12011
TOU-PA-2-PRI-E-5TO8	2018	Energy	Summer	On-Peak	\$ 0.50307	\$ 0.51394	\$ 0.60629		\$ 0.61172
TOU-PA-2-PRI-E-5TO8	2018	Energy	Winter	Off-Peak	\$ 0.06113	\$ 0.06420	\$ 0.06447		\$ 0.06507
TOU-PA-2-PRI-E-5TO8	2018	Energy	Winter	Super Off-Peak	\$ 0.04838	\$ 0.05099	\$ 0.05122		\$ 0.05173
TOU-PA-2-PRI-E-5TO8	2018	Energy	Winter	Mid-peak	\$ 0.08355	\$ 0.08742	\$ 0.08776		\$ 0.08853
TOU-PA-3-A	2018	Energy	Summer	Off-Peak	\$ 0.02803	\$ 0.02907	\$ 0.03789		\$ 0.03841
TOU-PA-3-A	2018	Energy	Summer	Mid-peak	\$ 0.05752	\$ 0.05916	\$ 0.07314		\$ 0.07397
TOU-PA-3-A	2018	Energy	Summer	On-Peak	\$ 0.18589	\$ 0.19018	\$ 0.22664		\$ 0.22878
TOU-PA-3-A	2018	Energy	Winter	Off-Peak	\$ 0.05331	\$ 0.05592	\$ 0.05742		\$ 0.05788
TOU-PA-3-A	2018	Energy	Winter	Mid-peak	\$ 0.08993	\$ 0.09381	\$ 0.09603		\$ 0.09671
TOU-PA-3-B	2018	Energy	Summer	Off-Peak	\$ 0.02803	\$ 0.02907	\$ 0.03789		\$ 0.03841
TOU-PA-3-B	2018	Energy	Summer	Mid-peak	\$ 0.02927	\$ 0.03034	\$ 0.03937		\$ 0.03991
TOU-PA-3-B	2018	Energy	Summer	On-Peak	\$ 0.03362	\$ 0.03478	\$ 0.04457		\$ 0.04515
TOU-PA-3-B	2018	Energy	Winter	Off-Peak	\$ 0.05331	\$ 0.05592	\$ 0.05742		\$ 0.05788
TOU-PA-3-B	2018	Energy	Winter	Mid-peak	\$ 0.08993	\$ 0.09381	\$ 0.09603		\$ 0.09671
TOU-PA-3-B	2018	Demand	Summer	Mid-peak	\$ 2.77	\$ 2.82	\$ 3.31		\$ 3.34
TOU-PA-3-B	2018	Demand	Summer	On-Peak	\$ 10.18	\$ 10.39	\$ 12.18		\$ 12.28
TOU-PA-3-D	2018	Energy	Summer	Off-Peak	\$ 0.02385	\$ 0.02480	\$ 0.03288		\$ 0.03336
TOU-PA-3-D	2018	Energy	Summer	Mid-peak	\$ 0.04563	\$ 0.04703	\$ 0.05893		\$ 0.05964
TOU-PA-3-D	2018	Energy	Summer	On-Peak	\$ 0.05324	\$ 0.05480	\$ 0.06804		\$ 0.06881
TOU-PA-3-D	2018	Energy	Winter	Off-Peak	\$ 0.06351	\$ 0.06647	\$ 0.06817		\$ 0.06869
TOU-PA-3-D	2018	Energy	Winter	Super Off-Peak	\$ 0.03271	\$ 0.03461	\$ 0.03570		\$ 0.03604
TOU-PA-3-D	2018	Energy	Winter	Mid-peak	\$ 0.07994	\$ 0.08347	\$ 0.08550		\$ 0.08612
TOU-PA-3-D	2018	Demand	Summer	On-Peak	\$ 12.32	\$ 12.57	\$ 14.73		\$ 14.86
TOU-PA-3-D	2018	Demand	Winter	Mid-peak	\$ 3.68	\$ 3.81	\$ 3.88		\$ 3.91
TOU-PA-3-D-5TO8	2018	Energy	Summer	Off-Peak	\$ 0.02320	\$ 0.02413	\$ 0.03211		\$ 0.03258
TOU-PA-3-D-5TO8	2018	Energy	Summer	Mid-peak	\$ 0.08759	\$ 0.08985	\$ 0.10910		\$ 0.11023
TOU-PA-3-D-5TO8	2018	Energy	Summer	On-Peak	\$ 0.10083	\$ 0.10337	\$ 0.12493		\$ 0.12620
TOU-PA-3-D-5TO8	2018	Energy	Winter	Off-Peak	\$ 0.06269	\$ 0.06562	\$ 0.06731		\$ 0.06783
TOU-PA-3-D-5TO8	2018	Energy	Winter	Super Off-Peak	\$ 0.03216	\$ 0.03404	\$ 0.03512		\$ 0.03545
TOU-PA-3-D-5TO8	2018	Energy	Winter	Mid-peak	\$ 0.07898	\$ 0.08248	\$ 0.08448		\$ 0.08510
TOU-PA-3-D-5TO8	2018	Demand	Summer	On-Peak	\$ 12.83	\$ 13.09	\$ 15.34		\$ 15.47
TOU-PA-3-D-5TO8	2018	Demand	Winter	Mid-peak	\$ 4.57	\$ 4.73	\$ 4.82		\$ 4.84
TOU-PA-3-E	2018	Energy	Summer	Off-Peak	\$ 0.02391	\$ 0.02487	\$ 0.03297		\$ 0.03344
TOU-PA-3-E	2018	Energy	Summer	Mid-peak	\$ 0.04570	\$ 0.04710	\$ 0.05902		\$ 0.05972
TOU-PA-3-E	2018	Energy	Summer	On-Peak	\$ 0.27868	\$ 0.28488	\$ 0.33759		\$ 0.34069
TOU-PA-3-E	2018	Energy	Winter	Off-Peak	\$ 0.08492	\$ 0.08862	\$ 0.09075		\$ 0.09140

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TOU-PA-3-E	2018	Energy	Winter	Super Off-Peak	\$ 0.01670	\$ 0.01805	\$ 0.01882	\$	0.01906
TOU-PA-3-E	2018	Energy	Winter	Mid-peak	\$ 0.11231	\$ 0.11696	\$ 0.11962	\$	0.12044
TOU-PA-3-E-5TO8	2018	Energy	Summer	Off-Peak	\$ 0.02320	\$ 0.02413	\$ 0.03211	\$	0.03258
TOU-PA-3-E-5TO8	2018	Energy	Summer	Mid-peak	\$ 0.08759	\$ 0.08985	\$ 0.10910	\$	0.11023
TOU-PA-3-E-5TO8	2018	Energy	Summer	On-Peak	\$ 0.47115	\$ 0.48132	\$ 0.56772	\$	0.57281
TOU-PA-3-E-5TO8	2018	Energy	Winter	Off-Peak	\$ 0.08957	\$ 0.09343	\$ 0.09565	\$	0.09633
TOU-PA-3-E-5TO8	2018	Energy	Winter	Super Off-Peak	\$ 0.01839	\$ 0.01980	\$ 0.02060	\$	0.02085
TOU-PA-3-E-5TO8	2018	Energy	Winter	Mid-peak	\$ 0.11815	\$ 0.12300	\$ 0.12578	\$	0.12664
TOU-PA-3-PRI-A	2018	Energy	Summer	Off-Peak	\$ 0.02685	\$ 0.02786	\$ 0.03647	\$	0.03698
TOU-PA-3-PRI-A	2018	Energy	Summer	Mid-peak	\$ 0.05633	\$ 0.05795	\$ 0.07173	\$	0.07254
TOU-PA-3-PRI-A	2018	Energy	Summer	On-Peak	\$ 0.18471	\$ 0.18897	\$ 0.22522	\$	0.22736
TOU-PA-3-PRI-A	2018	Energy	Winter	Off-Peak	\$ 0.05131	\$ 0.05385	\$ 0.05531	\$	0.05576
TOU-PA-3-PRI-A	2018	Energy	Winter	Mid-peak	\$ 0.08793	\$ 0.09174	\$ 0.09392	\$	0.09460
TOU-PA-3-PRI-B	2018	Energy	Summer	Off-Peak	\$ 0.02715	\$ 0.02817	\$ 0.03683	\$	0.03734
TOU-PA-3-PRI-B	2018	Energy	Summer	Mid-peak	\$ 0.02839	\$ 0.02943	\$ 0.03832	\$	0.03884
TOU-PA-3-PRI-B	2018	Energy	Summer	On-Peak	\$ 0.03274	\$ 0.03387	\$ 0.04352	\$	0.04409
TOU-PA-3-PRI-B	2018	Energy	Winter	Off-Peak	\$ 0.05182	\$ 0.05438	\$ 0.05585	\$	0.05630
TOU-PA-3-PRI-B	2018	Energy	Winter	Mid-peak	\$ 0.08844	\$ 0.09226	\$ 0.09446	\$	0.09513
TOU-PA-3-PRI-B	2018	Demand	Summer	Mid-peak	\$ 2.62	\$ 2.68	\$ 3.13	\$	3.16
TOU-PA-3-PRI-B	2018	Demand	Summer	On-Peak	\$ 10.04	\$ 10.25	\$ 12.00	\$	12.11
TOU-PA-3-PRI-D	2018	Energy	Summer	Off-Peak	\$ 0.02296	\$ 0.02390	\$ 0.03183	\$	0.03229
TOU-PA-3-PRI-D	2018	Energy	Summer	Mid-peak	\$ 0.04475	\$ 0.04613	\$ 0.05788	\$	0.05857
TOU-PA-3-PRI-D	2018	Energy	Summer	On-Peak	\$ 0.05236	\$ 0.05390	\$ 0.06698	\$	0.06775
TOU-PA-3-PRI-D	2018	Energy	Winter	Off-Peak	\$ 0.06202	\$ 0.06493	\$ 0.06660	\$	0.06712
TOU-PA-3-PRI-D	2018	Energy	Winter	Super Off-Peak	\$ 0.03122	\$ 0.03307	\$ 0.03413	\$	0.03446
TOU-PA-3-PRI-D	2018	Energy	Winter	Mid-peak	\$ 0.07845	\$ 0.08193	\$ 0.08393	\$	0.08454
TOU-PA-3-PRI-D	2018	Demand	Summer	On-Peak	\$ 12.21	\$ 12.47	\$ 14.60	\$	14.73
TOU-PA-3-PRI-D	2018	Demand	Winter	Mid-peak	\$ 3.50	\$ 3.62	\$ 3.69	\$	3.72
TOU-PA-3-PRI-D-5TO8	2018	Energy	Summer	Off-Peak	\$ 0.02233	\$ 0.02325	\$ 0.03107	\$	0.03153
TOU-PA-3-PRI-D-5TO8	2018	Energy	Summer	Mid-peak	\$ 0.08672	\$ 0.08897	\$ 0.10806	\$	0.10919
TOU-PA-3-PRI-D-5TO8	2018	Energy	Summer	On-Peak	\$ 0.09996	\$ 0.10248	\$ 0.12390	\$	0.12516
TOU-PA-3-PRI-D-5TO8	2018	Energy	Winter	Off-Peak	\$ 0.06123	\$ 0.06412	\$ 0.06577	\$	0.06628
TOU-PA-3-PRI-D-5TO8	2018	Energy	Winter	Super Off-Peak	\$ 0.03070	\$ 0.03253	\$ 0.03358	\$	0.03391
TOU-PA-3-PRI-D-5TO8	2018	Energy	Winter	Mid-peak	\$ 0.07752	\$ 0.08097	\$ 0.08294	\$	0.08355
TOU-PA-3-PRI-D-5TO8	2018	Demand	Summer	On-Peak	\$ 12.71	\$ 12.97	\$ 15.20	\$	15.33
TOU-PA-3-PRI-D-5TO8	2018	Demand	Winter	Mid-peak	\$ 4.37	\$ 4.52	\$ 4.61	\$	4.64
TOU-PA-3-PRI-E	2018	Energy	Summer	Off-Peak	\$ 0.02273	\$ 0.02366	\$ 0.03155	\$	0.03201
TOU-PA-3-PRI-E	2018	Energy	Summer	Mid-peak	\$ 0.04452	\$ 0.04589	\$ 0.05760	\$	0.05829
TOU-PA-3-PRI-E	2018	Energy	Summer	On-Peak	\$ 0.27749	\$ 0.28367	\$ 0.33617	\$	0.33926
TOU-PA-3-PRI-E	2018	Energy	Winter	Off-Peak	\$ 0.08292	\$ 0.08656	\$ 0.08864	\$	0.08928
TOU-PA-3-PRI-E	2018	Energy	Winter	Super Off-Peak	\$ 0.01471	\$ 0.01599	\$ 0.01672	\$	0.01695

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CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN	DEFAULT CARE 100% GREEN	DEFAULT 100% GREEN
TOU-PA-3-PRI-E	2018	Energy	Winter	Mid-peak	\$ 0.11031	\$ 0.11489	\$ 0.11752		\$ 0.11833
TOU-PA-3-PRI-E-5TO8	2018	Energy	Summer	Off-Peak	\$ 0.02201	\$ 0.02292	\$ 0.03069		\$ 0.03115
TOU-PA-3-PRI-E-5TO8	2018	Energy	Summer	Mid-peak	\$ 0.08640	\$ 0.08864	\$ 0.10768		\$ 0.10880
TOU-PA-3-PRI-E-5TO8	2018	Energy	Summer	On-Peak	\$ 0.46997	\$ 0.48011	\$ 0.56631		\$ 0.57138
TOU-PA-3-PRI-E-5TO8	2018	Energy	Winter	Off-Peak	\$ 0.08757	\$ 0.09137	\$ 0.09354		\$ 0.09421
TOU-PA-3-PRI-E-5TO8	2018	Energy	Winter	Super Off-Peak	\$ 0.01639	\$ 0.01773	\$ 0.01850		\$ 0.01873
TOU-PA-3-PRI-E-5TO8	2018	Energy	Winter	Mid-peak	\$ 0.11615	\$ 0.12094	\$ 0.12368		\$ 0.12452

Clean Power Alliance  
2019 Phase 4 Lighting Rate Schedules  
Attachment 2 to Resolution 19-06-011

CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN	DEFAULT 100% GREEN	
AL-2-F	2018	Energy	All_Year	Total	\$	0.06667	\$ 0.06992	\$ 0.07681	\$ 0.07730
AL-2-GF	2018	Energy	Summer	Off-Peak	\$	0.06667	\$ 0.06992	\$ 0.07681	\$ 0.07730
AL-2-GF	2018	Energy	Summer	On-Peak	\$	0.20683	\$ 0.21575	\$ 0.23467	\$ 0.23602
AL-2-GF	2018	Energy	Winter	Off-Peak	\$	0.06667	\$ 0.06992	\$ 0.07681	\$ 0.07730
AL-2-GF	2018	Energy	Winter	On-Peak	\$	0.11902	\$ 0.12458	\$ 0.13639	\$ 0.13723
LS-1	2018	Energy	All_Year	Total	\$	0.06578	\$ 0.06899	\$ 0.07580	\$ 0.07629
LS-3	2018	Energy	All_Year	Total	\$	0.06667	\$ 0.06992	\$ 0.07681	\$ 0.07730

Rates shown are effective July 1, 2019.

Energy rates are shown in \$/kWh.

Clean Power Alliance  
2019 Phase 4 Wind Machine Demand Credit  
Attachment 3 to Resolution 19-06-011

CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN	DEFAULT 100% GREEN
TOU-PA-2-A	2018	Demand	Winter	Total	\$ (6.33)	\$ (6.33)	\$ (6.33)	\$ (6.33)
TOU-PA-2-B	2018	Demand	Winter	Total	\$ (6.33)	\$ (6.33)	\$ (6.33)	\$ (6.33)
TOU-PA-2-D	2018	Demand	Winter	Total	\$ (6.33)	\$ (6.33)	\$ (6.33)	\$ (6.33)
TOU-PA-2-D-5TO8	2018	Demand	Winter	Total	\$ (6.33)	\$ (6.33)	\$ (6.33)	\$ (6.33)
TOU-PA-2-E	2018	Demand	Winter	Total	\$ (6.33)	\$ (6.33)	\$ (6.33)	\$ (6.33)
TOU-PA-2-E-5TO8	2018	Demand	Winter	Total	\$ (6.33)	\$ (6.33)	\$ (6.33)	\$ (6.33)
TOU-PA-2-PRI-A	2018	Demand	Winter	Total	\$ (6.33)	\$ (6.33)	\$ (6.33)	\$ (6.33)
TOU-PA-2-PRI-B	2018	Demand	Winter	Total	\$ (6.33)	\$ (6.33)	\$ (6.33)	\$ (6.33)
TOU-PA-2-PRI-D	2018	Demand	Winter	Total	\$ (6.33)	\$ (6.33)	\$ (6.33)	\$ (6.33)
TOU-PA-2-PRI-D-5TO8	2018	Demand	Winter	Total	\$ (6.33)	\$ (6.33)	\$ (6.33)	\$ (6.33)
TOU-PA-2-PRI-E	2018	Demand	Winter	Total	\$ (6.33)	\$ (6.33)	\$ (6.33)	\$ (6.33)
TOU-PA-2-PRI-E-5TO8	2018	Demand	Winter	Total	\$ (6.33)	\$ (6.33)	\$ (6.33)	\$ (6.33)

Wind Machine Credit: Agricultural customers served under a PA-2 rate schedule who incur energy usage during the Winter Season solely for wind machine operations that have been determined eligible by SCE will receive a monthly Demand credit based on highest recorded monthly kW demand.

Winter season commences at 12:00 a.m. on October 1 of each year and continues until 12:00 a.m. on June 1 of the following year.



Clean Power Alliance  
2019 Phase 4 Peak Management Program Rate Schedules  
Attachment 4 to Resolution 19-06-011

CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN	DEFAULT 100% GREEN
TOU-8-PRI-D-PMP	2018	Energy Surcharge	All_Year	On-Peak	\$ 0.40	\$ 0.40	\$ 0.40	\$ 0.40
TOU-8-PRI-D-PMP	2018	Demand Credit	Summer	On-Peak	\$ (4.26)	\$ (4.26)	\$ (4.26)	\$ (4.26)
TOU-8-SEC-D-PMP	2018	Energy Surcharge	All_Year	On-Peak	\$ 0.40	\$ 0.40	\$ 0.40	\$ 0.40
TOU-8-SEC-D-PMP	2018	Demand Credit	Summer	On-Peak	\$ (4.11)	\$ (4.11)	\$ (4.11)	\$ (4.11)
TOU-8-SUB-D-PMP	2018	Energy Surcharge	All_Year	On-Peak	\$ 0.40	\$ 0.40	\$ 0.40	\$ 0.40
TOU-8-SUB-D-PMP	2018	Demand Credit	Summer	On-Peak	\$ (4.22)	\$ (4.22)	\$ (4.22)	\$ (4.22)
TOU-GS-1-E-PMP	2018	Energy Credit	Summer	On-Peak	\$ (0.06822)	\$ (0.06822)	\$ (0.06822)	\$ (0.06822)
TOU-GS-1-E-PMP	2018	Energy Surcharge	All_Year	On-Peak	\$ 0.40	\$ 0.40	\$ 0.40	\$ 0.40
TOU-GS-1-ES-PMP	2018	Energy Credit	Summer	On-Peak	\$ (0.06822)	\$ (0.06822)	\$ (0.06822)	\$ (0.06822)
TOU-GS-1-ES-PMP	2018	Energy Surcharge	All_Year	On-Peak	\$ 0.40	\$ 0.40	\$ 0.40	\$ 0.40
TOU-GS-2-D-PMP	2018	Energy Surcharge	All_Year	On-Peak	\$ 0.40	\$ 0.40	\$ 0.40	\$ 0.40
TOU-GS-2-D-PMP	2018	Demand Credit	Summer	On-Peak	\$ (3.42)	\$ (3.42)	\$ (3.42)	\$ (3.42)
TOU-GS-3-D-PMP	2018	Energy Surcharge	All_Year	On-Peak	\$ 0.40	\$ 0.40	\$ 0.40	\$ 0.40
TOU-GS-3-D-PMP	2018	Demand Credit	Summer	On-Peak	\$ (3.77)	\$ (3.77)	\$ (3.77)	\$ (3.77)
TOU-PA-2-D-5TO8-PMP	2018	Energy Surcharge	All_Year	On-Peak	\$ 0.40	\$ 0.40	\$ 0.40	\$ 0.40
TOU-PA-2-D-5TO8-PMP	2018	Demand Credit	Summer	On-Peak	\$ (2.84)	\$ (2.84)	\$ (2.84)	\$ (2.84)
TOU-PA-2-D-PMP	2018	Energy Surcharge	All_Year	On-Peak	\$ 0.40	\$ 0.40	\$ 0.40	\$ 0.40
TOU-PA-2-D-PMP	2018	Demand Credit	Summer	On-Peak	\$ (2.84)	\$ (2.84)	\$ (2.84)	\$ (2.84)
TOU-PA-3-D-5TO8-PMP	2018	Energy Surcharge	All_Year	On-Peak	\$ 0.40	\$ 0.40	\$ 0.40	\$ 0.40
TOU-PA-3-D-5TO8-PMP	2018	Demand Credit	Summer	On-Peak	\$ (3.09)	\$ (3.09)	\$ (3.09)	\$ (3.09)
TOU-PA-3-D-PMP	2018	Energy Surcharge	All_Year	On-Peak	\$ 0.40	\$ 0.40	\$ 0.40	\$ 0.40
TOU-PA-3-D-PMP	2018	Demand Credit	Summer	On-Peak	\$ (3.09)	\$ (3.09)	\$ (3.09)	\$ (3.09)

Rates shown are part of an elective pilot program.

**RESOLUTION NO. 19-06-012****A RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
CLEAN POWER ALLIANCE OF SOUTHERN CALIFORNIA  
TO APPROVE ADJUSTED 2019 RATES FOR PHASE 3 RESIDENTIAL CUSTOMERS****THE BOARD OF DIRECTORS OF THE CLEAN POWER ALLIANCE OF SOUTHERN  
CALIFORNIA DOES HEREBY FIND, RESOLVE, AND ORDER AS FOLLOWS:**

**WHEREAS**, the Clean Power Alliance of Southern California (formerly known as Los Angeles Community Choice Energy Authority) ("Clean Power Alliance" or "CPA") was formed on June 27, 2017; and

**WHEREAS**, the CPA Board of Directors directed staff to procure power supply to provide three energy products (36% renewable, 50% renewable, and 100% renewable) and maximize non-emitting energy resources for the non-renewable portions of the portfolio; and

**WHEREAS**, the CPA Board of Directors also sought to set rates that are lower or competitive with those offered by SCE for similar products and provide price stability; and

**WHEREAS**, SCE is implementing rate changes requiring adjustments by CPA to remain within approved bill comparison ranges for Phase 3 rate schedules for residential customers; and

**WHEREAS**, SCE's rate changes are effective as of June 1, 2019.

**NOW THEREFORE, BE IT DETERMINED, ORDER, AND RESOLVED, BY THE  
BOARD OF DIRECTORS OF THE CLEAN POWER ALLIANCE OF SOUTHERN  
CALIFORNIA THAT:**

1. The proposed Phase 3 rate schedules as presented in Attachment 1 are hereby approved effective as of June 1, 2019.

**APPROVED AND ADOPTED this \_\_\_\_ day of \_\_\_\_\_ 2019.**

\_\_\_\_\_  
Chair

**ATTEST:**

\_\_\_\_\_  
Secretary

Clean Power Alliance  
2019 Phase 3 Residential Rate Schedules  
Attachment 1 to Resolution 19-06-012

CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN	DEFAULT 100% GREEN	DEFAULT CARE 100% GREEN
DOMESTIC	2018	Energy	All_Year	Total	\$ 0.06507	\$ 0.06705	\$ 0.08388	\$ 0.08487	\$ 0.06705
TOU-D-4	2018	Energy	Summer	Off-Peak	\$ 0.04251	\$ 0.04402	\$ 0.05690	\$ 0.05766	\$ 0.04402
TOU-D-4	2018	Energy	Summer	Mid-peak	\$ 0.04705	\$ 0.04866	\$ 0.06234	\$ 0.06314	\$ 0.04866
TOU-D-4	2018	Energy	Summer	On-Peak	\$ 0.19276	\$ 0.19737	\$ 0.23657	\$ 0.23887	\$ 0.19737
TOU-D-4	2018	Energy	Winter	Off-Peak	\$ 0.09841	\$ 0.10108	\$ 0.12375	\$ 0.12508	\$ 0.10108
TOU-D-4	2018	Energy	Winter	Super Off-Peak	\$ (0.00555)	\$ (0.00503)	\$ (0.00056)	\$ (0.00030)	\$ (0.00503)
TOU-D-4	2018	Energy	Winter	Mid-peak	\$ 0.07283	\$ 0.07497	\$ 0.09316	\$ 0.09423	\$ 0.07497
TOU-D-5	2018	Energy	Summer	Off-Peak	\$ 0.04451	\$ 0.04607	\$ 0.05931	\$ 0.06008	\$ 0.04607
TOU-D-5	2018	Energy	Summer	Mid-peak	\$ 0.06049	\$ 0.06237	\$ 0.07840	\$ 0.07935	\$ 0.06237
TOU-D-5	2018	Energy	Summer	On-Peak	\$ 0.26620	\$ 0.27233	\$ 0.32438	\$ 0.32744	\$ 0.27233
TOU-D-5	2018	Energy	Winter	Off-Peak	\$ 0.10224	\$ 0.10499	\$ 0.12833	\$ 0.12971	\$ 0.10499
TOU-D-5	2018	Energy	Winter	Super Off-Peak	\$ (0.00537)	\$ (0.00484)	\$ (0.00034)	\$ (0.00008)	\$ (0.00484)
TOU-D-5	2018	Energy	Winter	Mid-peak	\$ 0.07898	\$ 0.08125	\$ 0.10052	\$ 0.10165	\$ 0.08125
TOU-D-A	2018	Energy	Summer	Off-Peak	\$ 0.05041	\$ 0.05209	\$ 0.06635	\$ 0.06719	\$ 0.05209
TOU-D-A	2018	Energy	Summer	Super Off-Peak	\$ 0.03189	\$ 0.03319	\$ 0.04421	\$ 0.04486	\$ 0.03319
TOU-D-A	2018	Energy	Summer	On-Peak	\$ 0.20721	\$ 0.21212	\$ 0.25384	\$ 0.25629	\$ 0.21212
TOU-D-A	2018	Energy	Winter	Off-Peak	\$ 0.03981	\$ 0.04127	\$ 0.05368	\$ 0.05441	\$ 0.04127
TOU-D-A	2018	Energy	Winter	Super Off-Peak	\$ 0.03292	\$ 0.03424	\$ 0.04545	\$ 0.04610	\$ 0.03424
TOU-D-A	2018	Energy	Winter	On-Peak	\$ 0.10971	\$ 0.11261	\$ 0.13726	\$ 0.13871	\$ 0.11261
TOU-D-B	2018	Energy	Summer	Off-Peak	\$ 0.05041	\$ 0.05209	\$ 0.06635	\$ 0.06719	\$ 0.05209
TOU-D-B	2018	Energy	Summer	Super Off-Peak	\$ 0.00449	\$ 0.00523	\$ 0.01145	\$ 0.01182	\$ 0.00523
TOU-D-B	2018	Energy	Summer	On-Peak	\$ 0.32029	\$ 0.32753	\$ 0.38905	\$ 0.39267	\$ 0.32753
TOU-D-B	2018	Energy	Winter	Off-Peak	\$ 0.03981	\$ 0.04127	\$ 0.05368	\$ 0.05441	\$ 0.04127
TOU-D-B	2018	Energy	Winter	Super Off-Peak	\$ 0.00508	\$ 0.00582	\$ 0.01215	\$ 0.01252	\$ 0.00582
TOU-D-B	2018	Energy	Winter	On-Peak	\$ 0.08660	\$ 0.08903	\$ 0.10963	\$ 0.11084	\$ 0.08903
TOU-D-PRIME	2018	Energy	Summer	Off-Peak	\$ 0.02522	\$ 0.02638	\$ 0.03624	\$ 0.03682	\$ 0.02638
TOU-D-PRIME	2018	Energy	Summer	Mid-peak	\$ 0.09011	\$ 0.09260	\$ 0.11382	\$ 0.11507	\$ 0.09260
TOU-D-PRIME	2018	Energy	Summer	On-Peak	\$ 0.20682	\$ 0.21172	\$ 0.25337	\$ 0.25583	\$ 0.21172
TOU-D-PRIME	2018	Energy	Winter	Off-Peak	\$ 0.02094	\$ 0.02201	\$ 0.03112	\$ 0.03166	\$ 0.02201
TOU-D-PRIME	2018	Energy	Winter	Super Off-Peak	\$ 0.02094	\$ 0.02201	\$ 0.03112	\$ 0.03166	\$ 0.02201
TOU-D-PRIME	2018	Energy	Winter	Mid-peak	\$ 0.17020	\$ 0.17434	\$ 0.20959	\$ 0.21166	\$ 0.17434
TOU-D-T	2018	Energy	Summer	Off-Peak	\$ 0.08706	\$ 0.08949	\$ 0.11018	\$ 0.11139	\$ 0.08949
TOU-D-T	2018	Energy	Summer	On-Peak	\$ 0.09888	\$ 0.10155	\$ 0.12431	\$ 0.12564	\$ 0.10155
TOU-D-T	2018	Energy	Winter	Off-Peak	\$ 0.04952	\$ 0.05119	\$ 0.06530	\$ 0.06613	\$ 0.05119
TOU-D-T	2018	Energy	Winter	On-Peak	\$ 0.05758	\$ 0.05941	\$ 0.07493	\$ 0.07585	\$ 0.05941
TOU-EV-1	2018	Energy	Summer	Off-Peak	\$ 0.00555	\$ 0.00631	\$ 0.01272	\$ 0.01310	
TOU-EV-1	2018	Energy	Summer	On-Peak	\$ 0.20483	\$ 0.20969	\$ 0.25100	\$ 0.25342	

Energy rates are shown in \$/kWh.

Clean Power Alliance  
2019 Phase 3 Residential Rate Schedules  
Attachment 1 to Resolution 19-06-012

CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN	DEFAULT 100% GREEN	DEFAULT CARE 100% GREEN
TOU-EV-1	2018	Energy	Winter	Off-Peak	\$ 0.01314	\$ 0.01405	\$ 0.02179	\$ 0.02224	
TOU-EV-1	2018	Energy	Winter	On-Peak	\$ 0.06908	\$ 0.07114	\$ 0.08868	\$ 0.08971	
DWL	2018	Energy	All_Year	Total	\$ 0.02905	\$ 0.03003	\$ 0.03832	\$ 0.03881	

**Market Rate Adjustment Credit for NEM Customers**

CPA RATE	PCIA VINTAGE	TYPE	SEASON	TOU PERIOD	LEAN	CLEAN	100% GREEN	DEFAULT 100% GREEN	DEFAULT CARE 100% GREEN
TOU-D-4 (NEM only)	2018	Energy	Winter	Super Off-Peak	\$0.00555	\$0.00503	\$0.00056	\$0.00030	\$0.00503
TOU-D-5 (NEM only)	2018	Energy	Winter	Super Off-Peak	\$0.00537	\$0.00484	\$0.00034	\$0.00008	\$0.00484

The new PCIA for vintage 2018 customers is higher than the winter super off-peak rate for domestic customers on the TOU-D-4 and TOU-D-5 rate schedules. Included in the Phase 3 rate schedules is a proposed rate credit for these customers during the winter super off-peak period to offset the amount by which the PCIA is higher than the super off-peak rate.

(The super off-peak period is every winter day from 8:00am - 4:00pm for TOU-D-4, and 8:00am to 5:00pm for TOU-D-5. Winter season commences at 12:00 a.m. on October 1 of each year and continues until 12:00 a.m. on June 1 of the following year.)

In order to avoid the potential for Solar Net Energy Metering customers to inadvertently receive a charge instead of receiving a credit if they are net generators during the super off-peak period, staff is proposing adoption of a "market rate adjustment credit" for Net Energy Metering customers that take service on the CPA TOU-D-4 or TOU-D-5 rate schedules. This off-setting market rate adjustment credit will cause any charges that are the result of negative usage (excess generation) being charged at a negative rate to zero out for the super off-peak period, ensuring the NEM customer will not be charged for their excess generation during this period.

## Staff Report – Agenda Item 7

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**To:** Clean Power Alliance (CPA) Finance Committee  
**From:** David McNeil, Chief Financial Officer  
**Approved By:** Ted Bardacke, Executive Director  
**Subject:** Proposed Fiscal Year 2019/20 Annual Budget  
**Date:** June 6, 2019

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### **RECOMMENDATION**

Adopt Proposed Fiscal Year 2019/20 Annual Budget provided as Attachment 1.

### **BACKGROUND**

Each year CPA develops an annual budget to govern the receipt of revenues and disbursement of expenditures during the upcoming fiscal year. The FY 2019/20 Budget has been developed in accordance with the timeline and priorities summarized below.

#### **FY 2019/20 Budget – Board & Committee Schedule**

- ✓ March 27, 2019 (Finance) – Budget Priorities
- ✓ April 17, 2019 (Executive) – Budget Priorities
- ✓ April 24, 2019 (Finance) – Draft FY 2019/20 Budget
- ✓ May 2, 2019 (Board) – Budget Priorities
- ✓ May 15, 2019 (Executive) – Draft FY 2019/20 Budget
- ✓ May 22, 2019 (Finance) – Proposed FY 2019/20 Budget
- **June 6, 2019 (Board)- Proposed FY 2019/20 Budget**

#### **FY 2019/20 Budget - Priorities**

1. Launch of a distributed energy resources pilot program
2. The “insourcing” of activities currently provided by third party service providers

3. The development of information systems that reduce costs and risks and allow CPA to deliver on its mission
4. A move to new, permanent agency offices in downtown Los Angeles

On May 22, 2019 the Finance Committee reviewed a draft of the FY 2019/20 Budget, authorized staff to adjust budgeted revenues and cost of energy based on updated rate and load information received during the week of May 26, 2019 and recommended that the Board of Directors adopt the Proposed FY 2019/20 Annual Budget. An overview of CPA budget metrics and cost effectiveness including a comparison of CPA's budget with a CCA peer group is provided in Attachment 2.

### **BUDGET DETAIL**

The Proposed FY 2019/20 Budget includes the following budget line items and reflect the full year impact of Phase 3 (Residential) and Phase 4 (Commercial) enrollment as well as the budget priorities:

**Revenue – electricity (+\$461,549,000, +164%):** Budgeted electricity revenues are based on estimates of customer electricity usage and retail rates presented for approval to the Board at its June 6, 2019 meeting. The increase in revenue results primarily from the full year effect of enrolling residential and commercial customers in February and May 2019 respectively. Electricity revenues include an allowance for uncollectable accounts.

**Other revenue (\$10,000):** Other revenue includes operating revenue that does not represent sales of electricity and frequently relates to unanticipated events that occur during the year.

**Cost of energy (+\$441,515,000, +179%):** Cost of energy includes expenses associated with the purchase of brown energy, renewable energy, resource adequacy, and charges by the California Independent Systems Operator (CAISO) for load, and services performed by the CAISO. CAISO charges for load are based on customer energy use and prices at the Default Load Aggregation Point (DLAP). Credits for energy generation scheduled into the CAISO market and revenues arising from Congestion Revenue Rights

(CRRs) are netted from the cost of energy. CAISO credits for energy generation are based on wholesale energy deliveries and Locational Margin Prices (LMPs). CRRs are financial instruments created by the CAISO which enable load serving entities, such as CPA, to manage price differences between wholesale energy delivery locations and retail use points. Increased energy costs result primarily from the full year effect of enrolling residential and commercial customers in February and May 2019 respectively. The cost of electricity incorporates estimates of customer electricity usage, forward and spot market electricity prices, and higher than anticipated prices for resource adequacy and renewable energy.

**Staffing (+\$2,385,000; 97% increase):** Staffing costs include salaries and benefits payable in accordance with CPA's Board approved Employee Handbook. Increased costs result from:

- The full year effect of staff hired during FY 2018/19
- The insourcing of core activities and hiring of new staff over the course of FY 2019/20 which allows the Technical Services budget to remain relatively flat.
- A budget allowance for increased staff benefits. Staff plan to present revisions to staff benefits to the Executive Committee for input in the first quarter of FY 2019/20.

**Technical services (+\$72,000; 4% increase):** Technical services include rate setting and energy management related services such as scheduling coordination, rate setting, energy portfolio management consulting services, including assistance with risk management, and support for the 2019 Request for Offers for Long Term Clean Energy Resources (Long Term RFO). Current providers of technical services include The Energy Authority (portfolio/risk management and scheduling) and MRW Associates (rates and revenue modeling). The 4% increase reflects the insourcing of portfolio management and rate setting services.

**Legal services (+\$482,000; 68% increase):** Legal services support CPA's contracting, including contracting for short term energy, resource adequacy, long term renewable energy, and other activities. Increased costs will support current and additional

contracting for long term renewable energy, increased regulatory activity and compliance, and a review of CPA's employment policies and benefits. Current providers of Legal Services include Hall Energy Law, Clean Energy Counsel, and Holland & Hart (energy contracting), Braun Blasing Smith Wynne (CPUC compliance), Buchalter (CPUC rate and other proceedings) and Posinelli (employment law).

**Other services (+\$129,000; 31% increase):** Other services represent professional services not budgeted under Technical or Legal services and include costs associated with support for the local programs strategic planning project (Arup), financial auditing (TBD), planning and brokerage services associated with CPA's move to permanent offices (TBD), strategic planning services that will support the development of a technology road map (TBD), information technology support (Neutrino Networks) and other support related services.

**Communications and marketing services (-\$84,000; 19% decrease):** Communications and related services include costs associated with customer outreach, marketing, branding, website management, translation, advertising, special events and sponsorships. Decreased budgeted costs arise from reduced activity associated with customer enrollments in FY 2019/20 and the insourcing of marketing activities.

**Customer notices and mailing services (-\$2,277,000, 88% decrease):** FY 2018/19 budgeted notices and mailing services supported the enrollment of residential and commercial customers in February and May 2019 respectively. Budgeted FY 2019/20 notices and mailing services represent costs to notify customers in Westlake Village and includes a contingency.

**Data management services (+\$6,910,000; 138% increase):** Data manager costs are based on the number of customer meters served by CPA and per-meter rates charged by CPA's data manager. Increased data manager costs arise from the full year effect of enrolling residential and commercial customers in February and May 2019 respectively.



**Service fees – SCE (+\$989,000; 81% increase):** Service fees are charged by SCE for a variety of billing and administrative services provided by SCE. Increased SCE fees arise from the full year effect of enrolling residential and commercial customers in February and May 2019 respectively.

**General and administration (+\$148,000; 24% increase):** General and administration costs include office supplies, phone, internet, travel, dues and subscriptions, and other related expenses and include fees associated with CPA's membership in the CCA trade organization California Community Choice Association (CalCCA). Increased general and administrative charges arise from increased staffing and the planned move into permanent offices.

**Occupancy (+\$258,000; 165% increase):** Occupancy costs include the costs of leasing CPA's offices, temporary accommodation for board meetings, educational events, and utility costs. The increase in occupancy costs mostly arises from increased staffing.

**Customer Programs (+\$1,450,000, new):** Customer programs represent direct costs associated with providing energy programs to CPA customers. Direct costs typically support customer rebates and program implementation. Costs associated with customer programs will support the implementation of a to be determined Distributed Energy Resources pilot program. At the completion of CPA's local program strategic planning process at the end of 2019 and pending available funds, staff could seek a budget amendment to increase spending in this category.

**Finance and interest expense (+\$309,000; 111% increase):** Finance and interest expenses represent fees, borrowing and letter of credit costs associated with CPA's loan facility. The increase reflects expected utilization of the line of credit in the first quarter of FY 2019/20, payment of loan and non-utilization fees to River City Bank and includes a contingency.

**Interest income (+\$780,000; 1130% increase):** Increased interest income results from higher balances in savings accounts.

**Capital outlay (+\$552,000):** Expenditures associated with capital outlay will support the purchase of furniture, computers, audio visual equipment used at Board and other meetings, and a contingency for leasehold improvements. Increased capital outlay arises from increased staffing and a planned relocation to permanent offices.

**Attachments:**

- 1) Proposed FY 2019/20 Budget
- 2) CPA Budget Metrics and Cost Effectiveness

CLEAN POWER ALLIANCE of SOUTHERN CALIFORNIA				
FY 2019/2020 BUDGET				
PROPOSED				
A	B	C	D	E
	FY 2018/19 Budget (Amended)	FY 2019/20 Budget	Change	% Change
1 Revenue - Electricity net	281,801,000	743,350,910	461,549,910	164%
Net metering compensation				
2 Other revenue	10,000	10,000	-	0%
<b>TOTAL REVENUE</b>	<b>281,811,000</b>	<b>743,360,910</b>	<b>461,549,910</b>	<b>164%</b>
3 Cost of energy	246,053,000	687,568,000	441,515,000	179%
<b>TOTAL ENERGY COSTS</b>	<b>246,053,000</b>	<b>687,568,000</b>	<b>441,515,000</b>	<b>179%</b>
4 <b>NET ENERGY REVENUE</b>	<b>35,758,000</b>	<b>55,792,910</b>	<b>20,034,910</b>	<b>56%</b>
<b>OPERATING EXPENSES</b>				
5 Staffing	2,467,000	4,852,000	2,385,000	97%
6 Technical services	1,705,000	1,777,000	72,000	4%
7 Legal services	713,000	1,195,000	482,000	68%
8 Other services	410,000	539,000	129,000	31%
9 Communications and marketing services	433,000	349,000	(84,000)	-19%
10 Customer notices and mailing services	2,577,000	300,000	(2,277,000)	-88%
11 Data management services	5,020,000	11,930,000	6,910,000	138%
12 Service fees - SCE	1,226,000	2,215,000	989,000	81%
13 Local programs	-	1,450,000	1,450,000	
14 General and administration	609,000	757,000	148,000	24%
15 Occupancy	156,000	414,000	258,000	165%
16 <b>TOTAL OPERATING EXPENSES</b>	<b>15,316,000</b>	<b>25,778,000</b>	<b>10,462,000</b>	<b>68%</b>
17 <b>OPERATING INCOME</b>	<b>20,442,000</b>	<b>30,014,910</b>	<b>9,572,910</b>	<b>47%</b>
18 Finance and interest expense	279,000	588,000	309,000	111%
19 Depreciation	6,000	12,000	6,000	100%
20 <b>TOTAL NON OPERATING EXPENSES</b>	<b>285,000</b>	<b>600,000</b>	<b>315,000</b>	<b>111%</b>
21 Interest Income	69,000	849,000	780,000	1130%
22 <b>TOTAL NON OPERATING REVENUE</b>	<b>69,000</b>	<b>849,000</b>	<b>780,000</b>	<b>1130%</b>
23 <b>CHANGE IN NET POSITION</b>	<b>20,226,000</b>	<b>30,263,910</b>	<b>10,037,910</b>	<b>50%</b>
24 <b>NET POSITION BEGINNING OF PERIOD</b>	<b>(2,676,840)</b>	<b>17,549,160</b>	<b>(2,676,840)</b>	<b>100%</b>
25 <b>NET POSITION END OF PERIOD</b>	<b>17,549,160</b>	<b>47,813,070</b>	<b>7,361,070</b>	<b>42%</b>
Other Uses				
27 Capital Outlay	22,500	574,000	552,000	2453%
28 Depreciation	(6,000)	(12,000)	(6,000)	100%
29 <b>CHANGE IN FUND BALANCE</b>	<b>20,209,500</b>	<b>29,677,910</b>	<b>9,479,910</b>	<b>47%</b>
<i>Note: Funds may not sum precisely due to rounding</i>				
Contribution to net position / revenue		4.07%		

# Clean Power Alliance

## Budget Metrics & Cost Effectiveness

### 1. Peer Group Comparison

1. Pros: Many CCAs use similar business models
2. Cons: Different competitive environment (SCE vs PG&E), timing of launch and level of development (growth vs steady state) create important differences between CCAs

### 2. Year over year comparisons

1. Pros: allows for trend analysis and apples to apples comparison between periods
2. Cons: year over year comparisons are less useful for rapidly growing organizations like CPA

### 3. Meeting Strategic & Policy Objectives

1. Ensuring financial strength and meeting Reserve Policy objectives
2. Managing risks
3. Offering competitive rates
4. Achieving renewable and GHG free targets
5. Investing in local programs

<b>CCA Budget Comparison Table</b>				
	FY 2019/20		FY 2018-19	
		CCA Average	Lancaster	
<b>Annual Budget</b>	CPA	(1)	Choice Energy	
			(2)	
Total Revenues	743,360,000	263,750,750	36,353,418	
Cost of energy	687,568,000	214,864,750	30,705,515	
Net energy revenue	55,792,000	48,886,000	5,647,903	
Data Management	11,930,000	4,233,000	n/a	
IOU Fees	2,215,000	1,242,750	n/a	
Employment	4,852,000	5,444,500	962,639	
Marketing & Promotions	649,000	1,246,500	171,100	
Legal & Policy	1,195,000	881,667	690,000	
Energy Programs	1,450,000	4,745,667	451,318	
Professional Services	2,316,000	1,453,500	2,496,501	
G&A	1,171,000	1,400,500	876,345	
Operating Expenses	25,778,000	19,241,250	5,647,903	
Net Income	30,014,000	29,644,750	-	
	<b>FY 2019/20</b>			<b>FY 2018-19</b>
		CCA Average	CPA vs	Lancaster
<b>% of Expenses</b>	CPA	(1)	Average	Choice Energy
Cost of energy	96.39%	91.78%	5%	84.46%
Data Management	1.67%	1.81%	-8%	n/a
IOU Fees	0.31%	0.53%	-42%	n/a
Employment	0.68%	2.33%	-71%	2.65%
Marketing & Promotions	0.09%	0.53%	-83%	0.47%
Legal & Policy	0.17%	0.38%	-56%	1.90%
Energy Programs	0.20%	2.03%	-90%	1.24%
Professional Services	0.32%	0.62%	-48%	6.87%
G&A	0.16%	0.60%	-73%	2.41%
Operating Expenses	3.61%	8.22%	-56%	15.54%
		CCA Average	CPA vs	
<b>% of Revenue</b>	CPA	(1)	Average	
Net energy revenue (2)	7.51%	18.53%	-60%	
Net Income (2)	4.04%	11.24%	-64%	
(1) The CCA Average is the average of the most recent budgets of four northern California CCAs; Marin Clean Energy, Sonoma Clean Power, Peninsula Clean Energy and Silicon Valley Clean Energy. The fiscal periods vary. Monterey Bay and East Bay have not yet adopted FY2019-20 Budgets. Their 2018-19 Budgets covered enrollment years and are not comparable to CPA's FY 2019-20 budget.				
(2) % of Revenue. CCA average net energy revenue profit margin does not reflect latest changes to PCIA fees				
(3) Lancaster budget uses standard City categories; totals are a consolidation of those categories. Data Management/IOU fees are included in Professional Services.				

## Item VI

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**To:** Clean Power Alliance (CPA) Board of Directors  
**From:** Ted Bardacke, Executive Director  
**Subject:** Management Update  
**Date:** June 6, 2019

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### **Phase 4 Enrollment**

Phase 4 enrollment of approximately 110,000 eligible non-residential accounts has progressed without significant operational issues. Over 99% of the scheduled customer accounts have been received by CPA and actual customer connections on meter read dates are tracking a 98% success rate.

### **Financial Performance**

CPA's financial performance through March remained ahead of projections, with positive financial results compared to the approved amended budget. Year-to-date revenues were 5% above amended budget revenue forecasts while cost of energy was 3% below budgeted energy costs. Net income was \$9.2 million greater than budgeted. CPA's monthly financial dashboard is attached to this report.

### **Green-E Certification and Green Leader Program**

In May CPA submitted its 100% Green Power rate product for certification under the Green-E program administered by the Center for Resource Solutions. Established in 1997, Green-E certification independently verifies that enough renewable energy was supplied by CPA to its 100% Green Power customers to meet 100% of their demand on an annual basis and that the Renewable Energy Certificates associated with that energy were retired and cannot be resold. CPA customers on the 100% Green Power rate can

use this Green-E certification to claim points under the LEED Green Building rating system.

Also in May, CPA launched its Green Leader program for commercial customers who are on the 100% Green Power rate. To become a Green Leader, 100% Green Power customers provide a photo and description of their business or organization and receive benefits such as access to decals and other promotional materials for display and marketing, opportunities for co-promotion, assistance developing GHG reduction metrics, profiles on CPA's website and other recognition. Member agencies who have municipal accounts on the 100% Green Power rate are encouraged to become Green Leaders. More information is available on the CPA website at [cleanpoweralliance.org/greenleader](http://cleanpoweralliance.org/greenleader).

### **Customer Communications**

Non-residential (Phase 4) customers have now been sent two pre-enrollment notices and one post-enrollment notice; the second post-enrollment notice will be mailed early next week. In addition, customers who may see a rate adjustment that deviates from current bill comparisons with SCE (TOU-8, GS-3, PA and Outdoor/Street Lighting) received a courtesy letter in mid-May informing them of the potential rate change. The second post-enrollment notice for these customers will be customized to provide additional rate information.

The annual mandatory Joint Rate Comparison (JRC) mailer, which is co-produced with SCE and checked for accuracy by the CPUC (rates) and the California Energy Commission (Power Content Label), is being sent to all customers the last week of June. Copies of the commercial and residential JRC are attached to this report. Separate mailers for CARE customers are also being sent at the same time. Copies of all JRC mailers will also be available on the CPA website beginning July 1.

### **Opt-Actions**

As of May 29, commercial (Phases 1, 2, and 4) opt-out rate is 1.98%. This rate is expected to grow as commercial customers receive their first bills in June and react to both SCE

and CPA June rate changes. Residential (Phase 3) opt-out rate is 3.99% and is close to steady state; there may be some additional residential opt-outs after summer rates are implemented this month. Total opt-out by load is estimated to be 5.31%, within the target opt-out rate of no more than 10%. CPA may be revising this target based on new historic load information received from SCE and assumptions of customer behavior based on new rates. A full summary of opt-action data by jurisdiction is attached.

### **Customer Service Center Performance**

Call center volume in May has dropped significantly, falling to less than 5,000 calls for the month compared to 11,000 in April and 17,000 calls in March. This drop is largely due to a significant reduction in calls from residential customers now that several billing cycles have occurred. The call center is preparing for a new uptick in calls during June, as commercial customers get their first bills and have questions about both SCE and CPA rate changes. Over 99% of calls in May were answered within 60 seconds, and average wait time was 14 seconds.

So far CPA's online bill comparison tool has not been as popular with commercial customers as it was with residential customers. Large commercial customers and/or those with multiple accounts continue to take advantage of CPA's customized rate comparison service.

### **Local Program Strategic Planning Process**

In June, CPA's local program strategic planning process will "go live" with several workshops and outreach activities, including the Board retreat, meeting with the Community Advisory Committee, open public workshops on June 18 (LA County) and July 25 (Ventura County), individual stakeholder interviews, and the release of an online survey in three languages. Internally, staff has focused on the technical parameters of the program evaluation tool, which will assist the organization in matching potential programs with goals identified by the Board, in the stakeholder outreach process, and CPA's business needs. Progress and news about the local programs strategic plan can be found on the CPA website at [cleanpoweralliance.org/localprogramsplan](http://cleanpoweralliance.org/localprogramsplan)



**Legislative Update**

CPA submitted position letters on five bills related to central procurement, fire preparedness, electric vehicle charging, and the integrated resource plan. CPA is also sponsor of a bill regarding JPA closed sessions. See status updates below:

- AB 56 (E. Garcia): CPA adopted an oppose position. The bill attempts to create a statewide central buyer model for procurement of electricity to meet the state's climate, clean energy, and reliability goals. The bill passed through the Assembly 41:19:18 on the last day of session and is awaiting committee assignment in the Senate. This bill remains a top priority for CPA.
- SB 155 (Bradford): CPA adopted an oppose unless amended position. The bill would give the CPUC additional authority to enforce load serving entities integrated resource plans. The bill passed through the Senate and is awaiting committee assignment in the Assembly.
- SB 638 (Allen): CPA adopted a support position. This bill removes the requirement that a renter must maintain a \$1 million general liability insurance policy in order to install an electric vehicle charging station at their allotted parking space. The bill passed through the Senate and is awaiting committee assignment in the Assembly.
- SB 774 (Stern): CPA adopted a support if amended position. This bill would promote investment and deployment of microgrids to increase resiliency and gives electrical corporations the exclusive responsibility over this work. The bill passed through the Senate and is awaiting committee assignment in the Assembly. CPA and several Board members are in active conversations with the author to ensure that CCAs play an active role in this work.
- AB 1144 (Friedman): CPA adopted a support position. This bill would require the CPUC to reserve 10% of funds collected for the self-generation incentive program (SGIP) to be allocated to pilot projects for the installation of community energy storage systems in communities within high fire threat districts. This bill passed out of the Assembly and has been assigned to the Senate Energy, Utilities and Communication Committee and Appropriations Committee.

- SB 355 (Portantino), for which CPA is the lead sponsor, passed on the Senate Floor 38:0. It has been assigned to the Assembly Committee on Local Government. SB 355 would authorize any JPA in Ventura and Los Angeles counties to designate alternate Board Members who are not elected officials to attend closed sessions of the JPA.

### **Contracts Executed in May Under Executive Director Authority**

The accounting firm of Abbot, Stringham and Lynch was contracted to provide Green-E certification services for CPA's 100% Green Power product at an NTE amount \$6,200.

A list of non-energy contracts executed under the Executive Director's signing authority is attached. The list includes open contracts as well as all contracts, open or completed, executed in the past 12 months.

### **Staffing Update**

Christopher Stephens has been hired as Paralegal. Chris joins CPA from the Southern California Gas Company. Chris will be responsible for assisting CPA's General Counsel and Chief Operating Officer with legal and regulatory matters. Chris began at CPA on May 20.

### **Upcoming Events**

**June 18 – Local Programs Workshop:** Clean Power Alliance will host an open public workshop on local programs on June 18 from 1:00 p.m. to 3:00 p.m. at the WeWork Auditorium (555 W. 5<sup>th</sup> Street, Los Angeles). This workshop will be one of several ways community members can provide input on CPA's future suite of local programs. The workshop will focus on both the outcomes CPA should seek to achieve with its local programs and identify program types that could achieve those goals. Board members and member agencies are encouraged to promote this event among their networks. A similar workshop will be held in Ventura County on July 25, details forthcoming.

**June 21 – Business of Local Energy Symposium:** The Center for Climate Protection, in collaboration with the Local Government Sustainable Energy Coalition, will be holding its annual Symposium on June 21 in Irvine. CPA is a sponsor of this event and Board members who are interested in attending should contact Jennifer Ward at [jward@cleanpoweralliance.org](mailto:jward@cleanpoweralliance.org) to reserve reduced price registration for this event.

**June 28 – Board Retreat:** The annual Board retreat will be held from 8:30AM to 2:30PM on Friday June 28, 2019 at the Annenberg Building in Exposition Park (same location as last year). Breakfast and lunch will be provided. Subject matters to be discussed are local programs, rate development, CPA's potential expansion plans, and electricity market restructuring. A briefing book will be distributed prior to the retreat.

**Attachments:**

- 1) March 2019 Financial Dashboard
- 2) Customer Opt-Actions Report
- 3) Non-energy Contracts Executed under Executive Director Authority
- 4) Joint Rate Comparison Mailers



## Financial Dashboard

### Summary of Financial Results

YTD  
March  
2019

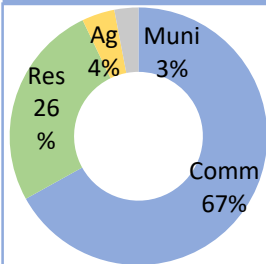
Active Accounts

921,000

Opt-Out %

3.1%

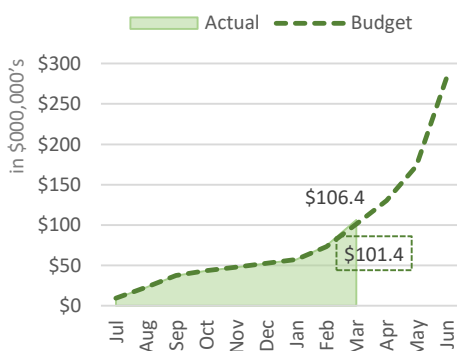
YTD Sales Volume  
1,772 GWh



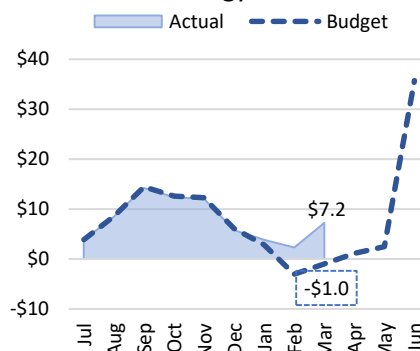
in \$000,000's	March				Year-to-Date			
	Actual	Budget	Variance	%	Actual	Budget	Variance	%
Energy Revenues	\$32.1	\$28.0	\$4.1	15%	106.4	101.4	5.0	5%
Cost of Energy	\$27.2	\$25.9	\$1.3	5%	99.1	102.3	-3.2	-3%
Net Energy Revenue	\$4.9	\$2.1	\$2.9	139%	7.2	-1.0	8.2	
Operating Expenditures	\$1.6	\$1.7	-\$0.1	-7%	6.6	7.6	-1.0	-13%
Net Income	\$3.3	\$0.3	\$3.0		0.7	-8.6	9.2	

- CPA recorded positive financial results for the period. Expenditures remain within authorized budget limits.
- Year-to-date Revenues were \$106.4 million or 5% above amended budget revenues.
- Cost of energy was \$99.1 million or 3% below budgeted energy costs.
- Operating expenditures were \$1 million or 13% lower than budgeted primarily due to lower than budgeted staffing, Legal services, and Data Management and SCE service fees.
- Net income of \$0.7M for the year to date was \$9.2 million greater than budgeted net loss of \$8.6M.
- Management believes that available liquidity and bank lines of credit are sufficient for CPA to continue to meet its obligations.

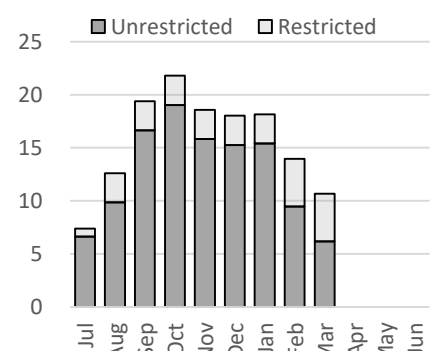
Cumulative Revenue



Net Energy Revenue



Cash & Cash Equivalents



#### Definitions:

Active Accounts: Active Accounts represent accounts of customers served by CPA

Opt-out %: Customer accounts opted out divided by eligible CPA accounts

YTD Sales Volume: Year to date sales volume represents the amount of energy in gigawatt hours (GWh) sold to retail customers

Revenues: Retail energy sales less allowance for doubtful accounts

Cost of energy: Cost of energy includes direct costs incurred to serve CPA's load

Operating expenditures: Operating expenditures include general, administrative, consulting, payroll and other costs required to fund operations

Net income: Net income represents the difference between revenues and expenditures before depreciation and capital expenditures

Cash and Cash Equivalents: Includes cash held as bank deposits

Year to date (YTD): Represents the fiscal period beginning July 1, 2018

## Clean Power Alliance - Residential Customer Status Report - As of May 29, 2019

CPA Cities & Counties	Default Tier	Total Eligible Accounts	Opt Percentage by City & County			
			Opt Up %	Opt Mid %	Opt Down %	Opt Out %
AGOURA HILLS	Lean Power	7,405	0.35%	0.20%	0.00%	5.85%
ALHAMBRA	Clean Power	30,641	0.08%	0.00%	0.52%	1.35%
ARCADIA	Lean Power	19,767	0.10%	0.08%	0.00%	1.73%
BEVERLY HILLS	Clean Power	15,208	0.12%	0.00%	0.69%	0.97%
CALABASAS	Lean Power	9,094	0.12%	0.11%	0.00%	2.68%
CAMARILLO	Lean Power	25,941	0.35%	0.24%	0.00%	7.02%
CARSON	Clean Power	25,185	0.08%	0.00%	0.41%	1.38%
CLAREMONT	Clean Power	11,779	0.32%	0.00%	1.15%	6.37%
CULVER CITY	100% Green Power	16,402	0.00%	0.98%	2.60%	2.66%
DOWNEY	Clean Power	33,990	0.04%	0.00%	0.39%	1.45%
HAWAIIAN GARDENS	Clean Power	3,198	0.03%	0.00%	0.44%	1.00%
HAWTHORNE	Lean Power	25,145	0.10%	0.02%	0.00%	0.80%
LOS ANGELES COUNTY	Clean Power	283,636	0.10%	0.00%	0.76%	2.19%
MALIBU	Clean Power	5,644	0.16%	0.00%	0.99%	1.77%
MANHATTAN BEACH	Clean Power	14,269	0.44%	0.00%	1.51%	2.10%
MOORPARK	Clean Power	11,513	0.26%	0.00%	2.29%	12.88%
OJAI	100% Green Power	3,113	0.00%	0.80%	3.08%	6.01%
OXNARD	100% Green Power	50,700	0.00%	0.41%	1.72%	4.45%
PARAMOUNT	Lean Power	12,851	0.04%	0.01%	0.00%	0.69%
REDONDO BEACH	Clean Power	29,732	0.25%	0.00%	1.06%	1.60%
ROLLING HILLS ESTATES	100% Green Power	2,949	0.00%	1.70%	5.26%	4.85%
SANTA MONICA	100% Green Power	47,998	0.00%	0.52%	2.09%	4.42%
SIERRA MADRE	Clean Power	4,871	0.55%	0.00%	1.38%	3.14%
SIMI VALLEY	Lean Power	41,820	0.13%	0.14%	0.00%	8.08%
SOUTH PASADENA	100% Green Power	10,828	0.00%	0.50%	1.81%	2.64%
TEMPLE CITY	Lean Power	11,681	0.09%	0.40%	0.00%	1.72%
THOUSAND OAKS	100% Green Power	45,559	0.00%	1.64%	5.46%	14.70%
VENTURA	100% Green Power	39,562	0.00%	0.99%	3.09%	8.10%
VENTURA COUNTY	100% Green Power	31,214	0.00%	0.76%	3.55%	9.29%
WEST HOLLYWOOD	100% Green Power	23,375	0.00%	0.25%	1.07%	1.36%
WHITTIER	Clean Power	28,439	0.10%	0.00%	0.82%	2.54%
<b>Total</b>		<b>923,509</b>	<b>0.09%</b>	<b>0.26%</b>	<b>1.28%</b>	<b>3.99%</b>

Opt Percentage by Default Tier					
Default Tier	Total Eligible Accounts	Opt Up %	Opt Mid %	Opt Down %	Opt Out %
100% Green Power	271,700	0.00%	0.80%	2.88%	6.83%
Clean Power Power	498,105	0.13%	0.00%	0.80%	2.33%
Lean Power	153,704	0.16%	0.11%	0.00%	4.36%
<b>Total</b>	<b>923,509</b>	<b>0.09%</b>	<b>0.26%</b>	<b>1.28%</b>	<b>3.99%</b>

## Clean Power Alliance - Non-Residential Customer Status Report - As of May 29, 2019

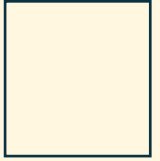
		Opt Percentage by City & County				
CPA Cities & Counties	Default Tier	Total Eligible Accounts	Opt Up %	Opt Mid %	Opt Down %	Opt Out %
AGOURA HILLS	Lean Power	1,582	0.00%	0.00%	0.00%	2.53%
ALHAMBRA	Clean Power	5,007	0.00%	0.00%	0.10%	0.46%
ARCADIA	Lean Power	3,681	0.00%	0.00%	0.00%	0.38%
BEVERLY HILLS	Clean Power	4,431	0.00%	0.00%	0.23%	0.74%
CALABASAS	Lean Power	1,274	0.00%	0.00%	0.00%	3.14%
CAMARILLO	Lean Power	5,165	1.26%	0.17%	0.00%	2.96%
CARSON	Clean Power	4,941	0.00%	0.00%	0.40%	0.69%
CLAREMONT	Clean Power	1,617	0.06%	0.00%	0.43%	0.93%
CULVER CITY	100% Green Power	3,529	0.00%	0.51%	0.43%	1.50%
DOWNEY	Clean Power	4,769	0.00%	0.00%	0.17%	0.52%
HAWAIIAN GARDENS	Clean Power	584	0.00%	0.00%	0.17%	0.17%
HAWTHORNE	Lean Power	4,113	0.00%	0.00%	0.02%	1.11%
LOS ANGELES COUNTY	Clean Power	29,541	0.03%	0.00%	0.46%	1.92%
MALIBU	Clean Power	1,388	0.00%	0.00%	0.00%	0.36%
MANHATTAN BEACH	Clean Power	2,004	7.39%	0.00%	0.25%	0.20%
MOORPARK	Clean Power	1,895	1.16%	0.00%	0.26%	2.53%
OJAI	100% Green Power	828	0.00%	1.21%	0.60%	2.17%
OXNARD	100% Green Power	8,740	0.00%	0.07%	8.83%	2.08%
PARAMOUNT	Lean Power	3,155	0.00%	0.00%	0.00%	0.41%
REDONDO BEACH	Clean Power	4,970	0.04%	0.00%	0.34%	0.60%
ROLLING HILLS ESTATES	Lean Power	528	5.11%	0.19%	0.00%	7.95%
SANTA MONICA	100% Green Power	9,140	0.00%	0.75%	1.89%	1.33%
SIERRA MADRE	Clean Power	515	0.00%	0.00%	0.19%	1.75%
SIMI VALLEY	Lean Power	5,890	0.20%	0.00%	0.00%	3.06%
SOUTH PASADENA	Clean Power	1,422	0.07%	0.00%	0.77%	1.20%
TEMPLE CITY	Lean Power	1,427	0.00%	0.00%	0.00%	0.42%
THOUSAND OAKS	100% Green Power	7,501	0.00%	0.04%	1.31%	4.48%
VENTURA	100% Green Power	8,659	0.00%	1.40%	1.76%	2.63%
VENTURA COUNTY	100% Green Power	7,110	0.00%	0.97%	2.28%	6.85%
WEST HOLLYWOOD	100% Green Power	4,111	0.00%	0.05%	0.44%	0.90%
WHITTIER	Clean Power	4,229	0.00%	0.00%	0.17%	0.85%
	<b>Total</b>	<b>143,766</b>	<b>0.20%</b>	<b>0.21%</b>	<b>1.13%</b>	<b>1.98%</b>

Opt Percentage by Default Tier					
Default Tier	Total Eligible Accounts	Opt Up %	Opt Mid %	Opt Down %	Opt Out %
100% Green Power	49,618	0.00%	0.60%	2.81%	2.95%
Clean Power Power	67,313	0.27%	0.00%	0.34%	1.26%
Lean Power	26,835	0.39%	0.04%	0.00%	2.00%
<b>Total</b>	<b>143,766</b>	<b>0.20%</b>	<b>0.21%</b>	<b>1.13%</b>	<b>1.98%</b>

Clean Power Alliance					
Non-energy contracts executed under Executive Director authority					
Rolling 12 months plus open contracts					
Vendor	Purpose	Month	NTE Amount	Status	Notes
Abbot, Stringham and Lynch	Green-E Certification - 100% Green Power Product	May 2019	\$ 6,200	Active	
Abbot, Stringham and Lynch	AMI Data Audit	April 2019	\$ 13,500	Completed	
SHI International	VPN and SQL Database (IT)	April 2019	\$ 6,500	Active	
Polsinelli	Legal services (Employment Law)	March 2019	\$ 18,000	Active	
Chapman	Legal services (Credit Agreement)	March 2019	\$ 10,000	Completed	
Mustang Marketing	Communications and outreach to commercial and institutional customers and business groups in the Conejo Valley and Ventura County	February 2019	\$ 7,500	Active	Amount increased in May 2019 by additional \$7,500 for an additional two months
LOACOM	Social media services and messaging to residential customers	February 2019	\$ 10,500	Completed	
NKE Strategies	Communications and media relations related to SCE undercollection	November 2018	\$ 10,000	Completed	
Corepoint 1, Inc.	Preparation of Implementation Plan Addendum No. 3 (Westlake Village)	November 2018	\$ 19,500	Completed	Reimbursed by City of Westlake Villiage
Karen Schmidt	Staff work for CPA prior to full time employment	October 2018	\$ 30,000	Completed	
Buchalter (Evelyn Kahl)	Legal services (CPUC Regulatory)	September 2018	\$ 20,000	Completed	Amount increased to \$40,000 in December 2018; Additional. Agreement subsequently approved by Board
Pacific Energy Advisors	Preparation of CPA's annual Joint Rate Comparison with SCE	July 2018	\$ 3,000	Completed	
M.CUBED (Richard McCann)	Financial review of SCE's proposed early termination agreement with the Coso geothermal plant	July 2018	\$ 15,000	Active	
Energy and Environmental Economics, Inc. (E3)	Modeling services for 2018 Integrated Resource Plan	June 2018	\$ 40,000	Completed	
Pacific Energy Advisors	Preparation of third-party review of CPA's financial model and pro forma	June 2018	\$ 20,000	Completed	
Neutrino Networks, Inc.	IT and cybersecurity support	April 2018	\$ 3,300	Active	Amount includes NTE plus hourly rates
Sustento Group (David Hodgins)	Communications and outreach for key commercial accounts	March 2018	\$ 10,000	Active	



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## Your power choices.



Choose the energy source and rate plan that's right for you.

You now have a choice when it comes to your energy supply. Clean Power Alliance and Southern California Edison (SCE) encourage you to compare your choices and select the option that suits you best.



# Understanding your energy choices.

This comparison illustrates the estimated electricity costs for a typical commercial customer within Clean Power Alliance's service territory with an average monthly consumption of 997 kilowatt hours (kWh). This comparison is based on Clean Power Alliance rates approved by the Board of Directors and effective as of April 4, 2019. SCE rate options are based on rates published April 12, 2019. Both Clean Power Alliance and SCE's rates are subject to change.

2019 Schedule TOU-GS-1-E Rate Comparison						
	SCE Base rate	SCE Green Rate 50% renewable	SCE Green Rate 100% renewable	Lean Power 36% renewable	Clean Power 50% renewable	100% Green Power 100% renewable
Generation Rate (\$/kWh)	\$0.08832	\$0.09109	\$0.09386	\$0.06235	\$0.06412	\$0.08001
SCE Delivery Rate (\$/kWh)	\$0.08903	\$0.08903	\$0.08903	\$0.08400	\$0.08400	\$0.08400
Surcharges (\$/kWh)	N/A	\$0.01170	\$0.02339	\$0.02922	\$0.02922	\$0.02922
Total Costs (\$/kWh)	\$0.17735	\$0.19182	\$0.20628	\$0.17557	\$0.17734	\$0.19323
Average Monthly Bill (\$)	\$176.82	\$191.24	\$205.66	\$175.04	\$176.81	\$192.65

Monthly Usage: 997 kWh



Rates current as of April 2019.

For commercial customers served by Clean Power Alliance in Unincorporated Los Angeles County, South Pasadena or Rolling Hills Estates, surcharges and Clean Power Alliance generation rates may vary from those shown. However, overall bill comparisons are similar.

**Generation Rate** reflects the cost of producing or purchasing electricity to power your business. This rate will vary depending on your service provider and rate plan.

**SCE Delivery Rate** is a charge assessed by SCE to deliver electricity to your business. This rate depends on usage.

**Surcharges** represent the Cost Responsibility Surcharge (CRS) and Franchise Fee (FF) that are applicable to Community Choice Aggregation (CCA) customers. The CRS is a surcharge to recover costs associated with power purchases made on behalf of customers, prior to a customer's switch to a CCA. The FF recovers taxes owed to a city in exchange for allowing SCE to utilize electrical distribution lines throughout the property of the city. SCE acts as the collection agency for the FF surcharge which is levied by cities and counties for all customers.

Electric Power Generation Mix*						
	SCE (Base)	SCE Green Rate (50%)	SCE Green Rate (100%)	Lean Power	Clean Power	100% Green Power
Specific Purchases	Percent of Total Retail Sales (kWh)					
Renewable	36%	68%	100%	36%	61%	100%
Biomass & biowaste	1%	0%	0%	0%	0%	0%
Geothermal	8%	4%	0%	0%	0%	0%
Eligible hydroelectric	1%	0%	0%	0%	0%	0%
Solar	13%	57%	100%	0%	38%	100%
Wind	14%	7%	0%	36%	23%	0%
Coal	0%	0%	0%	0%	0%	0%
Large hydroelectric	4%	2%	0%	64%	39%	0%
Natural gas	17%	8%	0%	0%	0%	0%
Nuclear	6%	3%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%
Unspecified Power**	36%	18%	0%	0%	0%	0%
Total	100%	100%	100%	100%	100%	100%

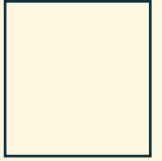
\* Generation data for SCE and CPA represents preliminary 2018 data provided through the California Energy Commission's Power Source Disclosure program.

\*\* Unspecified sources of power mean electricity from transactions that are not traceable to specific generation sources.

If this comparison does not address your current rate plan or if you have further questions, please contact Clean Power Alliance at [cleanpoweralliance.org](http://cleanpoweralliance.org) or (888) 585-3788 and SCE at [sce.com](http://sce.com) or (800) 974-2356.



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# Understanding your energy choices.

This comparison illustrates the estimated electricity costs for a typical residential customer within Clean Power Alliance's service territory with an average monthly consumption of 554 kilowatt hours (kWh). This comparison is based on Clean Power Alliance rates approved by the Board of Directors and effective as of April 4, 2019. SCE rate options are based on rates published April 12, 2019. Both Clean Power Alliance and SCE's rates are subject to change.

2019 Domestic Schedule Rate Comparison						
	SCE Base rate	SCE Green Rate 50% renewable	SCE Green Rate 100% renewable	Lean Power 36% renewable	Clean Power 50% renewable	100% Green Power 100% renewable
Generation Rate (\$/kWh)	\$0.09146	\$0.09705	\$0.10265	\$0.05925	\$0.06108	\$0.07754
SCE Delivery Rate (\$/kWh)	\$0.10888	\$0.10888	\$0.10888	\$0.10385	\$0.10385	\$0.10385
Surcharges (\$/kWh)	N/A	\$0.01477	\$0.02954	\$0.03540	\$0.03540	\$0.03540
Total Costs (\$/kWh)	\$0.20034	\$0.22070	\$0.24107	\$0.19850	\$0.20033	\$0.21679
Average Monthly Bill (\$)	\$110.99	\$122.27	\$133.55	\$109.97	\$110.98	\$120.10



Monthly Usage: 554 kWh

Rates current as of April 2019.

**Generation Rate** reflects the cost of producing or purchasing electricity to power your business. This rate will vary depending on your service provider and rate plan.

**SCE Delivery Rate** is a charge assessed by SCE to deliver electricity to your business. This rate depends on usage.

**Surcharges** represent the Cost Responsibility Surcharge (CRS) and Franchise Fee (FF) that are applicable to Community Choice Aggregation (CCA) customers. The CRS is a surcharge to recover costs associated with power purchases made on behalf of customers, prior to a customer's switch to a CCA. The FF recovers taxes owed to a city in exchange for allowing SCE to utilize electrical distribution lines throughout the property of the city. SCE acts as the collection agency for the FF surcharge which is levied by cities and counties for all customers.

Electric Power Generation Mix*						
	SCE (Base)	SCE Green Rate (50%)	SCE Green Rate (100%)	Lean Power	Clean Power	100% Green Power
Specific Purchases	Percent of Total Retail Sales (kWh)					
Renewable	36%	68%	100%	36%	61%	100%
Biomass & biowaste	1%	0%	0%	0%	0%	0%
Geothermal	8%	4%	0%	0%	0%	0%
Eligible hydroelectric	1%	0%	0%	0%	0%	0%
Solar	13%	57%	100%	0%	38%	100%
Wind	14%	7%	0%	36%	23%	0%
Coal	0%	0%	0%	0%	0%	0%
Large hydroelectric	4%	2%	0%	64%	39%	0%
Natural gas	17%	8%	0%	0%	0%	0%
Nuclear	6%	3%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%
Unspecified Power**	36%	18%	0%	0%	0%	0%
Total	100%	100%	100%	100%	100%	100%

\* Generation data for SCE and CPA represents preliminary 2018 data provided through the California Energy Commission's Power Source Disclosure program.

\*\* Unspecified sources of power mean electricity from transactions that are not traceable to specific generation sources.

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