CitizenOne Energy Closer Training

Section 1 - How to calculate commission

((EPC or PPW - redline) x system size) - adders

Section 2 – What is a kw? What is a kwh?

A kw (kilowatt) is a unit of measurement for system size. Solar panel sizes are measured in watts. For example, as of the time of this writing, our main installer BPS currently installs Longi 350 watt panels. If you install 10 of these panels, the system size is 3500 watts. But we abbreviate it to 3.5 kw as 1000 watts = 1 kw.

A kwh (kilowatt hour) is a measurement of solar panel energy production. Let's use the same example of the 3.5 kw (3500 watt) system. Depending on how well it gets sunlight (what we call sun hours), it will produce a different amount of kwh. When you are designing the solar system in the software system, it will tell you how many kwh the system should produce in its first year. Let's say that 3.5 kw system shows that it should produce 6000 kwh per year. Those numbers are very good. Let's say you change the design of the system and put all those panels on a north-facing roof plane (the worst), the sun hours would drop and therefore it would produce less per year.

The best roof plane is a South-facing roof plane followed by East and West. A North-facing roof plane is not ideal.

Section 3 – How to Read a Utility Bill

Subsection 3.1 – How to read a Time of Use bill

An EDISON INTERNATIONAL® Company	www.sce.com		Page 1 of 6
Customer account	Rotating outage Group A019		Amount due \$156.12 Due by 08/28/23
Service account 8000707.000 B PALM SEMINGS, CA 92:02	POD-ID 01760910000070000 Date bill prepared 08/08/23		
Your account summer	nary	\$258.63	
Payment Received 07/11/23 Payment Received 07/17/23 Payment Received 07/22/23 Credit balance Your new charges Total amount you owe by 08	/28/23	-\$350.00 -\$175.00 -\$225.00 -\$491.37 \$647.49 \$156.12	
Your cost varies by ti Summer cost periods (J Weekdays On peak 5pm - 8pm Mid peak Off peak 12am - 5pm 8pm - 12am	me of day un 01-Sep 30) Weekends & Holidays 5pm - 8pm 12am - 5pm 8pm - 12am		

Previous Balance indicates that he owed money at the beginning of the previous month. Possibly, he did not pay the previous month.

Payment Received shows his payment/s the previous month. With this customer, you can see he made 3 payments in the previous month.

Credit balance is his balance after he made payments the previous month but before the new charges for this month. As you can see, he has a credit balance of -\$491.37 because he made the 3 payments in July which brought his previous balance owed of \$258.63 to credit balance of \$-491.37.

Your New Charges are this month's charges.

Amount owed reconciles the credit balance and the new charges this month and displays the difference to tell the customer what he owes this month.

Time of Use table shows you what the time periods are for each of the Time of Use hours. Keep in mind that the utility companies change these from time to time. You can always find the respective utility company's times by accessing their website and looking at their pricing plans. Edison usually has a Time of Use table for Summer and different hours for Winter. It's not super important to memorize every detail but having a good understanding of approximately when the hours are is good to know.



Time of Use table showing how many kwh of each time period was used for this month. Also shows the price per kwh for each of the time periods as well as the total cost for each.

The bar graph shows how many kwh were used per day on for each of the last 12 months. It also shows the same month as this month 2 and 3 years ago just to show the customer whether they are using more or less energy than they had previously on the same month. The total usage for this month is already reflected to the top right of the graph where it reads 1639. So that is 1639 kwh for this month. But the other months do not give you the total usage so you have to eyeball the bars and use an educated guess by multiplying the estimated daily usage by the number of days in the month. Keep in mind that the month on the bar graph actually corresponds to the previous months usage. For example, the bar graph for August is actually for the usage from 7/10-8/7. So let's add it up for a few months to better understand this. September's bar is around 53. The days in the previous month of August is 31 days so $53 \times 31 = 1643$. So that's 1643 kwh for September. October's bar is around 38. The days in the previous month of September is 31 days so 38 x 31 = 1178. So that's 1178 kwh for October. November's bar is around 20. The days in the previous month of October is 31 days. So 20 x 31 = 620. So that's 620 kwh for November. Keep doing this math until you have all 12 months of usage and then add the sum and that is the total usage for the year. I got about 9717 kwh for the year. Obviously, there is a degree of inaccuracy to eyeballing but generally speaking it should be close enough. You could get the exact usage by checking their usage in their online account with the utility company but you run the risk of customer hesitation and breaking the momentum of the sale. Eyeballing the bar graph is close enough and works just fine.

Your rate tells what type of rate plan they are on. You can find the details of their rate plan (including the time periods and corresponding rate per kwh) on the utility's website. Some of the utility companies like Edison show you the details on the bill itself as we have already seen.

Your delivery charges show important items like the transmission and distribution fees which are the charges to pull in energy from out of state (upkeep, maintenance, etc.). Don't forget to mention that this is roughly half of Your new charges. Nuclear decommissioning charges are for shutting down the nuclear power plants which is one of the reasons why a lot of power is coming from out of state. Public purpose program funds certain state-mandated programs such as low income programs and energy efficiency programs.

All the charges total the Your new charges = \$647.49. To find the average price per kwh, take \$647.49 divided by 1639 kwh = \$0.395. So it's 39.5 cents per kwh. We know that this is a Time of Use rate schedule so we can assume that it's likely that the customer uses their energy approximately the same on most if

not all days. So take the estimated annual energy usage of 9717 kwh and multiply it by 39.5 cents = \$3838 per year which is \$320 per month. That means the average monthly bill is around \$320.



Your rate: Domestic means they are not charged on a Time of Use schedule but rather simply charged a rate per kwh for Tier 1, Tier 2 and High Usage Charge (Tier 3).

As can be seen, Tier 1 is charged at 33 cents per kwh, Tier 2 at 43 cents per kwh and Tier 3 at 43 cents per kwh. 281 kwh were charged on Tier 1 and 157 kwh were charged on Tier 2. To figure out the average price per kwh just divide Your new charges \$165.87 by 438 kwh = \$0.378. So rounding up it's 38 cents per kwh. Keep in mind that when on Domestic rate, the average price per kwh can vary because the low months may not dip very much into Tier 2 or 3 and therefore have a lower average than the higher months. Take a look at August for example. August is 1643 kwh (53 daily kwh x 31 days). We know that the first 281 kwh are going to be charged at 33 cents. But there's a remaining 1362 kwh that will be in Tier 2 at 43 cents and Tier 3 at 43 cents. Therefore, the average price per kwh for August is likely somewhere around 40 cents per kwh. Obviously, there is a degree of inaccuracy with this but you have to make an educated guess so that you can do the math simply enough not to get too distracted with it. So taking a look at the bar graph here, I would say the average price per kwh is around 39 cents per kwh and the total usage is around \$400 kwh. So the total yearly bill is around \$3276. Which means the average monthly bill is around \$273 (\$3276 /12).

Subsection 3.3 – Budget Bill Plan (BBP) or Level Pay Plan (LPP)

Total amount you owe by 05/22/24	4 \$240.00)	
Your BBP amount	\$240.00	<u>Actual balance</u>	-\$504.06
Balance forward	\$0.00	D Payments/Adjustments	-\$1,538.10
Payment Received 04/12/24	-\$240.00	<u>)</u> Actual amount billed	\$665.94
Amount of your last Budget Bill Plan (BE	3P) bill \$240.00) Beginning plan balance	\$368.10
Your account summar	у	BBP year to date summary – n	nonth #6

Your Budget Billing Plan amount is due when you receive your bill. If your account becomes past due, you may no longer be eligible to participate in this program.

Some customers choose to pay a fixed amount every month for 12 months and then at the end of the 12 month cycle, they may have a credit balance if they used less energy than was allotted or may have a balance due if they used more energy than was allotted for those 12 months. The utility company takes a look at the previous 12 months of usage to determine what to charge every month. In essence, this is what their average monthly bill would be if they used the exact same amount of energy they did the previous year. This customer's BPP amount is \$240 per month. It shows the year to date summary as you can see it is on month 6. The current balance is -\$504.06 which alludes to the fact that the customer has not been using as much energy as allotted. You can see the Actual amount billed is \$665.94 which means had this customer not had the BBP plan, he would have actually only paid \$665.94 so far this year thru month 6. But instead he has paid \$1538.10 so far. But later in the year when the bills become much higher, the BBP amount will still only be \$240 and the Actual amount billed may be significantly higher so the Actual balance may level out by the end of the year. Customers on this type of plan can be difficult to sell because they think they are saving money by doing this. But remember, they are not saving anything

by being on this plan. They are simply averaging out their total yearly bill into a fixed monthly amount and may or may not owe money at the end of have a credit balance at the end.

Subsection 3.4 – How to read SDGE bill





SDGE bills include the gas charge. Do not include this into the calculations for electricity.

Electric delivery \$290.23 + CCA Electric Generation \$50.88 = Electric charges this month \$341.11

The bar graph for SDGE is easier to read because you just have to eyeball how much usage for each month. In this case, it looks like around 5400 kwh for the year.

766 kwh for the month. It also breaks down a few less important details like the daily average usage and other items that have no impact on the math. Now, let's find the rate per kwh. Take the electric charges this month of \$341.11 divided by 766 kwh used this month = \$0.445 or 44.5 cents per kwh. Then to find the average monthly bill take 44.5 cents multiplied by the annual usage of 5400 kwh = \$2403 for the year divided by 12 = \$200 per month.



ACCOUNT NUMBER AMOUNT DUE \$297.00

DATE MAILED Jan 31, 2024 sdge.com

Page 3 of 8

13%

\$59.60

\$46.7

\$110.6

\$. 5 \$. 7 \$17. 1

\$74.6

\$13.0 \$4.5 \$20.6

\$1.60

\$50.88

\$403.62

10

Detail	of Cu	rren	t Charg	es							Breakdown of Current Charges
Gas Se	rvice										
Rate: GR-Re	esidential			Bas	seline Allowand	e: 37 The	ms				
Meter Number	0100500		(Next	schedule	d read date	Feb 26, 2	024))	Cycle:	18	62% 13%
Billing Deriod		Dava	Current	Previous	Difference	Mete		Therm	- Total Thorn		
12/27/22	01/25/24	Days	Keading -	A024	= Difference			1 020	= Total Thern		Total Current Charges
12/21/23 - 1	01/23/24	30	4032	4024	20	1.000		1.020		2.	\$403.62*
GAS CHA	RGES								Amo	unt(\$)	
🕑 _{Gas S}	ervice Rat	e Char	nge This Billin	ng Period	1:						14%
There was	a rate cha	nge on	day 6 of your	Billing P	eriod. There	efore, you	r cha	arges for i	the first 5 d	days	
were at Ra	te 1, and tr	ne rema	ining 25 days	were at F	Rate 2.						11%
Gas Servi	ce (Detail	s belo	w)		5 Therm	IS					*Credits are not shown on the chart
			,								The total current charges include the following
Thomas wood	Baseline										page 8 of your bill.
Pate/Thorm	0 \$1,55029	,									
5 of 30 Days	\$7.80	,						_		7 0	S Gas Charges
5 01 50 Days	φ7.00 									1.0	Gas Service \$5
Gas Servi	ce <i>(Detail</i>	s belo	W)		24 Ther	ms					Dublic Duspace December 2015 (Gas)
			,								Other
Therese	Baseline										Electric Charges
Therms used	24 ©1 54909	,									Transmission \$4
Rate/Therm	\$1.54600 \$27.46)								07.4	Nuclear Decommissioning
25 01 30 Days	\$37.15							=		37.1	Competition Transition Charge
🕑 _{Gas E}	nergy Rat	e Chan	ae This Billir	na Period	:						Local Generation Charge \$1 Total Rate Adi, Comp. \$7
There was	a rate cha	nge on	day 6 of you	Billing P	eriod. There	efore, you	r cha	arges for i	the first 5 d	days	(*) Other Charges & Credits (Electric)
were at Ra	te 1, and th	ne rema	nining 25 days	were at F	Rate 2.						Public Purpose Programs \$1
Gas Energ	gy Charge	e (Deta	ails below)		5 Therm	IS					Wildfire Fund Charge \$
	Usage										Other \$
Therms used	5										CCA Electric Generation Charges
Rate/Therm	\$.55902										Total CCA Electric Generation \$5
5 of 30 Days	\$2.80								=	2.8	Total Current Charges \$403
Gas Energ	gy Charge	e (Deta	ails below)		24 Ther	ms					
Therms used	Usage 24										
Rate/Therm	\$.49370										
25 of 30 Days	\$11.85								=	11.8	
					Total	Gas Ch	arg	es	\$5	59.60	
TAXES &	FEES O	N GAS	CHARGES						A	mount(\$	
Public Purp	ose Progra	ams				5 Therms	x \$.0	088810		.4	
Public Purp	ose Progra	ams			2	4 Therms	x \$.1	101330		2.4	
State Regu	latory Fee				2	4 Therms	x ֆ.u v \$ (003000		.0.	
	latory i de		Tota	ITaves	2 8 Food	on Gas		arges			
			1014	IdAda	Total (Gas Ser	vic	e anges		52.5	
								-			
							(Cor	ntinued o	on next pa	age)	
							-				

With SDGE bills, it breaks down the gas portion of the bill first so just disregard it.

On the right-hand side you can find the transmission and distribution fees as well as the nuclear decommissioning charges and public purpose program charges. Don't forget to mention that the transmission and distribution fees are roughly half of the electric charges for the month.

	unon onargos -	Continued		
Electric	Service			
Rate: Time of	Use - TOU-DR1-R	esidential C	limate Zone: Inland	
Baseline Allowa	ance: 288 kWh			
Billing Period: 1	12/27/23 - 1/25/24	Total Days: 30		
Motor Numbor:		(Next schedul	ad road data Eab 26, 2024)	Cycle: 18
Meter Number.	1 000	(Next Schedul	ed lead date reb 20, 2024)	Cycle. To
Meter Constant:	: 1.000	Billing Voltage Le	vel: Secondary	
Circuit: C	However, this	s currently not subj s is subject to chan (Usage based	ected to rotating outage. ge without notice. I on interval data)	
ELECTRIC	CHARGES			Amount(\$)
Electricity [Delivery (Details	<i>below)</i> 1	29 kWh	
WINTER USAGE	On-Peak	Off-Peak	Super Off-Peak	_
kWh used	26	49	54	
Rate/kWh	\$.43809	\$.43809	\$.43809	
5 Days Charge	\$11.39	+ \$21.47	+ \$23.00	= 56.52
Electricity [Delivery (Details	below) 6	37 kWh	
WINTER USAGE	On-Peak	Off-Peak	Super Off-Peak	_
kWh used	130	237	270	
Rate/kWh	\$.38560	\$.38560	© 20560	
25 Dave Charge	\$50.13	. \$01.30	\$104.11	- 045.00
25 Days Charge	\$50.13 hange This Billing	+ \$91.39	+ \$104.11	_= 245.63
25 Days Charge Rate Cl There was a were at Rate Wildfire Fund Wildfire Fund	\$50.13 hange This Billing a rate change on d b 1, and the remain d Charge d Charge Generation (Deta <u>On-Peak</u>	+ \$91.39 Period: ay 6 of your Billing ing 25 days were a ils below) 1 Off-Peak	+ \$104.11 Period. Therefore, your charges at Rate 2. 129 kWh x \$.00530 637 kWh x \$.00561 29 kWh Super Off-Peak	_= 245.63 for the first 5 days .68 3.57
25 Days Charge Rate Cl There was a were at Rate Wildfire Fun- Wildfire Fun- Bate/kWb	\$50.13 hange This Billing a rate change on d e 1, and the remain d Charge d Charge Generation (Deta <u>On-Peak</u> 26 \$ 19307	+ \$91.39 Period: ay 6 of your Billing ing 25 days were a ils below) 1 <u>Off-Peak</u> 49 \$ 10855	*.35300 + \$104.11 Period. Therefore, your charges at Rate 2. 129 kWh x \$.00530 637 kWh x \$.00561 29 kWh <u>Super Off-Peak</u> 54 \$ 08402	_= 245.63 for the first 5 days .68 3.57
25 Days Charge Rate Cl There was a were at Rate Wildfire Fun Wildfire Fun Wildfire Fun Electricity C <i>wiNTER USAGE</i> kWh used Rate/kWh 5 Days Charge	\$50.13 hange This Billing a rate change on d e 1, and the remain d Charge d Charge Generation (Deta <u>On-Peak</u> 26 \$.19307 \$5.02	+ \$91.39 Period: ay 6 of your Billing ing 25 days were a ils below) 1 <u>Off-Peak</u> 49 \$.10855 + \$5.32	*.35360 + \$104.11 Period. Therefore, your charges at Rate 2. 129 kWh x \$.00530 637 kWh x \$.00561 29 kWh Super Off-Peak 54 \$.08402 + \$4.54 =	_= 245.63 for the first 5 days .68 3.57
25 Days Charge Rate Cl There was a were at Rate Wildfire Fund Wildfire Fund Wildfire Fund Wildfire Fund Electricity (WINTER USAGE KWh used Rate/kWh S Days Charge Electricity (WINTER USAGE KWh used Rate/kWh	\$50.13 hange This Billing a rate change on d b 1, and the remain d Charge d Charge Generation (Deta <u>0n-Peak</u> 26 \$.19307 \$5.02 Generation (Deta <u>0n-Peak</u> 130 \$.14088	+ \$91.39 Period: ay 6 of your Billing ing 25 days were a ils below) 1 <u>Off-Peak</u> 49 \$.10855 + \$5.32 ils below) 6 <u>Off-Peak</u> 237 \$.07913	+ \$104.11 Period. Therefore, your charges at Rate 2. 129 kWh x \$.00530 637 kWh x \$.00561 29 kWh Super Off-Peak 54 \$.08402 + \$4.54 = 37 kWh Super Off-Peak 270 \$.06121	_= 245.63 for the first 5 days 68 3.57
25 Days Charge Rate Cl There was a were at Rate Wildfire Fun- Wildfire Fun- Wildfire Fun- Electricity C WINTER USAGE KWh used Rate/kWh 25 Days Charge Rate/kWh	\$50.13 hange This Billing a rate change on d e 1, and the remain d Charge d Charge Generation (Deta <u>0n-Peak</u> 26 \$.19307 \$5.02 Generation (Deta <u>0n-Peak</u> 130 \$.14088 \$18.31	+ \$91.39 Period: ay 6 of your Billing ing 25 days were a ils below) 1 <u>Off-Peak</u> 49 \$.10855 + \$5.32 ils below) 6 <u>Off-Peak</u> 237 \$.07913 + \$18.75	*.30300 + \$104.11 Period. Therefore, your charges at Rate 2. 129 kWh x \$.00530 637 kWh x \$.00561 29 kWh <u>Super Off-Peak</u> 54 \$.08402 + \$4.54 = 337 kWh <u>Super Off-Peak</u> 270 \$.06121 + \$16.53 =	_= 245.63 for the first 5 days .68 3.57 14.88
25 Days Charge Rate Cl There was a were at Rate Wildfire Fund Wildfire Fund Wildfire Fund Electricity C WINTER USAGE KWh used Rate/kWh 25 Days Charge Electricity G Electricity G	\$50.13 hange This Billing a rate change on d a rate change on d a fate change on d d Charge d Charge Generation (Deta <u>On-Peak</u> 26 \$.19307 \$5.02 Generation (Deta <u>On-Peak</u> 130 \$.14088 \$18.31 eneration Credit	+ \$91.39 Period: ay 6 of your Billing ing 25 days were a ils below) 1 <u>Off-Peak</u> 49 \$.10855 + \$5.32 ils below) 6 <u>Off-Peak</u> 237 \$.07913 + \$18.75	+ \$104.11 Period. Therefore, your charges at Rate 2. 129 kWh x \$.00530 637 kWh x \$.00561 29 kWh Super Off-Peak 54 \$.08402 + \$4.54 = 37 kWh Super Off-Peak 270 \$.06121 + \$16.53 =	_= 245.63 for the first 5 days .68 3.57 14.88 53.59 -68.47
25 Days Charge Rate Cl There was a were at Rate Wildfire Fun Wildfire Fun Electricity C WINTER USAGE KWh used Rate/kWh 5 Days Charge Electricity C WINTER USAGE KWh used Rate/kWh 25 Days Charge Electricity G	\$50.13 hange This Billing a rate change on de a rate change on de d Charge Generation (Deta <u>0n-Peak</u> 130 \$1.14088 \$18.31 eneration Credit	+ \$91.39 Period: ay 6 of your Billing ing 25 days were a ils below) 1 Off-Peak 49 \$.10855 + \$5.32 ils below) 6 Off-Peak 237 \$.07913 + \$18.75	*.35300 + \$104.11 * Period. Therefore, your charges at Rate 2. 129 kWh x \$.00530 637 kWh x \$.00561 29 kWh <u>Super Off-Peak</u> 54 \$.08402 + \$4.54 = 37 kWh <u>Super Off-Peak</u> 270 \$.06121 + \$16.53 =	_= 245.63 for the first 5 days .68 3.57 14.88 53.59 -68.47
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25 Days Charge <i>Rate Cl</i> <i>There was a</i> <i>were at Rate</i> Wildfire Fun Wildfire Fun Electricity (<i>winter USAGE</i> KWh used Rate/kWh 25 Days Charge Electricity (<i>winter USAGE</i> KWh used Rate/kWh 25 Days Charge Electricity G Baseline Ad, Baseline Ad, PCIA 2022	\$50.13 hange This Billing a rate change on d a rate change on d a fate change on d d Charge d Charge Generation (Deta <u>0n-Peak</u> 26 \$.19307 \$5.02 Generation (Deta <u>0n-Peak</u> 130 \$.14088 \$18.31 eneration Credit justment Credit	+ \$91.39 Period: ay 6 of your Billing ing 25 days were a ils below) 1 <u>Off-Peak</u> 49 \$.10855 + \$5.32 ils below) 6 <u>Off-Peak</u> 237 \$.07913 + \$18.75	+ \$104.11 Period. Therefore, your charges at Rate 2. 129 kWh x \$.00530 637 kWh x \$.00561 29 kWh Super Off-Peak 54 \$.08402 + \$4.54 = 37 kWh Super Off-Peak 270 \$.06121 + \$16.53 = 63 kWh x -\$.11724 311 kWh x -\$.09946 129 kWh x \$.04437	_= 245.63 for the first 5 days .68 3.57 14.88 53.59 -68.47 -7.39 -30.93 5.72
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Now we are at the electric portion of the SDGE bill. There is a lot of detailed info however the only real important item is the Rate which is Time of Use - TOU DR-1 Residential. You can find the rates for the time periods on SDGE's website as they don't post a simplified version on the bill.

Economic Development Program Credit		01
1	otal Electric Charges	\$288.63
TAXES & FEES ON ELECTRIC CHARGES		Amount(\$)
Franchise Fee Equivalent Surcharge	71.98 x 1.10%	.79
State Regulatory Fee		.81
Total Taxes & Fees	on Electric Charges	\$1.60
7	otal Electric Service	\$290.23
Community Choice Aggregation (CC	CA) Electric Generation Ch	arges
Your Electric energy is provided by the follo	wing CCA:	
Your Electric energy is provided by the follow SAN DIEGO COMMUNITY POWER Phone: 1-4	wing CCA: 888-382-0169	
Your Electric energy is provided by the follow SAN DIEGO COMMUNITY POWER Phone: 1-4 CCA Account Number: 9772030028 Service Delivery Point	wing CCA: 888-382-0169 401660909772030750002	
Your Electric energy is provided by the follow SAN DIEGO COMMUNITY POWER Phone: 1-4 CCA Account Number: 9772030028 Service Delivery Point Bill Date: Jan 25, 2024 Billing Period: 12/27/23 - 1/25/	wing CCA: 888-382-0169 101660909772030750002 24	
Your Electric energy is provided by the follow SAN DIEGO COMMUNITY POWER Phone: 1-4 CCA Account Number: 9772030028 Service Delivery Point Bill Date: Jan 25, 2024 Billing Period: 12/27/23 - 1/25/	wing CCA: 888-382-0169 401660909772030750002 24	
Your Electric energy is provided by the follow SAN DIEGO COMMUNITY POWER Phone: 1-4 CCA Account Number: 9772030028 Service Delivery Point Bill Date: Jan 25, 2024 Billing Period: 12/27/23 - 1/25/	wing CCA: 888-382-0169 101660909772030750002 24 14081	Amount(§)
Your Electric energy is provided by the follow SAN DIEGO COMMUNITY POWER Phone: 1-4 CCA Account Number: 9772030028 Service Delivery Point Bill Date: Jan 25, 2024 Billing Period: 12/27/23 - 1/25/ Generation On-Peak Winter 155 kWh X \$0.7 Generation Off-Peak Winter 286 kWh X \$0.7	wing CCA: 888-382-0169 101660909772030750002 24 14081	Amount(§) 21.84
Your Electric energy is provided by the follow SAN DIEGO COMMUNITY POWER Phone: 1-4 CCA Account Number: 9772030028 Service Delivery Point Bill Date: Jan 25, 2024 Billing Period: 12/27/23 - 1/25/ Generation On-Peak Winter 155 kWh X \$0.7 Generation Off-Peak Winter 286 kWh X \$0.4	wing CCA: 888-382-0169 401660909772030750002 24 14081 05974	Amount(§) 21.84 17.09
Your Electric energy is provided by the follow SAN DIEGO COMMUNITY POWER Phone: 1-4 CCA Account Number: 9772030028 Service Delivery Point Bill Date: Jan 25, 2024 Billing Period: 12/27/23 - 1/25/ Generation On-Peak Winter 155 kWh X \$0. Generation Off-Peak Winter 286 kWh X \$0. Generation Super Off-Peak Winter 324 kWh	wing CCA: 888-382-0169 101000909772030750002 24 14081 05974 n X \$0.03622	<u>Amount(\$)</u> 21.84 17.09 11.72
Your Electric energy is provided by the follow SAN DIEGO COMMUNITY POWER Phone: 1-4 CCA Account Number: 9772030028 Service Delivery Point Bill Date: Jan 25, 2024 Billing Period: 12/27/23 - 1/25/ Generation On-Peak Winter 155 kWh X \$0.4 Generation Off-Peak Winter 286 kWh X \$0.4 Generation Super Off-Peak Winter 324 kWh State Surcharge Tax	wing CCA: 888-382-0169 101000909772030750002 24 14081 05974 n X \$0.03622	Amount(\$) 21.84 17.09 11.72 23
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Your Electric energy is provided by the follow SAN DIEGO COMMUNITY POWER Phone: 1-4 CCA Account Number: 9772030028 Service Delivery Point Bill Date: Jan 25, 2024 Billing Period: 12/27/23 - 1/25/ Generation On-Peak Winter 155 kWh X \$0.7 Generation Off-Peak Winter 286 kWh X \$0.7 Generation Super Off-Peak Winter 324 kWh State Surcharge Tax Total CCA Elect For more detail on your SDCP bill, please call us Your CCA rate is TOU-DR-1 - 2022 Vintage.	wing CCA: 888-382-0169 101050909772030750002 24 14081 05974 1 X \$0.03622 tric Generation Charges at 888-382-0169.	Amount(\$) 21.84 17.09 11.72 23 \$50.88

Remember from page 1 where it showed the Gas, Electric delivery and CCA electric generation for a total of \$403.62. Well, you can see the same thing here.

Don't forget that \$403.62 includes the gas. The electric portion of the bill is \$341.11 (290.23 + 50.88).

Your Electricity Dashboard Time of Use - Electricity Winter kWh On-Peak 156 Highest Usage Hour (Demand) this month: Off-Peak 286 Super Off-Peak 324 3.9 kW on January 13, 2024 from 7:00am to 8:00am Total 766 Summer June 1 - October 31 Winter November 1 - May 31 Demand is the highest amount of electricity used at a given TOU Period – Weekdays On-Peak 4:00 p.m. - 9:00 p.m. 4:00 p.m. - 9:00 p.m. 6:00 a.m. - 4:00 p.m. Excluding 10:00 a.m. - 2:00 p.m. in March and April; 9:00 p.m. - midnight 6:00 a.m. - 4:00 p.m.; 9:00 p.m. - midnight Off-Peak night - 6:00 a.m Super Off-Peak Midnight - 6:00 a.m. 10:00 a.m. - 2:00 p.m. in March a TOU Period – Weekends and Holidays Summer June 1 - October 31 Winter November 1 - May 31 On-Peak 4:00 p.m. - 9:00 p.m. 4:00 p.m. - 9:00 p.m. 2:00 p.m. - 4:00 p.m. 9:00 p.m. - midnight 2:00 p.m. - 4:00 p.m. 9:00 p.m. - midnight Off-Peak Super Off-Peak Midnight - 2:00 p.m. Midnight - 2:00 p.m.

Time of Use table shows the usage for the month on each time period.

Time of Use table shows the time periods.

Highest Usage Hour

point in time.

Subsection 3.5 – Exercise for How to Read a Bill

Hand out sample bills and have them explain the bills to each other. Start off with what is explained in the Close only. Then have them break down the other stuff that is not pertinent to the Close.



Page 2 of 6

Ways to contact us

Customer service numbers General Services (U.S. & Canada) Payments, Extensions or Payment Options **Emergency Services & Outages** California Alternate Rates for Energy (CARE) **Energy Theft Hotline** Hearing & Speech Impaired (TTY)

Relay calls accepted 1-800-655-4555 1-800-950-2356 1-800-611-1911 1-800-447-6620 1-800-227-3901 1-800-352-8580

Multicultural services

Cambodian / igi Chinese / 中文 Korean / 한국어 Vietnamese / Tiếng Việt Spanish / Español

1-800-843-1309 1-800-843-8343 1-800-628-3061 1-800-327-3031 1-800-441-2233

Request a large print bill 1-800-655-4555

Correspondence:

Southern California Edison P.O. Box 6400 Rancho Cucamonga, CA 91729-6400

www.sce.com

Important information

What are my options for paying my bill?

	.,					
On-line	Pay one-time or recurring on www.sce.com/bill					
Mail-in	Check or Money order					
In Person	Authorized payment locations	1-800-747-8908				
Phone	QuickCheck	1-800-950-2356				
	Debit & credit card *	1-800-254-4123				

Debit & credit card *Residential customers only

Electronic check processing

Your check payment will be processed as a one-time Electronic Fund Transfer (EFT). With EFTs, funds may be withdrawn from your account the day we receive your payment. Your check will not be returned, but will appear on your financial statement.

Rates and applicable rules: Available at www.sce.com or upon request. Past due bills

When is my bill past due? It is past due 20 days after the preparation date, which was 08/08/23.

- Reconnecting service that has been disconnected requires a Service Connection payment (non-residential only).
- · Unable to pay: If payment arrangements were not extended to you by SCE pursuant to SCE's filed tariffs, you may contact the California Public Utilities Commission
- For safety reasons, if service is disconnected, please ensure any sensitive or potentially hazardous equipment is unplugged on the day of reconnection. For additional home safety tips, visit www.sce.com/safety or call SCE at 1-800-655-4555.

What is the Late Payment Charge (LPC)?

0.6% will be applied to the total unpaid balance if payment is not received by the due date on this bill (except for CARE and state agency accounts).

What is a rotating outage?

Rotating outages are controlled electrical outages used to avoid widespread or uncontrolled blackouts. Your Rotating Outage Group number is located on page 1, upper left, of your SCE bill. Your rotating outage group number may change at any time. For more information, visit www.sce.com/rotating outage.

What is the Power Charge Indifference Adjustment (PCIA)?

The PCIA is a charge to ensure that both SCE customers and those who have left SCE service to purchase electricity from other providers pay for the above market costs for electric generation resources that were procured by SCE on their behalf. 'Above market' refers to the difference between what the utility pays for electric generation and current market prices for the sale of those resources.

Disputed bills

If you believe there is an error on your bill or have a question about your service, please call Southern California Edison (SCE) customer support at 1-800-655-4555. If you are not satisfied with SCE's response, submit a complaint to the California Public Utilities Commission (CPUC) at www.cpuc.ca.gov/ complaints/. The CPUC's Consumer Affairs Branch (CAB) handles billing and service complaints and can be reached by:

Telephone 1-800-649-7570 (8:30 AM - 4:30 PM, Monday - Friday)

If you have limitations hearing or speaking, contact the California Relay Service, which is for those needing assistance relaying telephone conversations. Dial 711 or one of the numbers below to be routed to a California Relay Service provider in your preferred mode of communication.

Type of Call	English	Spanish
TTY/VCO/HCO to Voice	1-800-735-2929	1-800-855-3000
Voice to TTY/VCO/HCO	1-800-735-2922	1-800-855-3000
Speech-to-Speech Relay	1-800-854-7784	1-800-854-7784

To avoid having service turned off while waiting for the outcome of a complaint to the CPUC regarding the accuracy of your bill, contact CAB for assistance. If your case meets the eligibility criteria, CAB will instruct you on how to mail a check or money order to be impounded pending resolution of your case. You must continue to pay your current charges while your complaint is reviewed to keep your service turned on.

Definitions

- · Baseline Credit: The baseline credit provides reduced electricity rates on electricity used up to the baseline allocation for the region that you live in.
- · CA Climate Credit: Credit from state effort to fight climate change. Applied monthly to eligible businesses and semi-annually to residents.
- Wildfire Fund Charge: Supports the California Wildfire Fund which covers costs associated with catastrophic wildfires, including payment of bonds issued by the California Department of Water Resources (DWR)
- · Public Purpose Programs Charge: Funds state-mandated programs for low income discounts, energy efficiency, renewable energy and R&D.
- SCE Generation: For recovering energy procurement and generation costs for that portion of your energy provided by SCE.

To change your contact information or enroll in SCE's payment option, complete the form below and return it in the enclosed envelope.

Change of m	ailing address: 700	0276265340)		Direct Payment
STREET#	STREET NAME			APARTMENT #	I hereby authorize S monthly payment fro
CITY			STATE	ZIP CODE	calendar days after r Signature
TELEPHONE #		E-MAIL AI	DDRESS		To change your cheo Payment program pl

(Automatic Debit) Enrollment: 700276265340 CE and my financial institution to automatically deduct my m the checking account as shown on my enclosed check, ten ny bill is mailed.

cking account information or to be removed from the Direct ease call SCE at 1-800-655-4555

Energy Assistance Fund (EAF): I want to help people pay their energy bill through EAF. For info visit www.sce.com/eaf or call (800) 205-8596. Add this amount for EAF \$ Select one box only and sign below for EAF:

Every Month	
WORLD	

One Month only

Date

CPUC, Consumer Affairs Branch, 505 Van Ness Ave., Room 2003, Mail San Francisco, CA 94102

🗈 3 of 6						
SOUTHERN CALIFORNIA EDISON An EDISON INTERNATIONAL® Company					H / Page 3 of 6	
		\$	Avg. cost		5 Total cost	_
On peak	170 kWh	x	\$0.73253	=	\$124.53	
Mid peak	67 kWh	х	\$0.54627	=	\$36.60	
Off peak	1402 kWh	х	\$0.36147	=	\$506.78	
	1639 kWh				\$667.91 Energy Charges	
Costs are rounded and include delive	ry and generation charge	es. Du	ıring		-\$20.42 Other credits/charges	
season or price changes, averages ar	re used. To view all charg	ges a	nd	_	\$647.49 Total	
credits and to calculate your bill, refer	to Details of your new	charg	ges.			

Your past and current electricity usage

from 07/10/23 to 08/07/23 For meter Total electricity you used this month in kWh

1,639

Your next billing cycle will end on or about 09/06/23.

Your daily average electricity usage (kWh)



Details of your new charges

Your rate: TOUD-5-8PM

Billing period: 07/10/23 to 08/07/23 (29 days)

Delivery charges - Cost to deliver your electricity

Basic charge	29 days x \$0.02400
Baseline credit	696 kWh x -\$0.09392
Energy-Summer	
On peak	170 kWh x \$0.28636
Mid peak	67 kWh x \$0.28636
Off peak	1,402 kWh x \$0.24739
Wildfire fund charge	1,639 kWh x \$0.00530

Generation charges - Cost to generate your electricity

SCE Energy-Summer On peak

Mid peak

Off peak

170	kWh	х	\$0.44617
67	kWh	х	\$0.25979
1,402	kWh	х	\$0.11408

Other charges or credits

(Continued on next page)

Your Delivery charges include:

• \$36.10 transmission charges

\$0.70

-\$65.37

\$48.68

\$19.19

\$346.84

\$17.41

\$8.69

- \$268.07 distribution charges
- \$0.14 nuclear decommissioning charges
- \$34.31 public purpose programs charge
- \$9.27 new system generation charge

Your Generation charges include:

- -\$0.05 competition transition charge • \$23.12 power charge indifference
- \$75.85 adjustment (PCIA) \$159.94

Your overall energy charges include:

• \$5.71 franchise fees

(Continued on next page)

Additional information:

Details of your new charges (continued)

Subtatal of your pow abargos		¢616 10	- Gervice vokage. 240 voks
Subtotal of your new charges		\$010.19	
Palm Springs UUT	\$616.19 x 5.00000%	\$30.81	
State tax	1,639 kWh x \$0.00030	\$0.49	
Your new charges		\$647.49	

Things you should know

Fixed Recovery Charge

SCE has been permitted to issue bonds that enable it to recover more quickly certain costs related to preventing and mitigating catastrophic wildfires. Your bill for electric service includes a Fixed Recovery Charge that has been approved by the CPUC to repay those bonds. The right to recover the Fixed Recovery Charge has been transferred to a separate entity (called the Special Purpose Entity) that issued the bonds and does not belong to SCE. SCE is collecting the Fixed Recovery Charge on behalf of the Special Purpose Entity.

Have you received a past due notice, or are you having difficulty paying your bill?

SCE halted collection activities and service disconnections for nonpayment in March 2020 because of the hardships caused by the COVID-19 pandemic. In October 2022, SCE resumed collection activities for residential customers, including service disconnections for nonpayment. Prior to disconnection, customers will receive a "final notice," which will include their payment due date and the past-due amount required to avoid a service disconnection. For more information on our credit and collection activities, visit sce.com/collections.

SCE recognizes some of our customers may still be facing challenges paying their bills. SCE offers customers a range of assistance options, including payment arrangements and extensions, one-time bill assistance from the Energy Assistance Fund, and debt forgiveness through the Arrearage Management Plan for qualified residential customers enrolled in the California Alternate Rates for Energy (CARE) or Family Electric Rate Assistance (FERA) programs. Additional information is available at sce.com/billhelp.

SOUTHERN CALIFORNIA

An EDISON INTERNATIONAL® Company

Customer Connection August 2023

Page 5 of 6

Please visit us at www.sce.com

Stay Safe Around Electricity: Metallic Balloon Safety

- Keep metallic balloons indoors. They should always be tied to a weight.
- Never release them outside. They can cause electrical outages if they touch wires.
- Never remove the weight. Puncture balloons before disposing of them.
- Stay away and call 911. Do not attempt to retrieve a balloon or kite tangled in wires.

Visit us at sce.com/staysafe for more safety tips. Stay aware. Stay safe.

Be Prepared for Outage Emergencies

If your home or business is located in an area designated as a Tier 2 or Tier 3 high fire risk zone, you may want to consider adding a power station or a portable generator to your emergency preparedness plans. These devices may provide backup power for your personal electronics such as a cell phone, computer, or other important household appliances such as refrigerators, lighting, garage door opener and medical devices which helps you to be more prepared for an outage or other emergency. Rebates are available for the purchase of qualifying products.

Watch our backup power educational videos, learn more about available solutions and apply for rebates in the SCE Marketplace at **sce.com/rebates**.

To learn more about the process and method the California Public Utilities Commission used to determine High Fire Threat District maps, visit:

cpuc.ca.gov/industries-and-topics/wildfires/fire -threat-maps-and-fire-safety-rulemaking

Budget Your Electricity Bill with the Budget Billing Plan (was Level Pay Plan)

Are your electric bills higher in the summer? Do these higher bills stretch your budget? Sign up for SCE's Budget Billing Plan (BBP), which allows you to spread high summer and/or winter bills over an entire year in eleven (11) equal monthly payments (on the 12th month, you will receive a settlement bill showing either a payment due or a credit balance).

To lean more visit sce.com/residential/assistance.

If you'd like to enroll, please call **1-800-434-2365**. BBP is based on eligibility and some restrictions may apply. Once enrolled, you must pay your bills monthly by the due date to remain eligible for the program.

Get Help If You Use Medical Equipment

If you or someone in your household requires the regular use of electrically powered medical equipment and devices, you may be eligible for our Medical Baseline Allowance Program (MBL). The program provides an additional allotment of 16.5-kilowatt hours (kWh) of electricity per day on your monthly bill. MBL can help offset the cost of operating the medical equipment and prioritizes your household to get critical alerts and notifications if outages occur, including Public Safety Power Shutoffs.

To learn more about eligibility requirements or if you have questions about medical equipment or criteria, visit **sce.com/mbl** or call **1-800-655-4555**. MBL application forms are available in various languages and in alternative formats, such as large print and braille upon request.

NOTE: We will evaluate the eligibility of the device on your application if it is not listed on **sce.com/mbl**. Medical devices used for therapy but not medically required for sustaining life do not qualify for this program.

* Includes Medical Doctor (MD), Doctor of Osteopathy (DO), Physician Assistant (PA) or Nurse Practitioner (NP).

Support for Customers Affected by a Major Disaster

If you or someone you know has been affected by a disaster for which a state of emergency has been declared, please visit

sce.com/disastersupport for information about consumer protections, programs and services SCE has available.

(continued on back)

August 2023 Page 6 of 6

Proposition 65 Warnings

WARNING: The Safe Drinking Water and Toxic Enforcement Act of 1986, commonly referred to as Proposition 65, requires the governor to publish a list of chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. It also requires California businesses to warn the public of potential exposures to these chemicals that result from their operations.

Providing safe and reliable service to all of our customers is a top priority for Southern California Edison and we want you to be aware of these chemicals so that you can reduce exposure to chemicals associated with electricity generation and distribution. We handle all equipment and materials at our sites carefully for your good health as well as ours. However, if you are at or near our facilities and work sites, you can be exposed to the following chemicals on the state's Proposition 65 list. Reduce, limit, or avoid activities at and near the sources of exposure described below. For more information go to:

www.P65Warnings.ca.gov

1. <u>Diesel Generation</u>: Diesel Exhaust: SCE uses diesel-fueled emergency generators during emergencies and other times to help minimize the interruption of our customers' supply of electricity. The generators are used at some SCE facilities like substations and service centers, and at locations where repairs are made to the electrical system. SCE also uses diesel as the primary fuel for electricity generation on Catalina Island and in many service vehicles used throughout our service territory. Diesel engines produce exhaust as a by-product of the combustion of diesel fuel. Breathing diesel engine exhaust exposes you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. You should avoid breathing diesel fumes whenever possible.

2. Wooden Utility Poles : SCE uses wooden poles that have been treated with chemical preservatives. These chemicals include pentachlorophenol, which is known to the State of California to cause cancer, and petroleum products such as diesel fuel, which contains chemicals including toluene and benzene that are known to the State of California to cause cancer and birth defects or other reproductive harm. If you come into contact with a wooden utility pole or the dust, debris, soil surrounding the pole, or water runoff that may contain dust, debris, and soil previously in contact with the pole, you could be exposed to these chemicals. Avoid contact with wooden utility poles and the dust, debris, soil surrounding the poles, or water runoff that may contain dust, debris, soil surrounding the poles, or water runoff that may contain dust, debris, and soil previously in contact with the poles.

3. <u>Painted Structures</u>: SCE utilizes metal and wood structures and equipment that may have been coated with paints containing chemicals, such as lead-based paint, that are known to the State of California to cause cancer and birth defects or other reproductive harm. When the paint on these on these structures deteriorates, flakes of paint can impact the soil adjacent to the structure. To avoid exposure, you should avoid contact with any paint flakes or soil near any structure with deteriorating paint.

Los usarios con acceso al Internet podran leer y descargar esta notificacion en espanol en el sitio Web de SCE: www.sce.com/avisos

Not Seeing Eye-to-Eye With Your Bill?

If you believe the amount you have been billed is incorrect, call the customer service phone number at the top of your bill to request an explanation. We will be glad to look into your concerns.

Just in Time for a Friendly Reminder

Many of us know someone who may have difficulty remembering to pay the electric bill on time. Whatever the circumstance, a free Friendly Reminder Notification might help prevent unnecessary disconnections* of a customer's electric service.

SCE customers can designate someone to be notified in the event their service is to be disconnected because of a past due bill. Designated persons are not responsible for paying the bill, but they can provide an extra reminder when the bill payment is due. To enroll an SCE customer, call **1-800-684-8123**, or for complete details, visit **sce.com/reminder**.

*A Friendly Reminder Notification does not stop electric service from being disconnected if the bill is not paid on time.

Safe Portable Generator Hook-Up

Connecting a portable generator to your home's electrical wiring is dangerous and can cause serious injuries or electrocution.

Do not hook up a generator directly to an electrical panel. The safe way is to plug the electrical equipment into a portable generator using a properly sized extension cord approved by Underwriters Laboratories (UL).

If your needs require a generator to be wired directly to your home's electrical system, California state law mandates that you notify us. We also recommend that you enlist the service of a qualified electrician to perform the task.

For additional safety information visit: sce.com/generator

Connect With Us

Get energy-saving tips, safety and outage updates, and much more.



www.facebook.com/sce



www.instagram.com/sce



🗊 2 of 6

/ Page 2 of 6

Request a large print bill 1-800-655-4555

Multicultural services

Relay calls accepted

1-800-655-4555

1-800-950-2356

1-800-611-1911

1-800-447-6620

1-800-227-3901

1-800-352-8580

Cambodian / 1g1 Chinese / 中文 Korean / 한국어 Vietnamese / Tiếng Việt Spanish / Español

1-800-843-1309 1-800-843-8343 1-800-628-3061 1-800-327-3031 1-800-441-2233 Correspondence: Southern California Edison P.O. Box 6400 Rancho Cucamonga, CA 91729-6400

www.sce.com

Important information

Payments, Extensions or Payment Options

California Alternate Rates for Energy (CARE)

Ways to contact us

Customer service numbers

Emergency Services & Outages

Hearing & Speech Impaired (TTY)

Energy Theft Hotline

General Services (U.S. & Canada)

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On-line	Pay one-time or recurring on www.sce.com/bill	
Mail-in	Check or Money order	
In Person	Authorized payment locations	1-800-747-8908
Phone	QuickCheck	1-800-950-2356
	Debit & credit card	1-833-425-1440
Other	PayPal, Venmo, Apple Pay and Go	ogle Pay

Electronic check processing

Your check payment will be processed as a one-time Electronic Fund Transfer (EFT). With EFTs, funds may be withdrawn from your account the day we receive your payment. Your check will not be returned, but will appear on your financial statement

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When is my bill past due? It is past due 20 days after the preparation date, which was 05/15/24.

- Reconnecting service that has been disconnected requires a Service Connection payment (non-residential only).
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0.6% will be applied to the total unpaid balance if payment is not received by the due date on this bill (except for CARE and state agency accounts).

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Rotating outages are controlled electrical outages used to avoid widespread or uncontrolled blackouts. Your Rotating Outage Group number is located on page 1, upper left, of your SCE bill. Your rotating outage group number may change at any time. For more information, visit www.sce.com/rotating outage.

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The PCIA is a charge to ensure that both SCE customers and those who have left SCE service to purchase electricity from other providers pay for the above market costs for electric generation resources that were procured by SCE on their behalf. 'Above market' refers to the difference between what the utility pays for electric generation and current market prices for the sale of those resources.

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Telephone 1-800-649-7570 (8:30 AM - 4:30 PM, Monday - Friday) CPUC, Consumer Affairs Branch, 505 Van Ness Ave., Room 2003, Mail San Francisco, CA 94102

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- Public Purpose Programs Charge: Funds state-mandated programs for low income discounts, energy efficiency, renewable energy and R&D.
- SCE Generation: For recovering energy procurement and generation costs for that portion of your energy provided by SCE.

To change your contact information or enroll in SCE's payment option, complete the form below and return it in the enclosed envelope.

Change of mailing address: 700 STREET NAME APARTMENT # STREET# CITY STATE ZIP CODE TELEPHONE # E-MAIL ADDRESS

Direct Payment (Automatic Debit) Enrollment: 700418998719 I hereby authorize SCE and my financial institution to automatically deduct my monthly payment from the checking account as shown on my enclosed check, ten calendar days after my bill is mailed.

Date

aturo		
lature	 	

To change your checking account information or to be removed from the Direct Payment program please call SCE at 1-800-655-4555

Energy Assistance Fund (EAF): I want to help people pay their energy bill through EAF. For info visit www.sce.com/eaf or call (800) 205-8596.

Sigr

Select one box only and sign below for EAF:

Every Month	

Add this amount for EAF \$			Select one box
Ever Mon	y	One Month only	





'24

Details of your new charges

Your rate: DOMESTIC Billing period: 04/16/24 to 05/14/24 (29 days)

Delivery charges - Cost to deliver your electricity

	,
Basic charge	29 days x \$0.03100
Energy-Winter	-
Tier 1 (100% of baseline)	281 kWh x \$0.18468
Tier 2 (101% to 400%)	204 kWh x \$0.28216
Wildfire fund charge	485 kWh x \$0.00561

Generation charges - Cost to generate your electricity SCE **Energy-Winter** Tier 1 (100% of baseline) 281 kWh x \$0.14921 Tier 2 (101% to 400%) 204 kWh x \$0.14921

Other charges or credits		
Fixed recovery charge	485 kWh x \$0.00188	\$0.91
Subtotal of your new charges		\$186.36
Desert Hot Springs UUT	\$186.36 x 7.00000%	\$13.05
State tax	485 kWh x \$0.00030	\$0.15
Your new charges		\$199.56

Your Delivery charges include:

• \$8.09 transmission charges

\$0.90

\$30.44

- \$83.48 distribution charges
- \$51.90 • \$0.04 nuclear decommissioning \$57.56 charges \$2.72
 - \$2.30 conservation incentive adjustment
 - \$10.53 public purpose programs charge
- \$5.44 new system generation charge \$41.93

Your Generation charges include:

- -\$0.19 competition transition charge
- -\$1.90 power charge indifference adjustment (PCIA)

Your overall energy charges include: • \$1.73 franchise fees

Additional information:

- Service voltage: 240 volts
- Your winter baseline allowance: 281.0 kWh
- High Usage Charge applies to all usage above 400% of baseline allowance.

] 4 of 6		/ Page	4 of 6
Your Total Usage: 485 kWh	Tier 1	Tier 2	High Usage Charge
Understanding Your Bill Your usage for the billing period falls into Tier 2 . For most customers, the	281 kWh	204 kWh	0 kWh
price you pay increases as you use more energy. The average cost per	\$0.33/kWh	\$0.43/kWh	\$0.43/kWh
kilowatt (kWh) in the chart to the right is based on averages. Actual prices may vary.	Your Total Usage 485 kWh		
	High L	Jsage Charge - Learn more at on.sce	.com/highuse

Things you should know

Fixed Recovery Charge

SCE has been permitted to issue bonds that enable it to recover more quickly certain costs related to preventing and mitigating catastrophic wildfires. Your bill for electric service includes a Fixed Recovery Charge that has been approved by the CPUC to repay those bonds. The right to recover the Fixed Recovery Charge has been transferred to a separate entity (called the Special Purpose Entity) that issued the bonds and does not belong to SCE. SCE is collecting the Fixed Recovery Charge on behalf of the Special Purpose Entity.

California Climate Credit Rollover Information

Your electricity bill for this month may reflect a credit amount. This may be due in part to the California Climate Credit included in the "Delivery charges" section of your April 2024 electricity bill.



25

Para más información en cómo este cambio impactará su factura, llame al 1-800-441-2233 o visite www.sce.com/avisos todos los días.

NOTICE OF APPLICATION Southern California Edison Company's Request to Increase Electric Rates APPLICATION A.24-04-005

Why am I receiving this notice?

On April 5, 2024, Southern California Edison Company (SCE) filed its Wildfire Mitigation, Vegetation Management, Catastrophic Events, and Wildfire Liability Insurance (WMCE) Application with the California Public Utilities Commission (CPUC) requesting authorization to recover recorded costs that are in addition to the amounts already authorized by the CPUC and already included in current customer rates. SCE's application requests CPUC approval for an initial revenue increase of \$326.337 million. If the CPUC approves this application, SCE will recover this amount in electric distribution rates over a one-year period beginning in mid-2025.

Why is SCE requesting this rate increase?

- In 2023, SCE completed necessary work to implement its Wildfire Mitigation Plan and execute other important wildfire mitigation activities.
- In 2023, SCE completed substantial vegetation management work to mitigate wildfire risks related to vegetation contact with electric facilities, comply with required laws and regulations, and promote service reliability.
- In 2019-2023, SCE completed significant work in the Wildfire Covered Conductor Program to replace bare overhead conductors in high fire areas and related work. This will reduce wildfire risk and increase thresholds for potential Public Safety Power Shutoff events.
- SCE responded to 10 government-declared disasters that occurred in 2020-2022 to restore utility service to its customers; repaired, replaced, or restored damaged utility facilities; and complied with governmental agency orders.
- In 2019-2020, SCE incurred incremental wildfire liability insurance premiums.

How could this affect my monthly electric rates?

If SCE's rate request is approved by the CPUC, the average non-CARE residential monthly bill using 500 kWh per month would increase by approximately \$2.77 or 1.5% per month in mid-2025. The average CARE residential monthly bill with the same monthly usage would increase by approximately \$1.87 or 1.5% per month in mid-2025.

Bill Impact Table				
Bundled Average Rates (¢/kWh)				
Customer Group	Current Rates	Proposed Change	Proposed Rates	% Change
Residential	33.8	0.52	34.3	1.6%
Lighting - Small and Medium Power	30.1	0.45	30.5	1.5%
Large Power	20.5	0.31	20.8	1.5%
Agricultural and Pumping	24.0	0.38	24.4	1.6%
Street and Area Lighting	36.5	0.41	36.9	1.1%
Standby	17.0	0.08	17.1	0.5%
Total	28.5	0.43	28.9	1.5%

Residential Bill Impact (\$/Month)				
Description	Current	Proposed Increase	Proposed	%Increase
Non-CARE residential bill	\$180.40	\$2.77	\$183.17	1.5%
CARE residential bill	\$122.12	\$1.87	\$124.00	1.5%

How does the rest of this process work?

This application will be assigned to a CPUC Administrative Law Judge (ALJ) who will consider proposals and evidence presented during the formal hearing process. The ALJ will issue a proposed decision that may adopt SCE's Application, modify it, or deny it. Any CPUC Commissioner may sponsor an alternate decision with a different outcome. The proposed decision, and any alternate decisions, will be discussed and voted upon by the CPUC Commissioners at a public CPUC Voting Meeting.

Parties to the proceeding may review SCE's Application, including the Public Advocates Office. The Public Advocates Office is an independent consumer advocate within the CPUC that represents customers to obtain the lowest possible rate for service consistent with reliable and safe service levels. For more information about the Public Advocates Office, please call **1-415-703-1584**, email PublicAdvocatesOffice@cpuc.ca.gov or visit www.publicadvocates.cpuc.ca.gov.

Where can I get more information? Contact SCE

Phone: 1-800-655-4555 Email: case.admin@sce.com Mail: Case Administration Southern California Edison Company A.24-04-005 - WMCE Application P.O. Box 800 Rosemead, CA 91770

The application and any related documents may also be reviewed at www.sce.com/applications.

Contact CPUC

Please visit **apps.cpuc.ca.gov/c/A2404005** to submit a comment about this proceeding on the CPUC Docket Card. Here you can also view documents and other public comments related to this proceeding.

Your participation by providing your thoughts on SCE's request can help the CPUC make an informed decision.

If you have questions about CPUC processes, you may contact the CPUC's Public Advisor's Office at: Email: **Public.Advisor@cpuc.ca.gov**

Phone: **1-866-849-8390** (toll-free) or **1-415-703-2074** Mail: CPUC Public Advisor's Office 505 Van Ness Avenue San Francisco, CA 94102

Please reference SCE's **WMCE Application A.24-04-005** in any communications you have with the CPUC regarding this matter.



2 of 8

Ways to contact us

Customer service numbers General Services (U.S. & Canada) Payments, Extensions or Payment Options Emergency Services & Outages California Alternate Rates for Energy (CARE) Energy Theft Hotline Hearing & Speech Impaired (TTY)

Relay calls accepted 1-800-655-4555 1-800-950-2356 1-800-611-1911 1-800-447-6620 1-800-227-3901 1-800-352-8580

Request a large print bill 1-800-655-4555

Multicultural services Cambodian / ខ្មែរ Chinese / 中文 Korean / 한국어 Vietnamese / Tiếng Việt Spanish / Español

1-800-843-1309 1-800-843-8343 1-800-628-3061 1-800-327-3031 1-800-441-2233

/ Page 2 of 8

Correspondence:

Southern California Edison P.O. Box 6400 Rancho Cucamonga, CA 91729-6400

www.sce.com

Important information

What are my options for paying my bill?

On-line	Pay one-time or recurring on www.sce.com/bill		
Mail-in	Check or Money order		
In Person	Authorized payment locations	1-800-747-8908	
Phone	QuickCheck	1-800-950-2356	
	Debit & credit card	1-833-425-1440	
Other	PayPal, Venmo, Apple Pay and Ge	oogle Pay	

Electronic check processing

Your check payment will be processed as a one-time Electronic Fund Transfer (EFT). With EFTs, funds may be withdrawn from your account the day we receive your payment. Your check will not be returned, but will appear on your financial statement.

Rates and applicable rules: Available at www.sce.com or upon request. Past due bills

When is my bill past due? It is past due 20 days after the preparation date, which was 05/02/24.

- · Reconnecting service that has been disconnected requires a Service Connection payment (non-residential only).
- · Unable to pay: If payment arrangements were not extended to you by SCE pursuant to SCE's filed tariffs, you may contact the California Public Utilities . Commission.
- · For safety reasons, if service is disconnected, please ensure any sensitive or potentially hazardous equipment is unplugged on the day of reconnection. For additional home safety tips, visit www.sce.com/safety or call SCE at 1-800-655-4555.

What is the Late Payment Charge (LPC)?

0.6% will be applied to the total unpaid balance if payment is not received by the due date on this bill (except for CARE and state agency accounts).

What is a rotating outage?

Rotating outages are controlled electrical outages used to avoid widespread or uncontrolled blackouts. Your Rotating Outage Group number is located on page 1, upper left, of your SCE bill. Your rotating outage group number may change at any time. For more information, visit www.sce.com/rotating outage.

What is the Power Charge Indifference Adjustment (PCIA)? The PCIA is a charge to ensure that both SCE customers and those who have left SCE service to purchase electricity from other providers pay for the above market costs for electric generation resources that were procured by SCE on their behalf. 'Above market' refers to the difference between what the utility pays for electric generation and current market prices for the sale of those resources.

Disputed bills

If you believe there is an error on your bill or have a question about your service, please call Southern California Edison (SCE) customer support at 1-800-655-4555 If you are not satisfied with SCE's response, submit a complaint to the California Public Utilities Commission (CPUC) at www.cpuc.ca.gov/ complaints/. The CPUC's Consumer Affairs Branch (CAB) handles billing and service complaints and can be reached by:

Telephone 1-800-649-7570 (8:30 AM - 4:30 PM, Monday - Friday)

Mail CPUC, Consumer Affairs Branch, 505 Van Ness Ave., Room 2003, San Francisco, CA 94102

If you have limitations hearing or speaking, contact the California Relay Service, which is for those needing assistance relaying telephone conversations. Dial 711 or one of the numbers below to be routed to a California Relay Service provider in your preferred mode of communication.

Type of Call	English	Spanish
TTY/VCO/HCO to Voice	1-800-735-2929	1-800-855-3000
Voice to TTY/VCO/HCO	1-800-735-2922	1-800-855-3000
Speech-to-Speech Relay	1-800-854-7784	1-800-854-7784

To avoid having service turned off while waiting for the outcome of a complaint to the CPUC regarding the accuracy of your bill, contact CAB for assistance. If your case meets the eligibility criteria, CAB will instruct you on how to mail a check or money order to be impounded pending resolution of your case. You must continue to pay your current charges while your complaint is reviewed to keep your service turned on.

Definitions

- · Baseline Credit: The baseline credit provides reduced electricity rates on electricity used up to the baseline allocation for the region that you live in.
- CA Climate Credit: Credit from state effort to fight climate change. Applied monthly to eligible businesses and semi-annually to residents.
- Wildfire Fund Charge: Supports the California Wildfire Fund which covers costs associated with catastrophic wildfires, including payment of bonds issued by the California Department of Water Resources (DWR)
- · Public Purpose Programs Charge: Funds state-mandated programs for low income discounts, energy efficiency, renewable energy and R&D
- SCE Generation: For recovering energy procurement and generation costs for that portion of your energy provided by SCE.

To change your contact information, complete the form below and return it to SCE

Change of mailing address:

STREET#	STREET NAME			APARTMENT #
CITY			STATE	ZIP CODE
TELEPHONE #		E-MAIL AD	DRESS	

One Month

only

Energy Assistance Fund (EAF): I want to help people pay their energy bill through EAF. For info visit www.sce.com/eaf or call (800) 205-8596.

Add th	his amount for EAF	\$
	Every	

Select one box only and sign below for EAF:

28

SOUTHERN CALIFORNIA EDISON®	Go paperless at w	ww.sce.com/ebillin	g. It's fast, easy and secure
EDISON INTERNATIONAL® Company			/ Page 3 of 8
Your daily average electricity usage 2 Years ago: 13.63 Last year: 17	ge (kWh) 2.72 This year: 15.10 Oct Nov Dec Jan Feb Mar A Oct Nov Dec Jan Feb Mar A 23 23 23 24 24 24 24 24 Arges ays) electricity 29 days x \$0.03100 281 kWh x \$0.18468 157 kWh x \$0.28216 438 kWh x \$0.00561 your electricity 281 kWh x \$0.14921 157 kWh x \$0.14921 157 kWh x \$0.14921 438 kWh x \$0.00188 438 kWh x \$0.00030	pr May 24 24 \$0.90 \$51.90 \$44.30 \$2.46 \$41.93 \$23.43 \$23.43 \$0.82 \$165.74 \$0.13 \$165.87	 Your Delivery charges include: \$7.31 transmission charges \$75.44 distribution charges \$0.04 nuclear decommissioning charges \$0.54 conservation incentive adjustment \$9.51 public purpose programs charge \$4.90 new system generation charges includ \$9.17 competition transition charges includ \$0.17 competition transition charges includ \$0.17 competition transition charges includ \$1.71 power charge indifference adjustment (PCIA) Your overall energy charges inc \$1.53 franchise fees Additional information: Service voltage: 240 volts Your winter baseline allowance: 4Wh High Usage Charge applies to all usage above 400% of baseline allowance.
Understanding Your Bill	281 kWh	Lier 2 157 kWb	High Usage Ch
Your usage for the billing period falls into Tier 2 . For most customers, the			
price you pay increases as you use more energy. The average cost per	\$0.33/kWh	\$0.43/kWh	\$0.43/kWh
kilowatt (kWh) in the chart to the right is based on averages. Actual prices may vary.		Your Total Usag 438 kWh	le
into Tier 2 . For most customers, the price you pay increases as you use more energy. The average cost per kilowatt (kWh) in the chart to the right is based on averages. Actual prices may vary.	\$0.33/kWh High Usa	\$0.43/kWh Your Total Usag 438 kWh ge Charge - Learn more a	\$0.43/k

/ Page 4 of 8

Things you should know

Fixed Recovery Charge

SCE has been permitted to issue bonds that enable it to recover more quickly certain costs related to preventing and mitigating catastrophic wildfires. Your bill for electric service includes a Fixed Recovery Charge that has been approved by the CPUC to repay those bonds. The right to recover the Fixed Recovery Charge has been transferred to a separate entity (called the Special Purpose Entity) that issued the bonds and does not belong to SCE. SCE is collecting the Fixed Recovery Charge on behalf of the Special Purpose Entity.

California Climate Credit Rollover Information

Your electricity bill for this month may reflect a credit amount. This may be due in part to the California Climate Credit included in the "Delivery charges" section of your April 2024 electricity bill.

5 of 8

31

Para más información en cómo este cambio impactará su factura, llame al 1-800-798-5723.

NOTICE OF APPLICATION Southern California Edison Company's Request to Change Electric Rates Application A.24-03-019

Why am I receiving this notice?

On March 29, 2024, Southern California Edison (SCE) filed its General Rate Case (GRC) Phase 2 Application (A.24-03-019). In this application, SCE is proposing to adopt rates that more accurately reflect what it costs to serve each customer class. This results in rates increasing for some customer classes and decreasing for other customer classes; no new costs are being proposed in this Phase 2 Application.

If the CPUC approves this application, SCE will recover forecasted costs in electric rates over a 4-year period beginning approximately in the first quarter of 2026. This will impact your monthly bill.

Why is SCE requesting this rate revision?

In the second phase of the General Rate Case, rates are designed by dividing approved electric costs among each customer class (residential, commercial, etc.). There are no new costs proposed in this Phase 2 application. This application will redesign rates by incorporating rate changes from other SCE proceedings including SCE's Phase 1 General Rate Case and would be phased in over four years.

How could this affect my monthly electric rates?

If SCE's rate request is approved by the CPUC, the average residential non-CARE monthly bill using 500 kWh per month would increase by approximately \$14.22 or 8.1% per month.

Customer Classification	Average Rates as of October 2023 (cents/kWh)	Proposed Average Rates (cents/kWh)	Average Rate Change (cents/kWh)	Percentage Rate Change (% Increase)
Residential	32.6	35.2	2.6	8.0%
Lighting - Small and Medium Power	29.3	26.3	(3.0)	-10.4%
Large Power	20.6	20.9	0.3	1.7%
Agriculture	23.6	23.5	(0.1)	-0.4%
Street Lighting	30.5	44.5	14.0	45.7%
Standby	17.9	18.7	0.8	4.7%
Total	27.7	27.7	0.0	0.1%

Proposed Electric Rates¹

How does the rest of this process work?

This application will be assigned to a CPUC Administrative Law Judge who will consider proposals and evidence presented during the formal hearing process. The Administrative Law Judge will issue a proposed decision that may adopt SCE's application, modify it, or deny it. Any CPUC Commissioner may sponsor an alternate decision with a different outcome. The proposed decision, and any alternate

¹ October 1, 2023 rates with 2025 sales forecast.

Page 6 of 8

decisions, will be discussed and voted upon by the CPUC Commissioners at a public CPUC Voting Meeting.

Parties to the proceeding are currently reviewing SCE's application, including the Public Advocates Office, which is an independent consumer advocate within the CPUC that represents customers to obtain the lowest possible rate for service consistent with reliable and safe service levels. For more information regarding the Public Advocates Office, please call **1-415-703-1584**, email PublicAdvocatesOffice@cpuc.ca.gov, or visit www.PublicAdvocates.cpuc.ca.gov.

Where can I get more information? Contact SCE:

Phone: **1-800-655-4555** or **1-626-302-8146** Email: <u>scegrc@sce.com</u> Mail: Southern California Edison Company Attention: Case Administration A.24-03-019 - GRC, Phase 2 P.O. Box 800 Rosemead, CA 91770

A copy of the Application and any related documents may also be reviewed at **www.sce.com/applications**.

Contact CPUC

Please visit **apps.cpuc.ca.gov/c/A2403019** to submit a comment about this proceeding on the CPUC Docket Card. Here you can also view documents and other public comments related to this proceeding.

Your participation by providing your thoughts on SCE's request can help the CPUC make an informed decision.

If you have questions about CPUC processes, you may contact the CPUC's Public Advisor's Office at: Phone: **1-866-849-8390** (toll-free) or **1-415-703-2074**

- Email: Public.Advisor@cpuc.ca.gov
- Mail: CPUC Public Advisor's Office 505 Van Ness Avenue San Francisco, CA 94102

Please reference **SCE's Application A.24-03-019** in any communications you have with the CPUC regarding this matter.

🗄 7 of 8

Page 7 of 8

Para más información en cómo este cambio impactará su factura, llame al 1-800-441-2233 o visite www.sce.com/avisos todos los días.

NOTICE OF APPLICATION Southern California Edison Company's Request to Increase Electric Rates APPLICATION A.24-04-005

Why am I receiving this notice?

On April 5, 2024, Southern California Edison Company (SCE) filed its Wildfire Mitigation, Vegetation Management, Catastrophic Events, and Wildfire Liability Insurance (WMCE) Application with the California Public Utilities Commission (CPUC) requesting authorization to recover recorded costs that are in addition to the amounts already authorized by the CPUC and already included in current customer rates. SCE's application requests CPUC approval for an initial revenue increase of \$326.337 million. If the CPUC approves this application, SCE will recover this amount in electric distribution rates over a one-year period beginning in mid-2025.

Why is SCE requesting this rate increase?

- In 2023, SCE completed necessary work to implement its Wildfire Mitigation Plan and execute other important wildfire mitigation activities.
- In 2023, SCE completed substantial vegetation management work to mitigate wildfire risks related to vegetation contact with electric facilities, comply with required laws and regulations, and promote service reliability.
- In 2019-2023, SCE completed significant work in the Wildfire Covered Conductor Program to replace bare overhead conductors in high fire areas and related work. This will reduce wildfire risk and increase thresholds for potential Public Safety Power Shutoff events.
- SCE responded to 10 government-declared disasters that occurred in 2020-2022 to restore utility service to its customers; repaired, replaced, or restored damaged utility facilities; and complied with governmental agency orders.
- In 2019-2020, SCE incurred incremental wildfire liability insurance premiums.

How could this affect my monthly electric rates?

If SCE's rate request is approved by the CPUC, the average non-CARE residential monthly bill using 500 kWh per month would increase by approximately \$2.77 or 1.5% per month in mid-2025. The average CARE residential monthly bill with the same monthly usage would increase by approximately \$1.87 or 1.5% per month in mid-2025.

Bill Impact Table

	Dinimpuotitui			
Bundled Average Rates (¢/kWh)				
Customer Group	Current Rates	Proposed Change	Proposed Rates	% Change
Residential	33.8	0.52	34.3	1.6%
Lighting - Small and Medium Power	30.1	0.45	30.5	1.5%
Large Power	20.5	0.31	20.8	1.5%
Agricultural and Pumping	24.0	0.38	24.4	1.6%
Street and Area Lighting	36.5	0.41	36.9	1.1%
Standby	17.0	0.08	17.1	0.5%
Total	28.5	0.43	28.9	1.5%

Residential Bill Impact (\$/Month)				
Description	Current	Proposed Increase	Proposed	%Increase
Non-CARE residential bill	\$180.40	\$2.77	\$183.17	1.5%
CARE residential bill	\$122.12	\$1.87	\$124.00	1.5%

Page 8 of 8

How does the rest of this process work?

This application will be assigned to a CPUC Administrative Law Judge (ALJ) who will consider proposals and evidence presented during the formal hearing process. The ALJ will issue a proposed decision that may adopt SCE's Application, modify it, or deny it. Any CPUC Commissioner may sponsor an alternate decision with a different outcome. The proposed decision, and any alternate decisions, will be discussed and voted upon by the CPUC Commissioners at a public CPUC Voting Meeting.

Parties to the proceeding may review SCE's Application, including the Public Advocates Office. The Public Advocates Office is an independent consumer advocate within the CPUC that represents customers to obtain the lowest possible rate for service consistent with reliable and safe service levels. For more information about the Public Advocates Office, please call **1-415-703-1584**, email PublicAdvocatesOffice@cpuc.ca.gov or visit **www.publicadvocates.cpuc.ca.gov**.

Where can I get more information? Contact SCE

Phone: 1-800-655-4555 Email: case.admin@sce.com Mail: Case Administration Southern California Edison Company A.24-04-005 - WMCE Application P.O. Box 800 Rosemead, CA 91770

The application and any related documents may also be reviewed at www.sce.com/applications.

Contact CPUC

Please visit **apps.cpuc.ca.gov/c/A2404005** to submit a comment about this proceeding on the CPUC Docket Card. Here you can also view documents and other public comments related to this proceeding.

Your participation by providing your thoughts on SCE's request can help the CPUC make an informed decision.

If you have questions about CPUC processes, you may contact the CPUC's Public Advisor's Office at:

Email: Public.Advisor@cpuc.ca.gov

Phone: **1-866-849-8390** (toll-free) or **1-415-703-2074** Mail: CPUC Public Advisor's Office

505 Van Ness Avenue San Francisco, CA 94102

Please reference SCE's **WMCE Application A.24-04-005** in any communications you have with the CPUC regarding this matter.



app. Download from the App Store or Google Play.

heater pilots. Learn more at sdge.com/GasCheck.

You are currently receiving the CARE discount

Summary of Current Charges

Billing Period

Account Summary

Previous Balance

Current Charges

Electric Delivery

CCA Electric Generation

SERVICE ADDRESS:

Total Charges this Month

Gas

Payment Received

Total Amount Due

for Terms & Conditions, visit www.sdge.com/AMP or call us at 1-800-411-7343.

1/16/24

Dec 22, 2023 - Jan 23, 2024 41 Therms

Dec 22, 2023 - Jan 23, 2024 758 kWh

PLEASE KEEP THIS PORTION FOR YOUR RECORDS. (FAVOR DE GUARDAR ESTA PARTE PARA SUS REGISTROS.) PLEASE RETURN THIS PORTION WITH YOUR PAYMENT. (FAVOR DE DEVOLVER ESTA PARTE CON SU PAGO.)

THANK YOU

Save Paper &

Postage

PAY ONLINE sdae.com

Usage

ACCOUNT NUMBER 005 SERVICE FOR





Regulatory Notices

already contracted to serve them.

ACCOUNT NUMBER 005 2 AMOUNT DUE \$285.20

Vour electric energy is provided by SAN DIEGO COMMUNITY POWER.

If you have any questions about the Community Choice Aggregation (CCA)

All customers are required to pay a Competition Transition Charge as part of the charges above,

Power Charge Indifference Adjustment (PCIA) comprises the above market cost of the Utility's

existing procurement portfolio and is calculated annually. This is a cost that is ultimately borne by

all customers. The PCIA bill line item ensures that customers pay their share of generation costs

charges on your bill, please contact your CCA at 1-888-382-0169.

including those who choose an electric service provider other than SDG&E.

DATE MAILED Jan 31, 2024 sdge.com

Page 2 of 8

Important Phone Numbers

1-800-411-SDGE (7343) English 1-800-311-SDGE (7343) Español 1-877-889-SDGE (7343) TTY

M-F, 7am-8pm, Sat, 7am-6pm

For emergencies and to report outages, please call 24 hours a day,

To locate underground cables & gas pipes, please call DigAlert, Monday-Friday, 6am-7pm. 8-1-1

To make a payment using your credit or debit card via a third party

Payment Options \$ Please visit sdge.com/pay-my-bill for more ways to pay your bill.



Online Bill Pay:

Register to make a secure payment now or schedule your payment at sdge.com/myac



Mobile:

SDG&E's no-cost app for your mobile device gives you more ways to connect with us. Visit sdge.com/mobileapp to download.

Need help paying your bill?

For payment options or to make payment arrangements, visit sdge.com/assistance or call 1-800-411-7343.



Credit/Debit:





To find the nearest location and hours of operation, visit dge.com/loca



By Mail: Mail your check or money order, along with the payment stub at the bottom of your bill, in the enclosed envelope to SDG&E, PO Box 25111, Santa Ana, CA 92799-5111.



ACCOUNT NUMBER 2 AMOUNT DUE \$285.20

DATE MAILED Jan 31, 2024 sdge.com

Page 3 of 8

Detail of Current Charges Gas Service

Rate: GRLI-R	esidential			Bas	seline Allowa	nce:	41 Therr	ns			
Meter Number:			(Next	schedule	d read dat	e F	eb 22, 20	024)		Cycle:	16
Billing Period		Days	Current Reading -	Previous Reading :	= Difference	х	Meter Constant	x	Therm Multiplier	= Total Therm	IS
12/22/23 - 0	1/23/24	33	1873	1833	40		1.000		1.020		41
GAS CHAI	RGES ervice Rat	e Char	nge This Billi	ng Period	ł:					Amou	<u>int(\$)</u>
There was a were at Rate	a rate chan e 1, and th	ige on e rema	day 11 of you aining 23 days	r Billing Po s were at F	eriod. The Rate 2.	refo	ore, your	char	ges for t	the first 10 d	lays
Gas Servic	e (Detail	s belo	w)		12 The	rm	S				
	Baseline										
Therms used	12										
Rate/Therm	\$1.55928										
10 of 33 Days	\$18.71								=		18.71
Gas Service (Details below) 29 Therms											
	Baseline										
Therms used	29										
Rate/Therm	\$1.54808										
23 of 33 Days	\$44.89								=		44.89

Gas Energy Rate Change This Billing Period: There was a rate change on day 11 of your Billing Period. Therefore, your charges for the first 10 days were at Rate 1, and the remaining 23 days were at Rate 2.

Gas Energy Charge (Details below) 12 Therms Usage Therms used 12 Rate/Therm \$.55902 10 of 33 Days \$6.71 6.71 Gas Energy Charge (Details below) 29 Therms Usage Therms used 29 \$.49370 Rate/Therm 23 of 33 Days \$14.32 14.32 California Solar Initiative Credit -.02 **Residential CARE Discount** -16.92

> **Total Gas Charges** \$67.69 (Continued on next page)

Breakdown of Current Charges



*Credits are not shown on the chart The total current charges include the following components. Definitions for these terms are shown on page 8 of your bill.

Sas Charges	
Gas Service	\$67.69
(*) Other Charges & Credits	(Gas)
Public Purpose Programs Other	\$1.83 \$.07
Electric Charges	••••
Transmission	\$47.02
Distribution	-\$9.07
Nuclear Decommissioning	\$.05
Competition Transition Charge	\$.62
Local Generation Charge	\$16.99
Total Rate Adj. Comp.	\$70.60
🛞 Other Charges & Credits	(Electric)
Public Purpose Programs	\$13.98
PCIA	\$21.53
Other	\$1.58
CCA Electric Generation	Charges
Total CCA Electric Generation	\$52.31
Total Current Charges	\$285.20



ACCOUNT NUMBER 02 AMOUNT DUE \$285.20

Page 4 of 8

TAXES &	FEES ON GAS	CHARGES		Amount/9		
Public Purp	ose Programs		12 Therms x \$.044620			
Public Purp	ose Programs		29 Therms x \$.044450			
State Regu	ate Regulatory Fee 12 Therms x \$.0030			.04		
State Regulatory Fee 29 Therms x \$			29 Therms x \$.001000	.0.		
		Total Tax	es & Fees on Gas Charges	\$1.90		
			Total Gas Service	\$69.59		
Electric	c Service					
Rate: Time o	of Use - TOU-DR1-I	Residential CI	imate Zone: Inland			
Baseline Allow	ance: 317 kWh					
Billing Period:	12/22/23 - 1/23/24	Total Days: 33				
Meter Number:	: 0	(Next schedule	(Next scheduled read date Feb 22, 2024)			
Meter Constan	t: 1.000	Billing Voltage Lev	Billing Voltage Level: Secondary			
Circuit: 0094	Your circuit	is currently not subje	ected to rotating outage.			
	However, th	is is subject to chang	ge without notice.			
Total Usage: 7	58	(Usage based	on interval data)			
ELECTRI	C CHARGES			Amount(\$)		
Electricity	Delivery (Details	below) 18	34 kWh	Anount(e)		
WINTER USAGE	On-Peak	Off-Peak	Super Off-Peak			
kWh used	49	72	63			
	\$.43739	\$.43739	\$.43739			
Rate/kWh		\$21.40	+ \$27.56 =	80.48		
Rate/kWh 10 Days Charg	e \$21.43	+ \$31.49				
Rate/kWh 10 Days Charg Electricity	e <u>\$21.43</u> Delivery <i>(Details</i>	below) 57	74 kWh			
Rate/kWh 10 Days Charg Electricity <i>WINTER USAGE</i>	e \$21.43 Delivery <i>(Details</i> <u>On-Peak</u>	below) 57 Off-Peak	74 kWh Super Off-Peak			
Rate/kWh 10 Days Charg Electricity <i>WINTER USAGE</i> kWh used	e \$21.43 Delivery <i>(Details</i> <u>On-Peak</u> 113	+ \$31.49 below) 57 Off-Peak 251	74 kWh Super Off-Peak 210			
Rate/kWh 10 Days Charg Electricity <i>WINTER USAGE</i> kWh used Rate/kWh	e \$21.43 Delivery <i>(Details</i> <u>On-Peak</u> 113 \$.38560	below) 57 0ff-Peak 251 \$.38560	74 kWh <u>Super Off-Peak</u> 210 \$.38560			

C Rate Change This Billing Period: There was a rate change on day 11 of your Billing Period. Therefore, your charges for the first 10 days were at Rate 1, and the remaining 23 days were at Rate 2.

(Continued on next page)



ACCOUNT NUMBER 00 2 AMOUNT DUE \$285.20 DATE MAILED Jan 31, 2024 sdge.com

Page 5 of 8

Electricity (Generation (D	etails below)	184 kWh	
WINTER USAGE	On-Peak	Off-Peak	Super Off-Peak	
kWh used	49	72	63	
Rate/kWh	\$.19307	\$.10855	\$.08402	
10 Days Charge	\$9.46	+ \$7.82	+ \$5.29 =	22.57
Electricity 0	Generation (D	etails below)	574 kWh	
WINTER USAGE	On-Peak	Off-Peak	Super Off-Peak	
kWh used	113	251	210	
Rate/kWh	\$.14088	\$.07913	\$.06121	
23 Days Charge	\$15.92	+ \$19.86	+ \$12.85 =	48.63
Electricity G	eneration Credi	t		-71.20
CARE Basel	line Adjustment	Credit	100 kWh x -\$.11724	-11.72
CARE Basel	line Adjustment	Credit	312 kWh x -\$.09946	-31.03
PCIA 2022			184 kWh x \$.04437	8.16
PCIA 2022		0	574 kWh x \$.02329	13.37
Economic De Residential (evelopment Pro	gram Credit		01 -118.87
			Total Electric Charges	\$161.72
TAXES &	FEES ON ELI		ES	Amount(\$)
	a Equivalant S	urcharge	70.43 x 1.10%	.77
Franchise Fe	ee Equivalent 3	5		
Franchise Fe State Regula	atory Fee			.81
Franchise Fe State Regula	atory Fee Tota	I Taxes & Fee	es on Electric Charges	.81 \$1.58
Franchise Fe State Regula	atory Fee Tota	l Taxes & Fee	es on Electric Charges Total Electric Service	.81 \$1.58 \$163.30
Franchise Fe State Regula	atory Fee Tota	I Taxes & Fee Aggregation (es on Electric Charges Total Electric Service CCA) Electric Generation Ch	.81 \$1.58 \$163.30 parges
Franchise Fo State Regula Commun Your Electr	ity Choice A	I Taxes & Fee Aggregation (rovided by the fo	es on Electric Charges Total Electric Service CCA) Electric Generation Ch Ilowing CCA:	.81 \$1.58 \$163.30 parges
Franchise Fo State Regula Commun Your Electr SAN DIEGO	ity Choice A	I Taxes & Fee Aggregation (rovided by the fo POWER Phone:	es on Electric Charges Total Electric Service CCA) Electric Generation Ch Ilowing CCA: 1-888-382-0169	.81 \$1.58 \$163.30 harges
Franchise Fo State Regula Commun Your Electr SAN DIEGO CCA Account Ni	ity Choice A ic energy is p COMMUNITY umber: 5 Service D	I Taxes & Fee Aggregation (rovided by the fo POWER Phone: elivery Point: 1	es on Electric Charges Total Electric Service CCA) Electric Generation Ch llowing CCA: 1-888-382-0169	.81 \$1.58 \$163.30 harges
Franchise Fo State Regula Commun Your Electr SAN DIEGO CCA Account Ni Bill Date: Jan 2	ity Choice A ic energy is p COMMUNITY umber: 5 Service D 23, 2024 Billing	I Taxes & Fee Aggregation (rovided by the fo POWER Phone: elivery Point: 1 Period: 12/22/23 - 1/2	es on Electric Charges Total Electric Service CCA) Electric Generation Ch Ilowing CCA: 1-888-382-0169 23/24	.81 \$1.58 \$163.30 harges
Franchise Fo State Regula Commun Your Electr SAN DIEGO CCA Account Ni Bill Date: Jan 2	ity Choice A ity Choice A ic energy is p COMMUNITY umber: 5 Service D 23, 2024 Billing	I Taxes & Fee Aggregation (rovided by the fo POWER Phone: elivery Point: 1 Period: 12/22/23 - 1/2	es on Electric Charges Total Electric Service CCA) Electric Generation Ch Ilowing CCA: 1-888-382-0169 23/24	.81 \$1.58 \$163.30 parges
Franchise Fo State Regula Commun Your Electr SAN DIEGO CCA Account N Bill Date: Jan 2	ity Choice A ice energy is p CCOMMUNITY umber: 5 Service D 23, 2024 Billing	Aggregation (rovided by the fo POWER Phone: elivery Point: 1 Period: 12/22/23 - 1/2	es on Electric Charges Total Electric Service CCA) Electric Generation Ch Ilowing CCA: 1-888-382-0169 23/24	.81 \$1.58 \$163.30 harges
Franchise Fe State Regula Commun Your Electr SAN DIEGO CCA Account N Bill Date: Jan 2 Generation	ity Choice A ity Choice A ic energy is p COMMUNITY umber: 5 Service D 23, 2024 Billing	I Taxes & Fee Aggregation (rovided by the fo POWER Phone: elivery Point: 1 Period: 12/22/23 - 1/2 nter 162 kWh X \$	es on Electric Charges Total Electric Service CCA) Electric Generation Ch Ilowing CCA: 1-888-382-0169 23/24	.81 \$1.58 \$163.30 parges Amount(§) 22.82
Franchise Fo State Regula Commun Your Electr SAN DIEGO CCA Account Ni Bill Date: Jan 2 Generation Generation	ity Choice A ic energy is p COMMUNITY umber: 5 Service D 23, 2024 Billing	I Taxes & Fee Aggregation (rovided by the fo POWER Phone: elivery Point: 1 Period: 12/22/23 - 1/2 nter 162 kWh X \$	Es on Electric Charges Total Electric Service CCA) Electric Generation Ch Ilowing CCA: 1-888-382-0169 23/24 50.14081 50.05974	.81 \$1.58 \$163.30 harges Amount(§) 22.82 19.35
Franchise Fo State Regula Commun Your Electr SAN DIEGO CCA Account Ni Bill Date: Jan 2 Generation Generation Generation	ity Choice A ic energy is p COMMUNITY umber: 5 Service D 23, 2024 Billing On-Peak Win Off-Peak Win Super Off-Pea	Aggregation (rovided by the fo POWER Phone: elivery Point: 1 Period: 12/22/23 - 1/2 nter 162 kWh X \$ hter 324 kWh X \$	Es on Electric Charges Total Electric Service CCA) Electric Generation Ch Illowing CCA: 1-888-382-0169 23/24 50.14081 50.05974 Wh X \$0.03622	.81 \$1.58 \$163.30 harges Amount(§) 22.82 19.35 9.91

For more detail on your SDCP bill, please call us at 888-382-0169. Your CCA rate is TOU-DR-1 - 2022 Vintage.

Total Current Charges

Total CCA Electric Generation Charges

\$285.20

\$52.31



ACCOUNT NUMBER 02 AMOUNT DUE \$285.20

DATE MAILED Jan 31, 2024 sdge.com

Page 6 of 8

Your Electricity Dashboard

Highest Usage Hour

Highest Usage Hour (Demand) this month:

2.8 kW on January 12, 2024 from 12:00pm to 1:00pm

Demand is the highest amount of electricity used at a given point in time.

Time of Use - Electricity

Winter	kWh
On-Peak	162
Off-Peak	323
Super Off-Peak	273
Total	758

TOU Period – Weekdays	Summer June 1 - October 31	Winter November 1 - May 31	
On-Peak	4:00 p.m 9:00 p.m.	4:00 p.m 9:00 p.m.	
Off-Peak	6:00 a.m 4:00 p.m.; 9:00 p.m midnight	6:00 a.m 4:00 p.m. Excluding 10:00 a.m 2:00 p.m. in March and April; 9:00 p.m midnight	
Super Off-Peak Midnight - 6:00 a.m.		Midnight - 6:00 a.m. 10:00 a.m 2:00 p.m. in March and April	

TOU Period – Weekends	Summer	Winter	
and Holidays	June 1 - October 31	November 1 - May 31	
On-Peak	4:00 p.m 9:00 p.m.	4:00 p.m 9:00 p.m.	
Off Peak 2:00 p.m 4:00 p.m.		2:00 p.m 4:00 p.m.	
9:00 p.m midnight		9:00 p.m midnight	
Super Off-Peak	Midnight - 2:00 p.m.	Midnight - 2:00 p.m.	



ACCOUNT NUMBER 0 2 AMOUNT DUE \$285.20 DATE MAILED Jan 31, 2024 sdge.com

Page 7 of 8

Definitions

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Baseline Allowance - A quantity of electricity or gas allocated by the CPUC for residential customers based on a percentage of average residential consumption and varying based on type of space heating, type of water heating, season, climatic zone and number of days in the billing period.

California Climate Credit - The state charges fees to reduce carbon pollution and increase the use of cleaner energy. These fees are returned to you as a credit. Households receive the electric credit twice a year and gas credit once a year. Small businesses receive the electric credit twice a year. Visit cpuc.ca.gov/climatecredit to learn more.

City of San Diego Franchise Fee Differential - A fee charged to SDG&E by the City of San Diego for the rights to operate within city streets.

Climate Zone - The CPUC established four Climatic Zones in California, based on annual average temperatures.

Competition Transition Charge (CTC) - Through this charge, SDG&E recovers costs for power plants and longterm power contracts approved by state regulators that have been made uneconomic by the shift to competition.

Delivery - Charges for the costs of owning, operating, and maintaining the transmission and distribution facilities to deliver power to customers.

Distribution - This line reflects charges to distribute power to customers. It includes power lines, poles, transformers, repair crews and emergency services.

Electricity Generation Charge - This charge is for the electricity you use and includes charges for the energy provided by both SDG&E and DWR. Electricity from DWR is owned by DWR, not SDG&E. If you purchase electricity from another supplier or buy electricity through SDG&E using hourly pricing, this charge appears only for informational purposes and will be offset by a credit.

Electricity Generation Credit - This credit offsets the Electricity Generation Charge.

kWh (kilowatt hour) - A common unit to measure electric energy consumption. A kWh equals 1,000 watts of electric power consumed for one hour of time.

Local Generation Charge - Recovers the costs associated with generation power suppliers that the CPUC has determined should be recovered from all benefiting customers.

Maximum Annual Demand - The highest Maximum Monthly Demand for the current and prior eleven billing periods.

Maximum Monthly Demand - The maximum demand during the current billing period.

Nuclear Decommissioning - This charge pays for the retirement of nuclear power plants.

Public Purpose Programs - This charge reflects the costs of certain state-mandated programs (such as low-income and energy efficiency programs).

Reliability Services (RS) - The Independent System Operator is required to ensure adequate generation to maintain electric system reliability. This means having enough generating facilities available to meet the demand for electricity at all times. The costs associated with this are passed on to SDG&E customers.

State Regulatory Fee - Charged to all utility users to pay for the California Public Utilities Commission (CPUC) operations.

State Surcharge Tax - Collected by the State of California for the conservation and development of energy resources in the state.

Therm - Unit of measurement for billing purposes, nominally 100,000 Btu. Therm Multiplier - A therm multiplier is used to convert the heat content in natural gas (gas measured through the meter in cubic feet) into a billable unit, known as a therm. Cubic feet x therm multiplier = therms.

Total Rate Adjustment Component (TRAC) - This charge achieves legislative and CPUC subsidies such as maintaining the Commission approved tier differential between rates for usage up to 130% of baseline and usage above 130% of baseline; discounted rates for assistance programs; and elimination or modification of seasonality in rates by lowering Summer rates and increasing Winter rates.

Transmission - This charge pays for the delivery of highvoltage electricity from power plants to distribution points near your home or business. It includes the cost of high-voltage power lines and towers, as well as monitoring and control equipment.

Wildfire Fund Charge - The Wildfire Fund Charge is mandated by the CPUC to repay costs associated with wildfire damage after July 12, 2019.

SDG&E Policies and Notices

Electronic Check Processing - When you pay your bill by check, you authorize us to electronically process your payment. If your check is processed electronically, your checking account may be debited on the same day we receive the check. Your check will not be returned by your bank, however, the transaction will appear on your bank statement. If you do not wish to participate in this program, please have your account number ready and call 1-866-534-5152.

Rates & Rules - SDG&E's rate schedules and rules, on file and approved by the CPUC, are available on the Internet at www.sdge.com. Copies of applicable tariffs may also be obtained by calling 1-800-411-SDGE (7343) or visiting any company bill payment office.

Pay Before Date / Disconnection Policy - Your SDG&E bill is due and payable upon presentation and is past due if not paid within 19 days of the date mailed. If your payment has not been received by the "Due Date" shown on your bill, your SDG&E service is subject to disconnection, after proper notice has been provided. If your service is disconnected for non-payment, there may be additional service charges and you will be required to pay all past due SDG&E amounts before service is restored. Your SDG&E service could also be disconnected if the information provided on your application for service is false, incomplete or inaccurate. SDG&E will disconnect your services only for non-payment of those charges owed SDG&E.

If you are unable to pay your SDG&E bill in full due to a temporary financial hardship or due to a serious illness in the household, you need to call SDG&E before the expiration of this notice. Employees, including multilingual staff, are available to assist with payment arrangements

If SDG&E fails to offer you payment arrangements, you may write to the Consumer Affairs Branch of the California Public Utilities Commission (CPUC), State Office Building, 505 Van Ness Avenue, Room 2003, San Francisco, CA 94102, phone: 800-649-7570, email: consumer-affairs@cpuc.ca.gov, prior to disconnection of your SDG&E service. The Consumer Affairs Branch will review the complaint and issue its proposed resolution to you and SDG&E. If you are not satisfied, you may appeal the proposed resolution by filing a formal complaint. A more detailed explanation of disconnection policies, including your rights as an SDG&E customer, may be obtained by calling 1-800-411-SDGE (7343), or e-mail: info@sdge.com.

Disputed Bills / Service Complaints - If you believe there is an error on your bill or have a question about your service, please call SDG&E customer support at 1-800-411-SDGE (7343). If you are not satisfied with SDG&Es response, submit a complaint to the California Public Utilities Commission (CPUC) at www.cpuc.ca.gov/complaints/. Billing and service complaints are handled by the CPUCs Consumer Affairs Branch (CAB), 505 Van Ness Ave, Room 2003, San Francisco, CA 94102, phone: 1-800-649-7570.

If you have limitations hearing or speaking, dial 711 to reach the California Relay Service, which is for those needing assistance relaying telephone conversations. Dial one of the numbers below to be routed to a California Relay Service provider in your preferred mode of communication.

California Relay Service Phone Numbers:

Type of Call	Toll-Free Number	
TTY/VCO/HCO to	1-800-735-2929 English	
Voice	1-800-855-3000 Spanish	
Voice to	1-800-735-2922 English	
TTY/VCO/HCO	1-800-855-3000 Spanish	
Speech to Speech	1-800-854-7784	

To avoid having service turned off while waiting for the outcome of a complaint to the CPUC specifically regarding the accuracy of your bill, please contact CAB for assistance. If your case meets the eligibility criteria, CAB will provide you instructions on how to mail a check or money order to be impounded pending resolution of your case. You must continue to pay your current charges while your complaint is under review to keep your service turned on.

Re-Establishment of Credit / Deposit - If you pay your SDG&E bill after the expiration date of a past due notice, you may be required to re-establish your credit by paying a deposit.

Large Font Bill - You can sign-up to receive a large font bill by calling SDG&E at 1-800-411-SDGE (7343).

Section 4 – How Solar Works

https://www.citizenoneenergy.com/howsolarworks

As solar professionals, it is important to understand how Net Energy Metering works. Although, we generalize a lot of customer's and fit them into generalized boxes, if you truly understand NEM and how the solar panels only generate electricity during the day but customers may need energy at night and sometimes, it is easy to figure out how many kwh they need at night and other times it is more difficult.

Sometimes you may find yourself wanting to dig a little deeper to figure out if you should add 2 batteries versus just 1 because it may seem that the customer uses a lot of energy at night. Also keep in mind that any excess energy that goes unused by the customer gets sent back to the grid and the utility company credits the customer's utility account but for very little for SCE, SDGE and PG&E. There is a different credit amount for every hour of every day in the year but it averages out to 6 or 7 cents per kwh. So the jist of it is that you do not want excess energy getting sent back to the grid. You either want the customer to use it during the day or get stored into the battery.

So there could be circumstances where solar just doesn't even make sense for certain people if they don't use much energy during the day but use a lot of energy at night where you have to add 2 or 3 batteries. The payment you have to charge to make a decent commission may outweigh the benefit to the customer.

As a general rule of thumb, if they use more than 10,000 kwh, it's a good idea to ask what percentage of their energy is used during sunlight vs sundown. Then divide the annual production by 365 days to find out their average daily usage. Then multiply that by the percentage of their energy used during sundown. The result is how much energy is ideally needed to be stored in a battery for evening/nighttime usage in order to avoid using the utility's energy.

For example, let's say someone uses 10,000 kwh per year. Their daily average is about 27.4 kwh per day. The customer says 25% of their energy usage is during sundown. So 6.85 kwh is the amount you would need stored in a battery to avoid using the utility during sundown. So 1 battery would work just fine here.

However, let's say 50% of their usage is during sundown. Then they would need 13.7 kwh to be stored in a battery. So 1 of the 10 kwh batteries would suffice but they might still pull some from the utility. They would be better off with a 13.5 kwh Tesla Powerwall 2.0 battery which we offer through Sunrun. Let's say they use 70% of their energy during sundown. Then 19 kwh is what they need in the battery. So in that case, you're best off giving them 2 batteries.

Subsection 4.1 – Exercise for How Solar Works

Have the reps explain to each other how solar works.

Section 5 – IOU & CPUC & Rate Increases

https://finance.yahoo.com/quote/EIX/

https://finance.yahoo.com/quote/SRE/

https://www.cpuc.ca.gov/industries-and-topics/electrical-energy/electric-rates/rate-changeadvisories

The main 3 electric companies in California are SDGE, SCE and PGE. They are all traded on the stock market. The are investor-owned utility companies. They have a profit they have to make for their investors. So whenever they have expenses as a company, they pass them onto the customers. Hence, the transmission and distribution fees being passed onto to the customers. Somebody has to pay for it. They're not a government agency so they can't just cover it and the government can't make them. So they just pass it onto the customer. And these electric companies are the only ones in their territories so they have a monopoly and the customers have no choice but to pay it. But the company has to keep making a profit for their investors.

The CPUC (California Public Utilities Commission) is made up of 5 board members appointed by the governor. They were created to regulate and monitor the utility companies. Whenever the utility companies want to raise their rates, they submit their request to the CPUC who then, usually, approves it. In the CPUC link above, you can see all the rate increases since 2020. The rate increase notice details the amount of the increase and the reasons for that increase (expenses and budgeting). SCE has 3 rate increases per year. SDGE has 1-2 rate increases per year.

Changes in the cost of electricity over time

The average rate of increase in electricity prices in the United States over the past 25 years has been around 2% per year. Unfortunately, most California residents have experienced much quicker growth in the prices they pay for power. In just the past ten years, the average growth rate across all California utilities was more than 7.7% per year.

Here's a table showing the average growth rates over the past ten years for customers of the five big California utilities we're covering:

Utility	2014 avg. rate/kWh	2024 avg. rate/kWh	Annual % increase
LADWP	\$0.150	\$0.230	4.37%
PG&E	\$0.207	\$0.462	9.33%
SCE	\$0.195	\$0.367	7.28%
SDG&E	\$0.206	\$0.424	8.35%
SMUD	\$0.131	\$0.146	1.21%

https://www.solarreviews.com/blog/average-electric-bill-in-california

The table above shows you the average rate increases annually over the last 10 years for the main electric companies in CA.

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Section 6 – The Meats & Potatoes



Zero Maintenance Options Installation, monitoring and repairs can be added as needed for the life of your agreement.



Zero Cost at Install With enrollment in a Power Purchase Agreement, lease, or loan product.



Fixed Energy Bills You know what you'll pay every month. Why wait to start saving?



100% Transferable If you move, there are no extra transfer fees.



Rollover Power

You benefit from any extra power the system generates.



Peace of Mind

Warrenties and workmanship guarantees come standard and some products include a production guarantee.

24 Hour monitoring

Your system may come with cellular chips inside the equipment that monitor the system 24 hours a day.

- Zero maintenance that you do. They take care of everything. Just like with the power lines when something happens, you don't go and climb the power poles right? They take care of it for you. Same thing with this you don't have to do anything its all taken care of.
- Zero cost for the install
- Fixed energy bill
- It's a hundred percent transferable if you move so it just transfers to the new owner.
- All of the roll over power gets sold back to the utility so you get credited from them as well
- Peace of mind and 24 hour monitoring go hand in hand. They do a production guarantee. So they're guaranteeing its going to produce the power and if it underproduces, they have to refund you for every kwh it underproduced. So they're going to monitor because they don't want to have to pay you for it not working. So every 15 minutes a signal is sent to make sure it's working correctly and if it's not, they're going to call you pretty quickly to come and inspect it to figure out what's wrong.
- Perfect. Does that all make sense? Any questions about that? Perfect.

Subsection 6.1 – Exercise for The Meats & Potatoes

Have the reps practice saying this.

Section 7 - Ways to Go Solar

1. **CASH** – customer pays a lump sum and receives a 30% federal tax credit on the purchase price for the year in which the system was installed. They get the credit when they file their taxes. If the tax credit amount is greater than the customer's tax liability, the customer has to claim the remaining credit on the following year/s taxes. Customer can keep claiming the remaining credit balance until fully claimed up to 2032.

What's included? Depending on the installer, there may not be any production guarantees, maintenance, repairs or monitoring. There are manufacturer warranties on the equipment and the installer has warranties on their installation work. But, generally speaking, the customer will have a greater responsibility in assuring everything is working with their system and the manufacturer of the equipment and/or installer will be a little slower to respond to concerns or warranty claims.

2. **LOAN** – with a solar loan, there are different lengths of loans. Customer must apply for the solar loan with credit and income qualification. The customer receives a 30% federal tax credit on the loan amount taken out. They get the credit when they file their taxes. If the tax credit amount is greater than the customer's tax liability, the customer has to claim the remaining credit on the following year/s taxes. Customer can keep claiming the remaining credit balance until fully claimed up to 2032.

Regardless of the length of the loan, the first 18 months of the loan have an introductory lower payment which would increase on month 19 unless the customer makes a payment to the loan company for the same amount as the 30% federal tax credit. If the customer does pay that amount to the loan company within the first 18 months, then the payments will remain the same for the remaining length of the loan.

What's included? Depending on the installer, there may not be any production guarantees, maintenance, repairs or monitoring. There are manufacturer warranties on the equipment and the installer has warranties on their installation work. But, generally speaking, the customer will have a greater responsibility in assuring everything is working with their system and the manufacturer of the equipment and/or installer will be a little slower to respond to concerns or warranty claims.

Options when selling home:

- A. Transfer loan to the buyer. Buyer must apply to qualify for the loan (credit and income qualifies apply).
- B. Add the remaining loan balance to the contract and sale of the home so the buyer will own the system free & clear

3. **PPA / LEASE** – the customer does not receive a federal tax credit. Instead, the solar financier receives it. There are different annual escalator options, i.e. – 0% (fixed), 0.99%, 1.99%, 2.99%, 3.5%, 4.5%.

What's included? Fully covered – maintenance, monitoring, repairs, production guarantee. Set it and forget it.

Options when selling home:

- A. Transfer to the new owner either with buyer 650 Fico soft check or buyer or seller pays \$250 credit waiver
- B. Add the system buyout price into the contract and sale of the home
- C. Prepay the remaining payments and transfer only the use of the system to the buyer

Section 8 – Who is the installer? Who is the financier? Who is the manufacturer? Where do we fit in? How do we get paid?

Manufacturer – the manufacturers are the companies that make all the equipment (solar panels, inverters, batteries, etc.). They have manufacturer warranties which apply to the purchaser of the equipment (in the case of a CASH or LOAN, the purchaser is the customer / in the case of a PPA/LEASE, the purchaser is the financier).

Installer - Installers purchase the equipment in bulk from the manufacturers. The installer's install crews install the equipment on the homes. The installer has their own warranties regarding their installation work. The duration can vary but it's normally 25 years covering issues regarding their installation and 5-10 years regarding roof leaks due to the roof penetration.

Financier – in the case of a LOAN, the financier is the loan company. The loan company makes a loan for the customer and pays the installer for their work and the equipment used. In the case of a PPA/LEASE, the financier is the solar company (i.e. Sunrun, EverBright, Lightreach, etc.). The solar company is the purchaser of the system and gets the 30% federal tax credit. The solar company pays the installer for their work and the equipment used.

Where do we fit in as a partner / broker and how do we get paid? – we are partnered with installers. Essentially, we are the sales department for each respective installer. The installer gets paid regardless of which option the customer chooses to go solar. It's just a matter of whom the installer is getting paid from. CASH = installer paid by customer. LOAN = installer paid by loan company. PPA/LEASE = installer paid by solar company. The installers set a redline for our company that we are not to go under. But anything over the redline but after adders is all revenue to our company. Then our company sets a redline for our reps with the same rule being anything over the redline but after adders is all commission to the rep.

BrightOps (formerly Brightplanet Solar) - Installer - as of 8/13/24

Reps Redline: 2.8

Partner Development help page and adders sheet:

https://sites.google.com/brightplanetsolar.com/partnerdevelopment/bright-ops-salessupport/adders?authuser=0

- No add-ons
- Manufactured homes Cash, Sunrun, EnFin (no mobile home parks). No EverBright.
- No loans
- Remove current system only if BPS previously installed

Cash

- PV Only
- SolarEdge Energybank 10kwh backup battery

EverBright – PPA financier

PPA escalators - 0%, 1.9%, 2.9%, 3.5%, 3.9%

- PV Only
- SolarEdge Energybank 10kwh PowerShift non-backup battery
- SolarEdge Energybank 10 kwh backup battery

Sunrun – PPA financier

PPA escalators – 0%, 2.9%, 3.5% / Pre-paid PPA (pay all payments upfront on the 0% escalator)

- PV Only
- SolarEdge Energybank 10kwh PowerShift non-backup battery
- SolarEdge Energybank 10 kwh backup battery
- Tesla Powerwall 2.0 13.5 kwh backup battery

Enfin – PPA financier

PPA escalators – 0%, 2.99%, 3.5%

- PV Only
- SolarEdge Energybank 10kwh PowerShift non-backup battery
- SolarEdge Energybank 10 kwh backup battery

Clayco Electric – Installer – as of 8/5/24

Reps redline: TBD, currently pricing out individually

Use for – SD only and AZ - Add-ons (see below, can stay on NEM 2 or switch to NEM 3) / Battery-only / maybe Manufactured homes (not 100% sure yet) / Commercial projects

Cash

Loan – multiple loan companies and loan terms (years) available

Lightreach – PPA financier – escalators 0%, 0.99%, 1.99%, 2.99%, 3.5%, 3.99%

Other notes about Clayco:

Warehouse in Tucson, AZ

Warehouse in Alpine, CA - SD, Pima, Nogales, Sierra Vista

Warehouse in Riverside, CA - TBD

Manufactured homes – generally can do them but they have to get some special permit so not 100% sure yet. Has lender that can do them but not sure if Lightreach can do yet Jeannie will ask.

Add-on's NEM 2 to NEM 2 - can tie into existing electric panel without permits but will send addendum to customer stating that customer is responsible for permits and releases liability to Clayco.

Add-on's NEM 2 to NEM 3

Add-on's - cannot add on to existing PPA due to warranties.

Battery-only

Loans – Wheelhouse is good in CA

Lightreach PPA's – can do add-on's through them too. Jeannie will ask if can do manufactured homes.

Commercial projects - price out individually

1. ADDERS

The following items are defined as adders; these are not included in the price per watt stated above.

Description			Cost	Comments
Roof Slope greater than			5:12 \$.15	9:12 \$.25
Tilt Up Racki	ng		\$.20	No additional for multiple arrays
Flat roof			\$.10	Sd full permit review \$500 extra
More than 3 a	irrays		\$400	Per extra
Metal roofs			.20	Copper stands more
Ballasted Rac	king		\$.35	
Main Breaker	derate		\$250-500 avg	Add it permit fees required
4 space sub panel			\$500	At MSP location
MPU			\$2500 EST need SO to verify	Stucco, paint, permit extra
EV outlet			\$500	5' of MSP
Solaredge Ev Charger			\$1200	With EV cord
Storedge Inverter for batteries		eries	\$\$1500-2000	Varies by size
Battery self consumption			\$9,000	EM loads/backup varies
Travel			Excluded if Trout does SV and	Varies by size/distance
			insp.	
Ground Mount traditional		1	Trenching	Subject to site inspection
Small system 2.4kw 3.40 2.8k		2.81	cw 3.20	
3.2kw 2.95 3.6l		3.61	xw 2.80	
	4kw 2.65	4.41	xw 2.50	
SDGE RMA	\$1400	Sub	ject to utility approval	
SCE GMA \$1400 SCI		SCI	E requires additional trip with	
eq v		eq v	we have to install for them	
Subs	\$100-250	We	have to pay to 1099 them	
8+ to 8h micros \$25 each We		We	install 8+ combiners on all	
		jobs	5	

Salesmen responsible to verify any dealer fees, loan charges

EXO Energy – Installer – coming soon...

Use for - all CA (outside SD has \$0.12 adder) - add-ons / manufactured homes

Lightreach

Sunnova

Add-ons – NEM 2 will go to NEM 3 so add batteries

Manufactured homes

https://docs.google.com/spreadsheets/d/1sltA-p7FMrQQ-7Y6Z35GXFqSsgifXpbuMkASThw_Scw/edit

Section 11 – Sales Tools

https://app.smartsheet.com/b/form/f1d0e54b39614bf18a07a712c6b779a3

Use this link to submit a proposal to BrightOps (BPS). They will start working on it by creating a lead in Sunrun or EverBright's system and place it into your Sunrun or EverBright portal. You may just doublecheck that they input the correct usage and pre-solar rate. Adjust those and the design as necessary. You don't necessarily need to submit this first as you can manually create a lead, design and send docs to customers all without submitting this proposal request. But you will need to submit this proposal request eventually because you need a BPS number in order to schedule the site survey with BrightOps (BPS). They email you the BPS number once they are done creating the proposal and placed it into your Sunrun or EverBright portal.

EverBright: https://engine.goeverbright.com/auth/login

Sunrun:

https://sunrun.my.site.com/partner/PartnerPortalLogin?startURL=%2Fpartner%2Fa080d00000cvkv LAAQ

Section 12 - Links to Save to your Sales Device

https://www.citizenoneenergy.com

https://login.salesforce.com/?locale=us

https://accounts.google.com/ServiceLogin

https://www.experian.com/consumer-products/score-boost.html

https://www.sunnova.com/batteryduration

https://sites.google.com/brightplanetsolar.com/partnerdevelopment/bps-sales-support-quick-guide?authuser=0

https://app.smartsheet.com/b/form/f1d0e54b39614bf18a07a712c6b779a3

https://engine.goeverbright.com/pipeline

https://sunrun.my.site.com/partner/PartnerPortalLogin?startURL=%2Fpartner%2Fa080d00000cvkvLAAQ

https://www.sce.com/residential/rates/Time-Of-Use-Residential-Rate-Plans

https://www.sce.com/residential/rates/Standard-Residential-Rate-Plan

https://www.sdge.com/residential/pricing-plans/about-our-pricing-plans/whenmatters

https://finance.yahoo.com/quote/EIX/

https://www.google.com/search?q=sempra+stock&ie=UTF-8&oe=UTF-8&hl=en-us&client=safari

https://www.cpuc.ca.gov/industries-and-topics/electrical-energy/electric-rates/rate-change-advisories

https://www.sce.com/regulatory/document-library/customer-connection-notices

https://www.solarreviews.com/blog/average-electric-bill-in-california

https://www.sdge.com/rates

Section 13 – Full Close

DISCLAIMER: These videos are for educational purposes only and do not constitute a requirement to perform.

Please read the description of each video prior to watching.

Preface - https://youtu.be/Ryo7xIsB3nM?si=4eDzU6z5OJb0zuue

1.) https://youtu.be/Scs1 MYCqeg?si=CQD1ljK RXj6v18s

Intro / chit-chat leading into Q's (write answers down)

- how long have you lived here?
- Any plans to move?
- How many people live here?
- When would you say your household typically starts and stops using electricity?
- Any plans to get an EV, pool, jacuzzi, switch any gas appliances to electric?
- Anything else I should be aware of as I am designing this system to match your needs?
- Do you have any questions for me?

2.) https://youtu.be/FmocfhGsw40?si=-O6obYy1lG50jeYa

List the topics you'll be covering today

3.) https://youtu.be/B7zyRKoE8v0?si=toHt0onlwJyqVVbY

Explain UB

- Bar graph
- Your rate schedule (Domestic, TOU, etc)
- The rates for your rate schedule
- Transmission, distribution, nuclear dec, ppp, new system gen
- 4.) https://youtu.be/3CRHydy-RaQ?si=Ulh5goiep9ohV5Pk
- IOU show ticker symbol
- SCE https://www.google.com/search?q=edison+stock&ie=UTF-8&oe=UTF-8&hl=en-

<u>us&client=safari</u>

SDGE - https://www.google.com/search?q=sempra+stock&ie=UTF-8&oe=UTF-8&hl=en-

<u>us&client=safari</u>

- 5.) same video as #4
- CPUC rate change advisories
- https://www.cpuc.ca.gov/industries-and-topics/electrical-energy/electric-rates/rate-change-

advisories

- 6.) same video as #4
- Rate hike request notices
- https://www.sce.com/regulatory/document-library/customer-connection-notices
- 7.) same video as #4
- SolarReviews article changes in the cost of electricity over time
- https://www.solarreviews.com/blog/average-electric-bill-in-california
- 8.) same video as #4
- SDGE website so why are sdge rates higher than other companies
- https://www.sdge.com/rates
- 9.) https://youtu.be/Frfs1gmbnGw?si=sBlCuD4eBdhrYNfz
- how solar works
- Please ask for the visual for this.
- 10.) https://youtu.be/M14hhxB_CU0

meats & potatoes

Please ask for the visual for this.

11.) https://youtu.be/YFpfUNpQPrw?si=COX-22TzaUi30lmA

responsibility check

12.) https://youtu.be/2b33nldiolw?si=a19ih3j1OZhN9XjZ

Draw T-chart on their UB ideally or piece of paper - on left side write Edison numbers (tip: in certain situations, you may not want to write all of these down)

- current usage
- Their rates
- Average rate
- Winter bills
- Summer bills
- Average bill
- & increases 10-20% per year
- 13.) https://youtu.be/2KYCAGfcJZY?si=mgPqbjlqOqHg0b89

On right side write Solar numbers (match all the same items you wrote down for Edison. Tip: this is where you can put yourself in a tough situation. I.e. they are on care and their average rate is 26 cents. Doesn't look the best to compare the average rate. Another example is you are only doing 85 or 90% offset and you already wrote down their current usage).

- write down same items you wrote for Edison
- You qualified for 2 options 3.5% for inflation vs fixed
- Between these two options, which one is better for for you guys?
- 14.) https://youtu.be/TBCvkwTKdCU?si=hjUFVj3yQHtxfhYG

Savings sheet

https://docs.google.com/file/d/1oZg2dvMZAa5OBAkS6VXxoLNtD0QJHvI4/edit?usp=docslist_ api&filetype=msexcel

Please make sure to save this excel sheet as your own copy. If you don't save it as your own copy, you would be using the same sheet and another user could potentially be using it and

editing numbers on it simultaneously.

15.) https://youtu.be/l2nRMHvDk0c

cpuc

16.) https://youtu.be/YH86W rgJlE?si=i-veDnwevjM05-on

https://youtu.be/yzRroXre9to?si=VnPHU3-EuovWIklM

contract

17.) https://youtu.be/q-tOUPGzQ3g?si=JGEy3fbNjELofLUv

verification call

Sunrun – 833-362-5137

Everbright - 833-830-0475

18.) https://youtu.be/eYWbnFSreBo?si=GZKEFucYCPlwNoXP

site survey

Brightplanet - 385-482-0274

19.) https://youtu.be/e--0JcP-0b4?si=ytfTA0hZc6iFm9om

timeline

Please ask for the visual for this.

Subsection 13.1 – Exercise for Full Close

Section 14 – Phone numbers to save

BrightOps (formerly Brightplanet Solar) – 385-482-0274

Sunrun Verification Call (Bot) – 833-362-5137

Sunrun Verification Call (Spanish Bot) – 833-372-5137

Sunrun Sales Support – 888-840-7180

Sunrun Credit Text Line (if credit shows pending) - 720-230-1084

EverBright support - 833-830-0475

Section 15 – Software Systems

- BPS Proposal Link https://youtu.be/TuuesDHEnUM
- EverBright Portal https://youtu.be/8T5PKIDtsCY
- EverBright Co-Applicant https://youtu.be/aSy54dBn7l8
- EverBright Title <u>https://youtu.be/TN7MrzF3Qy8</u>
- Sunrun https://youtu.be/pGmmSUfRq5w
- EnFin https://youtu.be/ggLHMRQgCmM