

# DESERT COMMUNITY ENERGY BOARD MEETING AGENDA

## **Tuesday, February 11, 2020** 11:00 AM

City of Palm Springs Police Training Center 200 S. Civic Drive Palm Springs, CA 92262 760-346-1127 (CVAG)

Teleconferencing will be available at: 73301 Fred Waring Drive #200 Palm Desert, CA 92260 Phone (760) 341-6656

\*Note change in meeting location and time.

THIS MEETING IS HANDICAPPED ACCESSIBLE.
ACTION MAY RESULT ON ANY ITEMS ON THIS AGENDA.

- 1. CALL TO ORDER
- 2. ROLL CALL

A. Member Roster

#### 3. PUBLIC COMMENTS ON AGENDA ITEMS

Any person wishing to address the Desert Community Energy Board on items appearing on this agenda may do so at this time. Please limit comments to 3 minutes. At the discretion of the chair, additional public comment time and/or opportunities during the meeting may be granted.

- 4. BOARD MEMBER / DIRECTOR COMMENTS
- 5. CONSENT CALENDAR
  - A. Approve Minutes from Board Meeting of January 13, 2020

#### 6. DISCUSSION / ACTION

| A. Approve Revised Desert Community Energy Retail Generation Rate Schedule – Shawn Isaac  | P7  |
|---|-----|
| Recommendation: Adopt Resolution 2020-02 approving a revised Deserministry Energy retail generation rate schedule effective April 1, 2020 which includes providing low income customers the 100% Carbon Free plan at Deserministry. Saver rates.    | ch  |
| B. Establish Palm Springs DCE Working Group – Benjamin Druyon<br>Recommendation: Establish a Palm Springs DCE Working Group to focus of<br>Palm Springs specific activities related to DCE launch and establish a process<br>for selecting members. |     |
| 7. INFORMATION  |     |
| A. Attendance Record  | P23 |
| B. Financial Report   | P24 |
| C. Net Energy Metering program update   | P26 |

#### 8. PUBLIC COMMENTS ON NON-AGENDA ITEMS

Any person wishing to address the Board on items <u>not</u> appearing on this agenda may do so at this time. Please limit comments to 2 minutes. At the discretion of the chair, additional public comment time and/or opportunities during the meeting may be granted.

#### 9. ANNOUNCEMENTS

Next DCE Board Meeting: the next regular meeting is scheduled for March 16, 2020 at 2:30 p.m.

#### 10. ADJOURN

# Desert Community Energy Board Member Roster 2019-2020



|                        | VOTING MEMBERS                           |
|------------------------|--|
| City of Cathedral City | Mayor John Aguilar, Vice Chair           |
|                        | Alternate: Mayor Pro Tem Raymond Gregory |
| City of Palm Desert    | Councilmember Sabby Jonathan             |
|                        | Alternate: Mayor Pro Tem Kathleen Kelly  |
| City of Palm Springs   | Mayor Geoff Kors, Chair                  |
|                        | Alternate: Councilmember Lisa Middleton  |

| NON-VOTING MEMBER          |        |  |  |  |  |
|----------------------------|--------|--|--|--|--|
| City of Desert Hot Springs | Vacant |  |  |  |  |

| STAFF   |
|---|
| Tom Kirk, Executive Director                                |
| Katie Barrows, Director of Energy & Environmental Resources |
| Benjamin Druyon, Management Analyst                         |
| Shawn Isaac, Program Manager                                |
| Libby Carlson, Senior Program Analyst                       |

Desert Community Energy Board Meeting Minutes January 13, 2020 3:30 pm



City of Palm Springs Police Training Center 200 S. Civic Drive Palm Springs, CA 92262 760-346-1127 (CVAG)

The audio file for this meeting can be found at: http://www.desertcommunityenergy.org

#### 1. CALL TO ORDER

The meeting of the DCE Board was called to order by Chair Kors at 3:36 pm at 200 S. Civic Drive, Palm Springs, California.

#### 2. ROLL CALL

Roll call was taken and it was determined that a quorum was present.

#### **Members Present**

Councilmember Sabby Jonathan Mayor Geoff Kors, Chair Mayor John Aguilar, Vice Chair

#### Others Present Kathleen Kelly

Patrick Tallarico
David Freedman
Kim Floyd
Hector Sanchez Perez
Dave Powell
Paul and Zane Williamson
Michele and Jerry Johnson
Joseph Hummell
Fred Noble

#### **DCE Staff & Consultants**

Tom Kirk
Katie Barrows
Shawn Isaac
Benjamin Druyon
Jeff Fuller, The Energy Authority
Jaclyn Harr, The Energy Authority

#### Agency

City of Palm Desert City of Palm Springs City of Cathedral City

City of Palm Desert City of Palm Springs DCE Community Advisory Committee Sierra Club Lift to Rise Desert Business Org

3. PUBLIC COMMENTS ON AGENDA ITEMS – David Freedman commented on item 6C.

Joseph Hummell, resident and homeowner in Palm Desert, commented on item 6C. Fred Noble commented on the benefits of local control, choice, renewable energy and innovation.

**4. BOARD MEMBER / DIRECTOR COMMENTS** – Councilmember Jonathan reported on a January 9 study session on DCE at the Palm Desert City Council. Chair Kors requested an item on the next agenda about the Community Advisory Committee and a focus on outreach for Palm Springs launch.

#### 5. CONSENT CALENDAR

A. Approve Minutes from Board Meetings of December 9, 2019

IT WAS MOVED BY BOARD MEMBER SABBY JONATHAN AND SECONDED BY VICE CHAIR AGUILAR TO APPROVE THE BOARD MEETING MINUTES OF DECEMBER 9, 2019. THE MOTION CARRIED UNANIMOUSLY.

#### 6. DISCUSSION / ACTION

A. DCE Program Schedule and Activities Update – Tom Kirk provided an update on the plans for DCE to start serving customers in Palm Springs in April 2020 with the 100% Carbon Free plan. A copy of the first enrollment notice was provided to Board members with a request for comments in the next day or two; these notices will go out in February in Palm Springs. It was also noted that Palm Springs launch related expenses will be tracked. He noted study sessions in Palm Desert and Cathedral City. Palm Desert discussed potential purchase of 100% green carbon-free power for municipal accounts.

DCE launched the Utility Discount Program to enroll more customers in low income programs on January 1.

**B.** Approve Desert Community Energy Rate Schedule – Katie Barrows. Katie Barrows provided a brief overview of the proposed rate schedule for DCE product offerings and rate information that will be available to customers on the DCE website and through the customer call center. The Board provided direction to staff to get input from the Palm Springs City Council on options for low income customers with regard to 100% Carbon Free and bring back a recommendation in February.

IT WAS MOVED BY CHAIR KORS AND SECONDED BY VICE CHAIR AGUILAR TO SET RATES AT LESS THAN 10% ABOVE SCE'S DEFAULT RATE AND LESS THAN SCE'S GREEN RATE, AND THE DESERT SAVER RATE SET AT LESS THAN SCE'S DEFAULT RATE.

#### THE MOTION CARRIED WITH 3 AYES.

Vice Chair Aguilar Aye
Board member Jonathan Aye
Chair Kors Aye

C. Net Energy Metering Program for Desert Community Energy – Shawn Isaac Shawn Isaac described the basics of a Net Energy Metering (NEM) program for solar customers. He summarized options for the Board to consider. Chair Kors indicated that he would like to see DCE enroll NEM customers in 2020. It was determined that May is the best month to enroll customers.

IT WAS MOVED BY CHAIR KORS AND SECONDED BY BOARD MEMBER JONATHAN TO ENROLL NET ENERGY METERING/SOLAR CUSTOMER IN MAY 2020.

#### THE MOTION CARRIED WITH 3 AYES.

Vice Chair Aguilar Aye
Board member Jonathan Aye
Chair Kors Aye

#### **D. Potential DCE Program Offerings** – Katie Barrows

Katie Barrows provided an overview of some of the programs being offered by other Community Choice Aggregation agencies in the state, that could be offered by DCE in the future. Board members asked staff to explore grant opportunities for these programs. This topic will be discussed with the Community Advisory Committee and brought back at future DCE meetings.

#### 7. INFORMATION

The following items were submitted for information only:

- A. Attendance Record
- **B.** Financial Report
- **C.** Community Advisory Committee Report
- D. CARE/FERA Program Update

#### 8. PUBLIC COMMENT ON NON-AGENDA ITEMS

Fred Noble made a comment encouraging DCE to consider community solar. Joseph Hummell commented on Palm Desert Study Session.

#### 9. ANNOUNCEMENTS

Next DCE Board meeting will be February 24, 2020 at 2:30 pm, in Palm Springs

#### 10. ADJOURN

The meeting was adjourned at 5:03 pm.

Respectfully submitted, Benjamin Druyon

## Desert Community Energy Board February 11, 2020



#### STAFF REPORT

Subject: Approve Revised Desert Community Energy Retail Generation Rate

**Schedule** 

Contact: Shawn Isaac, Program Manager (<u>sisaac@cvag.org</u>)

**Recommendation:** Adopt Resolution 2020-02 approving a revised Desert Community Energy retail generation rate schedule effective April 1, 2020 which includes providing low income customers the 100% Carbon Free plan at Desert Saver rates.

<u>Background</u>: At the January 13, 2020 meeting, the DCE Board set rates for 2020, which will apply to the April 2020 launch in Palm Springs. The Board discussed various rate options and approved a rate schedule which set rates for the Desert Saver basic plan at a 0.5% discount on the total bill compared with SCE's default rate. The Board also set rates for DCE's 100% Carbon Free plan at an average total bill premium of 9.8% compared to SCE's base rate. Although individual rate class adjustments vary somewhat, in all cases the DCE Board intended that the premium for the 100% Carbon Free plan be less than 10% compared to SCE's base product. The revised rate schedule, included as Attachment 2, incorporates an adjustment amount to provide low-income customers with 100% carbon-free energy at DCE's Desert Saver rate.

The DCE Board considered several options regarding rates for CARE, FERA and Medical Baseline discount program participants ("CARE customers"). The discussion focused on whether CARE customers should be enrolled at the 100% carbon-free rate and if so, how the additional cost to do so would be funded. The DCE Board considered several possible approaches. One option was to cover the cost of 100% carbon-free electricity for CARE customers by way of a surcharge added to all other non-CARE customer accounts, an approach used by some Community Choice Energy agencies in California. If this subsidy approach is utilized for Palm Springs, estimated non-CARE customer rates would increase by about \$0.00166 / kWh (or about \$1.62 / month for a non-CARE residential customer with average monthly energy consumption of 977 kWh). The non-CARE customers' 100% Carbon Free bill premiums increase by about 0.85% resulting in total bill comparison premiums about 10-11% above SCE's default product, depending on customer class. Another option discussed included providing the 100% carbon-free rate to CARE customers at the same, non-subsidized rate paid by all other DCE customers and also implement an aggressive outreach program to advise these customers of their choice to opt-down to the lower cost Desert Saver plan and thus avoid the 100% carbon free rate premium.

At the request of Chair Kors, the DCE Board referred the matter to the Palm Springs City Council for additional input. The Palm Springs City Council discussed this item at their January 30<sup>th</sup> meeting. After Council discussion which included public input, the Council chose to enroll CARE customers in DCE's 100% Carbon Free plan, with the added premium to be subsidized by non-CARE customers. This option would provide 100% carbon-free electricity for all Palm Springs CARE customers at the Desert Saver rate. This option benefits CARE customers since Desert Saver is less than SCE's base rate.

There are currently approximately 6,000 CARE customers in Palm Springs, and an estimated 800 additional customers that are eligible to participate but not enrolled. CARE customers enrolled in DCE will continue to receive their discounts which will continue to be accounted for and applied within the SCE billing process. No additional action is required by the current CARE customers.

Staff recommends the Board approve the revised Desert Community Energy retail generation rate schedule. Resolution 2020-02 which has been modified to reflect the date the revised Desert Community Energy rate schedule will supersede the previous Resolution 2020-01.

<u>Fiscal Analysis</u>: Estimated non-CARE customer rates would increase by about \$0.00166 / kWh (or about \$1.62 / month for a non-CARE residential customer with average monthly energy consumption of 977 kWh). DCE rates for the default 100% Carbon Free plan selected by Palm Springs have been revised to incorporate the CARE customer subsidy and which are approximately 10-11% above SCE base rates, depending on customer class. The DCE Desert Saver rates remain unchanged at 0.5% below SCE's base rate. Both the DCE Desert Saver and 100% Carbon Free plans will be offered at a lower cost than the comparable SCE rates. Including the CARE customer subsidy adjustment, the DCE 100% Carbon Free plan will be offered at about 3-4% total bill discount compared to SCE's Green Rate. The approved rates are designed to yield sufficient revenues to cover anticipated DCE program management and power supply costs.

#### **Attachments:**

- 1. Resolution 2020-02 for Desert Community Choice
- 2. Rate Schedule Effective April 1, 2020

#### **RESOLUTION NO. 2020-02**

# A RESOLUTION OF THE BOARD OF DIRECTORS OF DESERT COMMUNITY ENERGY APPROVING CUSTOMER GENERATION RATES

THE BOARD OF DIRECTORS OF DESERT COMMUNITY ENERGY DOES HEREBY FIND, RESOLVE, AND ORDER AS FOLLOWS:

**WHEREAS**, the Desert Community Energy (DCE) was formed on October 30, 2017 pursuant to a Joint Powers Agreement to study, promote, develop, conduct, operate, and manage energy programs in the Coachella Valley; and

WHEREAS, the Desert Community Energy (DCE) Implementation Plan was certified by the California Public Utilities Commission on March 9, 2018; and

**WHEREAS**, the Board of Directors directed staff to procure power supply for DCE's customer load using the maximum renewable and carbon free resource mix while keeping the DCE's customer generation rates below Southern California Edison's ("SCE") generation rates.

WHEREAS, it is necessary to establish power generation rates for customers of DCE; and

**WHEREAS**, the rates are set sufficient to cover the operating costs of DCE including the establishment and maintenance of sufficient financial reserves.

**NOW THEREFORE**, the Board of Directors ("Board") of Desert Community Energy does hereby resolve, determine, and order as follows:

<u>Section 1</u>. The proposed rate schedule as presented in Attachment 2 is hereby approved.

| PASSED, APPROVED, AND ADOPTED this 11th | day of February 2020 by the following vote:    |
|---|--|
| AYES:                                   |  |
| NOES:                                   |  |
| ABSTAIN:                                |  |
| ABSENT:                                 |  |
|   | Geoff Kors<br>Chair<br>Desert Community Energy |
| Attest:                                 |  |
|   |  |

Tom Kirk Secretary

Desert Community Energy

| Desert ( | Community | / Energy | 2020 Rate | e Schedule |
|----------|-----------|----------|-----------|------------|
|          |           |          |           |            |

| Utility Tariff / Rate Schedule  | CCA Rate Name | Season | Charge Type | Time of Use Period | Desert Saver | 100% Carbon<br>Free<br>CARE/FERA<br>/MB* | 100% Carbon<br>Free |
|---|---------------|--------|-------------|--------------------|--------------|--|---------------------|
| <b>DOMESTIC</b> , D-APS, D-APSE, DE, DE-FERA-SDP, DE-SDP, DE-SDP-O, D-FERA, D-FERA-SDP, D-FERA-SDP-O, DM, DMS-1, DMS-2, D-S, D-SDP, D-SDP-O | DOMESTIC      | All    | Generation  | Total              | 0.06815      | 0.06815                                  | 0.08814             |
|   |               |        |             |                    |              |  |                     |
| D-CARE, D-CARE-APS, D-CARE-APS-E, D-CARE-SDP, D-CARE-SDP-O, TOU-D-T-CARE, D-S-CARE  | DOMESTIC CARE | All    | Generation  | Total              | 0.06815      | 0.06815                                  | 0.06815             |
|   |               |        |             |                    |              |  |                     |
|   | TOU-D-4       | Summer | Generation  | On-Peak            | 0.14590      | 0.14590                                  | 0.18079             |
|   | TOU-D-4       | Summer | Generation  | Mid-Peak           | 0.07713      | 0.07713                                  | 0.09884             |
| TOU-D-4, TOU-D-4-SDP, TOU-D-4-SDP-O, TD   | TOU-D-4       | Summer | Generation  | Off-Peak           | 0.04929      | 0.04929                                  | 0.06567             |
| 4-C-SDP   | TOU-D-4       | Winter | Generation  | Mid-Peak           | 0.09717      | 0.09717                                  | 0.12272             |
| , 5 52.   | TOU-D-4       | Winter | Generation  | Off-Peak           | 0.06069      | 0.06069                                  | 0.07925             |
|   | TOU-D-4       | Winter | Generation  | Super OfPk         | 0.04346      | 0.04346                                  | 0.05873             |
|   | TOU-D-4       | All    | Generation  | Baseline Credit    | 0.00000      | 0.00000                                  | 0.00166             |
|   |               |        |             |                    |              |  |                     |
|   | TOU-D-5       | Summer | Generation  | On-Peak            | 0.23099      | 0.23099                                  | 0.28218             |
|   | TOU-D-5       | Summer | Generation  | Mid-Peak           | 0.11610      | 0.11610                                  | 0.14527             |
|   | TOU-D-5       | Summer | Generation  | Off-Peak           | 0.04328      | 0.04328                                  | 0.05850             |
| TOU-D-5, TOU-D-5-SDP, TOU-D-5-SDPO  | TOU-D-5       | Winter | Generation  | Mid-Peak           | 0.14558      | 0.14558                                  | 0.18041             |
|   | TOU-D-5       | Winter | Generation  | Off-Peak           | 0.05940      | 0.05940                                  | 0.07772             |
|   | TOU-D-5       | Winter | Generation  | Super OfPk         | 0.03754      | 0.03754                                  | 0.05167             |
|   | TOU-D-5       | All    | Generation  | Baseline Credit    | 0.00000      | 0.00000                                  | 0.00166             |

| Utility Tariff / Rate Schedule       | CCA Rate Name | Season | Charge Type | Time of Use Period | Desert Saver | 100% Carbon<br>Free<br>CARE/FERA<br>/MB* | 100% Carbon<br>Free |
|--------------------------------------|---------------|--------|-------------|--------------------|--------------|--|---------------------|
|                                      | TOU-D-A       | Summer | Generation  | On-Peak            | 0.20953      | 0.20953                                  | 0.25661             |
|                                      | TOU-D-A       | Summer | Generation  | Off-Peak           | 0.05357      | 0.05357                                  | 0.07076             |
| TD-A-C-SDP, TOU-D-A, TOU-D-A-C, TOU- | - TOU-D-A     | Summer | Generation  | Super OfPk         | 0.03516      | 0.03516                                  | 0.04883             |
| D-A-SDP, TOU-D-A-SDPO, TOU-D-A-      | TOU-D-A       | Winter | Generation  | On-Peak            | 0.11256      | 0.11256                                  | 0.14105             |
| SDPO, TOU-DE-A, TOU-DE-A-SDP,        | TOU-D-A       | Winter | Generation  | Off-Peak           | 0.04302      | 0.04302                                  | 0.05820             |
|                                      | TOU-D-A       | Winter | Generation  | Super OfPk         | 0.03618      | 0.03618                                  | 0.05004             |
|                                      | TOU-D-A       | All    | Generation  | Baseline Credit    | 0.00000      | 0.00000                                  | 0.00166             |
|                                      |               |        |             |                    |              |  |                     |
|                                      | TOU-D-B       | Summer | Generation  | On-Peak            | 0.32131      | 0.32131                                  | 0.38980             |
| TOU-D-B, TOU-D-B-C, TOU-D-B-SDP,     | TOU-D-B       | Summer | Generation  | Off-Peak           | 0.05357      | 0.05357                                  | 0.07076             |
| TOU-D-B-SDP-O, TOU-DE-B, TOU-DE-B-   | TOU-D-B       | Summer | Generation  | Super OfPk         | 0.00847      | 0.00847                                  | 0.01703             |
| SDP, TD-B-C-SDP, TOU-D-PRIME, TOU-D  | -TOU-D-B      | Winter | Generation  | On-Peak            | 0.08858      | 0.08858                                  | 0.11249             |
| P-SDP, TD-B-C-SO                     | TOU-D-B       | Winter | Generation  | Off-Peak           | 0.04302      | 0.04302                                  | 0.05820             |
|                                      | TOU-D-B       | Winter | Generation  | Super OfPk         | 0.00906      | 0.00906                                  | 0.01773             |
|                                      |               |        |             |                    |              |  |                     |
|                                      | TOU-D-PRIME   | Summer | Generation  | On-Peak            | 0.20915      | 0.20915                                  | 0.25615             |
|                                      | TOU-D-PRIME   | Summer | Generation  | Off-Peak           | 0.09307      | 0.09307                                  | 0.11783             |
| TOU-D-PRIME, TOU-D-P-SDP, TOU-D-P-   | TOU-D-PRIME   | Summer | Generation  | Super OfPk         | 0.02852      | 0.02852                                  | 0.04091             |
| С                                    | TOU-D-PRIME   | Winter | Generation  | Mid-Peak           | 0.17272      | 0.17272                                  | 0.21274             |
|                                      | TOU-D-PRIME   | Winter | Generation  | Off-Peak           | 0.02426      | 0.02426                                  | 0.03584             |
|                                      | TOU-D-PRIME   | Winter | Generation  | Super OfPk         | 0.02426      | 0.02426                                  | 0.03584             |

| Utility Tariff / Rate Schedule | CCA Rate Name  | Season | Charge Type | Time of Use Period | Desert Saver | 100% Carbon<br>Free<br>CARE/FERA<br>/MB* | 100% Carbon<br>Free |
|--------------------------------|----------------|--------|-------------|--------------------|--------------|--|---------------------|
|                                | TOU-D-T        | Summer | Generation  | On-Peak            | 0.10178      | 0.10178                                  | 0.12821             |
| TOU-D-T, TOU-DT-C-SDP          | TOU-D-T        | Summer | Generation  | Off-Peak           | 0.09003      | 0.09003                                  | 0.11421             |
| 100 5 1, 100 51 6 351          | TOU-D-T        | Winter | Generation  | On-Peak            | 0.06071      | 0.06071                                  | 0.07927             |
|                                | TOU-D-T        | Winter | Generation  | Off-Peak           | 0.05269      | 0.05269                                  | 0.06972             |
|                                | TOU-D-T-CARE   | Summer | Generation  | On-Peak            | 0.10178      | 0.10178                                  | 0.10178             |
|                                | TOU-D-T-CARE   | Summer | Generation  | Off-Peak           | 0.09003      | 0.09003                                  | 0.09003             |
| TOU-D-T-CARE                   | TOU-D-T-CARE   | Winter | Generation  | On-Peak            | 0.06071      | 0.06071                                  | 0.06071             |
|                                | TOU-D-T-CARE   | Winter | Generation  | Off-Peak           | 0.05269      | 0.05269                                  | 0.05269             |
|                                |                |        |             |                    |              |  |                     |
|                                | TOU-EV-1       | Summer | Generation  | On-Peak            | 0.20665      | 0.20665                                  | 0.25317             |
| TOU-EV-1                       | TOU-EV-1       | Summer | Generation  | Off-Peak           | 0.00671      | 0.00671                                  | 0.01493             |
|                                | TOU-EV-1       | Winter | Generation  | On-Peak            | 0.07134      | 0.07134                                  | 0.09194             |
|                                | TOU-EV-1       | Winter | Generation  | Off-Peak           | 0.01378      | 0.01378                                  | 0.02336             |
|                                | TOU-EV-3-SEC-A | Summer | Generation  | On-Peak            | 0.23326      | 0.23326                                  | 0.28419             |
|                                | TOU-EV-3-SEC-A | Summer | Generation  | Mid-Peak           | 0.04920      | 0.04920                                  | 0.06487             |
|                                | TOU-EV-3-SEC-A | Summer | Generation  | Off-Peak           | 0.00889      | 0.00889                                  | 0.01683             |
| TOU-EV-3-A                     | TOU-EV-3-SEC-A | Winter | Generation  | On-Peak            | 0.04228      | 0.04228                                  | 0.05662             |
|                                | TOU-EV-3-SEC-A | Winter | Generation  | Mid-Peak           | 0.03365      | 0.03365                                  | 0.04633             |
|                                | TOU-EV-3-SEC-A | Winter | Generation  | Off-Peak           | 0.01345      | 0.01345                                  | 0.02227             |
|                                |                |        |             |                    | 0.24524      | 0.24524                                  | 0.06070             |
|                                | TOU-EV-4-SEC   | Summer | Generation  | On-Peak            | 0.21524      | 0.21524                                  | 0.26272             |
|                                | TOU-EV-4-SEC   | Summer | Generation  | Mid-Peak           | 0.04447      | 0.04447                                  | 0.05923             |
| TOU-EV-4                       | TOU-EV-4-SEC   | Summer | Generation  | Off-Peak           | 0.00889      | 0.00889                                  | 0.01683             |
|                                | TOU-EV-4-SEC   | Winter | Generation  | On-Peak            | 0.03897      | 0.03897                                  | 0.05268             |
|                                | TOU-EV-4-SEC   | Winter | Generation  | Mid-Peak           | 0.02722      | 0.02722                                  | 0.03868             |
|                                | TOU-EV-4-SEC   | Winter | Generation  | Off-Peak           | 0.01344      | 0.01344                                  | 0.02226             |

| Utility Tariff / Rate Schedule | CCA Rate Name | Season | Charge Type | Time of Use Period | Desert Saver | 100% Carbon<br>Free<br>CARE/FERA<br>/MB* | 100% Carbon<br>Free |
|--------------------------------|---------------|--------|-------------|--------------------|--------------|--|---------------------|
|                                | TOU-EV-7-E    | Summer | Generation  | On-Peak            | 0.21274      | 0.21274                                  | 0.25974             |
|                                | TOU-EV-7-E    | Summer | Generation  | Mid-Peak           | 0.10210      | 0.10210                                  | 0.12790             |
| TOU-EV-7-E                     | TOU-EV-7-E    | Summer | Generation  | Off-Peak           | 0.06519      | 0.06519                                  | 0.08392             |
| 100-20-7-2                     | TOU-EV-7-E    | Winter | Generation  | On-Peak            | 0.12186      | 0.12186                                  | 0.15145             |
|                                | TOU-EV-7-E    | Winter | Generation  | Mid-Peak           | 0.05726      | 0.05726                                  | 0.07447             |
|                                | TOU-EV-7-E    | Winter | Generation  | Off-Peak           | 0.02105      | 0.02105                                  | 0.03133             |
|                                |               |        |             |                    |              |  |                     |
|                                | TOU-EV-9      | Summer | Generation  | On-Peak            | 0.26605      | 0.26605                                  | 0.32326             |
|                                | TOU-EV-9      | Summer | Generation  | Mid-Peak           | 0.04936      | 0.04936                                  | 0.06506             |
| TOU-EV-9                       | TOU-EV-9      | Summer | Generation  | Off-Peak           | 0.03290      | 0.03290                                  | 0.04545             |
| 100-LV-9                       | TOU-EV-9      | Winter | Generation  | On-Peak            | 0.08436      | 0.08436                                  | 0.10676             |
|                                | TOU-EV-9      | Winter | Generation  | Mid-Peak           | 0.03861      | 0.03861                                  | 0.05225             |
|                                | TOU-EV-9      | Winter | Generation  | Off-Peak           | 0.00912      | 0.00912                                  | 0.01710             |
|                                |               |        |             |                    |              |  |                     |
|                                | TOU-8-SEC-R   | Summer | Generation  | On-Peak            | 0.21024      | 0.21024                                  | 0.25605             |
|                                | TOU-8-SEC-R   | Summer | Generation  | Mid-Peak           | 0.07482      | 0.07482                                  | 0.09469             |
| TOU-8-SEC-R                    | TOU-8-SEC-R   | Summer | Generation  | Off-Peak           | 0.03167      | 0.03167                                  | 0.04327             |
|                                | TOU-8-SEC-R   | Winter | Generation  | Mid-Peak           | 0.05119      | 0.05119                                  | 0.06653             |
|                                | TOU-8-SEC-R   | Winter | Generation  | Off-Peak           | 0.02415      | 0.02415                                  | 0.03431             |
|                                |               |        |             |                    |              |  |                     |
|                                | TOU-8-PRI-B   | Summer | Generation  | On-Peak            | 0.03486      | 0.03486                                  | 0.04700             |
|                                | TOU-8-PRI-B   | Summer | Generation  | Mid-Peak           | 0.03089      | 0.03089                                  | 0.04226             |
|                                | TOU-8-PRI-B   | Summer | Generation  | Off-Peak           | 0.02941      | 0.02941                                  | 0.04050             |
| TOU-8-PRI-B                    | TOU-8-PRI-B   | Summer | Demand      | On-Peak            | 22.5205      | 22.5205                                  | 26.8346             |
|                                | TOU-8-PRI-B   | Winter | Generation  | Mid-Peak           | 0.05115      | 0.05115                                  | 0.06640             |
|                                | TOU-8-PRI-B   | Winter | Generation  | Off-Peak           | 0.02291      | 0.02291                                  | 0.03275             |
|                                | TOU-8-PRI-B   | Winter | Demand      | Weekdays (4-9 pm)  | 4.39423      | 4.39423                                  | 5.23603             |

| Utility Tariff / Rate Schedule   | CCA Rate Name | Season | Charge Type | Time of Use Period | Desert Saver | 100% Carbon<br>Free<br>CARE/FERA<br>/MB* | 100% Carbon<br>Free |
|----------------------------------|---------------|--------|-------------|--------------------|--------------|--|---------------------|
|                                  | TOU-8-SEC-D   | Summer | Generation  | On-Peak            | 0.06118      | 0.06118                                  | 0.07844             |
|                                  | TOU-8-SEC-D   | Summer | Generation  | Mid-Peak           | 0.05299      | 0.05299                                  | 0.06868             |
|                                  | TOU-8-SEC-D   | Summer | Generation  | Off-Peak           | 0.02639      | 0.02639                                  | 0.03698             |
| TOU-8-SEC-D                      | TOU-8-SEC-D   | Summer | Demand      | On-Peak            | 22.5200      | 22.5200                                  | 26.8300             |
| 100-8-320-0                      | TOU-8-SEC-D   | Winter | Demand      | Mid-Peak           | 4.39000      | 4.39000                                  | 5.24000             |
|                                  | TOU-8-SEC-D   | Winter | Generation  | Mid-Peak           | 0.04099      | 0.04099                                  | 0.05437             |
|                                  | TOU-8-SEC-D   | Winter | Generation  | Off-Peak           | 0.03117      | 0.03117                                  | 0.04267             |
|                                  | TOU-8-SEC-D   | Winter | Generation  | Super Off-Peak     | 0.01275      | 0.01275                                  | 0.02072             |
|                                  |               |        |             |                    |              |  |                     |
|                                  | TOU-8-PRI-D   | Summer | Generation  | On-Peak            | 0.05706      | 0.05706                                  | 0.07345             |
|                                  | TOU-8-PRI-D   | Summer | Generation  | Mid-Peak           | 0.04933      | 0.04933                                  | 0.06424             |
|                                  | TOU-8-PRI-D   | Summer | Generation  | Off-Peak           | 0.02433      | 0.02433                                  | 0.03444             |
| TOU-8-PRI-D                      | TOU-8-PRI-D   | Summer | Demand      | On-Peak            | 22.2300      | 22.2300                                  | 26.4800             |
| 100-8-FNI-D                      | TOU-8-PRI-D   | Winter | Demand      | Mid-Peak           | 4.70000      | 4.70000                                  | 5.60000             |
|                                  | TOU-8-PRI-D   | Winter | Generation  | Mid-Peak           | 0.03818      | 0.03818                                  | 0.05095             |
|                                  | TOU-8-PRI-D   | Winter | Generation  | Off-Peak           | 0.02887      | 0.02887                                  | 0.03986             |
|                                  | TOU-8-PRI-D   | Winter | Generation  | Super Off-Peak     | 0.01142      | 0.01142                                  | 0.01906             |
|                                  |               |        |             |                    |              |  |                     |
|                                  | TOU-8-PRI-R   | Summer | Generation  | On-Peak            | 0.20910      | 0.20910                                  | 0.25461             |
|                                  | TOU-8-PRI-R   | Summer | Generation  | Mid-Peak           | 0.06986      | 0.06986                                  | 0.08870             |
| TOU-8-PRI-R                      | TOU-8-PRI-R   | Summer | Generation  | Off-Peak           | 0.02941      | 0.02941                                  | 0.04050             |
|                                  | TOU-8-PRI-R   | Winter | Generation  | Mid-Peak           | 0.05115      | 0.05115                                  | 0.06640             |
|                                  | TOU-8-PRI-R   | Winter | Generation  | Off-Peak           | 0.02291      | 0.02291                                  | 0.03275             |
|                                  |               |        |             |                    |              |  |                     |
|                                  | TOU-GS-1-A    | Summer | Generation  | On-Peak            | 0.10885      | 0.10885                                  | 0.13594             |
| TOU-GS1A, TOU-GS1A-AE, TOU-GS1A- | TOU-GS-1-A    | Summer | Generation  | Mid-Peak           | 0.10054      | 0.10054                                  | 0.12604             |
| AEC, TOU-GS1A-C                  | TOU-GS-1-A    | Summer | Generation  | Off-Peak           | 0.09558      | 0.09558                                  | 0.12013             |
| ALC, TOU-USTA-C                  | TOU-GS-1-A    | Winter | Generation  | Mid-Peak           | 0.05894      | 0.05894                                  | 0.07648             |
|                                  | TOU-GS-1-A    | Winter | Generation  | Off-Peak           | 0.05066      | 0.05066                                  | 0.06661             |

|                             |                    |        |             |                    |              | 100% Carbon       |             |
|-----------------------------|--------------------|--------|-------------|--------------------|--------------|-------------------|-------------|
| Utility Tariff / Rate Sched | lule CCA Rate Name | Season | Charge Type | Time of Use Period | Desert Saver | Free              | 100% Carbon |
|                             |                    |        |             |                    |              | CARE/FERA<br>/MB* | Free        |
|                             | TOU-GS-1-B         | Summer | Generation  | On-Peak            | 0.04500      | 0.04500           | 0.05987     |
|                             | TOU-GS-1-B         | Summer | Generation  | Mid-Peak           | 0.04070      | 0.04070           | 0.05474     |
|                             | TOU-GS-1-B         | Summer | Generation  | Off-Peak           | 0.03812      | 0.03812           | 0.05166     |
| TOU-GS-1-B                  | TOU-GS-1-B         | Summer | Demand      | On-Peak            | 10.9267      | 10.9267           | 13.0199     |
|                             | TOU-GS-1-B         | Summer | Demand      | Mid-Peak           | 3.47223      | 3.47223           | 4.13740     |
|                             | TOU-GS-1-B         | Winter | Generation  | Mid-Peak           | 0.05894      | 0.05894           | 0.07648     |
|                             | TOU-GS-1-B         | Winter | Generation  | Off-Peak           | 0.05066      | 0.05066           | 0.06661     |
|                             |                    |        |             |                    |              |                   |             |
|                             | TOU-GS-1-E         | Summer | Generation  | On-Peak            | 0.29153      | 0.29153           | 0.35362     |
|                             | TOU-GS-1-E         | Summer | Generation  | Mid-Peak           | 0.10203      | 0.10203           | 0.12782     |
| TOU-GS-1-E                  | TOU-GS-1-E         | Summer | Generation  | Off-Peak           | 0.05595      | 0.05595           | 0.07291     |
| 100-03-1-2                  | TOU-GS-1-E         | Winter | Generation  | Mid-Peak           | 0.12180      | 0.12180           | 0.15137     |
|                             | TOU-GS-1-E         | Winter | Generation  | Off-Peak           | 0.04611      | 0.04611           | 0.06119     |
|                             | TOU-GS-1-E         | Winter | Generation  | Super Off-Peak     | 0.02098      | 0.02098           | 0.03125     |
|                             |                    |        |             |                    |              |                   |             |
|                             | TOU-GS-1-D         | Summer | Generation  | On-Peak            | 0.07103      | 0.07103           | 0.09088     |
|                             | TOU-GS-1-D         | Summer | Generation  | Mid-Peak           | 0.06213      | 0.06213           | 0.08027     |
|                             | TOU-GS-1-D         | Summer | Generation  | Off-Peak           | 0.03204      | 0.03204           | 0.04442     |
| TOU-GS-1-D                  | TOU-GS-1-D         | Summer | Demand      | On-Peak            | 14.6900      | 14.6900           | 17.5100     |
| 100-03-1-0                  | TOU-GS-1-D         | Winter | Generation  | Mid-Peak           | 0.06562      | 0.06562           | 0.08444     |
|                             | TOU-GS-1-D         | Winter | Generation  | Off-Peak           | 0.04011      | 0.04011           | 0.05404     |
|                             | TOU-GS-1-D         | Winter | Generation  | Super Off-Peak     | 0.02432      | 0.02432           | 0.03522     |
|                             | TOU-GS-1-D         | Winter | Demand      | Weekdays (4-9 pm)  | 3.41000      | 3.41000           | 4.07000     |
|                             |                    |        |             |                    |              |                   |             |
|                             | TOU-GS-2-B         | Summer | Generation  | On-Peak            | 0.04470      | 0.04470           | 0.05935     |
|                             | TOU-GS-2-B         | Summer | Generation  | Mid-Peak           | 0.04046      | 0.04046           | 0.05430     |
|                             | TOU-GS-2-B         | Summer | Generation  | Off-Peak           | 0.03792      | 0.03792           | 0.05128     |
| TOU-GS-2-B                  | TOU-GS-2-B         | Summer | Demand      | On-Peak            | 13.8987      | 13.8987           | 16.5613     |
|                             | TOU-GS-2-B         | Summer | Demand      | Mid-Peak           | 4.61002      | 4.61002           | 5.49315     |
|                             | TOU-GS-2-B         | Winter | Generation  | Mid-Peak           | 0.05921      | 0.05921           | 0.07665     |
|                             | TOU-GS-2-B         | Winter | Generation  | Off-Peak           | 0.02838      | 0.02838           | 0.03991     |
|                             |                    |        |             |                    |              |                   |             |

|                                |                |        |             |                    |              | 100% Carbon               |                     |
|--------------------------------|----------------|--------|-------------|--------------------|--------------|---------------------------|---------------------|
| Utility Tariff / Rate Schedule | CCA Rate Name  | Season | Charge Type | Time of Use Period | Desert Saver | Free<br>CARE/FERA<br>/MB* | 100% Carbon<br>Free |
|                                | TOU-GS-2-E     | Summer | Generation  | On-Peak            | 0.33151      | 0.33151                   | 0.40111             |
|                                | TOU-GS-2-E     | Summer | Generation  | Mid-Peak           | 0.06138      | 0.06138                   | 0.07923             |
|                                | TOU-GS-2-E     | Summer | Generation  | Off-Peak           | 0.03186      | 0.03186                   | 0.04405             |
| TOU-GS-2-E                     | TOU-GS-2-E     | Summer | Demand      | On-Peak            | 4.30596      | 4.30596                   | 5.13084             |
| 100-03-2-2                     | TOU-GS-2-E     | Winter | Generation  | Mid-Peak           | 0.09092      | 0.09092                   | 0.11443             |
|                                | TOU-GS-2-E     | Winter | Generation  | Off-Peak           | 0.03749      | 0.03749                   | 0.05076             |
|                                | TOU-GS-2-E     | Winter | Generation  | Super Off-Peak     | 0.01576      | 0.01576                   | 0.02487             |
|                                | TOU-GS-2-E     | Winter | Demand      | Weekdays (4-9 pm)  | 0.83373      | 0.83373                   | 0.99344             |
|                                |                |        |             |                    |              |                           |                     |
|                                | TOU-GS-2-R     | Summer | Generation  | On-Peak            | 0.21550      | 0.21550                   | 0.26288             |
|                                | TOU-GS-2-R     | Summer | Generation  | Mid-Peak           | 0.08827      | 0.08827                   | 0.11127             |
| TOU-GS-2-R, TOU-GS-2-R-AE      | TOU-GS-2-R     | Summer | Generation  | Off-Peak           | 0.03792      | 0.03792                   | 0.05128             |
|                                | TOU-GS-2-R     | Winter | Generation  | Mid-Peak           | 0.05921      | 0.05921                   | 0.07665             |
|                                | TOU-GS-2-R     | Winter | Generation  | Off-Peak           | 0.02838      | 0.02838                   | 0.03991             |
|                                |                |        |             |                    |              |                           |                     |
|                                | TOU-GS-2-D     | Summer | Generation  | On-Peak            | 0.07076      | 0.07076                   | 0.09041             |
|                                | TOU-GS-2-D     | Summer | Generation  | Mid-Peak           | 0.06131      | 0.06131                   | 0.07915             |
|                                | TOU-GS-2-D     | Summer | Generation  | Off-Peak           | 0.03179      | 0.03179                   | 0.04397             |
| TOU-GS-2-D                     | TOU-GS-2-D     | Summer | Demand      | On-Peak            | 19.7900      | 19.7900                   | 23.5900             |
| 100 00 2 5                     | TOU-GS-2-D     | Winter | Generation  | Mid-Peak           | 0.04899      | 0.04899                   | 0.06447             |
|                                | TOU-GS-2-D     | Winter | Generation  | Off-Peak           | 0.03742      | 0.03742                   | 0.05068             |
|                                | TOU-GS-2-D     | Winter | Generation  | Super Off-Peak     | 0.01569      | 0.01569                   | 0.02479             |
|                                | TOU-GS-2-D     | Winter | Demand      | Weekdays (4-9 pm)  | 4.01000      | 4.01000                   | 4.78000             |
|                                |                |        |             |                    |              |                           |                     |
|                                | TOU-GS-2-PRI-D | Summer | Generation  | On-Peak            | 0.07067      | 0.07067                   | 0.09030             |
|                                | TOU-GS-2-PRI-D | Summer | Generation  | Mid-Peak           | 0.05935      | 0.05935                   | 0.07681             |
|                                | TOU-GS-2-PRI-D | Summer | Generation  | Off-Peak           | 0.02983      | 0.02983                   | 0.04163             |
| TOU-GS-2-PRI-D                 | TOU-GS-2-PRI-D | Summer | Demand      | On-Peak            | 19.3700      | 19.3700                   | 23.0800             |
| 100 03 2 1111 5                | TOU-GS-2-PRI-D | Winter | Generation  | Mid-Peak           | 0.05000      | 0.05000                   | 0.06166             |
|                                | TOU-GS-2-PRI-D | Winter | Generation  | Off-Peak           | 0.03546      | 0.03546                   | 0.04834             |
|                                | TOU-GS-2-PRI-D | Winter | Generation  | Super Off-Peak     | 0.01373      | 0.01373                   | 0.02245             |
|                                | TOU-GS-2-PRI-D | Winter | Demand      | Weekdays (4-9 pm)  | 3.59000      | 3.59000                   | 4.28000             |
|                                |                |        |             |                    |              |                           |                     |

| Utility Tariff / Rate Schedule | CCA Rate Name  | Season | Charge Type | Time of Use Period | Desert Saver | 100% Carbon<br>Free<br>CARE/FERA<br>/MB* | 100% Carbon<br>Free |
|--------------------------------|----------------|--------|-------------|--------------------|--------------|--|---------------------|
|                                | TOU-GS-3-E     | Summer | Generation  | On-Peak            | 0.29623      | 0.29623                                  | 0.35872             |
|                                | TOU-GS-3-E     | Summer | Generation  | Mid-Peak           | 0.05861      | 0.05861                                  | 0.07558             |
|                                | TOU-GS-3-E     | Summer | Generation  | Off-Peak           | 0.03127      | 0.03127                                  | 0.04301             |
| TOU-GS-3-E                     | TOU-GS-3-E     | Summer | Demand      | On-Peak            | 4.16864      | 4.16864                                  | 4.96721             |
| 100-G3-3-E                     | TOU-GS-3-E     | Winter | Generation  | Mid-Peak           | 0.08048      | 0.08048                                  | 0.10165             |
|                                | TOU-GS-3-E     | Winter | Generation  | Off-Peak           | 0.03665      | 0.03665                                  | 0.04941             |
|                                | TOU-GS-3-E     | Winter | Generation  | Super Off-Peak     | 0.01590      | 0.01590                                  | 0.02469             |
|                                | TOU-GS-3-E     | Winter | Demand      | Weekdays (4-9 pm)  | 0.72583      | 0.72583                                  | 0.86488             |
|                                |                |        |             |                    |              |  |                     |
|                                | TOU-GS-3-PRI-E | Summer | Generation  | On-Peak            | 0.29347      | 0.29347                                  | 0.35543             |
|                                | TOU-GS-3-PRI-E | Summer | Generation  | Mid-Peak           | 0.05584      | 0.05584                                  | 0.07229             |
|                                | TOU-GS-3-PRI-E | Summer | Generation  | Off-Peak           | 0.02851      | 0.02851                                  | 0.03971             |
| TOU-GS-3-PRI-E                 | TOU-GS-3-PRI-E | Summer | Demand      | On-Peak            | 4.08036      | 4.08036                                  | 4.86202             |
| 100-03-3-FNI-L                 | TOU-GS-3-PRI-E | Winter | Generation  | Mid-Peak           | 0.07772      | 0.07772                                  | 0.09835             |
|                                | TOU-GS-3-PRI-E | Winter | Generation  | Off-Peak           | 0.03388      | 0.03388                                  | 0.04612             |
|                                | TOU-GS-3-PRI-E | Winter | Generation  | Super Off-Peak     | 0.01314      | 0.01314                                  | 0.02140             |
|                                | TOU-GS-3-PRI-E | Winter | Demand      | Weekdays (4-9 pm)  | 0.63756      | 0.63756                                  | 0.75969             |
|                                |                |        |             |                    |              |  |                     |
|                                | TOU-GS-3-R     | Summer | Generation  | On-Peak            | 0.19203      | 0.19203                                  | 0.23456             |
|                                | TOU-GS-3-R     | Summer | Generation  | Mid-Peak           | 0.07831      | 0.07831                                  | 0.09905             |
| TOU-GS-3-R,TOU-GS-3-A          | TOU-GS-3-R     | Summer | Generation  | Off-Peak           | 0.03643      | 0.03643                                  | 0.04916             |
|                                | TOU-GS-3-R     | Winter | Generation  | Mid-Peak           | 0.05169      | 0.05169                                  | 0.06734             |
|                                | TOU-GS-3-R     | Winter | Generation  | Off-Peak           | 0.02787      | 0.02787                                  | 0.03895             |
|                                |                |        |             |                    |              |  |                     |
|                                | TOU-GS-3-D     | Summer | Generation  | On-Peak            | 0.06748      | 0.06748                                  | 0.08615             |
|                                | TOU-GS-3-D     | Summer | Generation  | Mid-Peak           | 0.05854      | 0.05854                                  | 0.07550             |
|                                | TOU-GS-3-D     | Summer | Generation  | Off-Peak           | 0.03120      | 0.03120                                  | 0.04293             |
| TOU-GS-3-D,TOU-GS-3-D-CPP      | TOU-GS-3-D     | Summer | Demand      | On-Peak            | 19.1800      | 19.1800                                  | 22.8500             |
| 100-03-3-0,100-03-3-0-CFF      | TOU-GS-3-D     | Winter | Generation  | Mid-Peak           | 0.04764      | 0.04764                                  | 0.06252             |
|                                | TOU-GS-3-D     | Winter | Generation  | Off-Peak           | 0.03658      | 0.03658                                  | 0.04933             |
|                                | TOU-GS-3-D     | Winter | Generation  | Super Off-Peak     | 0.01583      | 0.01583                                  | 0.02461             |
|                                | TOU-GS-3-D     | Winter | Demand      | Weekdays (4-9 pm)  | 3.49000      | 3.49000                                  | 4.16000             |

| Utility Tariff / Rate Schedule | CCA Rate Name  | Season   | Charge Type | Time of Use Period | Desert Saver | 100% Carbon<br>Free<br>CARE/FERA<br>/MB* | 100% Carbon<br>Free |
|--------------------------------|----------------|----------|-------------|--------------------|--------------|--|---------------------|
|                                | TOU-GS-3-PRI-D | Summer   | Generation  | On-Peak            | 0.06552      | 0.06552                                  | 0.08382             |
|                                | TOU-GS-3-PRI-D | Summer   | Generation  | Mid-Peak           | 0.05659      | 0.05659                                  | 0.07317             |
|                                | TOU-GS-3-PRI-D | Summer   | Generation  | Off-Peak           | 0.02925      | 0.02925                                  | 0.04060             |
| TOU-GS-3-PRI-D                 | TOU-GS-3-PRI-D | Summer   | Demand      | On-Peak            | 18.7700      | 18.7700                                  | 22.3700             |
| 100-03-3-1 NI-D                | TOU-GS-3-PRI-D | Winter   | Generation  | Mid-Peak           | 0.04569      | 0.04569                                  | 0.06019             |
|                                | TOU-GS-3-PRI-D | Winter   | Generation  | Off-Peak           | 0.03463      | 0.03463                                  | 0.04701             |
|                                | TOU-GS-3-PRI-D | Winter   | Generation  | Super Off-Peak     | 0.01388      | 0.01388                                  | 0.02229             |
|                                | TOU-GS-3-PRI-D | Winter   | Demand      | Weekdays (4-9 pm)  | 3.09000      | 3.09000                                  | 3.68000             |
|                                | TOU-GS-3-SEC-B | Summer   | Generation  | On-Peak            | 0.06659      | 0.06659                                  | 0.08510             |
|                                | TOU-GS-3-SEC-B | Summer   | Generation  | Mid-Peak           | 0.05766      | 0.05766                                  | 0.07445             |
|                                | TOU-GS-3-SEC-B | Summer   | Generation  | Off-Peak           | 0.03700      | 0.03700                                  | 0.04188             |
|                                | TOU-GS-3-SEC-B | Summer   | Demand      | On-Peak            | 19.0300      | 19.0300                                  | 22.6700             |
| TOU-GS-3-SEC-B, TOU-GS3B-AE    | TOU-GS-3-SEC-B | Winter   | Generation  | Mid-Peak           | 0.04676      | 0.04676                                  | 0.06146             |
|                                | TOU-GS-3-SEC-B | Winter   | Generation  | Off-Peak           | 0.03570      | 0.03570                                  | 0.04828             |
|                                | TOU-GS-3-SEC-B | Winter   | Generation  | Super Off-Peak     | 0.01495      | 0.01495                                  | 0.02356             |
|                                | TOU-GS-3-SEC-B | Winter   | Demand      | Weekdays (4-9 pm)  | 3.34000      | 3.34000                                  | 3.99000             |
|                                | 100-03-3-320-8 | Wille    | Demand      | Weekdays (4-3 pm)  | 3.34000      | 3.34000                                  | 3.55000             |
|                                | TOU-GS-3-SUB-B | Summer   | Generation  | On-Peak            | 0.04088      | 0.04088                                  | 0.05445             |
|                                | TOU-GS-3-SUB-B | Summer   | Generation  | Mid-Peak           | 0.03678      | 0.03678                                  | 0.04957             |
|                                | TOU-GS-3-SUB-B | Summer   | Generation  | Off-Peak           | 0.03446      | 0.03446                                  | 0.04681             |
| TOU-GS-3-SUB-B                 | TOU-GS-3-SUB-B | Summer   | Demand      | On-Peak            | 12.3200      | 12.3200                                  | 14.6800             |
|                                | TOU-GS-3-SUB-B | Winter   | Generation  | Mid-Peak           | 0.04972      | 0.04972                                  | 0.06499             |
|                                | TOU-GS-3-SUB-B | Winter   | Generation  | Off-Peak           | 0.02590      | 0.02590                                  | 0.03660             |
|                                | TOU-GS-3-SUB-B | Winter   | Demand      | Weekdays (4-9 pm)  | 3.01000      | 3.01000                                  | 3.59000             |
|                                | TOU DA 3.5     | <u> </u> | Conoration  | On Book            | 0.20700      | 0.20700                                  | 0.27175             |
|                                | TOU-PA-2-E     | Summer   | Generation  | On-Peak            | 0.30709      | 0.30709                                  | 0.37175             |
|                                | TOU-PA-2-E     | Summer   | Generation  | Mid-Peak           | 0.05454      | 0.05454                                  | 0.07082             |
| TOU-PA-2-E                     | TOU-PA-2-E     | Summer   | Generation  | Off-Peak           | 0.02970      | 0.02970                                  | 0.04123             |
|                                | TOU-PA-2-E     | Winter   | Generation  | Mid-Peak           | 0.05349      | 0.05349                                  | 0.06957             |
|                                | TOU-PA-2-E     | Winter   | Generation  | Off-Peak           | 0.03813      | 0.03813                                  | 0.05127             |
|                                | TOU-PA-2-E     | Winter   | Generation  | Super Off-Peak     | 0.02939      | 0.02939                                  | 0.04086             |

| Utility Tariff / Rate Schedule | CCA Rate Name | Season | Charge Type         | Time of Use Period | Desert Saver | 100% Carbon<br>Free<br>CARE/FERA<br>/MB* | 100% Carbon<br>Free |
|--------------------------------|---------------|--------|---------------------|--------------------|--------------|--|---------------------|
|                                | TOU-PA-2-D    | Summer | Generation          | On-Peak            | 0.06301      | 0.06301                                  | 0.08092             |
|                                | TOU-PA-2-D    | Summer | Generation          | Mid-Peak           | 0.05447      | 0.05447                                  | 0.07074             |
|                                | TOU-PA-2-D    | Summer | Generation          | Off-Peak           | 0.02964      | 0.02964                                  | 0.04115             |
| TOU-PA-2-D                     | TOU-PA-2-D    | Summer | Demand              | On-Peak            | 12.0300      | 12.0300                                  | 14.3300             |
| 1001/12/2                      | TOU-PA-2-D    | Winter | Generation          | Mid-Peak           | 0.04318      | 0.04318                                  | 0.05729             |
|                                | TOU-PA-2-D    | Winter | Generation          | Off-Peak           | 0.02993      | 0.02993                                  | 0.04150             |
|                                | TOU-PA-2-D    | Winter | Generation          | Super Off-Peak     | 0.02238      | 0.02238                                  | 0.03250             |
|                                | TOU-PA-2-D    | Winter | Demand              | Weekdays (4-9 pm)  | 2.12000      | 2.12000                                  | 2.52000             |
|                                |               |        |                     |                    |              |  |                     |
|                                | TOU-PA-2-A    | Summer | Generation          | On-Peak            | 0.19196      | 0.19196                                  | 0.23457             |
|                                | TOU-PA-2-A    | Summer | Generation          | Mid-Peak           | 0.06704      | 0.06704                                  | 0.08571             |
| TOU-PA-2-A                     | TOU-PA-2-A    | Summer | Generation          | Off-Peak           | 0.03431      | 0.03431                                  | 0.04672             |
| 100-17-2-7                     | TOU-PA-2-A    | Winter | Generation          | Mid-Peak           | 0.05362      | 0.05362                                  | 0.06972             |
|                                | TOU-PA-2-A    | Winter | Generation          | Off-Peak           | 0.02775      | 0.02775                                  | 0.03890             |
|                                | TOU-PA-2-A    | Winter | Wind Machine Credit | NA                 | -6.20882     | -6.20882                                 | -5.14601            |
|                                |               |        |                     |                    |              |  |                     |
|                                | TOU-PA-2-B    | Summer | Generation          | On-Peak            | 0.04054      | 0.04054                                  | 0.05414             |
|                                | TOU-PA-2-B    | Summer | Generation          | Mid-Peak           | 0.03585      | 0.03585                                  | 0.04855             |
|                                | TOU-PA-2-B    | Summer | Generation          | Off-Peak           | 0.03431      | 0.03431                                  | 0.04672             |
| TOU-PA-2-B, TOU-PA-B           | TOU-PA-2-B    | Summer | Demand              | On-Peak            | 9.08000      | 9.08000                                  | 10.82000            |
|                                | TOU-PA-2-B    | Summer | Demand              | Mid-Peak           | 2.78000      | 2.78000                                  | 3.31000             |
|                                | TOU-PA-2-B    | Winter | Generation          | Mid-Peak           | 0.05362      | 0.05362                                  | 0.06972             |
|                                | TOU-PA-2-B    | Winter | Generation          | Off-Peak           | 0.02775      | 0.02775                                  | 0.03890             |
|                                |               |        |                     |                    |              |  |                     |
|                                | TOU-PA-3-A    | Summer | Generation          | On-Peak            | 0.18977      | 0.18977                                  | 0.23158             |
|                                | TOU-PA-3-A    | Summer | Generation          | Mid-Peak           | 0.06059      | 0.06059                                  | 0.07766             |
| TOU-PA-3-A                     | TOU-PA-3-A    | Summer | Generation          | Off-Peak           | 0.03091      | 0.03091                                  | 0.04229             |
|                                | TOU-PA-3-A    | Winter | Generation          | Mid-Peak           | 0.04722      | 0.04722                                  | 0.06173             |
|                                | TOU-PA-3-A    | Winter | Generation          | Off-Peak           | 0.02538      | 0.02538                                  | 0.03570             |

| Utility Tariff / Rate Schedule           | CCA Rate Name | Season | Charge Type | Time of Use Period | Desert Saver | 100% Carbon<br>Free<br>CARE/FERA<br>/MB* | 100% Carbon<br>Free |
|--|---------------|--------|-------------|--------------------|--------------|--|---------------------|
|  | TOU-PA-3-B    | Summer | Generation  | On-Peak            | 0.03655      | 0.03655                                  | 0.04901             |
|  | TOU-PA-3-B    | Summer | Generation  | Mid-Peak           | 0.03216      | 0.03216                                  | 0.04379             |
|  | TOU-PA-3-B    | Summer | Generation  | Off-Peak           | 0.03091      | 0.03091                                  | 0.04229             |
| TOU-PA-3-B                               | TOU-PA-3-B    | Summer | Demand      | On-Peak            | 12.3980      | 12.3980                                  | 14.7731             |
|  | TOU-PA-3-B    | Winter | Generation  | Mid-Peak           | 0.04722      | 0.04722                                  | 0.06173             |
|  | TOU-PA-3-B    | Winter | Generation  | Off-Peak           | 0.02538      | 0.02538                                  | 0.03570             |
|  | TOU-PA-3-B    | Winter | Demand      | Weekdays (4-9 pm)  | 2.19712      | 2.19712                                  | 2.61801             |
|  |               |        |             |                    |              |  |                     |
|  | TOU-PA-3-E    | Summer | Generation  | On-Peak            | 0.28316      | 0.28316                                  | 0.34286             |
|  | TOU-PA-3-E    | Summer | Generation  | Mid-Peak           | 0.04871      | 0.04871                                  | 0.06351             |
| TOU-PA-3-E                               | TOU-PA-3-E    | Summer | Generation  | Off-Peak           | 0.02677      | 0.02677                                  | 0.03736             |
| 10017/32                                 | TOU-PA-3-E    | Winter | Generation  | Mid-Peak           | 0.06060      | 0.06060                                  | 0.07767             |
|  | TOU-PA-3-E    | Winter | Generation  | Off-Peak           | 0.04425      | 0.04425                                  | 0.05819             |
|  | TOU-PA-3-E    | Winter | Generation  | Super Off-Peak     | 0.00352      | 0.00352                                  | 0.00966             |
|  |               |        |             |                    |              |  |                     |
|  | TOU-PA-3-D    | Summer | Generation  | On-Peak            | 0.05630      | 0.05630                                  | 0.07255             |
|  | TOU-PA-3-D    | Summer | Generation  | Mid-Peak           | 0.04864      | 0.04864                                  | 0.06342             |
|  | TOU-PA-3-D    | Summer | Generation  | Off-Peak           | 0.02670      | 0.02670                                  | 0.03728             |
| TOU-PA-3-D                               | TOU-PA-3-D    | Summer | Demand      | On-Peak            | 12.4000      | 12.4000                                  | 14.7700             |
| 100 17.0 5                               | TOU-PA-3-D    | Winter | Generation  | Mid-Peak           | 0.04129      | 0.04129                                  | 0.05466             |
|  | TOU-PA-3-D    | Winter | Generation  | Off-Peak           | 0.03147      | 0.03147                                  | 0.04296             |
|  | TOU-PA-3-D    | Winter | Generation  | Super Off-Peak     | 0.01308      | 0.01308                                  | 0.02105             |
|  | TOU-PA-3-D    | Winter | Demand      | Weekdays (4-9 pm)  | 2.20000      | 2.20000                                  | 2.62000             |
|  |               |        |             |                    |              |  |                     |
| LS-1, LS-1-ALLNITE, LS-2, LS-2-4, LS-3-4 |               | All    | Generation  | Total              | 0.03121      | 0.03121                                  | 0.04191             |
| OL-1, OL-1-ALLNITE                       | LS-1          | All    | Generation  | ı Oldı             | 0.03121      | 0.03121                                  | 0.04191             |
| LS-3                                     | LS-3          | All    | Generation  | Total              | 0.03171      | 0.03171                                  | 0.04250             |
| TC-1                                     | TC-1          | All    | Generation  | Total              | 0.05085      | 0.05085                                  | 0.06618             |
| AL-2, AL-2-F                             | AL-2          | All    | Generation  | Total              | 0.03171      | 0.03171                                  | 0.04250             |
|  |               |        |             |                    |              |  |                     |

<sup>\*</sup>These rates are applicable to all CARE, FERA, and Medical Baseline programs. **CARE** - California Alternate Rates for Energy program **FERA** - Family Electric Rate Assistance program; **MB** - Medical Baseline program

## Desert Community Energy Board February 11, 2020



#### STAFF REPORT

Subject: Establish Palm Springs DCE Working Group

Contact: Benjamin Druyon, Management Analyst, Energy & Environmental Resources

(bdruyon@cvag.org)

<u>Recommendation</u>: Establish a Palm Springs DCE Working Group to focus on Palm Springs specific activities related to DCE launch and establish a process for selecting members.

<u>Background</u>: Desert Community Energy (DCE) was formed by three cities, Palm Springs, Cathedral City and Palm Desert, to buy and sell power on behalf of its customers instead of having Southern California Edison do it. Palm Springs City Council chose to begin this program in April 2020. The city councils of Palm Desert and Cathedral City are considering their options. A Community Advisory Committee (CAC) was also formed by the DCE Board in June 2019. The CAC consists of 5 representatives from each of the three cities who submitted an application for consideration and were appointed by the Board. The CAC's task is to address topics at the direction of the Board, provide support for DCE, serve as liaison to the community and act as ambassadors on behalf of DCE to promote our goals, objectives and programs.

At the January 13 DCE Board meeting, the chairman asked staff to bring a recommendation back regarding the formation of a "working group" to focus on outreach related to the April 2020 launch of DCE in Palm Springs. Chair Kors discussed the need for additional efforts specific to Palm Springs launch. Following the meeting, DCE staff discussed some options of a new committee with Palm Springs staff including using Palm Springs existing committees. Both Palm Springs and DCE staff concluded that creating a new working group would be best. Should the board choose to create a working group of only Palm Springs residents, it would adhere to all Brown Act requirements

During the discussion of options for enrolling CARE/FERA customers, the board members agreed that recommendations affecting only Palm Springs should be provided by ratepayers from Palm Springs. The Palm Springs DCE Working Group would be asked to educate the residents and businesses about DCE, about the City Council decision to opt the entire city into DCE's 100% Carbon Free plan, and to provide outreach to low-income CARE & FERA customers. They emphasized the need for CAC members to seek input from the Palm Springs community. The Board also directed staff to gain input from the Community Advisory Committee at their next meeting.

The CAC discussed various topics about the DCE launch in Palm Springs at their January 16 meeting. Committee members agreed there was need for specific focus on Palm Springs for the next few meetings due to a launch date of April 2020. CAC Vice Chair Kaplan recommended forming a Palm Springs only committee or working group, to include existing Palm Springs committee members and to allow other Palm Springs residents to participate when possible.

Also at the January 16 meeting, the issue of whether to enroll CARE/FERA customers at 100% Carbon Free and provide a subsidy was presented. Some members expressed that it should be a Palm Springs decision, since it would affect Palm Springs customers. There was support for

the need to educate the public, especially those low-income folks who would be most affected. Some of the CAC members advised getting feedback from the low-income community.

Staff recommends that the DCE Board establish a Palm Springs DCE Working Group to focus on Palm Springs specific activities related to DCE launch, which will include Palm Springs Community Advisory Committee (CAC) members and have 2-3 additional members to be appointed by the City of Palm Springs. Other citizens from Palm Springs would be encouraged to participate in the working group meetings.

Staff recommends that the working group initially be composed of the current members of the Palm Springs Community Advisory Committee listed below. Additional members could be added. DCE staff spoke with Palm Springs staff about an application process, similar to the formation of the CAC, which was a long and slow process. To speed this up, the additional members could be appointed at the recommendation of the DCE representative from the City of Palm Springs or by the recommendation of the Palm Springs City Council.

The working group will have their first meeting in February, once established.

#### **Current Palm Springs CAC Members:**

David Freedman (Chair)
Carl Baker
John Goins
Lani Miller
Noel Loughrin

# DESERT COMMUNITY ENERGY BOARD FY2019-2020 ATTENDANCE RECORD

| Voting Members             | JUL | AUG | SEP | ОСТ | NOV | DEC          | JAN | FEB | MAR | APR | MAY | JUNE |
|----------------------------|-----|-----|-----|-----|-----|--------------|-----|-----|-----|-----|-----|------|
| City of Cathedral City     | ✓   | *   | ✓   |     | *   | ✓            | ✓   |     |     |     |     |      |
| City of Palm Desert        |     | *   | ✓   | ✓   | *   | $\checkmark$ | ✓   |     |     |     |     |      |
| City of Palm Springs       | ✓   | *   | ✓   | ✓   | *   | ✓            | ✓   |     |     |     |     |      |
| Non-Voting Member          |     |     |     |     |     |              |     |     |     |     |     |      |
| City of Desert Hot Springs |     | *   |     |     | *   |              |     |     |     |     |     |      |

Ex Officio / Absent
No Meeting \*

### ITEM 7B

# DESERT COMMUNITY ENERGY UNAUDITED BALANCE SHEET FROM JULY 1, 2019 TO JANAURY 31, 2020

| <u>ASSETS</u>          |              |              |
|------------------------|--------------|--------------|
| River City Bank        |              |              |
| - Operating Account    | 7,919.32     |              |
| - Money Market Account | 3,056,026.92 |              |
| - ICS Account          | 1,300,638.95 |              |
| - Lockbox Account      | 2.00         |              |
| Total Cash             |              | 4,364,587.19 |
| Deposits/Bonds         |              |              |
| - CPUC                 | 100,000.00   |              |
| - CA ISO               | 500,000.00   |              |
| Total Deposits/Bonds   |              | 600,000.00   |
| TOTAL ASSETS           | =            | 4,964,587.19 |
| LIABILITIES            |              |              |
| Accounts Payable       | _            | 0.00         |
| TOTAL LIABILITIES      | =            | 0.00         |
| FUND BALANCE           |              |              |
| Fund Balance           | =            | 4,964,587.19 |

4,964,587.19

TOTAL LIABILITIES AND FUND BALANCE

#### ITEM 7B

# DESERT COMMUNITY ENERGY UNAUDITED STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCES FROM JULY 1, 2019 TO JANAURY 31, 2020

| REVENUES                                |              |
|---|--------------|
| Electricity Sales                       | 0.00         |
| Other Revenue                           | 0.00         |
| Investment Income                       | 53,218.52    |
| TOTAL REVENUES                          | 53,218.52    |
|   |              |
| EXPENDITURES                            |              |
| Cost of Electricity                     |              |
| Electricity Purchase 0.00               |              |
| Low Carbon Settlement 0.00              |              |
| Renewable Energy Credit Settlement 0.00 |              |
| Market Charges 0.00                     |              |
| Total Cost of Electricity               | 0.00         |
| Accounting / Bank Services              | 774.78       |
| Legal Services                          | 0.00         |
| Professional Services                   | 0.00         |
| - LSL, CPAs 7,870.00                    |              |
| - Southern California Edison 10,322.90  |              |
| Total Professional Services             | 18,192.90    |
| Consultants                             | ,            |
| - Burje Rix Communications 15,044.05    |              |
| - Donald D. Dame 4,616.50               |              |
| - White Rabbit Group 800.00             |              |
| Total Consultants                       | 20,460.55    |
| Postage                                 | 0.00         |
| Printing                                |              |
| - Ace Printing 8,200.00                 |              |
| Total Printing                          | 8,200.00     |
| Interest Expense                        | 0.00         |
| TOTAL EXPENDITURES                      | 47,628.23    |
| ·                                       |              |
| Excess of Revenues over Expenditures    | 5,590.29     |
| Fund Balance - Beginning of the Year    | 4,958,996.90 |
| Fund Balance - End of the Year          | 4,964,587.19 |



# DESERT COMMUNITY ENERGY

# Board Meeting February 11, 2020

#### **Staff Report**

Subject: Net Energy Metering program update

Contact: Shawn Isaac, Program Manager (<u>sisaac@cvag.org</u>)

**Recommendation:** Information Only.

<u>Background</u>: In June 2018, the Desert Community Energy (DCE) Board approved a Net Energy Metering (NEM) program at parity with SCE, but the DCE launch was put on hold so NEM was also put on hold at that time. In December 2019, the Board asked staff to revisit NEM at the January 2020 meeting. At the January 13, 2020 DCE meeting, the Board approved launching a Net Energy Metering program in May 2020 for all eligible customers in the City of Palm Springs. Launching in May 2020 will also establish customers' annual true-up month as May. As part of the outreach to the approximately 3,781 NEM customers in Palm Springs, staff has updated NEM information on the website and will be sending out correspondence to customers, including a notice and courtesy letter. Staff has also been working alongside Southern California Edison (SCE) to ensure a smooth transition for NEM customers.

The NEM program will help DCE to achieve its goals to incentivize rooftop solar, battery storage, and benefit existing solar customers. Currently, customers who install solar on their homes or businesses participate in SCE's NEM program. NEM customers can receive credit for excess solar generation at a retail rate. Each month, the amount of energy consumed and contributed to the grid is tallied. Customers who use less than they generate receive a credit that can be applied against amounts that would otherwise be owed in a subsequent month. On an annual true-up date, the amount of energy production (in kilowatt hours = kWh) that exceeds consumption over the preceding 12-month period is eligible for a rebate. This rate is updated monthly based on a rolling 18-month lookback of the wholesale value of electricity and has varied between 3.5 and 5 cents/kWh over the past 12 months.

Fiscal Analysis: No fiscal impact.