

K. Wilkenson BAS 3/19/19 #31

Supervisors,

March 19, 2019

Is the RES-BCT program really going to save MONEY?

By using the PG&E RES-BCT program to generate electric power at the Sheriff Facility and disbursing to other offsite County facilities may not be the most economic value.

After reading RES-BCT documents, County will be paying \$0.12247 kwh for RES-BCT generation plus PG&E fees. At the end of paying generation system cost, County will still be paying PG&E fees for the life of RES-BCT program.

In the RES-BCT program PG&E states that power that is generated at the Generating Account and credited to the Benefiting Account will only offset the generation portion of bill at the Benefiting Account. The other charges on the Benefiting Account will remain and need to be paid in addition to Generating Account cost of \$0.12247 kwh.

EXAMPLE. 3057 Briw Road, Welfare Dept. electric bill August 2018 to September 2018 and sent to PG&E RES-BCT person Alina Zohrabian to clarify how billing and credits work. The total bill was \$11,200.83 for one month; \$6,295 is generation portion which RES-BCT would offset. \$4,905 is amount of fees that RES-BCT does not cover yet still due. SEE ATTACHMENT "A" PG&E CORROSPONDANCE & BILLS

SUGGESTION

NET ENERGY METERING

Prepare a Request For Offers for NET ENERGY METERING for onsite solar canopies at County facilities.

Onsite solar canopies using NET ENERGY METERING at County facilities will eliminate the additional PG&E charges of RES-BCT program. At the end of paying onsite system cost, County electricity cost will be zero.

EXAMPLE. 3057 Briw Road, Welfare Dept. electric bill August 2018 to September 2018. The total bill was \$11,200.83 for one month. Net Energy Metering would zero out bill. County would only be paying generation system cost. Once generation system cost is paid off, electricity cost will be zero.

Onsite solar canopies will provide easy installation and maintenance, covered parking.

ATTACHMENT "A"

PG&E CORROSPONDANCE & BILLS

Zohrabian, Alina

to me

Ken,

For RES-BCT benefiting account as I mentioned below it only offsets the generation component of the rate so the \$charges will not be zero.

Where you see charges for generation for the benefiting account for example below the \$6,295.77 would be offset by the amount of the \$ that it is assigned based on the % allocation.

K G Wilkinson <kgw1951@gmail.com>

Feb 13, 2019, 10:30 AM

to Alina

Hi Alina,

Do I understand correctly , from this bill of \$11,200.83 minus the generation of \$6,295.77 the account would still owe PG&E \$4,905.06. Is that correct?

Zohrabian, Alina <AxZe@pge.com>

Feb 13, 2019, 11:17 AM

to me

Ken,

That is correct. If your generating account had enough credit to offset the whole generation component (\$6295.77) then you still owe \$4905.06

Zohrabian, Alina

Feb 22, 2019, 11:33 AM

to me

Hi Ken,

1. What effect does PG&E bankruptcy have on the RES-BCT program? As far as I know the programs continue as they are and are not effected by PG&E bankruptcy.
2. What are the billing time periods ? Off Peak ? Peak ? The billing periods depends on the OAS (otherwise applicable schedule). For RES-BCT it is required to have TOU rates. Is there a specific rate you are looking at?
3. Is there going to be a increase in Electric Charges in 2019? March 1st of 2019 the electric rates will change and an increase of about 2% is predicted systemwide

The above is just for one month. Let's figure \$3,000 month as cost above what RES-BCT credits and multiply times 12 months. $\$3,000 \times 12 = \$36,000$ year.

PG&E BILLS FOR

3057 BRIW RD. WELFARE OFFICE,

Total bill \$11,200 = \$0.238 kwh
Generation - \$6,295 = \$0.134 kwh
PG&E other charges \$4,905 = \$0.104 kwh

360 FAIR LANE, BLDG B & BLDG 110

Total bill \$23,845 = \$0.214 kwh
Generation - \$14,584 = \$0.131 kwh
PG&E other charges \$9,261 = \$0.083 kwh

330 FAIR LANE, BLDG A ADDITION

Total bill \$5,902 = \$0.27 kwh
Generation - \$3,859 = \$0.17 kwh
PG&E other charges \$2,043 = \$0.09 kwh

345 FAIR LANE, LIBRARY

Total bill \$13,346 = \$0.2922 kwh
Generation - \$8,119 = \$0.1779 kwh
PG&E other charges \$5,227 = \$0.1144 kwh

2850 FAIRLANE CT. BLDG C

Total bill \$21,741 = \$0.2256 kwh
Generation - \$16,540 = \$0.17 kwh
PG&E other charges \$5,201 = \$0.05 kwh

ACTUAL PG&E BILLS ATTACHED



ENERGY STATEMENT

www.pge.com/MyEnergy

Account No: 6971565042-5
Statement Date: 09/14/2018
Due Date: 10/01/2018 30D

8-15-18 - 9-13-18

Service For:

COUNTY OF EL DORADO
3057 BRIW RD
PLACERVILLE, CA 95667

Your Account Summary

Amount Due on Previous Statement	\$13,150.14
Payment(s) Received Since Last Statement	-13,150.14
Previous Unpaid Balance	\$0.00
Current Electric Charges	\$11,200.83

Questions about your bill?

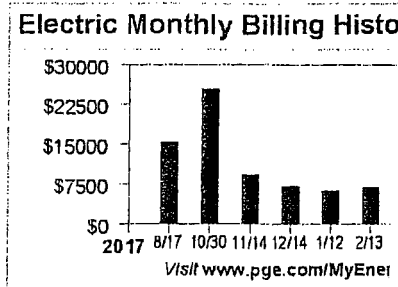
Business Specialist available:
Mon-Fri: 7 am to 6 pm
1-800-468-4743
www.pge.com/MyEnergy

Local Office Address

4636 Missouri Flat Road
Placerville, CA 95667

Total Amount Due by 10/01/2018 \$11,200.83

X
\$11,200.83



Bill \$11,200
 Generation - \$6,295
 Fees \$4,905
 kWh used 46,962
 $\$11,200 \div 46,962 \text{ kWh} = \0.238 kWh
 $\$6,295 \div 46,962 \text{ kWh} = \0.134 kWh
 $\$4,905 \div 46,962 \text{ kWh} = \0.104 kWh

Please return this portion with your payment. No staples or paper clips. Do not fold. Thank you.

99906971565042500011200830001120083



Account Number:	Due Date:	Total Amount Due:	Amount Enclosed:
6971565042-5	10/01/2018	\$11,200.83	\$

171270016554 01 AV 0.37 76 6736 2

 COUNTY OF EL DORADO
 3057 BRIW RD
 PLACERVILLE, CA 95667

PG&E
BOX 997300
SACRAMENTO, CA 95899-7300

10/14/18



ENERGY STATEMENT

www.pge.com/MyEnergy

Account No: 6971565042-5
Statement Date: 09/14/2018
Due Date: 10/01/2018

Important Phone Numbers - Monday-Friday 7 a.m.-9 p.m., Saturday 8 a.m.-6 p.m.

Customer Service (All Languages; Relay Calls Accepted) 1-800-743-5000
TTY 7-1-1

Servicio al Cliente en Español (Spanish) 1-800-660-6789
華語客戶服務 (Chinese) 1-800-893-9555

Dịch vụ khách tiếng Việt (Vietnamese) 1-800-298-8438
Business Customer Service 1-800-468-4743

Rules and rates

You may be eligible for a lower rate. Find out about optional rates or view a complete list of rules and rates, visit www.pge.com or call 1-800-743-5000.

If you believe there is an error on your bill, please call 1-800-743-5000 to speak with a representative. If you are not satisfied with our response, contact the California Public Utilities Commission (CPUC), Consumer Affairs Branch, 505 Van Ness Avenue, San Francisco, CA 94102, 1-800-649-7570 or 415-703-2032 (TDD/TTY).

To avoid having service turned off while you wait for a CPUC decision, enclose a deposit check (payable to the CPUC) for the disputed amount and a description of the dispute. The CPUC will only accept deposits for matters that relate directly to billing accuracy. If it is not possible for you to pay your deposit, you must advise the CPUC. PG&E can not turn off your service for nonpayment while it is under review by the CPUC, however, you must continue to pay your current charges to keep your service turned on.

If you are not able to pay your bill, call PG&E to discuss how we can help. You may qualify for reduced rates under PG&E's CARE program or other special programs and agencies may be available to assist you. You may qualify for PG&E's Energy Savings Assistance Program which is an energy efficiency program for income-qualified residential customers.

Important definitions

Rotating outage blocks are subject to change without advance notice due to operational conditions.

Demand charge: Many non-residential rates include a demand charge. Demand is a measurement of the highest usage of electricity in any single fifteen (or sometimes five) minute period during a monthly billing cycle. Demand is measured in kilowatts (or kW). High demand is usually associated with equipment start-up. By spreading equipment start-ups over a longer period of time, you may be able to lower demand and reduce your demand charges.

Time-of-use electric prices are higher on weekday afternoons and lower at other times of the day. The price you pay also changes by season. Prices are higher in the summer and lower in the winter.

DWR bond charge: Recovers the cost of bonds issued by the Department of Water Resources (DWR) to purchase power to serve electric customers during the California energy crisis. DWR bond charges are collected on behalf of DWR and do not belong to PG&E.

Power Charge Indifference Adjustment (PCIA): Ensures that non-exempt customers under PG&E's GT and ECR rate schedules or who purchase electricity (generation) from non-PG&E suppliers pay their share of generation costs.

Gas Public Purpose Program (PPP) Surcharge. Used to fund state-mandated gas assistance programs for low-income customers, energy efficiency programs, and public-interest research and development.

Visit www.pge.com/billexpplanation for more definitions. To view most recent bill inserts including legal or mandated notices, visit www.pge.com/billinserts.

Your Electric Charges Breakdown

Generation	\$6,295.77
Transmission	1,373.24
Distribution	2,576.61
Electric Public Purpose Programs	630.24
Nuclear Decommissioning	9.39
DWR Bond Charge	257.82
Competition Transition Charges (CTC)	46.49
Energy Cost Recovery Amount	-2.35
Taxes and Other	13.62
Total Electric Charges	\$11,200.83

"PG&E" refers to Pacific Gas and Electric Company, a subsidiary of PG&E Corporation. © 2018 Pacific Gas and Electric Company. All rights reserved.

Please do not mark in box. For system use only.

Update My Information (English Only)

Please allow 1-2 billing cycles for changes to take effect

Account Number: 6971565042-5

Change my mailing address to: _____

City _____ State _____ ZIP code _____

Primary Phone _____ Primary Email _____

Ways To Pay

- Online at www.pge.com/waystopay
- PG&E's Mobile Bill Pay
- By mail: Send your payment along with this payment stub in the envelope provided.
- By debit card, Visa, Mastercard or Discover: Call 1-877-704-8470 at any time. (Our independent service provider charges a fee for each transaction.)
- At a PG&E payment center or local office: To find a payment center or local office near you, please visit www.pge.com or call 1-800-743-5000. Please bring a copy of your bill with you.



ENERGY STATEMENT

www.pge.com/MyEnergy

Account No: 6971565042-5
Statement Date: 09/14/2018
Due Date: 10/01/2018

Details of Electric Charges

08/15/2018 - 09/13/2018 (30 billing days)

Service For: 3057 BRIW RD
Service Agreement ID: 6979585862 WELFARE DEPT
Rate Schedule: A10S Medium General Demand-Metered Service

Service Information

Meter # 1010240919
Total Usage 46,962.540000 kWh
Serial T
Rotating Outage Block 50

08/15/2018 - 08/31/2018

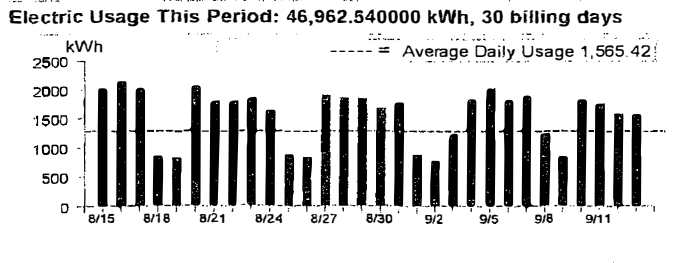
Customer Charge	17 days @ \$4.59959	\$78.19
Demand Charge ¹	158.880000 kW @ \$19.52000	1,757.42
Energy Charges	27,716.700000 kWh @ \$0.16949	4,697.70
Energy Commission Tax		8.04

09/01/2018 - 09/13/2018

Customer Charge	13 days @ \$4.59959	\$59.79
Demand Charge ¹	151.200000 kW @ \$19.85000	1,300.57
Energy Charges	19,245.840000 kWh @ \$0.17113	3,293.54
Energy Commission Tax		5.58

Total Electric Charges \$11,200.83

¹ Demand charges are prorated for the number of days in each rate period



Visit www.pge.com/MyEnergy for a detailed bill comparison



PACIFIC GAS AND ELECTRIC COMPANY
ELECTRIC DETAIL OF BILL
 July 11, 2018 to August 12, 2018

COUNTY OF EL DORADO
 360 FAIR LN
 PLACERVILLE, CA. 95667

FULL SERVICE
 Account ID: 1074701324
 Service ID: 1074701170

PAGE 1

BILLING SUMMARY:

Service Charges		\$152.86
Demand Charges		\$10,899.42
Energy Charges		\$12,424.39
TOTAL OF OAS:		<u>\$23,476.67</u>
PDP kW Credit		\$-448.98
PDP kWh Charge		\$786.00
TOTAL PRE-TAX BILLED AMOUNT:		<u>\$23,813.69</u>
Transmission	\$2,242.01	
Distribution	\$4,855.88	
Public Purpose Programs	\$1,411.66	
Nuclear Decommissioning	\$22.25	
DWR Bond Charge	\$610.72	
On-Going CTC	\$92.33	
Energy Cost Recovery Amount	\$-5.56	
Generation	\$14,584.40	
Energy Commission Tax		\$32.26
TOTAL BILLED AMOUNT:		<u>\$23,845.95</u>

\$ 23,845 - 214 kWh
~~\$ 14,584 - 131 kWh~~
\$ 9,261 - 083 kWh

This bill statement is being billed under the Peak
 Questions regarding this bill can be directed to: 5

BLDG 3
 BLD 110

1 Copies (08/14/18)
 Biller: R2RW

IPBS#: 800015 8535



ENERGY STATEMENT

www.pge.com/MyEnergy

ACCOUNT NO: 1074701525-0

Statement Date: 08/22/2018

Due Date: 09/10/2018

Details of Electric Charges

07/23/2018 - 08/21/2018 (30 billing days)

Service For: 330 FAIR LN

Service Agreement ID: 1074701928 BLDG A ADDITION(330 FAIR LN)

Rate Schedule: A10SX Medium General Demand-Metered Service - TOU

Enrolled Programs: Peak Day Pricing Plan

Service Information

Meter #	1008821578
Total Usage	21,698.640000 kWh
Serial	R
Rotating Outage Block	50

07/23/2018 - 08/21/2018

Customer Charge	30 days @ \$4.59959	\$137.99
Demand Charge	77.760000 kW @ \$19.52000	1,517.88
Energy Charges		
Peak	7,921.920000 kWh @ \$0.22337	1,769.52
Part Peak	5,662.200000 kWh @ \$0.16824	952.61
Off Peak	8,114.520000 kWh @ \$0.14017	1,137.41

PDP Program Details

Maximum Demand Credits	77.760000 kW @ -\$3.61000	-280.71
Peak Usage Credits	7,921.920000 kWh @ -\$0.00261	-20.68
Part Peak Usage Credits	5,662.200000 kWh @ -\$0.00261	-14.78
Off Peak Usage Credits	8,114.520000 kWh @ -\$0.00261	-21.18
Event Day Charges	798.120000 kWh @ \$0.90000	718.31
Energy Commission Tax		6.29

Total Electric Charges

\$5,902.66

BLD100

Usage For This Period's Event Days (2PM to 6PM)

07/24/2018	278.160000 kWh	07/27/2018	245.760000 kWh
07/25/2018	274.200000 kWh		

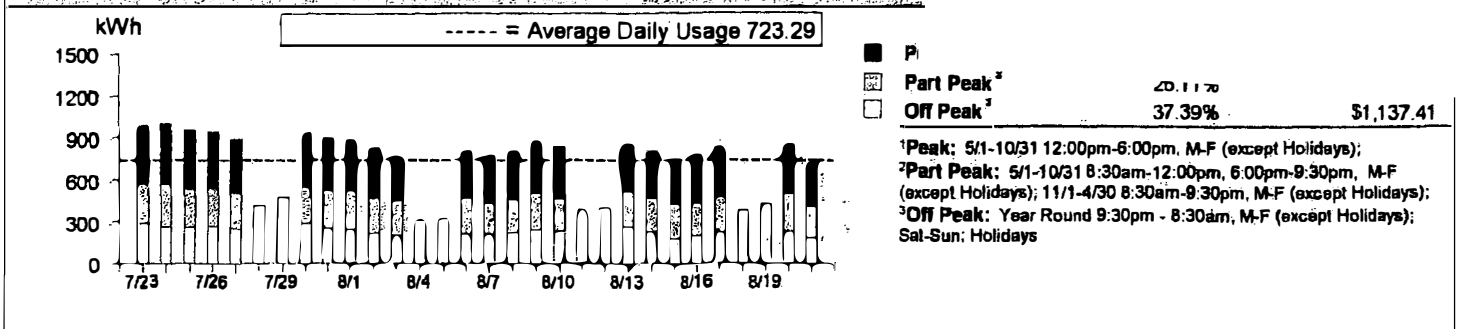
Average Daily Usage (kWh / day)

Last Year	Last Period	Current Period
644.26	667.26	723.29

*\$5,902 Total Bill * 22 kWh*
*- \$3,859 Energy * 17 kWh*

*\$2,043 Other Fees * 0 kWh*

Electric Usage This Period: 21,698.640000 kWh, 30 billing days





ENERGY STATEMENT

www.pge.com/MyEnergy

ACCOUNT NO. 1074701324-0

Statement Date: 08/22/2018

Due Date: 09/10/2018

Details of Electric Charges

07/12/2018 - 08/12/2018 (32 billing days)

Service For: 345 FAIR LN

Service Agreement ID: 1074701212 LIBRARY/PLACERVILLE

Enrolled Programs: Peak Day Pricing Plan

Service Information

Meter #	1009974382
Total Usage	45,665.000000 kWh
Serial	R
Rotating Outage Block	50

07/12/2018 - 08/12/2018

Rate Schedule: A10SX

Rate Description: Medium General Demand-Metered Service - TOU

Customer Charge	32 days @ \$4.59959	\$147.19
Demand Charge ¹	151.000000 kW @ \$19.52000	2,947.52
Energy Charges:		
Peak	16,289.000000 kWh @ \$0.22337	3,638.47
Part Peak	12,956.000000 kWh @ \$0.16824	2,179.72
Off Peak	16,420.000000 kWh @ \$0.14017	2,301.59

PDP Program Details

Maximum Demand Credits	151.000000 kW @ -\$3.61000	-545.11
Peak Usage Credits	16,289.000000 kWh @ -\$0.00261	-42.51
Part Peak Usage Credits	12,956.000000 kWh @ -\$0.00261	-33.82
Off Peak Usage Credits	16,420.000000 kWh @ -\$0.00261	-42.86
Event Day Charges	3,082.000000 kWh @ \$0.90000	2,782.80
Energy Commission Tax		13.24

Total Electric Charges

\$13,346.23

BLD 160

¹ Demand charges are prorated for the number of days in each rate period

Usage For This Period's Event Days (2PM to 6PM)

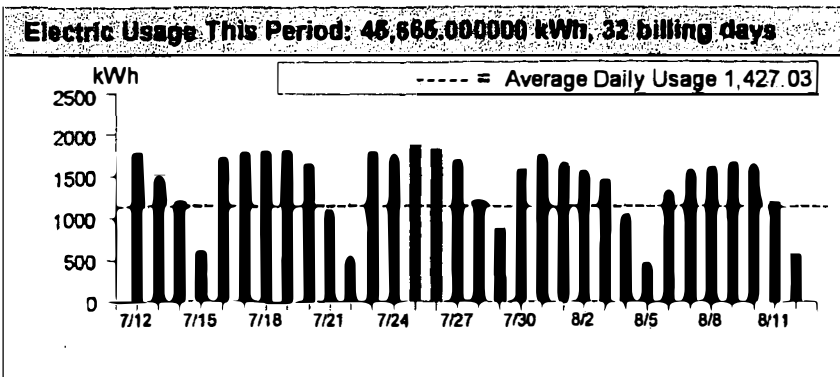
07/16/2018	494.000000 kWh	07/24/2018	527.000000 kWh
07/17/2018	516.000000 kWh	07/25/2018	557.000000 kWh
07/19/2018	494.000000 kWh	07/27/2018	504.000000 kWh

Average Daily Usage (kWh / day)

Last Year	Last Period	Current Period
1,519.41	1,236.13	1,427.03

\$ 13,346.2922 kWh
 - \$ 8,119.1779 kWh

 \$ 5,227.1144 kWh



Visit www.pge.com/MyEnergy for a detailed bill comparison.

Details of Electric Charges

07/23/2018 - 08/21/2018 (30 billing days)

Service For: 2850 FAIRLANE CT # C
 Service Agreement ID: 1074701626
 Rate Schedule: A10SX Medium General Demand-Metered Service - TOU

Service Information

Meter # 1010076373
 Total Usage 96,328.000000 kWh
 Serial R
 Rotating Outage Block 50

07/23/2018 - 08/21/2018

Customer Charge	30 days @ \$4.59959	\$137.99
Demand Charge	257.920000 kW @ \$19.52000	5,034.60
Energy Charges		
Peak	28,258.880000 kWh @ \$0.22337	6,312.19
Part Peak	24,485.440000 kWh @ \$0.16824	4,119.43
Off Peak	43,583.680000 kWh @ \$0.14017	6,109.12
Energy Commission Tax		27.94

Total Electric Charges

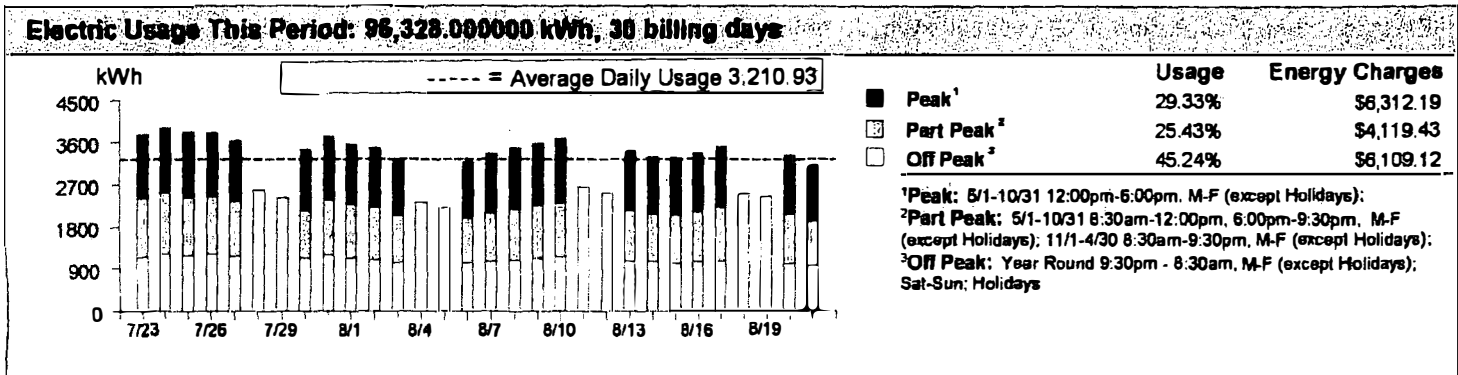
\$21,741.27 *BLD 115*

Average Daily Usage (kWh / day)

Last Year	Last Period	Current Period
2,753.45	3,087.59	3,210.93

*\$21,741 = .2256 kWh
 - 16,540 = .17 kWh

 \$5,201 = .05 kWh*



SOLAR POWER PURCHASE AGREEMENT

by and between

REC SOLAR COMMERCIAL CORPORATION

and

COUNTY OF EL DORADO

dated

March 19, 2019

for the RES-BCT Solar Facility

EXHIBIT B
Site Power Price Chart

SITE - Public Safety Facility RES-BCT

Contract Period, Months	Contract Year	Power Price		Annual Production Estimate (kWh)
1-12	1	\$0.12247	/kWhac	3,141,600
13-24	2	\$0.12247	/kWhac	3,125,892
25-36	3	\$0.12247	/kWhac	3,110,263
37-48	4	\$0.12247	/kWhac	3,094,711
49-60	5	\$0.12247	/kWhac	3,079,238
61-72	6	\$0.12247	/kWhac	3,063,841
73-84	7	\$0.12247	/kWhac	3,048,522
85-96	8	\$0.12247	/kWhac	3,033,280
97-108	9	\$0.12247	/kWhac	3,018,113
109-120	10	\$0.12247	/kWhac	3,003,023
121-132	11	\$0.12247	/kWhac	2,988,008
133-144	12	\$0.12247	/kWhac	2,973,068
145-156	13	\$0.12247	/kWhac	2,958,202
157-168	14	\$0.12247	/kWhac	2,943,411
169-180	15	\$0.12247	/kWhac	2,928,694
181-192	16	\$0.12247	/kWhac	2,914,051
193-204	17	\$0.12247	/kWhac	2,899,480
205-216	18	\$0.12247	/kWhac	2,884,983
217-228	19	\$0.12247	/kWhac	2,870,558
229-240	20	\$0.12247	/kWhac	2,856,205
241-252	21	\$0.12247	/kWhac	2,841,924
253-264	22	\$0.12247	/kWhac	2,827,715
265-276	23	\$0.12247	/kWhac	2,813,576
277-288	24	\$0.12247	/kWhac	2,799,508
289-300	25	\$0.12247	/kWhac	2,785,511

SOLAR POWER PURCHASE AGREEMENT

by and between

REC SOLAR COMMERCIAL CORPORATION

and

COUNTY OF EL DORADO

dated

March 19, 2019

for the NEM Solar Facility

EXHIBIT B
Site Power Price Chart

SITE - Public Safety Facility RES-BCT

Contract Period, Months	Contract Year	Power Price		Annual Production Estimate (kWh)
1-12	1	\$0.13049	/kWhac	860,600
13-24	2	\$0.13049	/kWhac	856,297
25-36	3	\$0.13049	/kWhac	852,016
37-48	4	\$0.13049	/kWhac	847,755
49-60	5	\$0.13049	/kWhac	843,517
61-72	6	\$0.13049	/kWhac	839,299
73-84	7	\$0.13049	/kWhac	835,103
85-96	8	\$0.13049	/kWhac	830,927
97-108	9	\$0.13049	/kWhac	826,772
109-120	10	\$0.13049	/kWhac	822,639
121-132	11	\$0.13049	/kWhac	818,525
133-144	12	\$0.13049	/kWhac	814,433
145-156	13	\$0.13049	/kWhac	810,361
157-168	14	\$0.13049	/kWhac	806,309
169-180	15	\$0.13049	/kWhac	802,277
181-192	16	\$0.13049	/kWhac	798,266
193-204	17	\$0.13049	/kWhac	794,275
205-216	18	\$0.13049	/kWhac	790,303
217-228	19	\$0.13049	/kWhac	786,352
229-240	20	\$0.13049	/kWhac	782,420
241-252	21	\$0.13049	/kWhac	778,508
253-264	22	\$0.13049	/kWhac	774,615
265-276	23	\$0.13049	/kWhac	770,742
277-288	24	\$0.13049	/kWhac	766,888
289-300	25	\$0.13049	/kWhac	763,054