TO: Valley Clean Energy Alliance Board of Directors

FROM: Mitch Sears, Interim General Manager
       Gary Lawson, Sacramento Municipal Utility District (SMUD)

SUBJECT: Final Tariff Sheets with 2.5% Rate Discount

DATE: May 10, 2018

RECOMMENDATION

Staff recommends the Board adopt a resolution that approves the final tariff sheets, which reflect a discount of 2.5% from PG&E’s generation rates.

BACKGROUND

On March 22, 2018 the Board adopted a resolution that approved a 2.5% rate discount from PG&E’s generation rates placed into effect March 1, 2018, net of PCIA and Franchise Fees. The adopted discount was a change from the recommended 2% discount. The tariff sheets presented at the March Board meeting reflected the 2% discount. The tariff sheets included in Attachment A have been updated to the approved 2.5% discount.

REQUESTED ACTION

Adopt a resolution that approves the Tariff Sheets as shown in Attachment A.
VCE LightGreen Residential Rates
(effective 6/1/2018)

**E1, EM, ES, ESR, ET, Basic Residential**
All Electric Usage $ 0.07110 /kWh

**E-TOU-A, Residential Time-of-Use**

<table>
<thead>
<tr>
<th>Season</th>
<th>Peak</th>
<th>Off-Peak</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>$ 0.15173</td>
<td>$ 0.07805</td>
</tr>
<tr>
<td>Winter</td>
<td>$ 0.06657</td>
<td>$ 0.05264</td>
</tr>
</tbody>
</table>

**E-TOU-B, Residential Time-of-Use**

<table>
<thead>
<tr>
<th>Season</th>
<th>Peak</th>
<th>Off-Peak</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>$ 0.17306</td>
<td>$ 0.07258</td>
</tr>
<tr>
<td>Winter</td>
<td>$ 0.06889</td>
<td>$ 0.05056</td>
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</tbody>
</table>

**E-TOU-C3, Residential Time-of-Use**

<table>
<thead>
<tr>
<th>Season</th>
<th>Peak</th>
<th>Off-Peak</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>$ 0.12828</td>
<td>$ 0.06642</td>
</tr>
<tr>
<td>Winter</td>
<td>$ 0.07323</td>
<td>$ 0.05633</td>
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</tbody>
</table>

**E-TOUPP, Rate 1, Residential Time-of-Use Pilot Project**

<table>
<thead>
<tr>
<th>Season</th>
<th>Peak</th>
<th>Off-Peak</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>$ 0.16129</td>
<td>$ 0.06081</td>
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<td>Winter</td>
<td>$ 0.05713</td>
<td>$ 0.03880</td>
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**E-TOUPP, Rate 2, Residential Time-of-Use Pilot Project**

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<thead>
<tr>
<th>Season</th>
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<th>Off-Peak</th>
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</thead>
<tbody>
<tr>
<td>Summer</td>
<td>$ 0.17748</td>
<td>$ 0.04749</td>
</tr>
<tr>
<td>Winter</td>
<td>$ 0.05624</td>
<td>$ 0.03671</td>
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</table>
### E-TOUPP, Rate 3, Residential Time-of-Use Pilot Project

<table>
<thead>
<tr>
<th>Season</th>
<th>Peak Rate</th>
<th>Off-Peak Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>$0.16158 /kWh</td>
<td>$0.06109 /kWh</td>
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<td>Winter</td>
<td>$0.06155 /kWh</td>
<td>$0.04307 /kWh</td>
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<td>Spring</td>
<td>$0.04938 /kWh</td>
<td>$0.03736 /kWh</td>
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<td></td>
<td>$0.01158 /kWh</td>
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</table>

### E-6, EM-TOU, Residential Time-of-Use

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<tr>
<th>Season</th>
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<th>Part-Peak Rate</th>
<th>Off-Peak Rate</th>
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</thead>
<tbody>
<tr>
<td>Summer</td>
<td>$0.19779 /kWh</td>
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<td>Winter</td>
<td>$0.06778 /kWh</td>
<td>$0.05543 /kWh</td>
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</table>

### EV, Residential Rates for Electric Vehicle Owners

<table>
<thead>
<tr>
<th>Season</th>
<th>Peak Rate</th>
<th>Part-Peak Rate</th>
<th>Off-Peak Rate</th>
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</thead>
<tbody>
<tr>
<td>Summer</td>
<td>$0.20656 /kWh</td>
<td>$0.08193 /kWh</td>
<td>$0.02426 /kWh</td>
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<td>Winter</td>
<td>$0.05589 /kWh</td>
<td>$0.02216 /kWh</td>
<td>$0.02642 /kWh</td>
</tr>
</tbody>
</table>
VCE LightGreen Commercial Rates  
(effective 6/1/2018)

**A1, Small General Services**
- Summer: $0.09728 /kWh
- Winter: $0.05904 /kWh

**A1X, Small General Services with Time-of-Use**
- **Summer**
  - Peak: $0.11106 /kWh
  - Part-Peak: $0.08801 /kWh
  - Off-Peak: $0.06134 /kWh
- **Winter**
  - Part-Peak: $0.08782 /kWh
  - Off-Peak: $0.06742 /kWh

**A-6, Small General Services with Time-of-Use**
- **Summer**
  - Peak: $0.34272 /kWh
  - Part-Peak: $0.10913 /kWh
  - Off-Peak: $0.05230 /kWh
- **Winter**
  - Part-Peak: $0.07712 /kWh
  - Off-Peak: $0.06007 /kWh

**A-10-P, Medium General Services**
- Summer: $0.07787 /kWh
- Winter: $0.05507 /kWh

**Demand Charges**
- Max Demand Summer: $4.58 /kW

**A-10-S, Medium General Services**
- Summer: $0.08756 /kWh
- Winter: $0.06125 /kWh

**Demand Charges**
- Max Demand Summer: $5.27 /kW

**A-10-T, Medium General Services**
- Summer: $0.06829 /kWh
- Winter: $0.04850 /kWh

**Demand Charges**
- Max Demand Summer: $3.60 /kW
A-10-X-P, Medium General Services with Time-of-Use

Summer

Peak $ 0.12850 /kWh
Part-Peak $ 0.07920 /kWh
Off-Peak $ 0.05324 /kWh

Winter

Part-Peak $ 0.06584 /kWh
Off-Peak $ 0.05036 /kWh

Demand Charges

Max Demand Summer $ 4.58 /kW

A-10-X-S, Medium General Services with Time-of-Use

Summer

Peak $ 0.14009 /kWh
Part-Peak $ 0.08634 /kWh
Off-Peak $ 0.05897 /kWh

Winter

Part-Peak $ 0.07080 /kWh
Off-Peak $ 0.05415 /kWh

Demand Charges

Max Demand Summer $ 5.27 /kW

A-10-X-T, Medium General Services with Time-of-Use

Summer

Peak $ 0.11462 /kWh
Part-Peak $ 0.06892 /kWh
Off-Peak $ 0.04425 /kWh

Winter

Part-Peak $ 0.05743 /kWh
Off-Peak $ 0.04321 /kWh

Demand Charges

Max Demand Summer $ 3.60 /kW

E-19-P, Medium General Services with Time-of-Use

Summer

Peak $ 0.10267 /kWh
Part-Peak $ 0.06167 /kWh
Off-Peak $ 0.03532 /kWh

Winter

Part-Peak $ 0.05614 /kWh
Off-Peak $ 0.04183 /kWh

Demand Charges

Max Peak Demand Summer $ 12.06 /kW
Max Part-Peak Demand Summer $ 2.93 /kW
### E-19-S, Medium General Services with Time-of-Use

**Summer**
- Peak: $0.11257 /kWh
- Part-Peak: $0.06926 /kWh
- Off-Peak: $0.04057 /kWh

**Winter**
- Part-Peak: $0.06332 /kWh
- Off-Peak: $0.04769 /kWh

**Demand Charges**
- Max Peak Demand Summer: $13.51 /kWh
- Max Part-Peak Demand Summer: $3.33 /kWh

### E-19-T, Medium General Services with Time-of-Use

**Summer**
- Peak: $0.06704 /kWh
- Part-Peak: $0.05312 /kWh
- Off-Peak: $0.03471 /kWh

**Winter**
- Part-Peak: $0.05531 /kWh
- Off-Peak: $0.04116 /kWh

**Demand Charges**
- Max Peak Demand Summer: $13.71 /kWh
- Max Part-Peak Demand Summer: $3.44 /kWh

### E-19-P (Option R), Medium General Services with Time-of-Use

**Summer**
- Peak: $0.24936 /kWh
- Part-Peak: $0.09528 /kWh
- Off-Peak: $0.03532 /kWh

**Winter**
- Part-Peak: $0.05614 /kWh
- Off-Peak: $0.04183 /kWh

### E-19-S (Option R), Medium General Services with Time-of-Use

**Summer**
- Peak: $0.26206 /kWh
- Part-Peak: $0.10404 /kWh
- Off-Peak: $0.04057 /kWh

**Winter**
- Part-Peak: $0.06332 /kWh
- Off-Peak: $0.04769 /kWh
<table>
<thead>
<tr>
<th>Service Description</th>
<th>Summer</th>
<th>Winter</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>E-19-T (Option R), Medium General Services with Time-of-Use</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Peak</td>
<td>$0.24829 /kWh</td>
<td>$0.05531 /kWh</td>
</tr>
<tr>
<td>Part-Peak</td>
<td>$0.09588 /kWh</td>
<td>$0.04116 /kWh</td>
</tr>
<tr>
<td>Off-Peak</td>
<td>$0.03471 /kWh</td>
<td></td>
</tr>
<tr>
<td><strong>Winter</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Part-Peak</td>
<td>$0.05531 /kWh</td>
<td></td>
</tr>
<tr>
<td>Off-Peak</td>
<td>$0.04116 /kWh</td>
<td></td>
</tr>
<tr>
<td><strong>E-20-P, Large General Services with Time-of-Use</strong></td>
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<td></td>
</tr>
<tr>
<td>Peak</td>
<td>$0.10802 /kWh</td>
<td>$0.05892 /kWh</td>
</tr>
<tr>
<td>Part-Peak</td>
<td>$0.06463 /kWh</td>
<td>$0.04450 /kWh</td>
</tr>
<tr>
<td>Off-Peak</td>
<td>$0.03795 /kWh</td>
<td></td>
</tr>
<tr>
<td><strong>Winter</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Part-Peak</td>
<td>$0.05892 /kWh</td>
<td></td>
</tr>
<tr>
<td>Off-Peak</td>
<td>$0.04450 /kWh</td>
<td></td>
</tr>
<tr>
<td><strong>Demand Charges</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max Peak Demand Summer</td>
<td>$14.35 /kW</td>
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<tr>
<td>Max Part-Peak Demand Summer</td>
<td>$3.39 /kW</td>
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<tr>
<td><strong>E-20-S, Large General Services with Time-of-Use</strong></td>
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</tr>
<tr>
<td>Peak</td>
<td>$0.10381 /kWh</td>
<td>$0.05874 /kWh</td>
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<tr>
<td>Part-Peak</td>
<td>$0.06445 /kWh</td>
<td>$0.04410 /kWh</td>
</tr>
<tr>
<td>Off-Peak</td>
<td>$0.03744 /kWh</td>
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</tr>
<tr>
<td><strong>Winter</strong></td>
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<tr>
<td>Part-Peak</td>
<td>$0.05874 /kWh</td>
<td></td>
</tr>
<tr>
<td>Off-Peak</td>
<td>$0.04410 /kWh</td>
<td></td>
</tr>
<tr>
<td><strong>Demand Charges</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max Peak Demand Summer</td>
<td>$13.07 /kW</td>
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<tr>
<td>Max Part-Peak Demand Summer</td>
<td>$3.23 /kW</td>
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<tr>
<td><strong>E-20-T, Large General Services with Time-of-Use</strong></td>
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<td></td>
</tr>
<tr>
<td>Peak</td>
<td>$0.06550 /kWh</td>
<td>$0.05449 /kWh</td>
</tr>
<tr>
<td>Part-Peak</td>
<td>$0.05243 /kWh</td>
<td>$0.04119 /kWh</td>
</tr>
<tr>
<td>Off-Peak</td>
<td>$0.03512 /kWh</td>
<td></td>
</tr>
<tr>
<td><strong>Winter</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Part-Peak</td>
<td>$0.05449 /kWh</td>
<td></td>
</tr>
<tr>
<td>Off-Peak</td>
<td>$0.04119 /kWh</td>
<td></td>
</tr>
<tr>
<td><strong>Demand Charges</strong></td>
<td></td>
<td></td>
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<tr>
<td>Max Peak Demand Summer</td>
<td>$16.98 /kW</td>
<td></td>
</tr>
<tr>
<td>Max Part-Peak Demand Summer</td>
<td>$4.05 /kW</td>
<td></td>
</tr>
</tbody>
</table>
E-20-P (Option R), Large General Services with Time-of-Use
Summer
Peak $0.25579 /kWh
Part-Peak $0.09713 /kWh
Off-Peak $0.03795 /kWh
Winter
Part-Peak $0.05892 /kWh
Off-Peak $0.04450 /kWh

E-20-S (Option R), Large General Services with Time-of-Use
Summer
Peak $0.23768 /kWh
Part-Peak $0.09682 /kWh
Off-Peak $0.03744 /kWh
Winter
Part-Peak $0.05874 /kWh
Off-Peak $0.04410 /kWh

E-20-T (Option R), Large General Services with Time-of-Use
Summer
Peak $0.24892 /kWh
Part-Peak $0.09127 /kWh
Off-Peak $0.03512 /kWh
Winter
Part-Peak $0.05449 /kWh
Off-Peak $0.04119 /kWh

E-37, Oil & Gas
Summer
Peak $0.12990 /kWh
Off-Peak $0.02697 /kWh
Winter
Part-Peak $0.04842 /kWh
Off-Peak $0.01810 /kWh

Demand Charges
Max Demand Summer $4.75 /kW
Max Peak Demand Summer $5.95 /kW

Voltage Discounts
Primary Voltage Discount - Max Demand Summer $1.53 /kW
Transmission Voltage Discount - Max Demand Summer $2.66 /kW

LS-1, LS-2, LS-3, OL-1, Street & Hwy. Lighting
All Electric Usage $0.07884 /kWh

TC-1, Traffic Control Service
All Electric Usage $0.08616 /kWh
S-TOU-P, Standby Service
Summer
  Peak $ 0.09427 /kWh
  Part-Peak $ 0.07734 /kWh
  Off-Peak $ 0.05518 /kWh
Winter
  Part-Peak $ 0.08004 /kWh
  Off-Peak $ 0.06287 /kWh
Reservation Charges
  Reservation Charge $ 0.41 /kW

S-TOU-S, Standby Service
Summer
  Peak $ 0.09427 /kWh
  Part-Peak $ 0.07734 /kWh
  Off-Peak $ 0.05518 /kWh
Winter
  Part-Peak $ 0.08004 /kWh
  Off-Peak $ 0.06287 /kWh
Reservation Charges
  Reservation Charge $ 0.41 /kW

S-TOU-T, Standby Service
Summer
  Peak $ 0.07716 /kWh
  Part-Peak $ 0.06309 /kWh
  Off-Peak $ 0.04449 /kWh
Winter
  Part-Peak $ 0.06531 /kWh
  Off-Peak $ 0.05102 /kWh
Reservation Charges
  Reservation Charge $ 0.34 /kW
VCE LightGreen Agricultural Rates
(effective 6/1/2018)

**AG1-A, Agriculture**
- **Summer** $0.08086 /kWh
- **Winter** $0.05987 /kWh

**Demand & Connected Load Charges**
- **Connected Load Summer** $1.45 /kW

**AG1-B, Agriculture**
- **Summer** $0.08402 /kWh
- **Winter** $0.05995 /kWh

**Demand & Connected Load Charges**
- **Max Demand Summer** $2.18 /kW

**Voltage Discounts**
- **Primary Voltage Discount - Max Demand Summer** $0.83 /kW

**AG4-A, Time-of-Use Agriculture**
- **Summer**
  - **Peak** $0.14448 /kWh
  - **Off-Peak** $0.04807 /kWh
- **Winter**
  - **Part-Peak** $0.05245 /kWh
  - **Off-Peak** $0.04096 /kWh

**Demand & Connected Load Charges**
- **Connected Load Summer** $1.44 /kW

**AG4-B, Time-of-Use Agriculture**
- **Summer**
  - **Peak** $0.10476 /kWh
  - **Off-Peak** $0.05025 /kWh
- **Winter**
  - **Part-Peak** $0.04837 /kWh
  - **Off-Peak** $0.03741 /kWh

**Demand & Connected Load Charges**
- **Max Demand Summer** $2.55 /kW
- **Max Peak Demand Summer** $2.71 /kW

**Voltage Discounts**
- **Primary Voltage Discount - Max Demand Summer** $0.65 /kW
<table>
<thead>
<tr>
<th>Plan</th>
<th>Time of Use</th>
<th>Peak</th>
<th>Part-Peak</th>
<th>Off-Peak</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AG4-C, Time-of-Use Agriculture</strong></td>
<td>Summer</td>
<td>0.12477</td>
<td>0.05971</td>
<td>0.03608</td>
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<td></td>
<td>Winter</td>
<td>0.04279</td>
<td>0.03264</td>
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<tr>
<td><strong>Demand &amp; Connected Load Charges</strong></td>
<td></td>
<td>6.29</td>
<td>1.07</td>
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<tr>
<td><strong>Voltage Discounts</strong></td>
<td></td>
<td>1.12</td>
<td>2.06</td>
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<tr>
<td><strong>AG5-A,D, Time-of-Use Large Agriculture</strong></td>
<td></td>
<td>0.13360</td>
<td>0.05334</td>
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<td></td>
<td>Winter</td>
<td>0.05705</td>
<td>0.04495</td>
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</tr>
<tr>
<td><strong>Demand &amp; Connected Load Charges</strong></td>
<td></td>
<td>3.95</td>
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<tr>
<td><strong>AG5-B, E, Time-of-Use Large Agriculture</strong></td>
<td></td>
<td>0.12990</td>
<td>0.02697</td>
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<tr>
<td></td>
<td>Winter</td>
<td>0.04842</td>
<td>0.01810</td>
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<tr>
<td><strong>Demand &amp; Connected Load Charges</strong></td>
<td></td>
<td>4.75</td>
<td>5.95</td>
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<tr>
<td><strong>Voltage Discounts</strong></td>
<td></td>
<td>1.53</td>
<td>2.66</td>
<td></td>
</tr>
</tbody>
</table>
**AG5-C, F, Time-of-Use Large Agriculture**

**Summer**
- Peak: $0.10337 /kWh
- Part-Peak: $0.04906 /kWh
- Off-Peak: $0.02884 /kWh

**Winter**
- Part-Peak: $0.03489 /kWh
- Off-Peak: $0.02571 /kWh

**Demand & Connected Load Charges**
- Max Peak Demand Summer: $11.03 /kW
- Max Part-Peak Demand Summer: $2.08 /kW

**Voltage Discounts**
- Primary Voltage Discount - Max Peak Demand Summer: $2.33 /kW
- Transmission Voltage Discount - Max Peak Demand Summer: $4.36 /kW

**AG-ICE, Agricultural Internal Combustion Engine Conversion Incentive**

**Summer**
- Peak: $0.11484 /kWh
- Part-Peak: $0.07534 /kWh
- Off-Peak: $0.00711 /kWh

**Winter**
- Part-Peak: $0.07893 /kWh
- Off-Peak: $0.00711 /kWh

**Demand & Connected Load Charges**
- Max Demand Summer: $3.31 /kW
- Max Peak Demand Summer: $3.53 /kW

**Voltage Discounts**
- Primary Voltage Discount - Max Demand Summer: $0.79 /kW
- Transmission Voltage Discount - Max Demand Summer: $1.44 /kW

**AG-R-A, D, Split-Week Time-of-Use Agricultural Power**

**Summer**
- Peak: $0.26021 /kWh
- Off-Peak: $0.04672 /kWh

**Winter**
- Part-Peak: $0.05432 /kWh
- Off-Peak: $0.04250 /kWh

**Demand & Connected Load Charges**
- Connected Load Summer: $1.40 /kW
AG-R-B, E, Split-Week Time-of-Use Agricultural Power

Summer
- Peak $ 0.23255 /kWh
- Off-Peak $ 0.04618 /kWh

Winter
- Part-Peak $ 0.04029 /kWh
- Off-Peak $ 0.03058 /kWh

Demand & Connected Load Charges
- Max Demand Summer $ 2.08 /kW
- Max Peak Demand Summer $ 2.33 /kW

Voltage Discounts
- Primary Voltage Discount - Max Demand Summer $ 0.54 /kW

AG-V-A, D, Short-Peak Time-of-Use Agricultural Power

Summer
- Peak $ 0.22454 /kWh
- Off-Peak $ 0.04381 /kWh

Winter
- Part-Peak $ 0.05269 /kWh
- Off-Peak $ 0.04111 /kWh

Demand & Connected Load Charges
- Connected Load Summer $ 1.46 /kW

AG-V-B, E, Short-Peak Time-of-Use Agricultural Power

Summer
- Peak $ 0.20542 /kWh
- Off-Peak $ 0.04424 /kWh

Winter
- Part-Peak $ 0.04054 /kWh
- Off-Peak $ 0.03078 /kWh

Demand & Connected Load Charges
- Max Demand Summer $ 1.90 /kW
- Max Peak Demand Summer $ 2.45 /kW

Voltage Discounts
- Primary Voltage Discount - Max Demand Summer $ 0.57 /kW
WHEREAS, the Valley Clean Energy Alliance ("VCEA") is a joint powers agency established under the Joint Exercise of Powers Act of the State of California (Government Code Section 6500 et seq.) ("Act"), and pursuant to a Joint Exercise of Powers Agreement Relating to and Creating the Valley Clean Energy Alliance between the County of Yolo ("County"), the City of Davis ("Davis"), and the City of Woodland ("City") (the "JPA Agreement"), to collectively study, promote, develop, conduct, operate, and manage energy programs; and

WHEREAS, VCEA rates will be set at a 2.5% discount from the 2018 generation PG&E rates; and

WHEREAS, in the event PG&E’s generation rates change mid-year, the Interim General Manager will have the authority to approve any new rates at an amount 2.5% below PG&E’s generation rate for that new tariff, net of PCIA and Franchise Fees.

NOW, THEREFORE, the Board of Directors of the Valley Clean Energy Alliance hereby adopts the Final Customer Rate Discount and Rate Table (Exhibit A).

ADOPTED, this ____________ day of ____________, 2018, by the following vote:

AYES: ______________________________________
NOES: _____________________________________
ABSENT: ___________________________________
ABSTAIN: _____________________________

_____________________________________
VCEA Board Chair

_____________________________________
VCEA Board Secretary

Approved as to form:

_____________________________________
Interim VCEA Counsel