

Rulemaking No.: 20-08-020

Exhibit No.: PAO-06

Witness: Brad Heavner and Joshua Plaisted

Commissioner: Martha Guzman Aceves

ALJ: Kelly A. Hymes

Dated: July 30, 2021

CALSSA Response to CalAdvocates Data Request 1

Pre-Solar Monthly Charges

Time Periods Bill Ranges & Seasons	Energy Use (kWh)					Charges			
	On Peak	Mid Peak	Off Peak	Super Off Pe	Fixed Charge	€NBC	Energy	Total	
1/1/2020 - 2/1/2020 W	0	239	365	294	\$0.96	\$22	\$191	\$215	
2/1/2020 - 3/1/2020 W	0	226	353	283	\$0.90	\$22	\$184	\$207	
3/1/2020 - 4/1/2020 W	0	231	332	301	\$0.96	\$22	\$182	\$204	
4/1/2020 - 5/1/2020 W	0	229	326	293	\$0.93	\$21	\$179	\$201	
5/1/2020 - 6/1/2020 W	0	269	351	347	\$0.96	\$24	\$210	\$235	
6/1/2020 - 7/1/2020 S	333	124	1,075	0	\$0.93	\$38	\$380	\$419	
7/1/2020 - 8/1/2020 S	379	140	1,221	0	\$0.96	\$44	\$436	\$480	
8/1/2020 - 9/1/2020 S	376	182	1,303	0	\$0.96	\$47	\$467	\$514	
9/1/2020 - 10/1/2020 S	252	101	877	0	\$0.93	\$31	\$295	\$326	
10/1/2020 - 11/1/2020 W	0	339	387	452	\$0.96	\$29	\$265	\$296	
11/1/2020 - 12/1/2020 W	0	236	336	301	\$0.93	\$22	\$186	\$209	
12/1/2020 - 1/1/2021 W	0	238	372	296	\$0.96	\$23	\$193	\$217	
Totals:	1,340	2,554	7,298	2,567	\$11	\$344	\$3,168	\$3,523	

Post-Solar Year One Monthly Charges - Cash Purchase or Loan

Time Periods Bill Ranges & Seasons	Energy Use (kWh)					Charges			
	On Peak	Mid Peak	Off Peak	Super Off Pe	Fixed Charge	€NBC	Energy	Total	
1/1/2020 - 2/1/2020 W	0	216	350	-500	\$0.96	\$15	\$42	\$58	
2/1/2020 - 3/1/2020 W	0	184	335	-443	\$0.90	\$13	\$40	\$54	
3/1/2020 - 4/1/2020 W	0	118	324	-414	\$0.96	\$13	\$25	\$39	
4/1/2020 - 5/1/2020 W	0	32	308	-706	\$0.93	\$11	-\$42	-\$30	
5/1/2020 - 6/1/2020 W	0	62	325	-672	\$0.96	\$12	-\$26	-\$14	
6/1/2020 - 7/1/2020 S	184	68	96	0	\$0.93	\$19	\$88	\$108	
7/1/2020 - 8/1/2020 S	218	90	220	0	\$0.96	\$22	\$123	\$146	
8/1/2020 - 9/1/2020 S	229	109	202	0	\$0.96	\$22	\$129	\$152	

9/1/2020 - 10/1/2020 S	137	61	-64	0	\$0.93	\$16	\$47	\$63
10/1/2020 - 11/1/2020 W	0	240	380	-344	\$0.96	\$17	\$76	\$94
11/1/2020 - 12/1/2020 W	0	219	304	-488	\$0.93	\$13	\$37	\$52
12/1/2020 - 1/1/2021 W	0	219	356	-443	\$0.96	\$15	\$53	\$68
Totals:	768	1,618	3,136	-4,010	\$11	\$186	\$593	\$790

Annual Cash Flow - Cash Purchase

Years	Project Costs	O&M / Equip	Electric Bill	S Total Cash F	Cumulative Cash Flow
Upfront	-\$25,650	-	-	-\$25,650	-\$25,650
1 -	-	-	\$2,733	\$2,733	-\$22,917
2 -	-	-	\$2,792	\$2,792	-\$20,125
3 -	-	-\$75	\$2,853	\$2,778	-\$17,347
4 -	-	-\$77	\$2,915	\$2,838	-\$14,509
5 -	-	-\$78	\$2,977	\$2,899	-\$11,609
6 -	-	-\$80	\$3,041	\$2,962	-\$8,648
7 -	-	-\$82	\$3,107	\$3,025	-\$5,623
8 -	-	-\$83	\$3,173	\$3,090	-\$2,533
9 -	-	-\$85	\$3,240	\$3,155	\$622
10 -	-	-\$87	\$3,309	\$3,222	\$3,845
11 -	-	-\$89	\$3,379	\$3,290	\$7,135
12 -	-	-\$90	\$3,450	\$3,360	\$10,495
13 -	-	-\$92	\$3,522	\$3,430	\$13,925
14 -	-	-\$94	\$3,596	\$3,502	\$17,427
15 -	-	-\$96	\$3,671	\$3,575	\$21,001
16 -	-	-\$2,723	\$3,747	\$1,024	\$22,025
17 -	-	-\$100	\$3,824	\$3,724	\$25,748
18 -	-	-\$102	\$3,903	\$3,800	\$29,549
19 -	-	-\$105	\$3,983	\$3,878	\$33,427

	20 -		-\$107	\$4,064	\$3,957	\$37,384
Totals:		-\$25,650	-\$4,245	\$67,279	\$37,384 -	

Annual Cash Flow - Loan

Years	Financing Pa	O&M / Equip	Electric Bill	S Total Cash F	Cumulative Cash Flow
Upfront	-	-	-	-	-
1	-\$2,732	-		\$2,733	\$1
2	-\$2,732	-		\$2,792	\$61
3	-\$2,732	-\$75		\$2,853	\$106
4	-\$2,732	-\$77		\$2,915	\$212
5	-\$2,732	-\$78		\$2,977	\$379
6	-\$2,732	-\$80		\$3,041	\$608
7	-\$2,732	-\$82		\$3,107	\$901
8	-\$2,732	-\$83		\$3,173	\$1,259
9	-\$2,732	-\$85		\$3,240	\$1,682
10	-\$2,732	-\$87		\$3,309	\$2,172
11	-\$2,732	-\$89		\$3,379	\$2,730
12	-\$2,732	-\$90		\$3,450	\$3,357
13	-\$2,732	-\$92		\$3,522	\$4,055
14	-\$2,732	-\$94		\$3,596	\$4,824
15	-\$2,732	-\$96		\$3,671	\$5,667
16 -		-\$2,723		\$3,747	\$6,690
17 -		-\$100		\$3,824	\$10,414
18 -		-\$102		\$3,903	\$14,214
19 -		-\$105		\$3,983	\$18,092
20 -		-\$107		\$4,064	\$22,049
Totals:		-\$40,984	-\$4,245	\$67,279	\$22,049 -

Annual Cash Flow - PPA

Years	PPA Paymer	Electric Bill	S Total Cash F	Cumulative Cash Flow
Upfront	-	-	-	-
1	-\$2,204	\$2,733	\$528	\$528
2	-\$2,228	\$2,792	\$564	\$1,092
3	-\$2,252	\$2,853	\$601	\$1,693
4	-\$2,277	\$2,915	\$638	\$2,331
5	-\$2,301	\$2,977	\$677	\$3,008
6	-\$2,325	\$3,041	\$716	\$3,724
7	-\$2,350	\$3,107	\$757	\$4,481
8	-\$2,374	\$3,173	\$799	\$5,280
9	-\$2,399	\$3,240	\$842	\$6,122
10	-\$2,423	\$3,309	\$886	\$7,007
11	-\$2,448	\$3,379	\$931	\$7,938
12	-\$2,473	\$3,450	\$977	\$8,915
13	-\$2,498	\$3,522	\$1,025	\$9,940
14	-\$2,523	\$3,596	\$1,073	\$11,013
15	-\$2,548	\$3,671	\$1,123	\$12,136
16	-\$2,573	\$3,747	\$1,174	\$13,310
17	-\$2,598	\$3,824	\$1,226	\$14,537
18	-\$2,623	\$3,903	\$1,280	\$15,817
19	-\$2,648	\$3,983	\$1,335	\$17,151
20	-\$2,673	\$4,064	\$1,391	\$18,542
Totals:	-\$48,737	\$67,279	\$18,542	-

Annual Cash Flow - Lease

Years	Lease Paymer	O&M / Equip	Electric Bill	S Total Cash F	Cumulative Cash Flow
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Upfront

1	-\$1,920	-	\$2,733	\$813	\$813
2	-\$1,956	-	\$2,792	\$836	\$1,649
3	-\$1,994	-\$37	\$2,853	\$822	\$2,471
4	-\$2,032	-\$39	\$2,915	\$844	\$3,315
5	-\$2,070	-\$40	\$2,977	\$868	\$4,183
6	-\$2,109	-\$41	\$3,041	\$891	\$5,074
7	-\$2,150	-\$42	\$3,107	\$915	\$5,988
8	-\$2,190	-\$43	\$3,173	\$939	\$6,928
9	-\$2,232	-\$45	\$3,240	\$964	\$7,891
10	-\$2,274	-\$46	\$3,309	\$989	\$8,880
11	-\$2,318	-\$48	\$3,379	\$1,014	\$9,894
12	-\$2,362	-\$49	\$3,450	\$1,039	\$10,933
13	-\$2,407	-\$50	\$3,522	\$1,065	\$11,998
14	-\$2,452	-\$52	\$3,596	\$1,092	\$13,090
15	-\$2,499	-\$53	\$3,671	\$1,118	\$14,209
16	-\$2,546	-\$2,680	\$3,747	-\$1,480	\$12,729
17	-\$2,595	-\$57	\$3,824	\$1,173	\$13,902
18	-\$2,644	-\$58	\$3,903	\$1,200	\$15,102
19	-\$2,694	-\$60	\$3,983	\$1,228	\$16,330
20	-\$2,745	-\$62	\$4,064	\$1,256	\$17,587
Totals:	-\$46,189	-\$3,503	\$67,279	\$17,587	-