

## Details of your new charges (continued)

**Other charges or credits**

Generation Municipal Surcharge	\$2.51
--------------------------------	--------

Subtotal of your new charges	\$581.10
------------------------------	----------

Your new charges	\$581.10
------------------	----------

**Your overall energy charges include:**

- \$5.26 franchise fees

**Additional Information:**

- Service voltage: 480 volts
- Generation Municipal Surcharge (GMS) factor: 0.009095
- 2014 Vintage CRS



Go paperless at [www.sce.com/ebilling](http://www.sce.com/ebilling). It's fast, easy and secure.

JOSHUA MEMORIAL / Page 5 of 8

**Service account** 3-044-2455-27  
**Service address** 808 E LANCASTER BLVD  
LANCASTER, CA 93535

**Rotating outage** Group N001

## Details of your new charges

### LANCASTER CHOICE ENERGY

Your rate: TOU-PA-2-B  
Service Account: 3-044-2455-27  
Billing period: Jan 11 '18 to Feb 9 '18 (29 days)

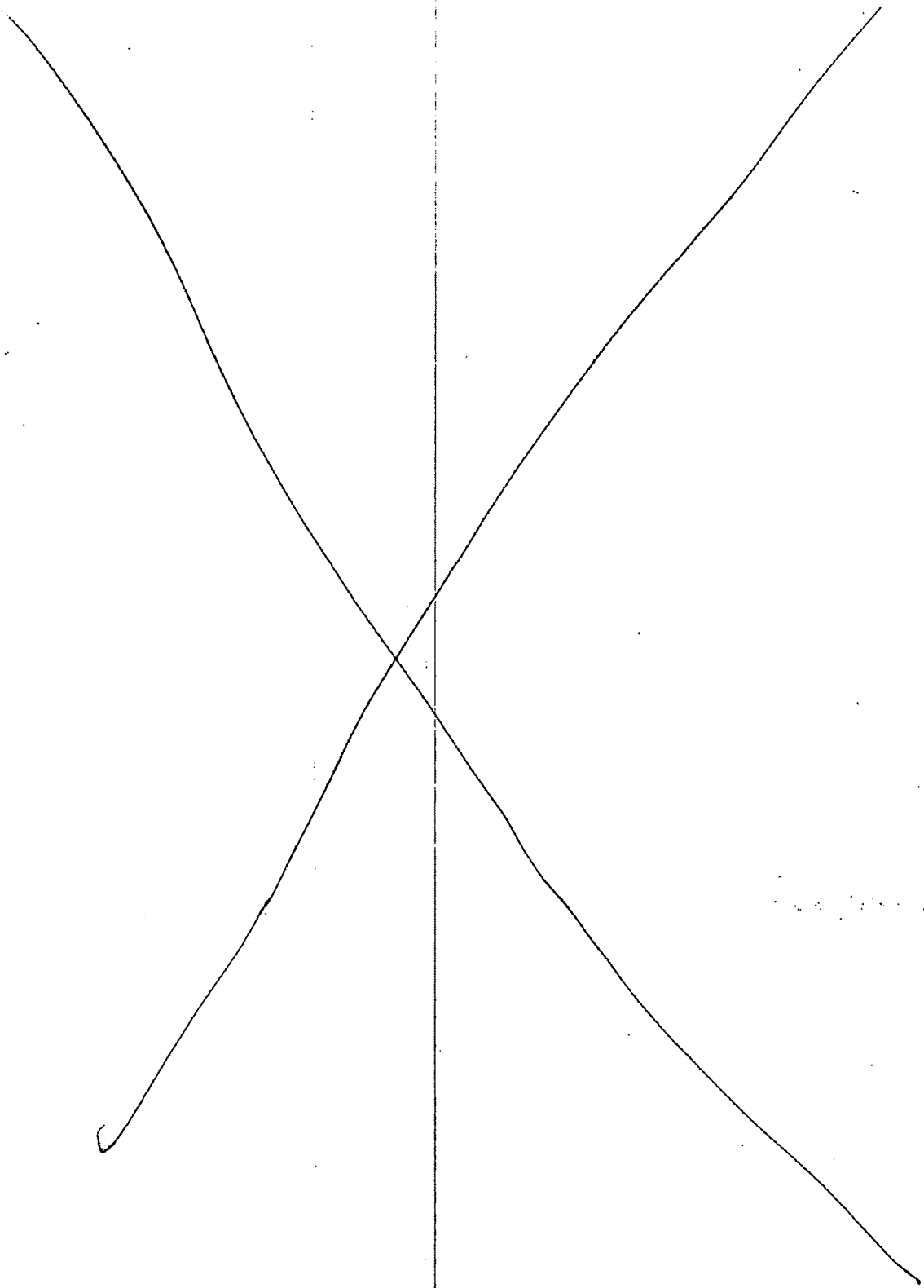
Generation (Supply) Charges	
10% MARKET DEMAND ADJ	-\$22.06
OFF-PEAK WINTER GEN. 2650.88 KWH @ 0.03342	\$88.59
MID-PEAK WINTER GEN. 3017.68 KWH @ 0.04373	\$131.96
ENERGY SURCHARGE	\$1.64
<hr/>	
Sub-Total of LCE Generation (Supply) Charges	\$200.13
<b>Your New Charges</b>	<b>\$200.13</b>

## Things you should know

### **Lancaster Choice Energy Information**

FOR MORE DETAIL ON YOUR LANCASTER CHOICE ENERGY BILL, CALL US AT 844-288-4523.

Go paperless at [www.sce.com/ebilling](http://www.sce.com/ebilling). It's fast, easy and secure.



Please visit us at [www.sce.com](http://www.sce.com)

## Downed Wires? Call 911

Fire, high winds and stormy conditions can cause damage to power lines.

If you see a downed wire:

- Do not approach or touch the wire, or anyone or anything in contact with it.
- Do not touch or step in water near a downed wire, as it can be electrified.
- Call 911. Inform the operator it's an electrical emergency.
- Always assume all wires are energized.

Visit us at [www.sce.com/safety](http://www.sce.com/safety) for more safety tips. Stay aware. Stay safe.

## Announcing Marketplace

### To help you shop energy smart!

We have launched the Southern California Edison Marketplace website to help you shop and research energy efficiency information on a variety of products including refrigerators, pool pumps, electric water heaters, thermostats, smart home equipment and more. At the Marketplace, you can:

- View product energy scores,
- Calculate energy savings and the total cost of product ownership,
- Save your searches,
- Get pricing alerts,
- Find rebate information,
- Read customer reviews, and
- See if a product is in stock at a local retailer.

The site is accessible on all devices - smart phones, tablets and PC's. To see how the Marketplace can help you make smart buying decisions visit:

**[Marketplace.sce.com](http://Marketplace.sce.com)**

### 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](http://www.P65Warnings.ca.gov)**

1. **Diesel Generation:** 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,

(Continued on next page)

### Proposition 65 Warning (continued)

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. Painted Structures:** 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 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 usuarios con acceso al Internet podran leer y descargar esta notificacion en espanol en el sitio Web de SCE:

[www.sce.com/avisos](http://www.sce.com/avisos)

## A new look is coming to your bill

Starting with your next bill, the format will change to make it easier to read and understand:

1. The amount due now shows in the upper right corner and your account information is in the upper left.
2. The terms and conditions have been streamlined.
3. Customers on a Time-of-Use (TOU) rate will see new charts and tables to make it easier to understand how energy prices vary depending on the time of day.

### Utility Bill Scams and Caller ID Spoofing Continue to Target Southern California Edison Customers

Southern California Edison (SCE) is advising customers to be aware of caller ID spoofing, a practice in which a caller, using special phone equipment and technology, deliberately falsifies information on your caller ID display to mask the true origin of the call. "Spoofers" and other impostors claiming to be with SCE may demand immediate payment to avoid disconnection of service for allegedly past due electricity bills. The caller demands that the customer purchase a prepaid cash card for a specific amount of money, call the impostor back, and give that person the card number.

Customers suspecting a fraudulent call should ask for the caller's name, department and business phone number. Customers should terminate the call and report the incident immediately to local police and SCE at 1-800-655-4555. SCE customers should also note that:

- SCE will never call and demand immediate payment with the threat of service disconnection
- An SCE employee will never ask for money in person
- Never reveal personal information, including your credit card, ATM or calling card number (or PIN number) or SCE account number to anyone
- If someone calls and requests you leave your residence at a specific time for a utility-related cause, call the police. This could be a burglary attempt set up by the caller
- Be suspicious of anyone who arrives at your house without an appointment asking to check an appliance, wiring or suggesting that there may be some other electrical problem inside your residence. In most cases, but not all, appointments are scheduled with our customers. There are times when our equipment may need to be checked and an appointment is not scheduled for these types of visits. SCE employees always have their SCE ID badge displayed on their person for customers to see and you can always contact our customer service department at 1-800-655-4555 to confirm the nature of the visit.

For more information about potential scams and tips to protect yourself, please visit: [www.sce.com/scamalert](http://www.sce.com/scamalert)

## Stay Connected to Us

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



[www.facebook.com/SCE](http://www.facebook.com/SCE)



[www.twitter.com/SCE](http://www.twitter.com/SCE)



Go paperless at [www.sce.com/ebilling](http://www.sce.com/ebilling). It's fast, easy and secure.

P.O. Box 300  
Rosemead, CA  
91772-0001  
[www.sce.com](http://www.sce.com)

# Your electricity bill

JOSHUA MEMORIAL / Page 1 of 6

For billing and service inquiries call 1-800-974-2356

Customer account 2-03-189-5097

Date bill prepared: Jan 13 '18

PO BOX 4055  
DANVILLE, IL 61834-4055

## Your account summary

Previous Balance	\$681.00
Payment Received 01/03	-\$681.00
Balance forward	\$0.00
Your new charges	\$504.47
<b>Total amount you owe by Feb 1 '18</b>	<b>\$504.47</b>

**JAN 17 2018**

## Summary of your billing detail

Service account	Service address	Billing period	Your rate	New charges
3-000-4430-87	808 E LANCASTER BLVD LANCASTER, CA	Dec 12 '17 to Jan 11 '18	TOU-PA-2-B (SCE)	\$444.60
3-044-2455-27	808 E LANCASTER BLVD LANCASTER, CA	Dec 12 '17 to Jan 11 '18	TOU-PA-2-B	\$59.87
				<b>\$504.47</b>

## Things you should know

**You may notice a change in your billing statement.....**

Effective 1/1/2018, the billing rates used to calculate your bill have been modified. For more information, please visit [www.sce.com/bill\\_change](http://www.sce.com/bill_change).

Please return the payment stub below with your payment and make your check payable to Southern California Edison.  
If you want to pay in person, call 1-800-747-8908 for locations, or you can pay online at [www.sce.com](http://www.sce.com).

(14-574)

Tear here

Tear here



Customer account 2-03-189-5097  
Please write this number on your check. Make your check payable to Southern California Edison.

Amount due by Feb 1 '18 **\$504.47**

Amount enclosed \$

STMT 01132018 P1



JOSHUA MEMORIAL  
PO BOX 4055  
DANVILLE, IL 61834-4055

P.O. BOX 300  
ROSEMEAD, CA 91772-0001

03 189 5097 00000098 00000000000050447000050447

Go paperless at [www.sce.com/ebilling](http://www.sce.com/ebilling). It's fast, easy and secure.

## Contact Information

### Customer service numbers

General Services (U.S. & Canada)	1-800-655-4555
Account Balance & Extensions	1-800-950-2356
Emergency Services & Outages	1-800-611-1911
California Alternate Rates for Energy (CARE)	1-800-447-6620
Electric Industry Restructuring	1-800-799-4723
Energy Theft Hotline	1-800-227-3901
Hearing & Speech Impaired (TTY)	1-800-352-8580

### Multicultural services

Cambodian / ខ្មែរ	1-800-843-1309
Chinese / 中文	1-800-843-8343
Korean / 한국말	1-800-628-3061
Vietnamese / Tiếng Việt	1-800-327-3031
Spanish / Español	1-800-441-2233

Correspondence: Southern California Edison (SCE)  
P. O. Box 8400, Rancho Cucamonga, CA 91729-8400

## Important information

### Rotating outages

A rotating outage is a controlled electric outage that lasts approximately one hour for a group of circuits, which is used during electric system emergency conditions to avoid widespread or uncontrolled blackouts. Each SCE customer is assigned a rotating outage group, shown on the upper part of the SCE bill. If your rotating outage group begins with the letters A, M, R, S, or X, you are subject to rotating outages. If it begins with N or Exempt, you are not. Your rotating outage group may change at any time. For more information, and to see which rotating outage groups are likely to be called in the event of a system emergency, visit [www.sce.com](http://www.sce.com) or call 1-800-655-4555.

### Options for paying your bill

On-line	<a href="http://www.sce.com">www.sce.com</a> or Electronic Fund Transfer		
Mail-in	Check or Money order		
In Person	Authorized payment locations	1-800-747-8908	
Phone	QuickCheck	1-800-950-2356	
	Credit Card-Visa/MasterCard*	1-800-254-4123	
	Debit Card-ACCEL/NYCE/Pulse/Star*	1-800-254-4123	

\*The Credit/Debit card payment options are not available for payment of commercial services or security deposits for commercial services.

You may call us for electronic payment options, to make payment arrangements, or for information on agencies to assist you in bill payment. If service has been disconnected, on the day of the service reconnection, be sure all appliances and other electric devices are turned off. For additional home safety tips, visit [www.sce.com/safety](http://www.sce.com/safety) or you may call SCE Customer Service at 1-800-655-4555.

### Past due bills

Your bill was prepared on January 13, 2018. Your bill is due when you receive it and becomes past due 19 days after the date the bill was prepared. You will have 15 days at your new address to pay a bill from a prior address before your service will be terminated. SCE does not terminate residential service for non-payment of bills for other classes of service. Termination of electric service requires a Service Connection charge. If you are a residential customer, and claim an inability to pay and payment arrangements have not been extended to you by SCE pursuant to SCE's filed tariffs, you may contact the California Public Utilities Commission (CPUC).

### Rules and rates

SCE's rules and rates are available in full at [www.sce.com](http://www.sce.com) or upon request.

### Late Payment Charge (LPC)

A late payment charge of 0.8% will be applied to the total unpaid balance on your account if full payment is not received by the due date on this bill (except for CARE and state agency accounts).

### Disputed bills

If you think your bill is incorrect, call us and speak with a customer service representative, or if necessary, with a manager. If you feel unsatisfied with the result of such discussion(s), contact the CPUC, Consumer Affairs Branch by mail at: 505 Van Ness, Room 2003, San Francisco, CA 94102; or at: [www.cpuc.ca.gov](http://www.cpuc.ca.gov), 1-800-649-7570, TTY: 1-800-229-6846. Include a copy of your bill, why you believe SCE did not follow its rules and rates, and a check or money order made out to the CPUC for the disputed amount. You must pay the disputed amount, or send it to the CPUC, before the past-due date to avoid disconnection. The CPUC accepts payment only for matters relating directly to bill accuracy. While the CPUC is investigating your complaint, you must pay any new SCE bills that become due.

### Electronic Fund Transfers (EFT)

When you provide a check as payment, you authorize us either to use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as the same day we receive your payment. You will not receive your check back from your financial institution, but the transaction will appear on your financial institution statement. If you do not wish to authorize an electronic fund transfer, please call the 800 number on the front of your bill.

### Definitions

- DWR Bond Charge:** Bonds issued by the Department of Water Resources (DWR) to cover the cost of buying power for customers during the energy crisis are being repaid through this charge.
- SCE Generation:** These charges recover energy procurement and generation costs for that portion of your energy provided by SCE. Beginning April 11, 2010, pursuant to CPUC Decision 10-03-022, Direct Access (DA) is again open to all non-residential customers, subject to annual limits during a four year phase-in period, and absolute limits following the phase-in. All residential customers currently returning to Bundled Service may not elect to return to DA service.
- CA Climate Credit:** Credit from state effort to fight climate change. Applied monthly to eligible businesses and semi-annually to residents.

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: 2-03-189-5097

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

### Direct Payment (Automatic Debit) Enrollment: 2-03-189-5097

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.

Signature \_\_\_\_\_ Date \_\_\_\_\_

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](http://www.sce.com/eaf) or call (800) 205-8596.

Round-up my bill to next whole dollar amount for EAF

Every Month

One Month only

Add this amount for EAF \$ \_\_\_\_\_

Every Month

One Month only

Select one box only and sign below for EAF: \_\_\_\_\_

**Service account** 3-000-4430-87  
**Service address** 808 E LANCASTER BLVD  
LANCASTER, CA 93535

**Rotating outage** Group N001

## Compare the electricity you are using

For meter 254000-004620 from Dec 12 '17 to Jan 11 '18

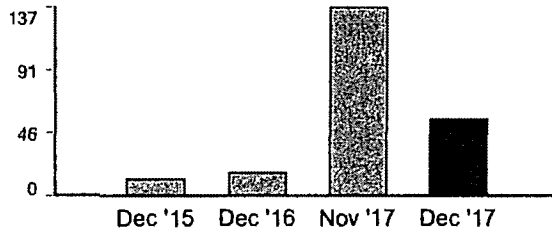
**Total electricity you used this month in kWh** 1,676

Your next billing cycle will end on or about Feb 9 '18.

Maximum demand is 31 kW

	Electricity (kWh)	Demand (kW)
Winter Season		
Mid peak	967	31 (Dec 14 '17 17:00 to 17:15)
Off peak	709	29 (Dec 19 '17 07:15 to 07:30)
<b>Total</b>	<b>1,676</b>	

### Your daily average electricity usage (kWh)



### Usage comparison

	Dec '15	Dec '16	Jan '17	Feb '17	Mar '17	Apr '17	May '17	Jun '17	Jul '17	Aug '17	Sep '17	Oct '17	Nov '17	Dec '17
<b>Total kWh used</b>	369	480	785	2,110	2,451	7,204	9,102	9,981	9,968	12,381	9,436	6,500	4,509	1,676
<b>Number of days</b>	30	29	30	32	29	30	32	30	29	32	29	29	33	30
<b>Appx. average kWh used/day</b>	12	16	26	65	84	240	284	332	343	386	325	224	136	55

## Details of your new charges

Your rate: TOU-PA-2-B (SCE)

Billing period: Dec 12 '17 to Jan 11 '18 (30 days)

### Delivery charges

Facilities rel demand	31 kW x \$11.26000 x 20/30 days	\$232.71
Facilities rel demand	31 kW x \$11.47000 x 10/30 days	\$118.52
<b>Energy-Winter</b>		
Mid peak	584 kWh x \$0.01674	\$9.78
Off peak	191 kWh x \$0.01674	\$3.20
Mid peak	383 kWh x \$0.01339	\$5.13
Off peak	518 kWh x \$0.01339	\$6.94
Customer charge		\$27.75
Customer charge		\$14.38

### Your Delivery charges include:

- \$71.89 transmission charges
- \$321.12 distribution charges
- \$0.06 nuclear decommissioning charges
- \$16.75 public purpose programs charge
- \$7.82 new system generation charge

### Your overall energy charges include:

- \$4.04 franchise fees

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**Details of your new charges (continued)**

**CCA cost responsibility surcharge**

PCIA	775 kWh x \$0.00632	\$4.90
PCIA	901 kWh x \$0.01238	\$11.15
DWR Bond Charge	1,676 kWh x \$0.00549	\$9.20
CTC	775 kWh x -\$0.00023	-\$0.18
CTC	901 kWh x \$0.00047	\$0.42

**Additional Information:**

- Service voltage: 480 volts
- Generation Municipal Surcharge (GMS) factor: 0.009095
- 2014 Vintage CRS

**Other charges or credits**

Generation Municipal Surcharge	\$0.70
--------------------------------	--------

<b>Subtotal of your new charges</b>	<b>\$444.60</b>
-------------------------------------	-----------------

<b>Your new charges</b>	<b>\$444.60</b>
-------------------------	-----------------



**Service account** 3-044-2455-27  
**Service address** 808 E LANCASTER BLVD  
LANCASTER, CA 93535  
**Rotating outage** Group N001

### Details of your new charges

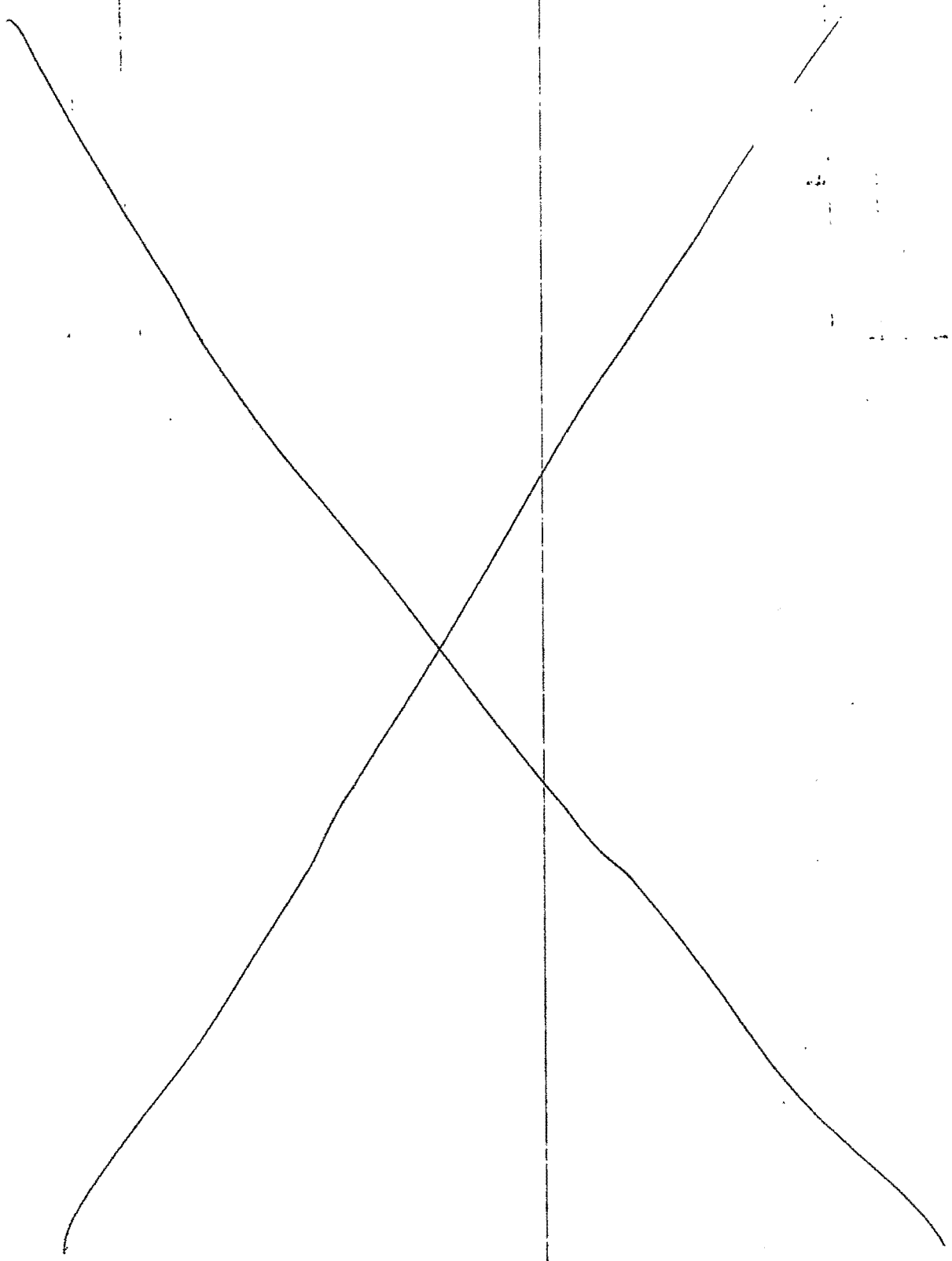
#### LANCASTER CHOICE ENERGY

Your rate: TOU-PA-2-B  
Service Account: 3-044-2455-27  
Billing period: Dec 12 '17 to Jan 11 '18 (30 days)

<b>Generation (Supply) Charges</b>		
10% MARKET DEMAND ADJ		-\$6.60
OFF-PEAK WINTER GEN.	709.26 KWH @ 0.03342	\$23.70
MID-PEAK WINTER GEN.	966.9 KWH @ 0.04373	\$42.28
ENERGY SURCHARGE		\$0.49
<b>Sub-Total of LCE Generation (Supply) Charges</b>		<b>\$59.87</b>
<b>Your New Charges</b>		<b>\$59.87</b>

### Things you should know

**Lancaster Choice Energy Information**  
FOR MORE DETAIL ON YOUR LANCASTER CHOICE ENERGY BILL, CALL US AT 844-288-4523.





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P.O. Box 300  
Rosemead, CA  
91772-0001  
[www.sce.com](http://www.sce.com)

# Your electricity bill

JOSHUA MEMORIAL / Page 1 of 12

For billing and service inquiries call 1-800-974-2356

**DEC 20 2017**

Customer account 2-03-189-5097

Date bill prepared: Dec 14 '17

PO BOX 4055  
DANVILLE, IL 61834-4055

## Your account summary

Previous Balance	\$788.74
Payment Received 12/11	-\$788.74
Balance forward	\$0.00
Your new charges	\$676.47
Late payment charge	\$4.53
<b>Total amount you owe by Jan 2 '18</b>	<b>\$681.00</b>

## Summary of your billing detail

Service account	Service address	Billing period	Your rate	New charges
3-000-4430-87	808 E LANCASTER BLVD LANCASTER, CA	Nov 9 '17 to Dec 12 '17	TOU-PA-2-B (SCE)	\$520.09
3-044-2455-27	808 E LANCASTER BLVD LANCASTER, CA	Nov 9 '17 to Dec 12 '17	TOU-PA-2-B	\$156.38
				<b>\$676.47</b>

Please return the payment stub below with your payment and make your check payable to Southern California Edison.  
If you want to pay in person, call 1-800-747-8908 for locations, or you can pay online at [www.sce.com](http://www.sce.com).

(14-574) Tear here

Tear here



Customer account 2-03-189-5097  
Please write this number on your check. Make your  
check payable to Southern California Edison.

**Amount due by Jan 2 '18** **\$681.00**

Amount enclosed \$

STMT 12142017 P1



JOSHUA MEMORIAL  
PO BOX 4055  
DANVILLE, IL 61834-4055

P.O. BOX 300  
ROSEMEAD, CA 91772-0001

03 189 5097 00000093 000000000000068100000068100

Go paperless at [www.sce.com/ebilling](http://www.sce.com/ebilling). It's fast, easy and secure.

## Contact Information

### Customer service numbers

General Services (U.S. & Canada)	1-800-655-4555
Account Balance & Extensions	1-800-950-2356
Emergency Services & Outages	1-800-611-1911
California Alternate Rates for Energy (CARE)	1-800-447-6620
Electric Industry Restructuring	1-800-789-4723
Energy Theft Hotline	1-800-227-3901
Hearing & Speech impaired (TTY)	1-800-352-8580

### Multicultural services

Cambodian / ភ្នំ	1-800-843-1309
Chinese / 中文	1-800-843-8343
Korean / 韩国	1-800-628-3061
Vietnamese / Tiếng Việt	1-800-327-3031
Spanish / Español	1-800-441-2233

Correspondence: Southern California Edison (SCE)  
P. O. Box 8400, Rancho Cucamonga, CA 91729-8400

## Important information

### Rotating outages

A rotating outage is a controlled electric outage that lasts approximately one hour for a group of circuits, which is used during electric system emergency conditions to avoid widespread or uncontrolled blackouts. Each SCE customer is assigned a rotating outage group, shown on the upper part of the SCE bill. If your rotating outage group begins with the letters A, M, R, S, or X, you are subject to rotating outages. If it begins with N or Exempt, you are not. Your rotating outage group may change at any time. For more information, and to see which rotating outage groups are likely to be called in the event of a system emergency, visit [www.sce.com](http://www.sce.com) or call 1-800-655-4555.

### Options for paying your bill

On-line	<a href="http://www.sce.com">www.sce.com</a> or Electronic Fund Transfer		
Mail-in	Check or Money order		
In Person	Authorized payment locations		1-800-747-8908
Phone	QuickCheck		1-800-950-2356
	Credit Card-Visa/MasterCard*		1-800-254-4123
	Debit Card-ACCEL/NYCE/Pulse/Star*		1-800-254-4123

\*The Credit/Debit card payment options are not available for payment of commercial services or security deposits for commercial services.

You may call us for electronic payment options, to make payment arrangements, or for information on agencies to assist you in bill payment. If service has been disconnected, on the day of the service reconnection, be sure all appliances and other electric devices are turned off. For additional home safety tips, visit [www.sce.com/safety](http://www.sce.com/safety) or you may call SCE Customer Service at 1-800-655-4555.

### Past due bills

Your bill was prepared on December 14, 2017. Your bill is due when you receive it and becomes past due 19 days after the date the bill was prepared. You will have 15 days at your new address to pay a bill from a prior address before your service will be terminated. SCE does not terminate residential service for non-payment of bills for other classes of service. Termination of electric service requires a Service Connection charge. If you are a residential customer, and claim an inability to pay and payment arrangements have not been extended to you by SCE pursuant to SCE's filed tariffs, you may contact the California Public Utilities Commission (CPUC).

### Rules and rates

SCE's rules and rates are available in full at [www.sce.com](http://www.sce.com) or upon request.

### Late Payment Charge (LPC)

A late payment charge of 0.8% will be applied to the total unpaid balance on your account if full payment is not received by the due date on this bill (except for CARE and state agency accounts).

### Disputed bills

If you think your bill is incorrect, call us and speak with a customer service representative, or if necessary, with a manager. If you feel unsatisfied with the result of such discussion(s), contact the CPUC, Consumer Affairs Branch by mail at: 505 Van Ness, Room 2003, San Francisco, CA 94102; or at: [www.cpuc.ca.gov](http://www.cpuc.ca.gov), 1-800-649-7570, TTY: 1-800-229-6846. Include a copy of your bill, why you believe SCE did not follow its rules and rates, and a check or money order made out to the CPUC for the disputed amount. You must pay the disputed amount, or send it to the CPUC, before the past-due date to avoid disconnection. The CPUC accepts payment only for matters relating directly to bill accuracy. While the CPUC is investigating your complaint, you must pay any new SCE bills that become due.

### Electronic Fund Transfers (EFT)

When you provide a check as payment, you authorize us either to use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as the same day we receive your payment. You will not receive your check back from your financial institution, but the transaction will appear on your financial institution statement. If you do not wish to authorize an electronic fund transfer, please call the 800 number on the front of your bill.

### Definitions

- DWR Bond Charge: Bonds issued by the Department of Water Resources (DWR) to cover the cost of buying power for customers during the energy crisis are being repaid through this charge.
- SCE Generation: These charges recover energy procurement and generation costs for that portion of your energy provided by SCE. Beginning April 11, 2010, pursuant to CPUC Decision 10-03-022, Direct Access (DA) is again open to all non-residential customers, subject to annual limits during a four year phase-in period, and absolute limits following the phase-in. All residential customers currently returning to Bundled Service may not elect to return to DA service.
- CA Climate Credit: Credit from state effort to fight climate change. Applied monthly to eligible businesses and semi-annually to residents.

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: 2-03-189-5097

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

### Direct Payment (Automatic Debit) Enrollment: 2-03-189-5097

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.

Signature \_\_\_\_\_ Date \_\_\_\_\_

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](http://www.sce.com/eaf) or call (800) 205-8596.

Round-up my bill to next whole dollar amount for EAF

Every Month

One Month only

Add this amount for EAF \$

Every Month

One Month only

Select one box only and sign below for EAF:

800-655-4555

**Service account** 3-000-4430-87  
**Service address** 808 E LANCASTER BLVD  
LANCASTER, CA 93535

**Rotating outage** Group N001

## Compare the electricity you are using

For meter 254000-004620 from Nov 9 '17 to Dec 12 '17

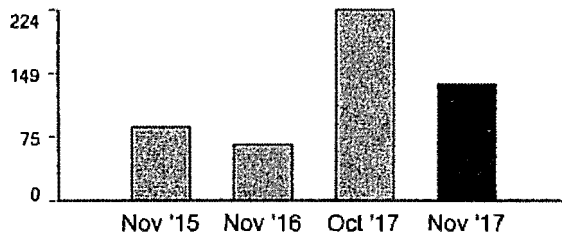
**Total electricity you used this month in kWh** 4,509

Your next billing cycle will end on or about Jan 11 '18.

Maximum demand is 31 kW

	Electricity (kWh)	Demand (kW)	
Winter Season			
Mid peak	2,097	31	(Nov 24 '17 17:00 to 17:15)
Off peak	2,412	30	(Dec 11 '17 07:45 to 08:00)
<b>Total</b>	<b>4,509</b>		

### Your daily average electricity usage (kWh)



### Usage comparison

	Nov '15	Nov '16	Dec '16	Jan '17	Feb '17	Mar '17	Apr '17	May '17	Jun '17	Jul '17	Aug '17	Sep '17	Oct '17	Nov '17
<b>Total kWh used</b>	2,760	2,169	480	785	2,110	2,451	7,204	9,102	9,981	9,958	12,381	9,436	8,500	4,509
<b>Number of days</b>	32	33	29	30	32	29	30	32	30	28	32	29	29	33
<b>Appx. average kWh used/day</b>	85	65	16	26	65	84	240	284	332	343	386	325	224	136

## Details of your new charges

Your rate: TOU-PA-2-B (SCE)

Billing period: Nov 9 '17 to Dec 12 '17 (33 days)

### Delivery charges

Facilities rel demand 31 kW x \$11.26000  
Energy-Winter  
Mid peak 2,097 kWh x \$0.01674  
Off peak 2,412 kWh x \$0.01674  
Customer charge

\$349.06

\$35.10

\$40.38

\$41.63

### CCA cost responsibility surcharge

PCIA 4,509 kWh x \$0.00632  
DWR Bond Charge 4,509 kWh x \$0.00549  
CTC 4,509 kWh x -\$0.00023

\$28.50

\$24.75

-\$1.04

### Your Delivery charges include:

- \$67.09 transmission charges
- \$322.97 distribution charges
- \$0.05 nuclear decommissioning charges
- \$46.62 public purpose programs charge
- \$27.50 new system generation charge

(Continued on next page)

(Continued on next page)

**Details of your new charges** (continued)

**Other charges or credits**

Generation Municipal Surcharge

\$1.71

**Subtotal of your new charges**

\$520.09

**Your new charges**

\$520.09

**Your overall energy charges include:**

- \$4.71 franchise fees

**Additional information:**

- Service voltage: 480 volts
- Generation Municipal Surcharge (GMS) factor: 0.009095
- 2014 Vintage CRS



**Service account** 3-044-2455-27  
**Service address** 808 E LANCASTER BLVD  
LANCASTER, CA 93535  
**Rotating outage** Group N001

## Details of your new charges

### LANCASTER CHOICE ENERGY

Your rate: TOU-PA-2-B  
Service Account: 3-044-2455-27  
Billing period: Nov 9 '17 to Dec 12 '17 (33 days)

#### Generation (Supply) Charges

10% MARKET DEMAND ADJ		-\$17.23
OFF-PEAK WINTER GEN.	2411.26 KWH @ 0.03342	\$80.58
MID-PEAK WINTER GEN.	2097.38 KWH @ 0.04373	\$91.72
ENERGY SURCHARGE		\$1.31
<b>Sub-Total of LCE Generation (Supply) Charges</b>		<b>\$156.38</b>
<b>Your New Charges</b>		<b>\$156.38</b>

## Things you should know

### **Lancaster Choice Energy Information**

FOR MORE DETAIL ON YOUR LANCASTER CHOICE ENERGY BILL, CALL US AT 844-288-4523.



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Please visit us at [www.sce.com](http://www.sce.com)

## SOUTHERN CALIFORNIA EDISON'S (SCE) ELECTRIC RATE OPTIONS

Para solicitar una copia en español de esta notificación, por favor escriba a:  
Southern California Edison  
P.O. Box 800, G.O. 1, Quad 4A  
Rosemead, CA 91770  
á la atención de Comunicaciones Corporativas, o visita [www.sce.com/avisos](http://www.sce.com/avisos).

Below are brief descriptions of the current rate options (or "rate schedules") that SCE offers. The size and type of your business will help determine the rates for which you may qualify. Your current rate schedule appears at the top of your electric bill. For complete details on SCE's business customer rate options and specific pricing, please visit [www.sce.com/rateoptions](http://www.sce.com/rateoptions), or call us at 1-800-990-7788.

### SMALL AND MEDIUM-SIZED COMMERCIAL CUSTOMERS

**General Service Non-Demand (GS-1):** This rate schedule is for small business customers without an advanced meter, are located on Santa Catalina Island, and whose monthly maximum demand does not regularly exceed 20 kilowatts (kW). GS-1 has a monthly customer charge and energy charges (\$ per kilowatt hours (kWh) consumed) that vary by summer and winter seasons, with higher charges in the summer.

**General Service (TOU-GS-1):** This rate schedule is for small business customers whose monthly maximum demand does not regularly exceed 20 kilowatts (kW) and includes a customer charge and energy charges that vary by time-of-use (TOU) and season. Rates are lowest during off-peak hours, higher during mid-peak hours, and highest during on-peak hours of noon to 6:00 p.m., summer weekdays, excluding holidays. The following TOU options are available to TOU-GS-1 customers: Option A, Option B, Option CPP, and Option CPP-Lite (please refer to the "Optional Rates" section for details). Customers can save money by shifting usage to off-peak hours.

**General Service Demand (GS-2):** This rate schedule is for medium-sized customers without an advanced meter, are located on Santa Catalina Island, and with expected or registered monthly demands above 20 kW to below 200 kW. GS-2 includes monthly demand (measured in kW) charges, in addition to a monthly customer charge. This rate has a summer energy charge that is higher than the winter energy charge. GS-2 energy charges (\$ per kWh consumed) vary by summer and winter seasons.

**Time-of-Use General Service Demand Metered (TOU-GS-2):** This rate schedule is for medium-sized customers with expected or registered monthly demands above 20 kW to below 200 kW and includes a customer charge and energy charges that vary by season and time of use, with the highest rates during the on-peak hours of noon to 6:00 p.m. summer weekdays, excluding holidays. The following options are available to TOU-GS-2 customers: Option A, Option B, Option R Option CPP, and Option CPP-Lite (please refer to the "Optional Rates" section for details). Customers can save money by shifting usage to off-peak hours.

**General Service Small/Medium, Real-Time Pricing (TOU-GS-1-RTP & TOU-GS-2-RTP):** These optional rates are available to small and medium-sized commercial customers based on their registered demands. Under RTP, customers are billed hourly electricity prices that vary based on the time of day, season and temperature, where the prices are known a day in advance. These rates are beneficial to bundled service customers (those whose electric power, transmission, distribution, billing, metering and related services are provided by SCE) with the flexibility to manage or reduce their energy usage in response to a time and temperature-variant price schedule.

### LARGE COMMERCIAL AND INDUSTRIAL CUSTOMERS

**Time-of-Use General Service - Demand Metered (TOU-GS-3):** This rate schedule is for large commercial and industrial customers with registered monthly demands of 200 kW to 500 kW. The following options are available to TOU-GS-3 customers: Option A, Option B, Option R and Option CPP (please refer to the "Option Descriptions" section for details).

**Time-of-Use General Service - Demand Metered - Super Off-Peak (TOU-GS-3-SOP):** This optional rate is for customers who qualify for TOU-GS-3, and includes a "super off-peak" period from midnight to 6:00 a.m. year-round, when energy rates are lowest.

**Time-of-Use General Service - Large (TOU-8):** This rate schedule is for large commercial and industrial customers who regularly register demands greater than 500 kW, including (but not limited to) large manufacturers and processors, retail stores, colleges or universities, hospitals and office buildings. The following options are

available to TOU-8 customers: Option A, Option B, Option R and Option CPP (please refer to the "Optional Rates" section for details). Note: Option A for TOU-8 is limited to customers employing cold ironing, permanent load shifting or the charging of zero emissions electric transportation intended for the transport of people or goods.

**Time-of-Use General Service - Large - Standby (TOU-8-S):** This rate schedule is mandatory for most customers who would otherwise (absent their generating facility) be eligible for service under Schedule TOU-8 and who supply a part or all of their electrical requirements from a generating facility as defined, interconnected, and operated in accordance with SCE's Rule 21, Wholesale Distribution Access Tariff (WDAT) or Transmission Owners (TO) tariff, but who will require electric service from SCE's electrical system during periods of a partial or complete outage of the customer's generating facility. This rate schedule has two options: Option A and Option B. Option A is available exclusively to customers receiving service under Schedule RES-BCT.

**Time-of-Use General Service - Large - Reliability Back-Up Service (TOU-8-RBU):** This rate schedule is applicable to TOU-8 customers who request an additional metered service connection at their premises solely for reliability or back-up purposes. Customers pay for the additional electric facilities under a separate Added Facilities agreement with SCE.

**General Service - Large, Real-Time Pricing (TOU-GS-3-RTP, TOU-8-RTP, and TOU-8-RTP-S):** These optional rates are available to commercial customers based on their registered demands. Under RTP, customers are billed hourly electricity generation prices that vary based on the time of day, season and temperature. This rate is beneficial to bundled service customers with the flexibility to manage or reduce their energy usage in response to a time and temperature-variant price schedule.

### OPTIONAL RATES

The following rate options may apply to Schedules TOU-GS-1, TOU-GS-2, TOU-GS-3 and TOU-8 customers:

**Option A for Schedules TOU-GS-2 and TOU-GS-3:** With the exception of TOU-GS-1, this option includes Facilities-Related Demand (FRD) charges in addition to time-variant on-, mid- and off-peak energy charges, but no time-related demand (TRD) charges. FRD charges reflect the cost of transmission and distribution facilities built to meet customers' peak power demands and are applied all year round. Option A for TOU-GS-1 uses distribution energy charges (\$/kWh) instead of FRD charges.

**Option A for Schedule TOU-8:** This option is limited to customers employing cold ironing, permanent load shift technologies or the charging of zero emissions electric transportation intended for the transport of people or goods. This option includes energy rates that vary by time-of-use and season, highest during on-peak hours of noon to 6:00 p.m., summer weekdays (excluding holidays). The energy rates are lowest during off-peak hours. This option also includes FRD charges, and does not include TRD charges.

**Option B:** This option includes TRD charges and energy rates that vary by time-of-use and season, and are highest during on-peak hours of noon to 6:00 p.m., summer weekdays (excluding holidays). The energy rates are lowest during off-peak hours. This option also includes FRD charges.

**Option R (Renewable) for Schedules TOU-GS-2, TOU-GS-3 and TOU-8:** This option is for customers who installed qualifying renewable (solar, wind, fuel cells, etc.) energy generation systems, and meet the eligibility requirements. Option R applies and is available to business customers with demands greater than 20 kW (but not exceeding four megawatts (MW)) who install, own or operate eligible on-site renewable energy generation systems with net renewable generating capacities equal to or greater than 15 percent of the customer's annual peak demand as recorded over the previous 12 months. The Option R rate structure has no on-peak or mid-peak TRD charges, a reduced FRD charge and increased on-peak and mid-peak energy charges. Participation on Option R is limited to a cumulative installed distributed generation output capacity of 400 MW for all eligible rate schedules.

**Critical Peak Pricing (CPP):** This optional rate is limited to bundled service customers and offers a credit on monthly on-peak demand charges during the summer months. When electricity wholesale prices climb, SCE will activate 12 CPP "events" (weekdays from 2:00-6:00 p.m., excluding holidays) during which energy charges are established at significantly higher levels. However, if customers reduce or reschedule usage to non-event hours, overall annual electricity costs may be reduced. Participants also receive bill protection for the first 12 months of participation. Customers participating in this program may select a Capacity Reservation Level, or choose a "Lite" option depending on their demand level.

Visit [www.sce.com/notices](http://www.sce.com/notices) to check for monthly bill inserts which may include notice of actions and other important information.

## AGRICULTURAL AND PUMPING CUSTOMERS

Eligibility for all SCE agricultural and pumping rate schedules requires that 70 percent or more of the customer's electrical usage is for Agricultural Power Service, general water or sewerage pumping, or for oil pumping customers with a Standard Industrial Classification (SIC) Code of 1311. Except for accounts that have signed Form 14-317 or Form 14-927, accounts greater than 500 kW are ineligible for service under an agricultural and pumping rate and must take service on Schedule TOU-8. Individual water agency accounts or other water pumping accounts with demands above 500 kW where 70 percent or more of the water pumped is for agricultural purposes must sign Form 14-317, which will require the account to remain on an agricultural and pumping rate schedule. Agricultural customers that are (1) packing houses that pack only whole fruits or vegetables, and associated cold storage on the same premises as the packing houses; (2) cotton gins; (3) nut hulling and shelling operations; or (4) producers of unflavored milk fit for human consumption by way of pasteurization, homogenization, vitaminization or fat standardization must sign Form 14-927 to qualify for an agricultural and pumping rate schedule. General water and sewerage pumping service accounts with demands 500 kW or below are required to sign Form 14-946 in order to take service under an agricultural and pumping rate.

**Power – Agricultural and Pumping – Connected Load Basis (PA-1):** This rate schedule is available only to customers located on Santa Catalina Island without an advanced meter. This rate schedule has a monthly service charge based on the amount of connected load, and a flat-rate energy (kWh) charge, and applies to accounts with registered demand less than 200 kW and with connected load of less than 268 hp.

**Power – Agricultural and Pumping – Demand Metered (PA-2):** This rate schedule is available only to customers located on Santa Catalina Island without an advanced meter. This rate schedule, which applies to accounts with registered demand less than 200 kW, has a FRD charge, a summer TRD charge, and seasonal energy charges.

**Time-of-Use Agricultural and Pumping - Small to Medium (TOU-PA-2):** This rate schedule is mandatory for accounts with registered demands below 200 kW. Energy rates vary by season and time of day, with the highest rates during on-peak hours of noon to 6:00 p.m. on summer weekdays, excluding holidays. Customers can choose an option with a FRD charge or an option with FRD and TRD on-peak and mid-peak charges to optimize their energy savings. Customers can save money by shifting usage to off-peak hours. A Wind Machine credit is available to eligible customers who incur winter season usage exclusively for Wind Machine operations.

**Time-of-Use Agricultural and Pumping - Large (TOU-PA-3):** This rate schedule is for customers with registered demands of 200 kW through 500 kW. Energy rates vary by season and time of day, with the highest rates during on-peak hours of noon to 6:00 p.m. on summer weekdays, excluding holidays. Customers can choose an option with a FRD charge or an option with FRD and TRD on-peak and mid-peak charges to optimize their energy savings.

**Time-of-Use Agricultural and Pumping Internal Combustion Engine Conversion Program (TOU-PA-ICE):** This rate schedule is closed to new customers. This rate schedule permits qualified customers to receive line extension allowances and discounted monthly charges for converting internal combustion engines (fueled by diesel, gasoline, propane or butane – not natural gas) used for pumping water to electric motors. Bill discounts received under this rate schedule will decrease by three equal increments over a two-year period and conclude on January 1, 2018.

**Time-of-Use Agricultural and Pumping Super Off-Peak – Demand Metered (TOU-PA-2-SOP and TOU-PA-3-SOP):** These optional rates are similar to TOU-PA-2 and TOU-PA-3, but include a shorter summer season (three months), a shorter on-peak period (four hours), significantly higher TRD charges, and a "super off-peak" period from midnight to 6:00 a.m., every day, year-round, when energy rates are lowest. Customers can select one of the following summer season options: 1) July 1 to October 1 or 2) June 1 to September 1. A Time Management Load Control (TMLC) device which provides the option to interrupt the customer's operations is available at the customer's expense.

**Agricultural and Pumping – Large Real-Time Pricing (TOU-PA-2-RTP and TOU-PA-3-RTP):** These optional rates are beneficial to agricultural and water pumping bundled service customers who have the flexibility to manage or reduce energy usage based on a time and temperature-driven price schedule. Customers are billed hourly generation prices that vary based on the time of day, season and temperature.

## STREET AND AREA LIGHTING CUSTOMERS

**Area Lighting 2 (AL-2):** This rate schedule is for customers who use electricity during dusk-to-dawn hours (usually from 5:30 p.m. to 6:00 a.m.) for outdoor area lighting purposes other than street or highway lighting. AL-2 has a low energy rate that reflects lower costs associated with the off-peak usage patterns of customers who use outdoor lighting.

**Domestic Walkway Lighting (DWL):** This rate schedule applies to unmetered light-

ing of walkways and other common areas of condominiums, cooperatives and other residential projects with individually metered, single family accommodations. DWL is only available to customer accounts established on or prior to December 10, 1978, and is closed to new customer installations.

**Lighting – Street and Highway 1 (LS-1):** This rate schedule applies to unmetered street and highway lighting where SCE owns, operates and maintains the street lighting facilities. Lamp charges are based on type and size of lamp. Customers may choose between "All Night" or "Midnight" service. LS-1 is also available to publicly-owned and operated parking lots open to the general public. LS-1's Option E, Energy Efficiency - Light Emitting Diode (LED) Fixture Replacement, is available to customers who elect to have SCE replace its existing street lighting HPSV fixtures with more efficient LED street lighting fixtures to achieve energy efficiency benefits for the customer. Customers must sign an agreement to qualify for this Option and will be subject to a 20-year Energy Efficiency Premium Charge designed to recover the initial capital expenditure associated with LED street light replacements.

**Lighting – Street and Highway 2 (LS-2):** This rate schedule applies to unmetered street and highway lighting where the customer owns and maintains the street lighting facilities. Customers may choose between "All Night" or "Midnight" service. LS-2 is also available to publicly-owned and operated parking lots open to the general public.

**Lighting – Street and Highway 3 (LS-3):** This rate schedule applies to street and highway lighting where the customer owns and maintains the street facilities as with LS-2, except the electrical service is metered by SCE. This rate schedule has two options: Option A and Option B. Option A is closed to new customers, and is available to existing customers with usage incurred exclusively within the period from dusk to dawn. No daytime usage is permitted under Option A. Option B is available to new and existing customers, and allows for incidental load, as defined.

**Outdoor Lighting (OL-1):** This rate schedule applies to unmetered outdoor area lighting service, excluding street and highway lighting, where SCE owns, operates and maintains the lighting facilities. Customers may choose between "All Night" or "Midnight" service. Normally for wood pole installations only.

**Traffic Control (TC-1):** This rate schedule applies to metered single-phase and three-phase service for traffic directional signs or traffic signal systems located on streets or highways. TC-1 can be used for railway crossings and track signals, and other public thoroughfare lighting, such as bus stop shelters, under certain conditions, that is used 24 hours per day or is not controlled by switching equipment.

## MISCELLANEOUS RATES

**Charge Ready Program Pilot:** This optional schedule applies to qualified non-residential customers who elect to participate in the Charge Ready Program Pilot and who own, lease or manage the site where the qualified charging stations, in the quantity approved by SCE, are installed. Participating customers must have an Edison SmartConnect meter or interval data recorded meter to registering charging station load and must be served on an applicable General Service Time-of-Use rate to participate on this schedule.

**Local Government Renewable Energy Self-Generation Bill Credit Transfer (RES-BCT):** This schedule is optional for bundled service customers who meet the definition of a local government or campus, as defined in the special conditions section of this schedule, and who own and operate an eligible renewable generating facility, as defined in the special conditions section of this schedule, with a total effective generation capacity of not more than 5 megawatts (MW). The generating facility must be interconnected to SCE's grid pursuant to SCE's Tariff Rule 21. The generating account and benefiting account(s) designated by the participating local government or campus must be located within the geographical boundaries of the local government or campus, receive retail service from SCE on a time-of-use (TOU) rate schedule, and have billing services performed by SCE. This schedule allows local governments or campuses to generate energy from an eligible renewable generating facility for its own use and to export energy not consumed at the time of generation to SCE's grid. All generation exported to SCE's grid is converted into bill credits and applied to the benefiting accounts designated by the local government or campus to offset generation energy charges. Service under this schedule is provided on a first-come, first-served basis until a cap of 124,591 MW is reached.

**Net Energy Metering (NEM, NEM-ST and FC-NEM):** These optional rates serve customers who install eligible renewable generating facilities on their premises for the purpose of generating electricity to offset part or all of their own electrical requirements. A customer must produce electricity with a generating facility using any of the renewable sources listed in Section 25741 of the Public Resources Code or fuel cells as defined in PU Code Section 2827.10. The generating facility must be sized to offset a portion or all of the customer's own electrical requirements, up to a maximum generating capacity of 1 MW or less. Customers must execute a NEM Interconnection Agreement prior to receiving service under one of these rate schedules. To be eligible for service under Schedule FC-NEM, the customer must commence operation

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of the generating facility prior to January 1, 2022 or the date SCE reaches its FCNEM program cap. Service under Schedule NEM was closed to new customers on July 1, 2017. Beginning July 1, 2017, NEM-ST (NEM Successor Tariff) is available to customers and the same program details apply as NEM with some differences. The generating facility still must be sized to offset a portion or all of the customer's own electrical requirements; yet the generating capacity of 1 MW or less no longer applies; Interconnection fees now apply; and residential customers are required to be served on a time-of-use rate, certain exceptions apply.

\*The renewable sources included in Section 25741 of the Public Resources Code are biomass, solar thermal, photovoltaic, wind, geothermal, fuel cells using renewable fuels, small hydroelectric generation digester gas, municipal solid waste conversion, landfill gas, ocean wave, ocean thermal, or tidal current, and any additions or enhancement to the facility using these technologies.

**Virtual Net Energy Metering for Multi-Tenant and Multi-Meter Properties (NEM-V and NEM-V-ST):** This optional rate is applicable to qualified customers whose service account(s) are located within a multi-tenant and multi-meter property that includes all residential, commercial and industrial properties on which an eligible generator(s) has been installed at the same service delivery point and for which the owner or operator of the property contracts with SCE to have all eligible energy produced by the eligible generator and exported to the grid supplied to SCE for the sole purpose of providing allocated credits to service accounts served by the same service delivery point as the generator within the property. Service under Schedule NEM-V closed to new customers on July 1, 2017. Beginning July 1, 2017, NEM-V-ST (NEM-V Successor Tariff) is available to customers and the same program details apply as NEM-V with some differences. The generating facility still must be sized to offset a portion or all of the customer's own electrical requirements; yet the generating capacity of 1 MW or less no longer applies; Interconnection fees now apply; and residential customers are required to be served on a time-of-use rate, certain exceptions apply.

**Green Tariff Shared Renewables – Green Rate (GTSR GR):** This rate option is available to Bundled Service customers who elect to participate in one of two optional GTSR programs for the purposes of having SCE procure additional renewable resources from GTSR facilities to meet customer subscriptions. This rate option is available on a first-come, first served basis until the earlier of the date that customer subscriptions served under the Green Rate and Community Renewables programs reach 269 megawatts or January 1, 2019.

**Green Tariff Shared Renewables – Community Renewables (GTSR CR):** This rate option is available to Bundled Service customers who elect to participate in one of two optional GTSR program for the purposes of receiving a bill credit from SCE to reflect the customer's subscription in a Community Renewables (CR) facility. Customers electing this option must enter into a Customer Developer Agreement (CDA) with the developer of the CR Facility to which the customer wishes to subscribe and consent to the developer providing information about the customer's subscription to SCE on a regular basis in order for SCE to accurately bill the customer. This rate option is available on a first-come, first-served basis until the earlier of the date that customer subscriptions served under the Community Renewables and Green Rate programs reach 269 megawatts or January 1, 2019.

**Combined Heat and Power Excess Energy Purchase (CHP):** This rate option is available to customers who own and operate an eligible Combined Heat and Power (CHP) system with a generation capacity up to 20 MW, for which SCE will purchase the excess generation electricity output of these systems.

**Renewable Market Adjusting Tariff (Re-MAT):** This schedule implements the renewable resource feed-in tariff program pursuant to PU Code Section 399.20, and is available on a first-come, first served basis up to a program cap of 226 MW. To be eligible for Re-MAT, a project must be physically located within SCE's electric service territory, be interconnected to SCE's electric distribution system, be an eligible renewable energy resource as defined in PU Code Section 399.12, be a Qualifying Facility as defined by the FERC, and have a contract capacity that does not exceed 3 MW.

**BioEnergy Market Adjusting Tariff (BioMAT):** This schedule implements the renewable bioenergy resource feed-in tariff program pursuant to PU Code Section 399.20, and is available on a first-come, first served basis up to a program cap of 114.5 MW. To be eligible for BioMAT, a project must be physically located within SCE's electric service territory, be interconnected to SCE's electric distribution system, be an eligible renewable energy resource as defined in PU Code Section 399.12, be a Qualifying Facility as defined by the FERC, and have a contract capacity that does not exceed 3 MW.

**Standby (Schedule S) for Customers with Demands Less than 500 kW:** This rate schedule is mandatory for many customers who self-generate all of, or a portion of, their electrical power from their own on-site generating facilities, for both retail and

wholesale customers. Under Schedule S, SCE provides "standby" service, meaning that SCE is ready to provide service when the customer's generator is not in operation, which is usually during scheduled or unscheduled outages (other than power outages or rotating outages). Schedule S ensures that businesses are not compromised when their generators are not operating.

**Time-of-Use Electric Vehicle (TOU-EV-3, TOU-EV-4, and TOU-EV-6):** These rate schedules are designed for customers who own and operate electric vehicle(s) (EVs) and use EV chargers. TOU-EV-3 is applicable to customers with demands of 20 kW or less, TOU-EV-4 is applicable to customers with demands above 20 kW but not exceeding 500 kW, TOU-EV-6 is applicable to customers with demand expected to exceed 500 kW or has exceeded 500 kW. Customers can save money by charging their EVs between 9:00 p.m. and noon.

**Wireless Fidelity Rate (Wi-Fi-1):** This rate schedule is applicable to cities, counties and qualified commercial providers of wireless Wi-Fi Internet service. Schedule Wi-Fi-1 allows cities, counties and qualified commercial providers of wireless Wi-Fi Internet service to attach Wi-Fi transmitting devices to SCE-owned streetlights, and to power such devices with unmetered, single-phase electric service so that these entities can provide Wi-Fi Internet service in the communities they serve. The total load per attachment cannot exceed 35 watts, and the cumulative limit of 35 watts cannot be exceeded for every two adjacent poles on the same (looped) circuit where Wi-Fi devices are installed.

**Wireless Technology Rate (WTR):** This contract rate option is available as a single-phase and three-phase service to customers in wireless technology industries and to utility customers deploying advanced metering infrastructure who require electric service to operate radio repeaters or similar devices (wireless communication devices). Devices must be mounted on existing SCE facilities, or other facilities approved by SCE. All service under WTR is unmetered.

## DEMAND RESPONSE PROGRAMS

**Demand Response (DR) programs** provide electricity bill savings and payments to customers who voluntarily reduce their energy usage and/or demand when requested by SCE during program events, or who allow SCE to temporarily interrupt their load. These special events typically occur in the summer, when wholesale electricity costs are high, or anytime when the local electrical systems are constrained. These programs help SCE lower energy procurement costs and maintain system reliability, and give customers an opportunity to conserve energy and lower their electric bills.

**Agricultural and Pumping Interruptible (AP-I):** This program provides a year-round monthly credit to eligible agricultural and pumping customers with a measured demand of 37 kW or greater, or with at least 50 hp of connected load, who elect to allow SCE to temporarily interrupt electric service to their total service account load served via a radio-controlled device.

**Capacity Bidding Program (CBP):** This is a month-to-month, contract-based demand response bidding program in which participants are paid a monthly incentive to agree to reduce load by a pre-determined amount during Demand Response events with day-of or day-ahead notification. Participants receive a monthly incentive payment based on the amount of load reduction (capacity) nominated each month, plus energy payments for actual energy reduction, based on kWh reduced for each hour, when an event is called. Contract incentives and shortfall energy and capacity charges vary based on month, program and kW participation level. Customers may contract with SCE directly, or may participate through a third-party aggregator. This program is for bundled service or Direct Access customers with interval billing meters.

**Demand Bidding Program (DBP):** This is a year-round bidding program that offers business customers an incentive for voluntarily reducing power when a DBP event is called. DBP is for bundled service and Direct Access business customers. Customers can earn credits on their bill by simply placing a bid and reducing energy usage when a DBP event is called. The less energy used during events, the larger the incentive. There are no penalties for submitting a bid and not reducing energy usage; however, customers who fail to perform will not receive an incentive. DBP is scheduled to retire on December 31, 2017.

**Aggregator Management Program (AMP):** SCE has contracted with several third-party demand response service providers (or aggregators) to provide demand response load reductions similar to the CBP, but on a long-term basis. The AMP portfolio consists of aggregators that are contracted to provide SCE with demand response load curtailment that SCE may call at its discretion. Each aggregator designs its own programs, and can offer unique, customer-specific pricing and options that may not be directly available through SCE. Customers eligible for aggregation can

select an aggregator whose offering best meets their needs. For a list of aggregators under contract with SCE, please visit [www.sce.com/drp](http://www.sce.com/drp). AMP is scheduled to retire on December 31, 2017.

**Optional Binding Mandatory Curtailment Program (OBMC):** This option exempts customers located on a single distribution circuit from most rotating outages when they agree to reduce their load on the circuit during any rotating outage. An OBMC plan, which details how the entire circuit's load will be reduced by up to 15 percent during each rotating outage, must be submitted to SCE. There is no monetary incentive to participate, but customers may be subject to excess energy charges for not achieving the required circuit load reduction of up to 15 percent.

**Scheduled Load Reduction Program (SLRP):** This option provides a bill credit per kWh of qualified load drop to bundled service customers who complete a contract to reduce load by a predetermined amount on pre-selected weekdays, during summer season hours. Customers with an average monthly demand of 100 kW or greater must reduce at least 15 percent of maximum demand (but not less than 100 kW) for each hour during pre-scheduled days and times. Other reduction amounts may be selected from one of three optional timeframes.

**Summer Discount Plan (SDP):** This program provides a bill credit to customers during the summer season to allow SCE to install a radio-controlled switch on their central air conditioners. In exchange, customers permit SCE to temporarily turn off or "cycle" their central air conditioner compressor(s) during periods of peak demand or electrical system constraints, when directed by the CAISO, SCE Grid Operations or SCE Energy Operations. This program is limited to customers who have working central air conditioning system(s) with an SCE control device, and who are located in areas where the SCE control device can receive the SCE signal.

**Time-of-Use Base Interruptible Program (TOU-BIP):** This year-round, reliability-based program is for large commercial and industrial customers who can reduce their electrical usage to a pre-determined amount, also called the "Firm Service Level" (FSL), within 15 or 30 minutes of notice from SCE. The rate is available to customers whose monthly maximum demand or aggregated monthly maximum demand reaches or exceeds 200 kW and who commit to curtail at least 15 percent, but not less than 100 kW, of their maximum demand per period of interruption. In exchange, customers receive a monthly capacity (per kW) credit incentive but are subject to excess energy charges for non-performance during an event. Customers may also aggregate their own accounts, or do so through a third-party aggregator.

With limitations, customers may participate in more than one demand response program, for additional incentives. For more information, visit [www.sce.com/drp](http://www.sce.com/drp).

## ELECTRIC INDUSTRY RESTRUCTURING RATE SCHEDULES

Customers electing Customer Choice Aggregation, Direct Access or self-generation are subject to SCE's delivery, departing load charges, and Cost Responsibility Surcharges.

**Bundled Service Customer Interval Meter Ownership (BSC-IMO):** This optional rate is for bundled service customers who replace an existing meter or install retrofit metering facilities in accordance with Schedule CC-DSF. Meter reading services and billing services will be provided solely by SCE.

**Cost Responsibility Surcharge (DA-CRS, CCA-CRS, CGDL-CRS, DAEBSC-CRS):** Cost Responsibility Surcharges (CRS) are applicable to Customer Generation Departing Load (CGDL), Direct Access (DA) Service customers, Community Aggregation (CA) customers, and Community Choice Aggregation (CCA) customers. It is also applicable to DA customers and DA-eligible customers who are receiving bundled service (DAEBSC-CRS).

**Customer Choice Discretionary Service Fees (CC-DSF):** This option is for Direct Participation Demand Response (DPDR), DA, CA and CCA Service customers purchasing metering services; Bundled Service customers electing a rate option that requires the use of Interval Data Recorder (IDR) metering facilities; or customers requesting IDR metering and/or metering facilities in substitution for or in addition to standard facilities.

**Community Choice Aggregator Service Fees (CCA-SF):** This rate schedule provides service fees applicable to Community Choice Aggregators participating in CCA Service. Certain service fees may apply to CCA Service customers.

**Departing Load (DL-NBC, NMDL, TMDL):** Departing Load is that portion of SCE's customer's electric load for which the customer (a) discontinues or reduces its purchases of electricity supply and delivery services from SCE; (b) purchases or consumes electricity supplied and delivered by sources other than SCE to replace such SCE purchases; and (c) remains physically located at the same location or within SCE's service area as it existed on December 20, 1995. Reduction in load qualifies as Departing Load only to the extent that such load is subsequently served with electricity from a source other than SCE. However, load that is eligible for net energy metering is not departing load.

**Generation Municipal Surcharge (GMS):** This rate schedule is applicable to DA customers, CCA Service customers, CA customers, or any SCE Delivery Service customer who receives generation service from a supplier other than SCE. Certain exemptions may apply.

**Direct Access (DA) Service:** Direct Access refers to any end-use SCE customer electing to procure its electricity directly from an Electric Service Provider (ESP). Beginning April 1, 2010, pursuant to CPUC Decision 10-03-022, Direct Access (DA) is again open to all non-residential customers, subject to annual limits during a four year phase-in period, and absolute limits following the phase-in.

**Community Choice Aggregation Service (CCA Service):** This rate schedule applies to cities, counties, a Joint Power Authority (JPA), and certain other public agencies whose governing boards have elected to act as Community Choice Aggregators and can purchase and sell electricity on behalf of utility customers within their service area(s). Under CCA Service, a Community Choice Aggregator is solely responsible for procuring and providing for the electric power needs (including ancillary services) of its customers, ensuring resource adequacy and renewable portfolio requirements for these customers, and scheduling and settling with the California Independent System Operator (CAISO). CCAs are required to meet certain requirements with the CPUC in addition to meeting financial and technical requirements with SCE. CCA customers are subject to additional charges as explained in CCA-CRS, and CCA-SF.

**Direct Participation Demand Response Service (DPDR Service):** DPDR Service is offered by the CAISO and allows a Demand Response Provider (DRP) or a retail customer to participate or "bid-in" directly into the CAISO wholesale energy market for compensation by the CAISO, in accordance with the market awards and dispatch instructions established by the CAISO.

Below are brief descriptions of various rate options for Southern California Edison's (SCE) residential customers.

SCE provides these descriptions to help customers understand what rate options are available to help manage monthly electric bills. Your current rate is listed on your electric bill. Your bill separates the costs of generation and costs related to the delivery of electricity. The charges for generation include costs related to the operation of SCE's electric generating plants, plus the cost of purchasing power from other sources. The California Department of Water Resources (DWR) obtained electricity on behalf of SCE. SCE has repaid the cost of the associated contracts and is now returning the cash reserves held to support the contracts through the DWR Energy Credit. The credit will end once the reserves are fully repaid to customers. Eligibility requirements, terms and conditions apply and may vary for each rate schedule.

Please refer to SCE's Tariff Books for a complete list of terms and conditions of service at [www.sce.com/tariffbooks](http://www.sce.com/tariffbooks) or call us at 1-800-655-4555 to see if you qualify for one of the energy and money-saving rates below.

## RESIDENTIAL RATE SCHEDULES

**Domestic (D):** This rate schedule serves domestic customers and is applicable to those who are individually metered by SCE and who live in single-family accommodations or individually metered single-family dwellings in a Multifamily Accommodation (e.g., houses, townhouses, condominiums, apartments, rental units, manufactured houses or mobile homes). Schedule D has a lower energy rate for all electricity used up to the Baseline\* amount. Energy used up to this point is considered Tier 1 usage. Electricity used above Baseline (Tiers 2 and 3) is priced higher. Schedule D also has a daily Basic Charge and Minimum Charge that are independent of the energy charges and cover a portion of costs for services such as meter reading and customer billing. Beginning January 1, 2017, any usage that exceeds 400% of your baseline allocation will be charged at the High Usage Charge rate.

### \* Baseline

"Baseline" refers to a specific amount of energy allocated to residential customers for the essential portion of energy use for such things as lighting, cooking, heating and refrigeration. The baseline allocation, or Tier 1 usage, is charged at a lower rate than energy used in excess of that amount. As usage increases beyond the Tier 1 allocation, the price for energy in each subsequent tier is charged at a higher rate. This rate structure is meant to incentivize energy conservation. California's regulated energy utilities are mandated to allocate a Baseline quantity to each residential customer, based on that customer's geographic area, the season (winter or summer), and whether the customer has a single source of energy (i.e., if the customer's home is "all electric") or a combination of gas and electric ("basic" service). Customers can check the "Details of your new charges" section of their bills to see which tier their usage falls into each month.

Medical Baseline is an additional allowance of kilowatt hours (kWh) charged at the Baseline rate, and is available to customers or their household members who require the regular use of electrical life support or essential medical equipment, or have a qualifying illness. The standard Medical Baseline allocation is 16.5 kWh per day, in

addition to the daily Baseline allocation residential customers receive.

**Schedule D customers may be eligible for other rate options that could further lower their electric bills, such as:**

**Domestic Summer Discount Plan (D-SDP):** This plan is applicable to domestic service customers residing in individually metered, single-family accommodations with central air conditioning, in which a portion of the customer's electrical air conditioning load is subject to disconnection, as initiated by an SDP Event Trigger, from SCE's service by SCE through a direct load control device, with or without optional customer-controlled override capabilities. This plan is not applicable to customers receiving a Medical Baseline Allocation for air conditioning. To participate in this plan, customers must have an appropriate SCE-direct load control device installed, programmed, and activated.

**Domestic - California Alternate Rates for Energy (D-CARE):** This program provides reduced rates for income-qualified customers. Schedule D-CARE rates are approximately 30 percent lower than rates contained in Schedule D. Household income must be at or less than the CARE income guidelines, defined as 200 percent of the Federal Poverty Guidelines. Qualifying income guidelines are shown on the CARE application. This rate may also be applicable with other residential rate schedules.

**Domestic - Family Electric Rate Assistance (D-FERA):** This program offers a discounted rate to income-qualified households. There must be a minimum of three or more persons residing in a household and the total household income must be at or less than 250 percent of the Federal Poverty Guidelines. Schedule D-FERA rates are on average 12 percent lower than rates contained in Schedule D. Qualifying income guidelines are shown on the FERA application. FERA is not available to CARE customers.

**Edison SmartConnect Opt-Out - ESC-OO:** This rate is available to residential customers who do not wish to have a wireless, communicating meter, known as Edison SmartConnect<sup>®</sup> meter, installed at their Premises (hereafter, "Opt-Out Customers"). Under this schedule, Opt-Out Customers shall receive service using the meter or meter form that had been installed at the customer's Premises prior to the installation of an Edison SmartConnect meter (i.e. analog or non-analog, non-smart digital meter). There is a one-time initial fee and a reoccurring monthly fee to opt-out.

**Critical Peak Pricing (CPP):** The CPP rate offers a discount during the summer months for bundled service customers (those whose electric power, transmission, distribution, billing, metering and related services are provided by SCE). The customer must have an interval meter or an Edison SmartConnect<sup>®</sup> program-ready meter. When electricity demand and prices climb, SCE will activate CPP "events" (weekdays from 2:00 p.m. - 6:00 p.m., excluding holidays) during which energy charges increase significantly. However, if customers reduce or reschedule usage to lower demand times of day during these events, CPP may help lower electric bills. Participants receive bill protection for the first 12 months. Customers who receive Medical Baseline allocation(s), customers served under Schedule TOU-EV-1, or customers served under the Peak Time Rebate Enhanced Technology Direct Load Option (PTR-ET-DLC) option are not eligible for service under this rate.

**Customers who use most of their electricity during "off-peak" hours could benefit from a Time-of-Use (TOU) rate schedule.**

**Time-of-Use Domestic (TOU-D):** Schedule TOU-D has two rate options: Option A and Option B. Option A is for lower-usage customers, while Option B is for higher-usage customers. Option A contains fixed charges similar to Schedule D, but has a baseline credit and higher energy charges. Option B has no baseline credit, a fixed charge, and lower energy charges. TOU-D is applicable to customers eligible for service under Schedule D, Schedule D-CARE, and Schedule D-FERA. Lower rates may be achieved with Schedule TOU-D if the customer reduces usage between the on-peak period of 2:00 p.m. and 8:00 p.m. weekdays, except holidays. Schedule TOU-D is available subject to a cap of 200,000 customer accounts. Customers who have electric vehicle load that is separately metered under Schedule TOU-EV-1 are ineligible for service under this Schedule for the TOU-EV-1 account.

**Time-of-Use Tiered Domestic (TOU-D-T):** Schedule TOU-D-T is a seasonal time-of-use rate with a level pricing structure (Level 1 is up to 130% of Baseline, and Level 2 is more than 130% of Baseline). TOU-D-T is applicable to customers eligible for service under Schedule D and D-CARE. Lower rates may be achieved with TOU-D-T if the customer reduces usage between the on-peak period of 12:00 p.m. and 6:00 p.m. weekdays, except holidays.

**Time of Use - Domestic Pilot Program (TOU-DPP):** Schedule TOU-DPP is available to bundled service domestic customers who are selected by SCE and who affirmatively elect to participate in this pilot program. Customers must consent to a

change of rate and to be placed on one of four options at SCE's discretion. Participation in Schedule TOU-DPP is available to customers enrolled under Schedules D, D-CARE and DFERA. Customers enrolled in Schedules DE, ESC-OO, MB-E, NEM, TOU-D, or TOU-D-T, or who are enrolled in the Level Pay Plan or a PTR-ET-DLC option, are ineligible to participate in this pilot program. Schedule TOU-DPP will expire on December 31, 2017.

**Time-of-Use Electric Vehicle (TOU-EV-1):** This rate is designed for residential customers who charge their electric vehicle(s) at their primary residence, on a separate meter provided by SCE. On-peak hours for TOU-EV-1 are noon to 9:00 p.m., all year, every day; off-peak hours are all other hours. Under this schedule, customers receive substantial savings if they charge their electric vehicle(s) during off-peak hours.

**Peak-Time Rebate Enhanced Technology Direct Load Control (PTR-ET-DLC):** This is an optional program offering rebates to bundled service customers who elect to allow direct load control for SCE to reduce their energy consumption during PTR-ET-DLC events. The customer must have an Edison SmartConnect<sup>®</sup> program-ready meter. PTR-ET-DLC is not applicable to customers served under Schedules CPP, Option CPP of Schedules TOU-D or TOU-D-T, or customers receiving Medical Baseline allocation(s) for air conditioning. PTR-ET-DLC events take place between 2:00 p.m. and 6:00 p.m. on non-holiday weekdays. The PTR Option and PTR-ET Standard Option are closed to new and existing customers as of April 20, 2017.

**Bundled Service Customer Interval Meter Ownership (BSC-IMO):** This option is available to Bundled Service Customers (BSC) who replace an existing meter or install retrofit metering facilities in accordance with Schedule CC-DSF (see below). Meter reading services and billing services under this schedule are provided solely by SCE. A BSC is a customer who is not served under DA.

**Cost Responsibility Surcharge (DA-CRS, CCA-CRS, CGDL-CRS, DAEB-SC-CRS):** Cost Responsibility Surcharges (CRS) are applicable to Customer Generation Departing Load (CGDL), Direct Access (DA) Service customers, Community Aggregation (CA) customers, and Community Choice Aggregation (CCA) customers. It is also applicable to DA customers and DA-eligible customers who are receiving bundled service (DAEBSC-CRS).

**Community Choice Aggregation Service (CCA Service):** Cities, counties, a Joint Power Authority (JPA), and certain other public agencies whose governing boards have elected to act as Community Choice Aggregators can purchase and sell electricity on behalf of utility customers within their service area(s). Under CCA Service, a Community Choice Aggregator is solely responsible for procuring and providing for the electric power needs (including ancillary services) of its customers, ensuring resource adequacy and renewable portfolio requirements for these customers, and scheduling and settling with the California Independent System Operator (CAISO). Community Choice Aggregators are required to meet certain requirements with the CPUC in addition to meeting financial and technical requirements with SCE. CCA customers are subject to additional charges as explained in Schedules CCA-CRS and CCA-SF.

**Direct Participation Demand Response Service (DPDR Service):** DPDR Service is offered by the CAISO and allows a Demand Response Provider (DRP) or a retail customer to participate or "bid-in" directly into the CAISO wholesale energy market for compensation by the CAISO, in accordance with the market awards and dispatch instructions established by the CAISO.

**Customer Choice Discretionary Service Fees (CC-DSF):** This rate schedule is applicable to DPDR, DA, CA, and CCA Service customers purchasing metering services; Bundled Service customers electing a rate option that requires the use of interval data recorder (IDR) metering facilities; or customers requesting IDR metering and/or metering facilities in substitution for or in addition to standard facilities.

**Generation Municipal Surcharge (GMS):** This rate is applicable to DA customers, CCA Service customers, CA customers, or any SCE Delivery Service customer who receives generation service from a supplier other than SCE. Certain exemptions may apply.

**Multifamily Affordable Solar Housing Virtual Net Metering (MASH-VNM and MASH-VNM-ST):** This rate is applicable to qualified customers whose service account(s) is located at an income-qualified residential complex on the same premises upon which one or more eligible generators are installed, and where the owner or operator of the complex contracts with SCE to have all of the eligible energy produced from the generator supplied to SCE for the purpose of providing allocated credits (in kilowatt-hours (kWh)) to the residential complex's common area and/or tenant service accounts to offset energy usage. The owner or operator is also eligible for up-front incentives, subject to funding availability. Service under Schedule MASH-VNM was closed to new customers on July 1, 2017. Beginning July 1, 2017, MASH-

VNM-ST (MASH-VNM Successor Tariff) is available to customers and the same program details apply as MASH-VNM with some differences. The generating facility still must be sized to offset a portion or all of the customer's own electrical requirements; yet the generating capacity of 1 MW or less no longer applies; interconnection fees now apply; and residential customers are required to be served on a time-of-use rate, certain exceptions apply.

**Net Energy Metering (NEM, NEM-ST and FC-NEM):** These optional rates serve customers who install eligible renewable generating facilities on their premises for the purpose of generating electricity to offset part or all of their own electrical requirements. A customer must produce electricity with a generating facility using any of the renewable sources listed in Section 25741 of the Public Resources Code\* or fuel cells as defined in PU Code Section 2827.10. The generating facility must be sized to offset a portion or all of the customer's own electrical requirements, up to a maximum generating capacity of 1 MW or less per premises. Customers must execute a NEM Interconnection Agreement prior to receiving service under one of these rate schedules. To be eligible for service under Schedule FC-NEM, the customer must commence operation of the generating facility prior to January 1, 2022 or the date SCE reaches its FC-NEM program cap. Service under Schedule NEM was closed to new customers on July 1, 2017. Beginning July 1, 2017, NEM-ST (NEM Successor Tariff) is available to customers and the same program details apply as NEM with some differences. The generating facility still must be sized to offset a portion or all of the customer's own electrical requirements; yet the generating capacity of 1 MW or less no longer applies; interconnection fees now apply; and residential customers are required to be served on a time-of-use rate, certain exceptions apply.

**Virtual Net Energy Metering for Multi-Tenant and Multi-Meter Properties (NEM-V and NEM-V-ST):** This optional rate is applicable to qualified customers whose service account(s) are located within a multi-tenant and multi-meter property that includes all residential, commercial and industrial properties on which an eligible generator(s) has been installed at the same service delivery point and for which the owner or operator of the property contracts with SCE to have all eligible energy produced by the eligible generator and exported to the grid supplied to SCE for the sole purpose of providing allocated credits to service accounts served by the same service delivery point as the generator within the property. Service under Schedule NEM-V was closed to new customers on July 1, 2017. Beginning July 1, 2017, NEM-V-ST (NEM-V Successor Tariff) is available to customers and the same program details apply as NEM-V with some differences. The generating facility still must be sized to offset a portion or all of the customer's own electrical requirements; yet the generating capacity of 1 MW or less no longer applies; interconnection fees now apply; and residential customers are required to be served on a time-of-use rate, certain exceptions apply.

**Green Tariff Shared Renewables – Green Rate (GTSR GR):** This rate option is available to Bundled Service customers who elect to participate in one of two optional GTSR programs for the purposes of having SCE procure additional renewable resources from GTSR facilities to meet customer subscriptions. This rate option is available on a first-come, first served basis until the earlier of the date that customer subscriptions served under the Green Rate and Community Renewables programs reach 269 megawatts or January 1, 2019.

**Green Tariff Shared Renewables – Community Renewables (GTSR CR):** This rate option is available to Bundled Service customers who elect to participate in one of two optional GTSR program for the purposes of receiving a bill credit from SCE to reflect the customer's subscription in a Community Renewables (CR) facility. Customers electing this option must enter into a Customer Developer Agreement (CDA) with the developer of the CR Facility to which the customer wishes to subscribe and consent to the developer providing information about the customer's subscription to SCE on a regular basis in order for SCE to accurately bill the customer. This rate option is available on a first-come, first-served basis until the earlier of the date that customer subscriptions served under the Community Renewables and Green Rate programs reach 269 megawatts or January 1, 2019.

\*The renewable sources included in Section 25741 of the Public Resources Code are biomass, solar thermal, photovoltaic, wind, geothermal, fuel cells using renewable fuels, small hydroelectric generation digester gas, municipal solid waste conversion, landfill gas, ocean wave, ocean thermal, or tidal current, and any additions or enhancement to the facility using these technologies.

#### APARTMENT BUILDING, MOBILE HOME, RV PARK CUSTOMERS

**Multifamily Accommodation – Residential Hotel - Qualifying RV Park (DM):** This rate option applies to service for multifamily accommodations with a single SCE meter (individual residences are not sub-metered), such as:

- \* Apartment buildings and duplexes constructed on or before June 13, 1978; and
- \* Residential hotels and qualifying RV parks.
- \* Multi-family accommodations built prior to December 7, 1981 and served under this rate schedule may also be eligible for service under Schedule DMS-1.

The rate schedules below are available when a single SCE meter serves multiple

residences, and each single-family dwelling has a submeter provided by a landlord who owns and reads each submeter and bills the tenant(s) the same rates that SCE would have charged if the tenant(s) had an SCE meter and was directly billed by SCE. The submeters are used to measure and bill for electricity used by the tenants of each single-family dwelling separately.

**Domestic Service Multifamily Accommodation – Submetered (DMS-1):** This rate is for multi-family accommodations with submeters. DMS-1 is closed to new construction as of December 7, 1981, but any building constructed for or converted to residential use prior to December 7, 1981, or served on Schedule DM prior to December 7, 1981, or any non-residential building converted to residential use after December 7, 1981 for which the conversion did not require a building permit, is eligible to take service under DMS-1 if submeters are installed in the building.

**Domestic Service Mobile Home Park Multifamily Accommodation – Submetered (DMS-2):** This option is available for mobile home parks, manufactured housing communities or owner lot recreational vehicle (RV) parks on a single premise with individually submetered units. DMS-2 is closed to new mobile home parks, manufactured housing communities and owner lot RV parks for which construction commenced after January 1, 1997.

**Domestic Service Qualifying RV Park Accommodation – Submetered (DMS-3):** This option is for qualifying RV parks where all the spaces in the entire park, or all the RV spaces in a specific section of the park, are occupied by RV units used as permanent residences; reserved for prepaid month-to-month tenants; and submetered.

**Cost Responsibility Surcharge (DA-CRS, CCA-CRS, CGDL-CRS, DAEB-SC-CRS):** Cost Responsibility Surcharges (CRS) are applicable to Customer Generation Departing Load (CGDL) and Direct Access (DA) Service customers, Community Aggregation (CA) customers, and Community Choice Aggregation (CCA) customers. It is also applicable to DA customers and DA-eligible customers who are receiving bundled service (DAEBSC-CRS).

**Community Choice Aggregation Service (CCA Service):** Cities, counties, a Joint Power Authority (JPA), and certain other public agencies whose governing boards have elected to act as Community Choice Aggregators can purchase and sell electricity on behalf of utility customers within their service area(s). Under CCA Service, a Community Choice Aggregator is solely responsible for procuring and providing for the electric power needs (including ancillary services) of its customers, ensuring resource adequacy and renewable portfolio requirements for these customers, and scheduling and settling with the California Independent System Operator (CAISO). Community Choice Aggregators are required to meet certain requirements with the CPUC in addition to meeting financial and technical requirements with SCE. CCA customers are subject to additional charges as explained in Schedules CCA-CRS and CCA-SF.

**Direct Participation Demand Response Service (DPDR Service):** DPDR Service is offered by the CAISO and allows a Demand Response Provider (DRP) or a retail customer to participate or "bid-in" directly into the CAISO wholesale energy market for compensation by the CAISO, in accordance with the market awards and dispatch instructions established by the CAISO.

**Customer Choice Discretionary Service Fees (CC-DSF):** This rate schedule is applicable to DPDR, DA, CA, and CCA Service customers purchasing metering services; Bundled Service Customers electing a rate option that requires the use of interval data recorder (IDR) metering facilities; or customers requesting IDR metering and/or metering facilities in substitution for or in addition to standard facilities.

**Generation Municipal Surcharge (GMS):** This rate is applicable to DA customers, CCA Service customers, CA customers, or any SCE Delivery Service customer who receives generation service from a supplier other than SCE. Certain exemptions may apply.

**Bundled Service Customer Interval Meter Ownership (BSC-IMO):** This option is available to Bundled Service Customers (BSC) (those whose electric power, transmission, distribution, billing, metering and related services are provided by SCE) who replace an existing meter or install retrofit metering facilities in accordance with Schedule CC-DSF. Meter reading services and billing services under this schedule are provided solely by SCE. A BSC is a customer who is not served under Direct Access.

These descriptions are meant to be an aid to understanding SCE's rate schedules and programs for SCE customers only. They do not replace information contained in the CPUC-approved tariffs. Please refer to SCE's tariff books for a complete list of terms and conditions of service available online at [www.sce.com/rateoptions](http://www.sce.com/rateoptions).

For more information about any of SCE's rate options, please call 1-800-990-7788, or visit [www.sce.com/rateoptions](http://www.sce.com/rateoptions), or write to:

Southern California Edison  
P.O. Box 800  
Rosemead, CA 91770



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# Your electricity bill

JOSHUA MEMORIAL / Page 1 of 6

For billing and service inquiries call 1-800-974-2356

Customer account 2-03-189-5097

Date bill prepared: Nov 14 '17

PO BOX 4055  
DANVILLE, IL 61834-4055

NOV 20 2017

## Your account summary

Previous Balance	\$1,182.63
Payment Received 11/01	-\$1,182.63
Balance forward	\$0.00
Your new charges	\$788.74
<b>Total amount you owe by Dec 4 '17</b>	<b>\$788.74</b>

## Summary of your billing detail

Service account	Service address	Billing period	Your rate	New charges
3-000-4430-87	808 E LANCASTER BLVD LANCASTER, CA	Oct 11 '17 to Nov 9 '17	TOU-PA-2-B (SCE)	\$565.95
3-044-2455-27	808 E LANCASTER BLVD LANCASTER, CA	Oct 11 '17 to Nov 9 '17	TOU-PA-2-B	\$222.79
				<b>\$788.74</b>

Please return the payment stub below with your payment and make your check payable to Southern California Edison.  
If you want to pay in person, call 1-800-747-8908 for locations, or you can pay online at [www.sce.com](http://www.sce.com).

(14-574) Tear here

Tear here



Customer account 2-03-189-5097  
Please write this number on your check. Make your  
check payable to Southern California Edison.

Amount due by Dec 4 '17 **\$788.74**

Amount enclosed \$

STMT 11142017 P1



JOSHUA MEMORIAL  
PO BOX 4055  
DANVILLE, IL 61834-4055

P.O. BOX 300  
ROSEMEAD, CA 91772-0001

03 189 5097 00000094 0000000000000078874000078874

Go paperless at [www.sce.com/ebilling](http://www.sce.com/ebilling). It's fast, easy and secure.



## Contact Information

### Customer service numbers

General Services (U.S. & Canada)	1-800-655-4555
Account Balance & Extensions	1-800-950-2356
Emergency Services & Outages	1-800-611-1911
California Alternate Rates for Energy (CARE)	1-800-447-6620
Electric Industry Restructuring	1-800-799-4723
Energy Theft Hotline	1-800-227-3901
Hearing & Speech Impaired (TTY)	1-800-352-8580

### Multicultural services

Cambodian / ភ្នំ	1-800-843-1309
Chinese / 中文	1-800-843-8343
Korean / 한국어	1-800-628-3061
Vietnamese / Tiếng Việt	1-800-327-3031
Spanish / Español	1-800-441-2233

Correspondence: Southern California Edison (SCE)  
P. O. Box 8400, Rancho Cucamonga, CA 91729-6400

## Important information

### Rotating outages

A rotating outage is a controlled electric outage that lasts approximately one hour for a group of circuits, which is used during electric system emergency conditions to avoid widespread or uncontrolled blackouts. Each SCE customer is assigned a rotating outage group, shown on the upper part of the SCE bill. If your rotating outage group begins with the letters A, M, R, S, or X, you are subject to rotating outages. If it begins with N or Exempt, you are not. Your rotating outage group may change at any time. For more information, and to see which rotating outage groups are likely to be called in the event of a system emergency, visit [www.sce.com](http://www.sce.com) or call 1-800-655-4555.

### Options for paying your bill

On-line	<a href="http://www.sce.com">www.sce.com</a> or Electronic Fund Transfer	
Mail-in	Check or Money order	
In Person	Authorized payment locations	1-800-747-8908
Phone	QuickCheck	1-800-950-2356
	Credit Card-Visa/MasterCard*	1-800-254-4123
	Debit Card-ACCEL/NYCE/Pulse/Star*	1-800-254-4123

\*The Credit/Debit card payment options are not available for payment of commercial services or security deposits for commercial services.

You may call us for electronic payment options, to make payment arrangements, or for information on agencies to assist you in bill payment. If service has been disconnected, on the day of the service reconnection, be sure all appliances and other electric devices are turned off. For additional home safety tips, visit [www.sce.com/safety](http://www.sce.com/safety) or you may call SCE Customer Service at 1-800-655-4555.

### Past due bills

Your bill was prepared on November 14, 2017. Your bill is due when you receive it and becomes past due 19 days after the date the bill was prepared. You will have 15 days at your new address to pay a bill from a prior address before your service will be terminated. SCE does not terminate residential service for non-payment of bills for other classes of service. Termination of electric service requires a Service Connection charge. If you are a residential customer, and claim an inability to pay and payment arrangements have not been extended to you by SCE pursuant to SCE's filed tariffs, you may contact the California Public Utilities Commission (CPUC).

### Rules and rates

SCE's rules and rates are available in full at [www.sce.com](http://www.sce.com) or upon request.

### Late Payment Charge (LPC)

A late payment charge of 0.8% will be applied to the total unpaid balance on your account if full payment is not received by the due date on this bill (except for CARE and state agency accounts).

### Disputed bills

If you think your bill is incorrect, call us and speak with a customer service representative, or if necessary, with a manager. If you feel unsatisfied with the result of such discussion(s), contact the CPUC, Consumer Affairs Branch by mail at: 505 Van Ness, Room 2003, San Francisco, CA 94102; or at: [www.cpuc.ca.gov](http://www.cpuc.ca.gov), 1-800-649-7570; TTY: 1-800-229-6846; Include a copy of your bill, why you believe SCE did not follow its rules and rates, and a check or money order made out to the CPUC for the disputed amount. You must pay the disputed amount, or send it to the CPUC, before the past-due date to avoid disconnection. The CPUC accepts payment only for matters relating directly to bill accuracy. While the CPUC is investigating your complaint, you must pay any new SCE bills that become due.

### Electronic Fund Transfers (EFT)

When you provide a check as payment, you authorize us either to use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as the same day we receive your payment. You will not receive your check back from your financial institution, but the transaction will appear on your financial institution statement. If you do not wish to authorize an electronic fund transfer, please call the 800 number on the front of your bill.

### Definitions

- DWR Bond Charge: Bonds issued by the Department of Water Resources (DWR) to cover the cost of buying power for customers during the energy crisis are being repaid through this charge.
- SCE Generation: These charges recover energy procurement and generation costs for that portion of your energy provided by SCE. Beginning April 11, 2010, pursuant to CPUC Decision 10-03-022, Direct Access (DA) is again open to all non-residential customers, subject to annual limits during a four year phase-in period, and absolute limits following the phase-in. All residential customers currently returning to Bundled Service may not elect to return to DA service.
- CA Climate Credit: Credit from state effort to fight climate change. Applied monthly to eligible businesses and semi-annually to residents.

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: 2-03-189-5097

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

Direct Payment (Automatic Debit) Enrollment: 2-03-189-5097

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.

Signature \_\_\_\_\_ Date \_\_\_\_\_

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](http://www.sce.com/eaf) or call (800) 205-8596.

Round-up my bill to next whole dollar amount for EAF

Add this amount for EAF \$ \_\_\_\_\_

Select one box only and sign below for EAF:

Every Month

One Month only

Every Month

One Month only

11/14/2017 10:00 AM FAX 1-800-655-4555



**Service account** 3-000-4430-87  
**Service address** 808 E LANCASTER BLVD  
 LANCASTER, CA 93535

**Rotating outage** Group N001

## Compare the electricity you are using

For meter 254000-004620 from Oct 11 '17 to Nov 9 '17

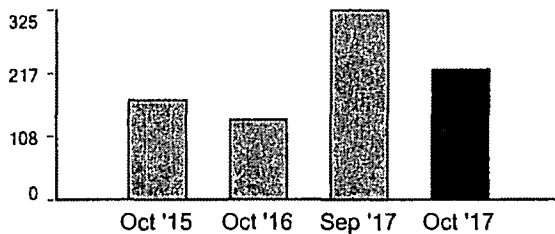
**Total electricity you used this month in kWh** **6,500**

Your next billing cycle will end on or about Dec 12 '17.

	Electricity (kWh)	Demand (kW)	
Winter Season			
Mid peak	2,740	28	(Nov 6 '17 15:00 to 15:15)
Off peak	3,760	30	(Oct 23 '17 02:15 to 02:30)
<b>Total</b>	<b>6,500</b>		

Maximum demand is 30 kW

### Your daily average electricity usage (kWh)



### Usage comparison

	Oct '15	Oct '16	Nov '16	Dec '16	Jan '17	Feb '17	Mar '17	Apr '17	May '17	Jun '17	Jul '17	Aug '17	Sep '17	Oct '17
Total kWh used	5,124	3,987	2,169	480	785	2,110	2,451	7,204	9,102	9,981	9,968	12,381	9,436	6,500
Number of days	30	29	33	29	30	32	29	30	32	30	29	32	29	29
Appx. average kWh used/day	170	137	65	16	26	65	84	240	284	332	343	386	325	224

## Details of your new charges

Your rate: TOU-PA-2-B (SCE)

Billing period: Oct 11 '17 to Nov 9 '17 (29 days)

### Delivery charges

Facilities rel demand	30 kW x \$11.26000	\$337.80
Energy-Winter		
Mid peak	2,740 kWh x \$0.01674	\$45.87
Off peak	3,760 kWh x \$0.01674	\$62.94
Customer charge		\$41.63

### Your Delivery charges include:

- \$60.29 transmission charges
- \$318.22 distribution charges
- \$0.07 nuclear decommissioning charges
- \$67.21 public purpose programs charge
- \$39.65 new system generation charge

### CCA cost responsibility surcharge

PCIA	6,500 kWh x \$0.00632	\$41.08
DWR Bond Charge	6,500 kWh x \$0.00549	\$35.69
CTC	6,500 kWh x -\$0.00023	-\$1.50

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(Continued on next page)

## Details of your new charges (continued)

**Other charges or credits**

Generation Municipal Surcharge	\$2.44
--------------------------------	--------

Subtotal of your new charges	\$565.95
------------------------------	----------

Your new charges	\$565.95
------------------	----------

**Your overall energy charges include:**

- \$5.13 franchise fees

**Additional information:**

- Service voltage: 480 volts
- Generation Municipal Surcharge (GMS) factor: 0.009095
- 2014 Vintage CRS



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JOSHUA MEMORIAL / Page 5 of 6

Service account 3-044-2455-27  
Service address 808 E LANCASTER BLVD  
LANCASTER, CA 93535

Rotating outage Group N001

### Details of your new charges

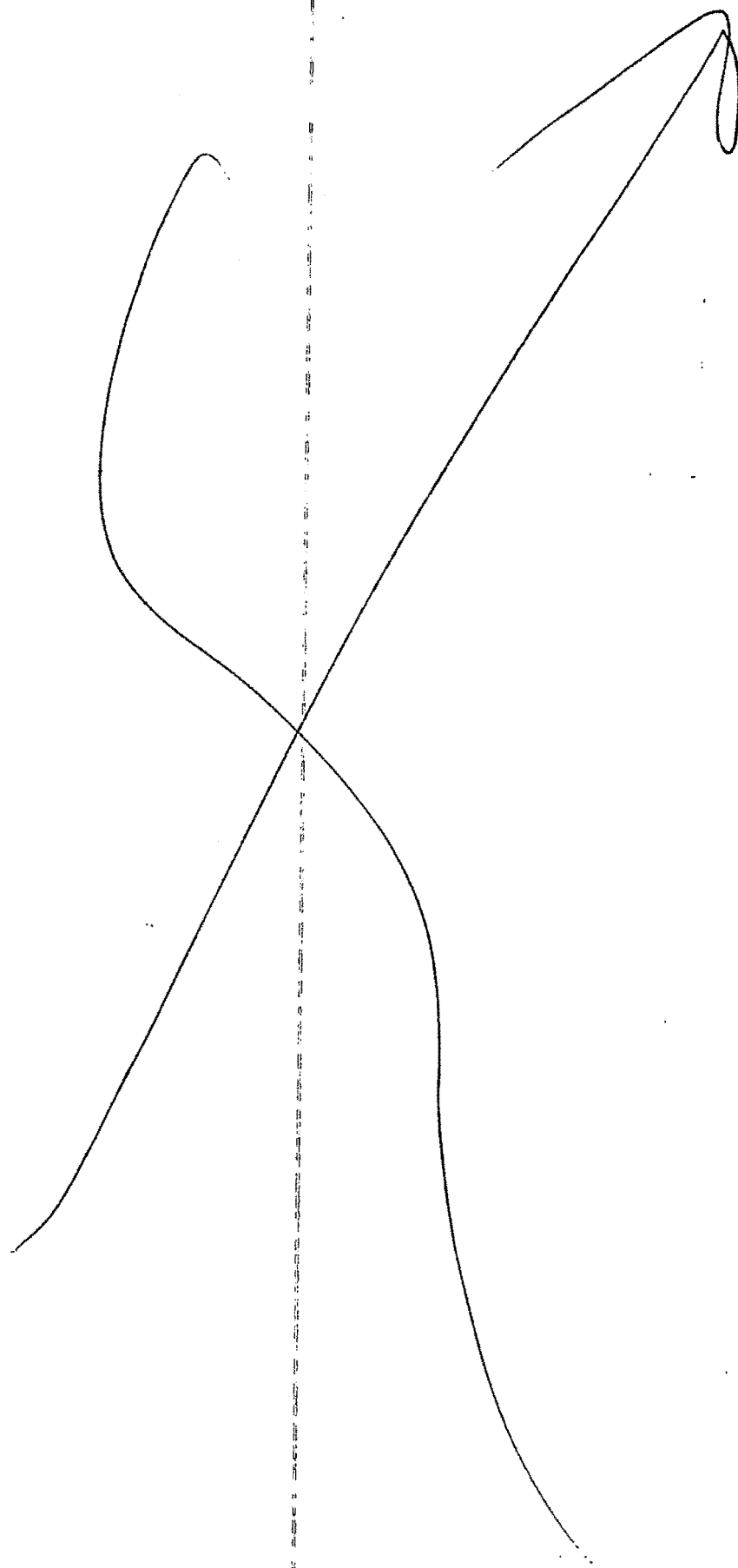
#### LANCASTER CHOICE ENERGY

Your rate: TOU-PA-2-B  
Service Account: 3-044-2455-27  
Billing period: Oct 11 '17 to Nov 9 '17 (29 days)

<b>Generation (Supply) Charges</b>		
10% MARKET DEMAND ADJ		-\$24.55
OFF-PEAK WINTER GEN.	3759.53 KWH @ 0.03342	\$125.64
MID-PEAK WINTER GEN.	2739.99 KWH @ 0.04373	\$119.82
ENERGY SURCHARGE		\$1.88
<hr/> Sub-Total of LCE Generation (Supply) Charges		<hr/> \$222.79
<b>Your New Charges</b>		<b>\$222.79</b>

### Things you should know

**Lancaster Choice Energy Information**  
FOR MORE DETAIL ON YOUR LANCASTER CHOICE ENERGY BILL, CALL US AT 844-288-4523.





Go paperless at [www.sce.com/ebilling](http://www.sce.com/ebilling). It's fast, easy and secure.

P.O. Box 300  
Rosemead, CA  
91772-0001  
[www.sce.com](http://www.sce.com)

# Your electricity bill

JOSHUA MEMORIAL / Page 1 of 8

For billing and service inquiries call 1-800-974-2356

Customer account 2-03-189-5097

Date bill prepared: Oct 13 '17

PO BOX 4055  
DANVILLE, IL 61834-4055

OCT 17 2017

## Your account summary

Previous Balance	\$1,525.57
Payment Received 10/02	-\$1,525.57
Balance forward	\$0.00
Your new charges	\$1,182.63
<b>Total amount you owe by Nov 1 '17</b>	<b>\$1,182.63</b>

## Summary of your billing detail

Service account	Service address	Billing period	Your rate	New charges
3-000-4430-87	808 E LANCASTER BLVD LANCASTER, CA	Sep 12 '17 to Oct 11 '17	TOU-PA-2-B (SCE)	\$611.17
3-044-2455-27	808 E LANCASTER BLVD LANCASTER, CA	Sep 12 '17 to Oct 11 '17	TOU-PA-2-B	\$571.46
				<b>\$1,182.63</b>

## Things you should know

**You may notice a change in your billing statement....**

Effective 10/1/2017, the billing rates used to calculate your bill have been modified. For more information, please visit [www.sce.com/bill\\_change](http://www.sce.com/bill_change).

Please return the payment stub below with your payment and make your check payable to Southern California Edison.  
If you want to pay in person, call 1-800-747-8908 for locations, or you can pay online at [www.sce.com](http://www.sce.com).

(14-574) Tear here

Tear here



Customer account 2-03-189-5097  
Please write this number on your check. Make your  
check payable to Southern California Edison.

Amount due by Nov 1 '17 **\$1,182.63**

Amount enclosed \$

STMT 10132017 P1



JOSHUA MEMORIAL  
PO BOX 4055  
DANVILLE, IL 61834-4055

P.O. BOX 300  
ROSEMEAD, CA 91772-0001

03 189 5097 00000095 000000000000118263000118263

Go paperless at [www.sce.com/ebilling](http://www.sce.com/ebilling). It's fast, easy and secure.

## Contact Information

### Customer service numbers

General Services (U.S. & Canada)	1-800-655-4555
Account Balance & Extensions	1-800-950-2356
Emergency Services & Outages	1-800-611-1911
California Alternate Rates for Energy (CARE)	1-800-447-6620
Electric Industry Restructuring	1-800-789-4723
Energy Theft Hotline	1-800-227-3901
Hearing & Speech Impaired (TTY)	1-800-352-8580

### Multicultural services

Cambodian / ភ្នំ	1-800-843-1309
Chinese / 中文	1-800-843-8343
Korean / 한국어	1-800-628-3061
Vietnamese / Tiếng Việt	1-800-327-3031
Spanish / Español	1-800-441-2233

Correspondence: Southern California Edison (SCE)  
P. O. Box 6400, Rancho Cucamonga, CA 91729-6400

## Important information

### Rotating outages

A rotating outage is a controlled electric outage that lasts approximately one hour for a group of circuits, which is used during electric system emergency conditions to avoid widespread or uncontrolled blackouts. Each SCE customer is assigned a rotating outage group, shown on the upper part of the SCE bill. If your rotating outage group begins with the letters A, M, R, S, or X, you are subject to rotating outages. If it begins with N or Exempt, you are not. Your rotating outage group may change at any time. For more information, and to see which rotating outage groups are likely to be called in the event of a system emergency, visit [www.sce.com](http://www.sce.com) or call 1-800-655-4555.

### Options for paying your bill

On-line	<a href="http://www.sce.com">www.sce.com</a> or Electronic Fund Transfer	
Mail-in	Check or Money order	
In Person	Authorized payment locations	1-800-747-8908
Phone	QuickCheck	1-800-950-2356
	Credit Card-Visa/MasterCard*	1-800-254-4123
	Debit Card-ACCEL/NYCE/Pulse/Star*	1-800-254-4123

\*The Credit/Debit card payment options are not available for payment of commercial services or security deposits for commercial services.

You may call us for electronic payment options, to make payment arrangements, or for information on agencies to assist you in bill payment. If service has been disconnected, on the day of the service reconnection, be sure all appliances and other electric devices are turned off. For additional home safety tips, visit [www.sce.com/safety](http://www.sce.com/safety) or you may call SCE Customer Service at 1-800-655-4555.

### Past due bills

Your bill was prepared on October 13, 2017. Your bill is due when you receive it and becomes past due 19 days after the date the bill was prepared. You will have 15 days at your new address to pay a bill from a prior address before your service will be terminated. SCE does not terminate residential service for non-payment of bills for other classes of service. Termination of electric service requires a Service Connection charge. If you are a residential customer, and claim an inability to pay and payment arrangements have not been extended to you by SCE pursuant to SCE's filed tariffs, you may contact the California Public Utilities Commission (CPUC).

### Rules and rates

SCE's rules and rates are available in full at [www.sce.com](http://www.sce.com) or upon request.

### Late Payment Charge (LPC)

A late payment charge of 0.8% will be applied to the total unpaid balance on your account if full payment is not received by the due date on this bill (except for CARE and state agency accounts).

### Disputed bills

If you think your bill is incorrect, call us and speak with a customer service representative, or if necessary, with a manager. If you feel unsatisfied with the result of such discussion(s), contact the CPUC, Consumer Affairs Branch by mail at: 505 Van Ness, Room 2003, San Francisco, CA 94102; or at: [www.cpuc.ca.gov](http://www.cpuc.ca.gov), 1-800-649-7570, TTY: 1-800-229-6846. Include a copy of your bill, why you believe SCE did not follow its rules and rates, and a check or money order made out to the CPUC for the disputed amount. You must pay the disputed amount, or send it to the CPUC, before the past-due date to avoid disconnection. The CPUC accepts payment only for matters relating directly to bill accuracy. While the CPUC is investigating your complaint, you must pay any new SCE bills that become due.

### Electronic Fund Transfers (EFT)

When you provide a check as payment, you authorize us either to use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as the same day we receive your payment. You will not receive your check back from your financial institution, but the transaction will appear on your financial institution statement. If you do not wish to authorize an electronic fund transfer, please call the 800 number on the front of your bill.

### Definitions

- DWR Bond Charge: Bonds issued by the Department of Water Resources (DWR) to cover the cost of buying power for customers during the energy crisis are being repaid through this charge.
- SCE Generation: These charges recover energy procurement and generation costs for that portion of your energy provided by SCE. Beginning April 11, 2010, pursuant to CPUC Decision 10-03-022, Direct Access (DA) is again open to all non-residential customers, subject to annual limits during a four year phase-in period, and absolute limits following the phase-in. All residential customers currently returning to Bundled Service may not elect to return to DA service.
- CA Climate Credit: Credit from state effort to fight climate change. Applied monthly to eligible businesses and semi-annually to residents.

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: 2-03-189-5097

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

### Direct Payment (Automatic Debit) Enrollment: 2-03-189-5097

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.

Signature \_\_\_\_\_ Date \_\_\_\_\_

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](http://www.sce.com/eaf) or call (800) 205-8596.

Round-up my bill to next whole dollar amount for EAF

- Every Month       One Month only

Add this amount for EAF \$ \_\_\_\_\_

- Every Month       One Month only

Select one box only and sign below for EAF: \_\_\_\_\_

**Service account** 3-000-4430-87  
**Service address** 808 E LANCASTER BLVD  
 LANCASTER, CA 93535

**Rotating outage** Group N001

## Compare the electricity you are using

For meter 254000-004620 from Sep 12 '17 to Oct 11 '17

**Total electricity you used this month in kWh**

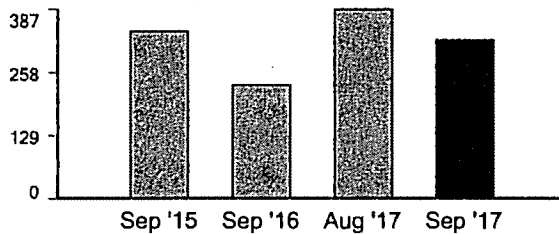
**9,436**

Your next billing cycle will end on or about Nov 9 '17.

Maximum demand is 26 kW

	Electricity (kWh)	Demand (kW)	
<b>Summer Season</b>			
On peak	1,089	26	(Sep 27 '17 14:00 to 14:15)
Mid peak	1,738	26	(Sep 13 '17 20:00 to 20:15)
Off peak	3,269	26	(Sep 30 '17 20:15 to 20:30)
<b>Winter Season</b>			
Mid peak	1,201	26	(Oct 5 '17 20:00 to 20:15)
Off peak	2,139	26	(Oct 7 '17 20:15 to 20:30)
<b>Total</b>	<b>9,436</b>		

### Your daily average electricity usage (kWh)



### Usage comparison

	Sep '15	Sep '16	Oct '16	Nov '16	Dec '16	Jan '17	Feb '17	Mar '17	Apr '17	May '17	Jun '17	Jul '17	Aug '17	Sep '17
Total kWh used	11,001	6,988	3,987	2,169	480	785	2,110	2,451	7,204	9,102	9,981	9,968	12,381	9,436
Number of days	32	30	29	33	29	30	32	29	30	32	30	29	32	29
Appx: average kWh used/day	343	232	137	65	16	26	65	84	240	284	332	343	386	325

## Details of your new charges

Your rate: TOU-PA-2-B (SCE)

Billing period: Sep 12 '17 to Oct 11 '17 (29 days Summer/Winter Season)

### Delivery charges

Facilities rel demand	26 kW x \$11.26000	\$292.76
Energy-Summer		
On peak	1,089 kWh x \$0.01732	\$18.86
Mid peak	1,738 kWh x \$0.01732	\$30.10
Off peak	3,269 kWh x \$0.01732	\$56.62
Energy-Winter		

(Continued on next page)



**Details of your new charges (continued)**

Mid peak	1,201 kWh x \$0.01674	\$20.10
Off peak	2,139 kWh x \$0.01674	\$35.81
Customer charge		\$41.63
<b>CCA cost responsibility surcharge</b>		
PCIA	9,436 kWh x \$0.00632	\$59.64
DWR Bond Charge	9,436 kWh x \$0.00549	\$51.81
CTC	9,436 kWh x -\$0.00023	-\$2.17
<b>Other charges or credits</b>		
Generation Municipal Surcharge		\$6.01
<hr/>		
Subtotal of your new charges		\$611.17
<b>Your new charges</b>		<b>\$611.17</b>

**Your Delivery charges include:**

- \$44.00 transmission charges
- \$289.07 distribution charges
- \$0.09 nuclear decommissioning charges
- \$101.11 public purpose programs charge
- \$57.56 new system generation charge

**Your overall energy charges include:**

- \$5.50 franchise fees

**Additional information:**

- Service voltage: 480 volts
- Generation Municipal Surcharge (GMS) factor: 0.009095
- 2014 Vintage CRS



**Service account** 3-044-2455-27  
**Service address** 808 E LANCASTER BLVD  
LANCASTER, CA 93535

**Rotating outage** Group N001

## Details of your new charges

### LANCASTER CHOICE ENERGY

Your rate: TOU-PA-2-B  
Service Account: 3-044-2455-27  
Billing period: Sep 12 '17 to Oct 11 '17 (29 days)

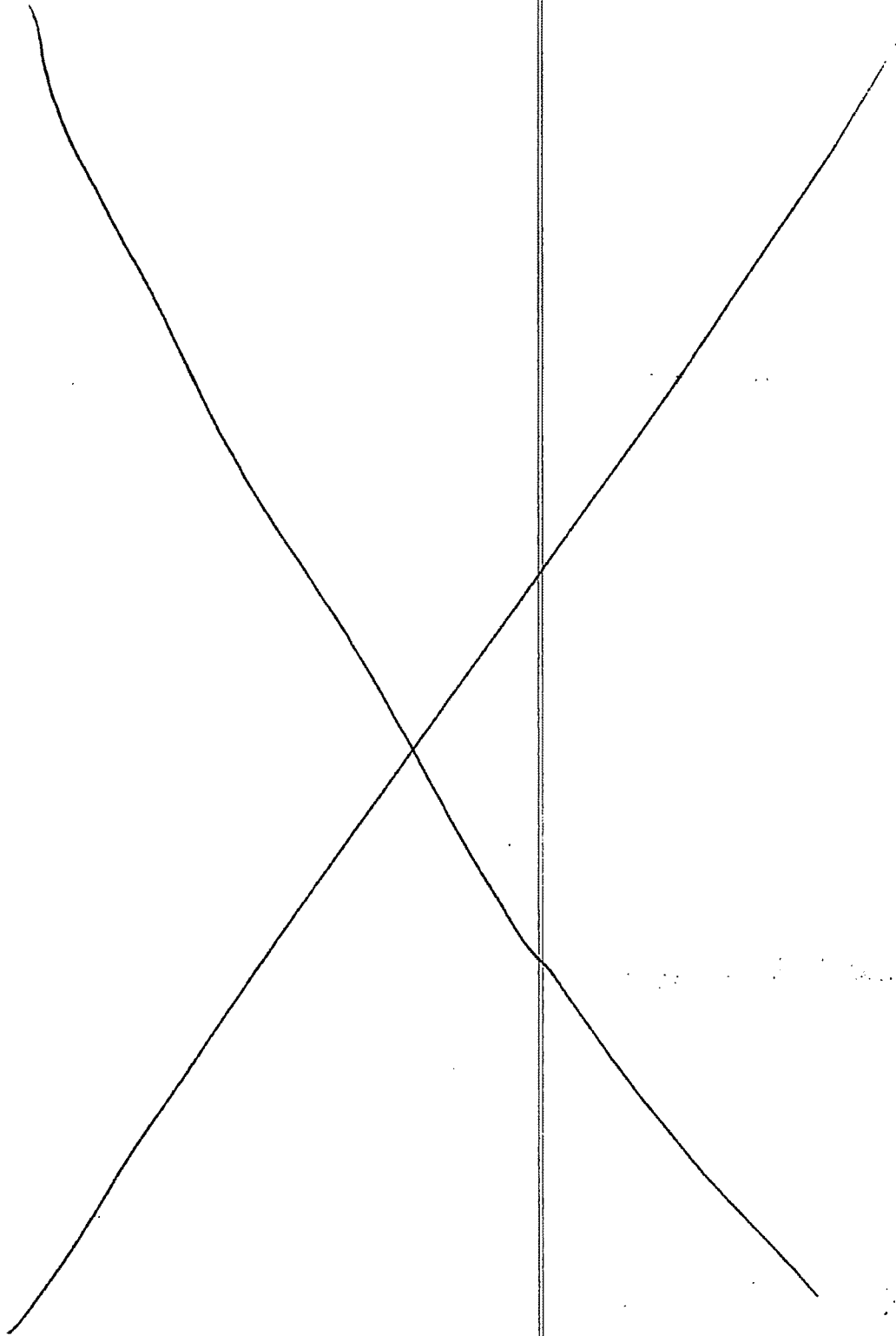
#### Generation (Supply) Charges

10% MARKET DEMAND ADJ		-\$50.79
10% MARKET DEMAND ADJ		-\$12.40
MID-PEAK SUMMER DEM.	15.74 KW @ 2.07	\$32.58
ON-PEAK SUMMER DEM.	15.76 KW @ 11.5	\$181.24
OFF-PEAK SUMMER GEN.	3269.92 KWH @ 0.02816	\$92.08
OFF-PEAK WINTER GEN.	2138.49 KWH @ 0.03342	\$71.47
MID-PEAK WINTER GEN.	1200.94 KWH @ 0.04373	\$52.52
MID-PEAK SUMMER GEN.	1737.69 KWH @ 0.04944	\$85.91
ON-PEAK SUMMER GEN.	1088.74 KWH @ 0.10665	\$116.11
ENERGY SURCHARGE		\$2.74
<b>Sub-Total of LCE Generation (Supply) Charges</b>		<b>\$571.46</b>
<b>Your New Charges</b>		<b>\$571.46</b>

## Things you should know

### Lancaster Choice Energy Information

FOR MORE DETAIL ON YOUR LANCASTER CHOICE ENERGY BILL, CALL US AT 844-288-4523.



Please visit us at [www.sce.com](http://www.sce.com)

## Stay Connected to Us

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



[www.facebook.com/SCE](http://www.facebook.com/SCE)



[www.twitter.com/SCE](http://www.twitter.com/SCE)


## Downed Wires? Call 911

Fire, high winds and stormy conditions can cause damage to power lines. If you see a downed wire:

- Do not approach or touch the wire, or anyone or anything in contact with it.
- Do not touch or step in water near a downed wire, as it can be electrified.
- Call 911. Inform the operator it's an electrical emergency.
- Always assume all wires are energized.

Visit us at [www.sce.com/safety](http://www.sce.com/safety) for more safety tips. Stay aware. Stay safe.

## 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](http://www.P65Warnings.ca.gov).

1. **Diesel Generation:** 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.

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(Continued in next column)

## Proposition 65 Warning (continued)

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## Did You Know? SCE Workers May Inspect Electricity Meters at Any Time

From time to time, our field employees are required to access and inspect the operation of Southern California Edison-owned equipment providing your home with electricity service. Our employees can complete their jobs more quickly and safely, with a little cooperation from you.

Keeping the area around the Edison SmartConnect® meter clear of debris, toys, hoses, gardening tools, equipment, overgrown vegetation, and bee or wasp nests will help protect your household members as well as our employees.

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Go paperless at [www.sce.com/ebilling](http://www.sce.com/ebilling). It's fast, easy and secure.

P.O. Box 300  
Rosemead, CA  
91772-0001  
[www.sce.com](http://www.sce.com)

# Your electricity bill

JOSHUA MEMORIAL / Page 1 of 8

For billing and service inquiries call 1-800-974-2356

Customer account 2-03-189-5097

Date bill prepared: Oct 13 '17

PO BOX 4055  
DANVILLE, IL 61834-4055

OCT 17 2017

## Your account summary

Previous Balance	\$1,525.57
Payment Received 10/02	-\$1,525.57
Balance forward	\$0.00
Your new charges	\$1,182.63
<b>Total amount you owe by Nov 1 '17</b>	<b>\$1,182.63</b>

## Summary of your billing detail

Service account	Service address	Billing period	Your rate	New charges
3-000-4430-87	808 E LANCASTER BLVD LANCASTER, CA	Sep 12 '17 to Oct 11 '17	TOU-PA-2-B (SCE)	\$611.17
3-044-2455-27	808 E LANCASTER BLVD LANCASTER, CA	Sep 12 '17 to Oct 11 '17	TOU-PA-2-B	\$571.46
				<b>\$1,182.63</b>

## Things you should know

**You may notice a change in your billing statement....**

Effective 10/1/2017, the billing rates used to calculate your bill have been modified. For more information, please visit [www.sce.com/bill\\_change](http://www.sce.com/bill_change).

Please return the payment stub below with your payment and make your check payable to Southern California Edison.  
If you want to pay in person, call 1-800-747-8908 for locations, or you can pay online at [www.sce.com](http://www.sce.com).

(14-574) Tear here

Tear here



Customer account 2-03-189-5097  
Please write this number on your check. Make your  
check payable to Southern California Edison.

Amount due by Nov 1 '17 **\$1,182.63**

Amount enclosed \$

STMT 10132017 P1



JOSHUA MEMORIAL  
PO BOX 4055  
DANVILLE, IL 61834-4055

P.O. BOX 300  
ROSEMEAD, CA 91772-0001

03 189 5097 00000095 000000000000118263000118263

Go paperless at [www.sce.com/ebilling](http://www.sce.com/ebilling). It's fast, easy and secure.

## Contact Information

### Customer service numbers

General Services (U.S. & Canada)	1-800-655-4555
Account Balance & Extensions	1-800-950-2356
Emergency Services & Outages	1-800-611-1911
California Alternate Rates for Energy (CARE)	1-800-447-6620
Electric Industry Restructuring	1-800-799-4723
Energy Theft Hotline	1-800-227-3901
Hearing & Speech Impaired (TTY)	1-800-352-8580

### Multicultural services

Cambodian / ភ្នំ	1-800-843-1309
Chinese / 中文	1-800-843-8343
Korean / 한국어	1-800-628-3061
Vietnamese / Tiếng Việt	1-800-327-3031
Spanish / Español	1-800-441-2233

Correspondence: Southern California Edison (SCE)  
P. O. Box 8400, Rancho Cucamonga, CA 91729-8400

## Important information

### Rotating outages

A rotating outage is a controlled electric outage that lasts approximately one hour for a group of circuits, which is used during electric system emergency conditions to avoid widespread or uncontrolled blackouts. Each SCE customer is assigned a rotating outage group, shown on the upper part of the SCE bill. If your rotating outage group begins with the letters A, M, R, S, or X, you are subject to rotating outages. If it begins with N or Exempt, you are not. Your rotating outage group may change at any time. For more information, and to see which rotating outage groups are likely to be called in the event of a system emergency, visit [www.sce.com](http://www.sce.com) or call 1-800-655-4555.

### Options for paying your bill

On-line	<a href="http://www.sce.com">www.sce.com</a> or Electronic Fund Transfer	
Mail-in	Check or Money order	
In Person	Authorized payment locations	1-800-747-8908
Phone	QuickCheck	1-800-950-2356
	Credit Card-Visa/MasterCard*	1-800-254-4123
	Debit Card-ACCEL/NYCE/Pulse/Star*	1-800-254-4123

\*The Credit/Debit card payment options are not available for payment of commercial services or security deposits for commercial services.

You may call us for electronic payment options, to make payment arrangements, or for information on agencies to assist you in bill payment. If service has been disconnected, on the day of the service reconnection, be sure all appliances and other electric devices are turned off. For additional home safety tips, visit [www.sce.com/safety](http://www.sce.com/safety) or you may call SCE Customer Service at 1-800-655-4555.

### Past due bills

Your bill was prepared on October 13, 2017. Your bill is due when you receive it and becomes past due 19 days after the date the bill was prepared. You will have 15 days at your new address to pay a bill from a prior address before your service will be terminated. SCE does not terminate residential service for non-payment of bills for other classes of service. Termination of electric service requires a Service Connection charge. If you are a residential customer, and claim an inability to pay and payment arrangements have not been extended to you by SCE pursuant to SCE's filed tariffs, you may contact the California Public Utilities Commission (CPUC).

### Rules and rates

SCE's rules and rates are available in full at [www.sce.com](http://www.sce.com) or upon request.

### Late Payment Charge (LPC)

A late payment charge of 0.8% will be applied to the total unpaid balance on your account if full payment is not received by the due date on this bill (except for CARE and state agency accounts).

### Disputed bills

If you think your bill is incorrect, call us and speak with a customer service representative, or if necessary, with a manager. If you feel unsatisfied with the result of such discussion(s), contact the CPUC, Consumer Affairs Branch by mail at: 505 Van Ness, Room 2003, San Francisco, CA 94102; or at: [www.cpuc.ca.gov](http://www.cpuc.ca.gov), 1-800-649-7570, TTY: 1-800-229-6846. Include a copy of your bill, why you believe SCE did not follow its rules and rates, and a check or money order made out to the CPUC for the disputed amount. You must pay the disputed amount, or send it to the CPUC, before the past-due date to avoid disconnection. The CPUC accepts payment only for matters relating directly to bill accuracy. While the CPUC is investigating your complaint, you must pay any new SCE bills that become due.

### Electronic Fund Transfers (EFT)

When you provide a check as payment, you authorize us either to use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as the same day we receive your payment. You will not receive your check back from your financial institution, but the transaction will appear on your financial institution statement. If you do not wish to authorize an electronic fund transfer, please call the 800 number on the front of your bill.

### Definitions

- DWR Bond Charge: Bonds issued by the Department of Water Resources (DWR) to cover the cost of buying power for customers during the energy crisis are being repaid through this charge.
- SCE Generation: These charges recover energy procurement and generation costs for that portion of your energy provided by SCE. Beginning April 11, 2010, pursuant to CPUC Decision 10-03-022, Direct Access (DA) is again open to all non-residential customers, subject to annual limits during a four year phase-in period, and absolute limits following the phase-in. All residential customers currently returning to Bundled Service may not elect to return to DA service.
- CA Climate Credit: Credit from state effort to fight climate change. Applied monthly to eligible businesses and semi-annually to residents.

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: 2-03-189-5097

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

### Direct Payment (Automatic Debit) Enrollment: 2-03-189-5097

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.

Signature \_\_\_\_\_ Date \_\_\_\_\_

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](http://www.sce.com/eaf) or call (800) 205-8596.

Round-up my bill to next whole dollar amount for EAF

Every Month  One Month only

Add this amount for EAF \$ \_\_\_\_\_

Every Month  One Month only

Select one box only and sign below for EAF: \_\_\_\_\_

**Service account** 3-000-4430-87  
**Service address** 808 E LANCASTER BLVD  
 LANCASTER, CA 93535

**Rotating outage** Group N001

## Compare the electricity you are using

For meter 254000-004620 from Sep 12 '17 to Oct 11 '17

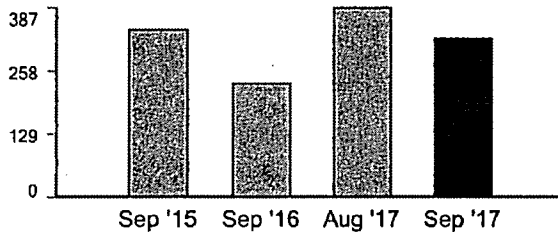
**Total electricity you used this month in kWh** **9,436**

Your next billing cycle will end on or about Nov 9 '17.

Maximum demand is 26 kW

	Electricity (kWh)	Demand (kW)	
<b>Summer Season</b>			
On peak	1,089	26	(Sep 27 '17 14:00 to 14:15)
Mid peak	1,738	26	(Sep 13 '17 20:00 to 20:15)
Off peak	3,269	26	(Sep 30 '17 20:15 to 20:30)
<b>Winter Season</b>			
Mid peak	1,201	26	(Oct 5 '17 20:00 to 20:15)
Off peak	2,139	26	(Oct 7 '17 20:15 to 20:30)
<b>Total</b>	<b>9,436</b>		

## Your daily average electricity usage (kWh)



## Usage comparison

	Sep '15	Sep '16	Oct '16	Nov '16	Dec '16	Jan '17	Feb '17	Mar '17	Apr '17	May '17	Jun '17	Jul '17	Aug '17	Sep '17
Total kWh used	11,001	6,988	3,987	2,169	480	785	2,110	2,451	7,204	9,102	9,981	9,968	12,381	9,436
Number of days	32	30	29	33	29	30	32	29	30	32	30	29	32	29
Appx. average kWh used/day	343	232	137	65	16	26	65	84	240	284	332	343	386	325

## Details of your new charges

Your rate: TOU-PA-2-B (SCE)

Billing period: Sep 12 '17 to Oct 11 '17 (29 days Summer/Winter Season)

### Delivery charges

Facilities rel demand	26 kW x \$11.26000	\$292.76
Energy-Summer		
On peak	1,089 kWh x \$0.01732	\$18.86
Mid peak	1,738 kWh x \$0.01732	\$30.10
Off peak	3,269 kWh x \$0.01732	\$56.62
Energy-Winter		

(Continued on next page)



**Details of your new charges (continued)**

Mid peak	1,201 kWh x \$0.01674	\$20.10
Off peak	2,139 kWh x \$0.01674	\$35.81
Customer charge		\$41.63
<b>CCA cost responsibility surcharge</b>		
PCIA	9,436 kWh x \$0.00632	\$59.64
DWR Bond Charge	9,436 kWh x \$0.00549	\$51.81
CTC	9,436 kWh x -\$0.00023	-\$2.17
<b>Other charges or credits</b>		
Generation Municipal Surcharge		\$6.01
<b>Subtotal of your new charges</b>		<b>\$611.17</b>
<b>Your new charges</b>		<b>\$611.17</b>

**Your Delivery charges Include:**

- \$44.00 transmission charges
- \$289.07 distribution charges
- \$0.09 nuclear decommissioning charges
- \$101.11 public purpose programs charge
- \$57.56 new system generation charge

**Your overall energy charges Include:**

- \$5.50 franchise fees

**Additional information:**

- Service voltage: 480 volts
- Generation Municipal Surcharge (GMS) factor: 0.009095
- 2014 Vintage CRS



**Service account** 3-044-2455-27  
**Service address** 808 E LANCASTER BLVD  
LANCASTER, CA 93535  
**Rotating outage** Group N001

## Details of your new charges

### LANCASTER CHOICE ENERGY

Your rate: TOU-PA-2-B  
Service Account: 3-044-2455-27  
Billing period: Sep 12 '17 to Oct 11 '17 (29 days)

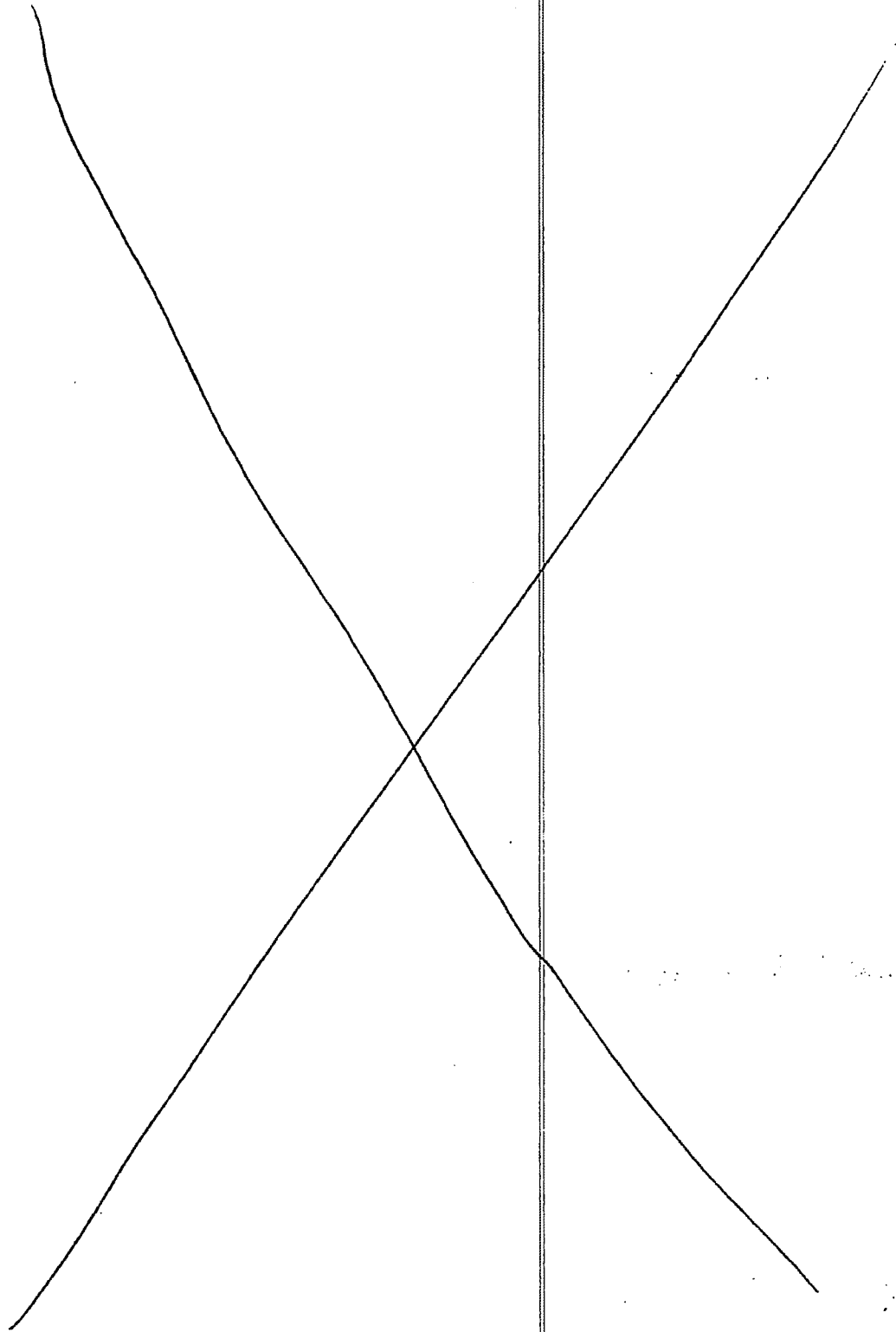
#### Generation (Supply) Charges

10% MARKET DEMAND ADJ		-\$50.79
10% MARKET DEMAND ADJ		-\$12.40
MID-PEAK SUMMER DEM.	15.74 KW @ 2.07	\$32.58
ON-PEAK SUMMER DEM.	15.76 KW @ 11.5	\$181.24
OFF-PEAK SUMMER GEN.	3269.92 KWH @ 0.02816	\$92.08
OFF-PEAK WINTER GEN.	2138.49 KWH @ 0.03342	\$71.47
MID-PEAK WINTER GEN.	1200.94 KWH @ 0.04373	\$52.52
MID-PEAK SUMMER GEN.	1737.69 KWH @ 0.04944	\$85.91
ON-PEAK SUMMER GEN.	1088.74 KWH @ 0.10665	\$116.11
ENERGY SURCHARGE		\$2.74
<b>Sub-Total of LCE Generation (Supply) Charges</b>		<b>\$571.46</b>
<b>Your New Charges</b>		<b>\$571.46</b>

## Things you should know

### **Lancaster Choice Energy Information**

FOR MORE DETAIL ON YOUR LANCASTER CHOICE ENERGY BILL, CALL US AT 844-288-4523.



Please visit us at [www.sce.com](http://www.sce.com)

## Stay Connected to Us

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



[www.facebook.com/SCE](http://www.facebook.com/SCE)



[www.twitter.com/SCE](http://www.twitter.com/SCE)


## Downed Wires? Call 911

Fire, high winds and stormy conditions can cause damage to power lines. **If you see a downed wire:**

- Do not approach or touch the wire, or anyone or anything in contact with it.
- Do not touch or step in water near a downed wire, as it can be electrified.
- Call 911. Inform the operator it's an electrical emergency.
- Always assume all wires are energized.

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(Continued in next column)

## Proposition 65 Warning (continued)

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PO BOX 4055  
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SEP 19 2017

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Service account	Service address	Billing period	Your rate	New charges
3-000-4430-87	808 E LANCASTER BLVD LANCASTER, CA	Aug 11 '17 to Sep 12 '17	TOU-PA-2-B (SCE)	\$700.63
3-044-2455-27	808 E LANCASTER BLVD LANCASTER, CA	Aug 11 '17 to Sep 12 '17	TOU-PA-2-B	\$824.94
				<b>\$1,525.57</b>

Please return the payment stub below with your payment and make your check payable to Southern California Edison.  
 If you want to pay in person, call 1-800-747-8908 for locations, or you can pay online at [www.sce.com](http://www.sce.com).


(14-574) Tear here

Tear here



Customer account 2-03-189-5097  
 Please write this number on your check. Make your  
 check payable to Southern California Edison.

**Amount due by Oct 3 '17** **\$1,525.57**  
 Amount enclosed \$

STMT 09142017 P1  
  
 JOSHUA MEMORIAL  
 PO BOX 4055  
 DANVILLE, IL 61834-4055

P.O. BOX 300  
ROSEMEAD, CA 91772-0001

03 189 5097 00000091 000000000000152557000152557

## Contact Information

### Customer service numbers

General Services (U.S. & Canada)	1-800-655-4555
Account Balance & Extensions	1-800-950-2356
Emergency Services & Outages	1-800-611-1911
California Alternate Rates for Energy (CARE)	1-800-447-6620
Electric Industry Restructuring	1-800-799-4723
Energy Theft Hotline	1-800-227-3901
Hearing & Speech Impaired (TTY)	1-800-352-8580

### Multicultural services

Cambodian / ភ្នំ	1-800-843-1309
Chinese / 中文	1-800-843-8343
Korean / 한국어	1-800-628-3061
Vietnamese / Tiếng Việt	1-800-327-3031
Spanish / Español	1-800-441-2233

Correspondence: Southern California Edison (SCE)  
P. O. Box 6400, Rancho Cucamonga, CA 91729-8400

## Important information

### Rotating outages

A rotating outage is a controlled electric outage that lasts approximately one hour for a group of circuits, which is used during electric system emergency conditions to avoid widespread or uncontrolled blackouts. Each SCE customer is assigned a rotating outage group, shown on the upper part of the SCE bill. If your rotating outage group begins with the letters A, M, R, S, or X, you are subject to rotating outages. If it begins with N or Exempt, you are not. Your rotating outage group may change at any time. For more information, and to see which rotating outage groups are likely to be called in the event of a system emergency, visit [www.sce.com](http://www.sce.com) or call 1-800-655-4555.

### Options for paying your bill

On-line	<a href="http://www.sce.com">www.sce.com</a> or Electronic Fund Transfer
Mail-in	Check or Money order
In Person	Authorized payment locations 1-800-747-8908
Phone	QuickCheck 1-800-950-2356
	Credit Card-Visa/MasterCard® 1-800-254-4123
	Debit Card-ACCEL/NYCE/Pulse/Star® 1-800-254-4123

\*The Credit/Debit card payment options are not available for payment of commercial services or security deposits for commercial services.

You may call us for electronic payment options, to make payment arrangements, or for information on agencies to assist you in bill payment. If service has been disconnected, on the day of the service reconnection, be sure all appliances and other electric devices are turned off. For additional home safety tips, visit [www.sce.com/safety](http://www.sce.com/safety) or you may call SCE Customer Service at 1-800-655-4555.

### Past due bills

Your bill was prepared on September 14, 2017. Your bill is due when you receive it and becomes past due 19 days after the date the bill was prepared. You will have 15 days at your new address to pay a bill from a prior address before your service will be terminated. SCE does not terminate residential service for non-payment of bills for other classes of service. Termination of electric service requires a Service Connection charge. If you are a residential customer, and claim an inability to pay and payment arrangements have not been extended to you by SCE pursuant to SCE's filed tariffs, you may contact the California Public Utilities Commission (CPUC).

### Rules and rates

SCE's rules and rates are available in full at [www.sce.com](http://www.sce.com) or upon request.

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A late payment charge of 0.8% will be applied to the total unpaid balance on your account if full payment is not received by the due date on this bill (except for CARE and state agency accounts).

### Disputed bills

If you think your bill is incorrect, call us and speak with a customer service representative, or if necessary, with a manager. If you feel unsatisfied with the result of such discussion(s), contact the CPUC, Consumer Affairs Branch by mail at: 505 Van Ness, Room 2003, San Francisco, CA 94102; or at: [www.cpuc.ca.gov](http://www.cpuc.ca.gov), 1-800-649-7570, TTY: 1-800-229-6845. Include a copy of your bill, why you believe SCE did not follow its rules and rates, and a check or money order made out to the CPUC for the disputed amount. You must pay the disputed amount, or send it to the CPUC, before the past-due date to avoid disconnection. The CPUC accepts payment only for matters relating directly to bill accuracy. While the CPUC is investigating your complaint, you must pay any new SCE bills that become due.

### Electronic Fund Transfers (EFT)

When you provide a check as payment, you authorize us either to use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as the same day we receive your payment. You will not receive your check back from your financial institution, but the transaction will appear on your financial institution statement. If you do not wish to authorize an electronic fund transfer, please call the 800 number on the front of your bill.

### Definitions

- **DWR Bond Charge:** Bonds issued by the Department of Water Resources (DWR) to cover the cost of buying power for customers during the energy crisis are being repaid through this charge.
- **SCE Generation:** These charges recover energy procurement and generation costs for that portion of your energy provided by SCE. Beginning April 11, 2010, pursuant to CPUC Decision 10-03-022, Direct Access (DA) is again open to all non-residential customers, subject to annual limits during a four year phase-in period, and absolute limits following the phase-in. All residential customers currently returning to Bundled Service may not elect to return to DA service.
- **CA Climate Credit:** Credit from state effort to fight climate change. Applied monthly to eligible businesses and semi-annually to residents.

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: 2-03-189-5097

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

### Direct Payment (Automatic Debit) Enrollment: 2-03-189-5097

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.

Signature \_\_\_\_\_ Date \_\_\_\_\_

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](http://www.sce.com/eaf) or call (800) 205-8596.

Round-up my bill to next whole dollar amount for EAF

Every Month       One Month only

Add this amount for EAF \$ \_\_\_\_\_

Every Month       One Month only

Select one box only and sign below for EAF: \_\_\_\_\_



Go paperless at [www.sce.com/ebilling](http://www.sce.com/ebilling). It's fast, easy and secure.

**Service account** 3-000-4430-87  
**Service address** 808 E LANCASTER BLVD  
 LANCASTER, CA 93535

**Rotating outage** Group N001

## Compare the electricity you are using

For meter 254000-004620 from Aug 11 '17 to Sep 12 '17

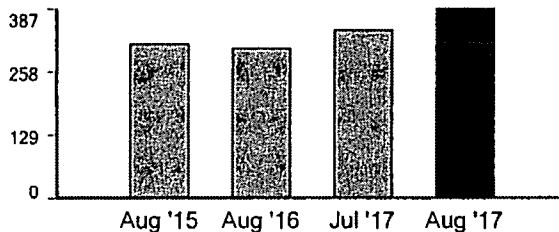
**Total electricity you used this month in kWh** **12,381**

Your next billing cycle will end on or about Oct 11 '17.

	Electricity (kWh)	Demand (kW)	
<b>Summer Season</b>			
On peak	1,809	26	(Aug 16 '17 15:45 to 16:00)
Mid peak	3,401	26	(Aug 11 '17 20:15 to 20:30)
Off peak	7,171	26	(Aug 12 '17 20:15 to 20:30)
<b>Total</b>	<b>12,381</b>		

Maximum demand is 26 kW

### Your daily average electricity usage (kWh)



### Usage comparison

	Aug '15	Aug '16	Sep '16	Oct '16	Nov '16	Dec '16	Jan '17	Feb '17	Mar '17	Apr '17	May '17	Jun '17	Jul '17	Aug '17
Total kWh used	9,421	9,783	6,988	3,987	2,169	480	785	2,110	2,451	7,204	9,102	9,981	9,968	12,381
Number of days	30	32	30	29	33	29	30	32	29	30	32	30	29	32
Appx. average kWh used/day	314	305	232	137	65	16	26	65	84	240	284	332	343	386

## Details of your new charges

Your rate: TOU-PA-2-B (SCE)

Billing period: Aug 11 '17 to Sep 12 '17 (32 days)

### Delivery charges

Facilities rel demand 26 kW x \$11.26000 \$292.76  
 Energy-Summer  
 On peak 1,809 kWh x \$0.01732 \$31.33  
 Mid peak 3,401 kWh x \$0.01732 \$58.91  
 Off peak 7,171 kWh x \$0.01732 \$124.20  
 Customer charge \$41.63

**Your Delivery charges include:**  
 • \$37.62 transmission charges  
 • \$295.04 distribution charges  
 • \$0.12 nuclear decommissioning charges  
 • \$135.20 public purpose programs charge  
 • \$75.52 new system generation charge

### CCA cost responsibility surcharge

PCIA 12,381 kWh x \$0.00632 \$78.25  
 DWR Bond Charge 12,381 kWh x \$0.00549 \$67.97

(Continued on next page)

(Continued on next page)



**Details of your new charges (continued)**

CTC	12,381 kWh x -\$0.00023
<b>Other charges or credits</b>	
Generation Municipal Surcharge	
<hr/>	
Subtotal of your new charges	
<b>Your new charges</b>	

- \$2.85	<b>Your overall energy charges include:</b>
	• \$6.30 franchise fees
	<b>Additional information:</b>
\$8.43	• Service voltage: 480 volts
\$700.63	• Generation Municipal Surcharge
\$700.63	(GMS) factor: 0.009095
	• 2014 Vintage CRS



**Service account** 3-044-2455-27  
**Service address** 808 E LANCASTER BLVD  
LANCASTER, CA 93535

**Rotating outage** Group N001

## Details of your new charges

### LANCASTER CHOICE ENERGY

Your rate: TOU-PA-2-B  
Service Account: 3-044-2455-27  
Billing period: Aug 11 '17 to Sep 12 '17 (32 days)

#### Generation (Supply) Charges

10% MARKET DEMAND ADJ		-\$91.26
MID-PEAK SUMMER DEM.	25.8 KW @ 2.07	\$53.41
ON-PEAK SUMMER DEM.	25.76 KW @ 11.5	\$296.24
OFF-PEAK SUMMER GEN.	7171.24 KWH @ 0.02816	\$201.94
MID-PEAK SUMMER GEN.	3400.92 KWH @ 0.04944	\$168.14
ON-PEAK SUMMER GEN.	1808.57 KWH @ 0.10665	\$192.88
ENERGY SURCHARGE		\$3.59
<b>Sub-Total of LCE Generation (Supply) Charges</b>		<b>\$824.94</b>
<b>Your New Charges</b>		<b>\$824.94</b>

## Things you should know

### Lancaster Choice Energy Information

FOR MORE DETAIL ON YOUR LANCASTER CHOICE ENERGY BILL, CALL US AT 844-288-4523.

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# UNDERSTANDING EMF

## ELECTRIC AND MAGNETIC FIELDS

Questions have been raised about the possible health effects of 60-hertz (power frequency) electric and magnetic fields (EMF\*), which are found wherever you have electric power. This article contains information that will help you understand the EMF issue, plus practical tips you can use if you want to reduce your exposure at home and at work.

### Campos Eléctricos y Magnéticos (EMF):

Si desea recibir información en español, comuníquese con SCE al 1-800-441-2233.

Reviewed by: The California Public Utilities Commission (CPUC)

\*The term EMF in this publication refers to extremely low frequency (ELF) 60-hertz electric and magnetic fields associated with power delivered by electric utilities. It does not refer to radio frequency (RF) waves associated with wireless communications such as cell phones.

### Can EMF Harm Your Health?

Electric and magnetic fields are present wherever electricity flows around appliances and power lines, in offices, and at schools and homes. Many researchers believe that if there is a risk of adverse health effects from usual residential exposures to EMF, it is probably just at the detection limit of human health studies; nonetheless, the possible risk warrants further investigation. The varying results from epidemiological studies, which looked at estimated EMF exposures and childhood leukemia, are consistent with a weak link. Laboratory studies, including studies investigating a possible mechanism for health effects (mechanistic studies), provide little or no evidence to support this weak link.

The results from many research studies have been evaluated by international, national, and California EMF research programs to determine whether EMF poses any health risk. Given the uncertainty of the issue, the medical and scientific communities have been unable to conclude that usual residential exposures to EMF cause health effects, or to establish any standard or level of residential exposure that is known to be either safe or harmful. These conclusions remain unchanged by recent studies.

### World Health Organization Findings

The World Health Organization (WHO) completed a review of the potential health implications of extremely low frequency (ELF) EMF, which includes power-frequency fields. Their conclusions and recommendations were presented in June 2007 in a report known as the *Extremely Low Frequency Fields, Environmental Health Criteria Monograph No. 238*.

The WHO report concluded that evidence for a link between ELF magnetic fields and childhood leukemia "is not strong enough to be considered causal but sufficiently strong to remain a concern." "Virtually all of the laboratory evidence and the mechanistic evidence fail to support" this reported association. For all other diseases, there is inadequate or no evidence of health effects at low exposure levels.

The report emphasized that, given the weakness of the evidence for health effects, the health benefits of exposure reduction are unclear and adopting policies based on arbitrary low exposure limits is not warranted. In light of this situation, WHO made these and other recommendations:

- National authorities should implement communication programs with all stakeholders to enable informed decision-making, including how individuals can reduce their own exposure.
- Policy makers and community planners should implement very low-cost measures to reduce exposures when constructing new facilities and designing new equipment, including appliances.
- Policy makers should establish guidelines for ELF field exposure for both the general public and workers. The best source of guidance for both exposure levels and the principles of scientific review are the international guidelines.
- Government and industry should promote research to reduce the uncertainty of the scientific evidence on the health effects of ELF field exposure. Several recommended research projects are already under way through the Electric Power Research Institute.

To view the full report and a fact sheet summarizing it, visit [www.who.int/peh-emf/publications/elf\\_ehc/en/index.html](http://www.who.int/peh-emf/publications/elf_ehc/en/index.html) [www.who.int/peh-emf/publications/facts/fs322/en/index.html](http://www.who.int/peh-emf/publications/facts/fs322/en/index.html)

Magnetic Fields at Home (Measurements in microtesla)			
	1.2' away	12' away	36' away
Microwave Oven	750 to 2,000	40 to 90	3 to 8
Clothes Washer	8 to 400	2 to 10	0.1 to 2
Electric Range	60 to 2,500	4 to 40	0.1 to 1
Compact Fluorescent Bulb	0 to 32.9	0 to 0.1	0
Hair Dryer	50 to 20,000	1 to 70	0.1 to 1
LCD/Plasma TV	1.3 to 73.4	0 to 2.5	0 to 2.2

Source: Adapted from George 1995 & CPUC Appliance Measurement Study 2010.

Magnetic Fields Outside (Measurements may be lower for extra (detached) wiring.)	
Distribution Lines	1 to 60 milligauss under the line
Transmission Lines	1 to 100 milligauss, edge of right-of-way

EMF continued on back

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## Stay Connected to Us

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



[www.facebook.com/sce](http://www.facebook.com/sce)



Residential: [www.twitter.com/sce](http://www.twitter.com/sce)

Business: [www.twitter.com/sce\\_business](http://www.twitter.com/sce_business)

EMF (continued from front)

### What You Can Do

In a situation of scientific uncertainty and public concern, WHO recommended that utilities explore 'very low-cost' ways to reduce EMF exposure from new or upgraded facilities. SCE and other California public utilities have been pursuing no-cost and low-cost measures to reduce EMF levels from new utility transmission lines and substation projects. You, too, may want to take no-cost and low-cost measures to reduce your EMF exposure at home and at work.

Human studies have not produced a consensus about any health benefits from changing the way people use electric appliances. But, if you feel reducing your EMF exposure would be beneficial, you can increase your distance from electric appliances and/or limit the amount of time you use appliances at home or at work. For instance, you can place phone answering machines and electric clocks away from the head of your bed. Increasing your distance from these and other appliances such as televisions, computer monitors and microwave ovens can reduce your EMF exposure.

You can also reduce your EMF exposure by limiting the time you spend using personal appliances such as hair dryers, electric razors, heating pads and electric blankets. You may also want to limit the time you spend using electric cooking appliances.

You can locate the sources of EMF in your work environment, and spend break time in lower-field areas.

It is not known whether such actions will have any impact on your health.

### Additional Information Is Available

SCE provides free EMF information packages and home/business measurements upon request. We also invite you to attend a workshop on EMF at our EMF Education Center located in Irwindale. For any of these services, please call us at 1-800-200-4SCE.

Additional information is also available at these links:  
World Health Organization International EMF Project:

Visit [who.int/peh-emf](http://who.int/peh-emf) for EMF information, including fact sheets, research completed and scientific journal articles.

National Institute of Environmental Health Sciences:

Visit [niehs.nih.gov/health](http://niehs.nih.gov/health) and click on Brochures & Fact Sheets, then select EMFs in English or Spanish.

California Department of Health Services:

Visit <http://ehib.org/cehtp/cehtp.org/emf/index.html> for information.

California Public Utilities Commission:

Visit <http://www.cpuc.ca.gov/general.aspx?id=4879>

## Utility Bill Scams and Caller ID Spoofing Continue to Target Southern California Edison Customers

We are advising all customers to be aware of caller ID spoofing, a practice in which a caller using special phone equipment and technology, deliberately falsifies information on your caller ID display to mask the true origin of the call. "Spoofers" and other impostors claiming to be with SCE may demand immediate payment to avoid disconnection of service for a past due bill. They may also demand that you purchase a prepaid cash card and call them back with the card number.

You should terminate these calls and report the incident immediately to your local police and SCE at 1-800-655-4555.

Always remember:

- SCE will never call and demand immediate payment and threaten disconnection
- An SCE employee will never ask for money in person
- Never reveal personal information - credit card or bank account numbers, utility bill account number, etc. to anyone. For more information about potential scams and tips to protect yourself, please visit

[www.sce.com/scamalert](http://www.sce.com/scamalert)

## Get More Energy Efficient with the Business Energy Advisor Tool

Our Business Energy Advisor (BEA) tool provides energy-saving recommendations customized to meet the specific energy needs of your business. By taking a simple 5-minute survey, you'll have instant access to several low- or no-cost ways that can help your business achieve greater energy efficiency.

Take the survey at:

[sce.com/businessadvisor](http://sce.com/businessadvisor)



Go paperless at [www.sce.com/ebilling](http://www.sce.com/ebilling). It's fast, easy and secure.

P.O. Box 300  
Rosemead, CA  
91772-0001  
[www.sce.com](http://www.sce.com)

# Your electricity bill

**AUG 21 2017**

JOSHUA MEMORIAL / Page 1 of 6

For billing and service inquiries call 1-800-974-2356

Customer account 2-03-189-5097

Date bill prepared: Aug 15 '17

PO BOX 4055  
DANVILLE, IL 61834-4055

## Your account summary

Previous Balance	\$1,368.24
Payment Received 08/03	-\$1,368.24
Balance forward	\$0.00
Your new charges	\$1,368.78
<b>Total amount you owe by Sep 5 '17</b>	<b>\$1,368.78</b>

## Summary of your billing detail

Service account	Service address	Billing period	Your rate	New charges
3-000-4430-87	808 E LANCASTER BLVD LANCASTER, CA	Jul 13 '17 to Aug 11 '17	TOU-PA-2-B (SCE)	\$629.98
3-044-2455-27	808 E LANCASTER BLVD LANCASTER, CA	Jul 13 '17 to Aug 11 '17	TOU-PA-2-B	\$738.80
				<b>\$1,368.78</b>

Please return the payment stub below with your payment and make your check payable to Southern California Edison.  
If you want to pay in person, call 1-800-747-8908 for locations, or you can pay online at [www.sce.com](http://www.sce.com).

(14-574)

Tear here

Tear here



Customer account 2-03-189-5097  
Please write this number on your check. Make your  
check payable to Southern California Edison.

Amount due by Sep 5 '17

\$1,368.78

Amount enclosed \$

STMT 08152017 P1



JOSHUA MEMORIAL  
PO BOX 4055  
DANVILLE, IL 61834-4055

P.O. BOX 300  
ROSEMEAD, CA 91772-0001

03 189 5097 00000097 000000000000136878000136878

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Electric Industry Restructuring	1-800-799-4723
Energy Theft Hotline	1-800-227-3901
Hearing & Speech Impaired (TTY)	1-800-352-8580

### Multicultural services

Cambodian / ខ្មែរ	1-800-843-1309
Chinese / 中文	1-800-843-8343
Korean / 한국어	1-800-628-3061
Vietnamese / Tiếng Việt	1-800-327-3031
Spanish / Español	1-800-441-2233

Correspondence: Southern California Edison (SCE)  
P. O. Box 6400, Rancho Cucamonga, CA 91729-8400

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### Options for paying your bill

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Mail-In	Check or Money order	
In Person	Authorized payment locations	1-800-747-8908
Phone	QuickCheck	1-800-950-2356
	Credit Card-Visa/MasterCard*	1-800-254-4123
	Debit Card-ACCEL/NYCE/Pulse/Ster*	1-800-254-4123

\*The Credit/Debit card payment options are not available for payment of commercial services or security deposits for commercial services.

You may call us for electronic payment options, to make payment arrangements, or for information on agencies to assist you in bill payment. If service has been disconnected, on the day of the service reconnection, be sure all appliances and other electric devices are turned off. For additional home safety tips, visit [www.sce.com/safety](http://www.sce.com/safety) or you may call SCE Customer Service at 1-800-655-4555.

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### Disputed bills

If you think your bill is incorrect, call us and speak with a customer service representative, or if necessary, with a manager. If you feel unsatisfied with the result of such discussion(s), contact the CPUC, Consumer Affairs Branch by mail at: 505 Van Ness, Room 2003, San Francisco, CA 94102; or at: [www.cpuc.ca.gov](http://www.cpuc.ca.gov), 1-800-649-7570, TTY: 1-800-229-6846. Include a copy of your bill, why you believe SCE did not follow its rules and rates, and a check or money order made out to the CPUC for the disputed amount. You must pay the disputed amount, or send it to the CPUC, before the past-due date to avoid disconnection. The CPUC accepts payment only for matters relating directly to bill accuracy. While the CPUC is investigating your complaint, you must pay any new SCE bills that become due.

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When you provide a check as payment, you authorize us either to use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as the same day we receive your payment. You will not receive your check back from your financial institution, but the transaction will appear on your financial institution statement. If you do not wish to authorize an electronic fund transfer, please call the 800 number on the front of your bill.

### Definitions

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- CA Climate Credit: Credit from state effort to fight climate change. Applied monthly to eligible businesses and semi-annually to residents.

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: 2-03-189-5097

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

### Direct Payment (Automatic Debit) Enrollment: 2-03-189-5097

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.

Signature \_\_\_\_\_ Date \_\_\_\_\_

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](http://www.sce.com/eaf) or call (800) 205-8596.

Round-up my bill to next whole dollar amount for EAF

Add this amount for EAF \$ \_\_\_\_\_

Select one box only and sign below for EAF:

Every Month

One Month only

Every Month

One Month only

RECEIVED BY THE BUREAU OF ENERGY ASSISTANCE

Service account 3-000-4430-87  
Service address 808 E LANCASTER BLVD  
LANCASTER, CA 93535  
Rotating outage Group N001

## Compare the electricity you are using

For meter 254000-004620 from Jul 13 '17 to Aug 11 '17

Total electricity you used this month in kWh

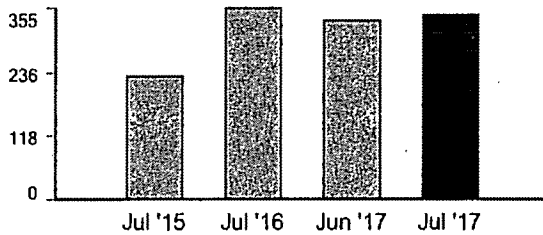
9,968

Your next billing cycle will end on or about Sep 12 '17.

	Electricity (kWh)	Demand (kW)	
Summer Season			
On peak	1,591	26	(Jul 19 '17 15:45 to 16:00)
Mid peak	3,056	26	(Aug 9 '17 19:45 to 20:00)
Off peak	5,321	26	(Jul 29 '17 19:45 to 20:00)
<b>Total</b>	<b>9,968</b>		

Maximum demand is 26 kW

### Your daily average electricity usage (kWh)



### Usage comparison

	Jul '15	Jul '16	Aug '16	Sep '16	Oct '16	Nov '16	Dec '16	Jan '17	Feb '17	Mar '17	Apr '17	May '17	Jun '17	Jul '17
Total kWh used	6,676	10,281	9,783	6,988	3,987	2,189	480	785	2,110	2,451	7,204	9,102	9,981	9,968
Number of days	29	29	32	30	29	33	29	30	32	29	30	32	30	29
Appx. average kWh used/day	230	354	305	232	137	65	16	26	65	84	240	284	332	343

## Details of your new charges

Your rate: TOU-PA-2-B (SCE)

Billing period: Jul 13 '17 to Aug 11 '17 (29 days)

### Delivery charges

Facilities rel demand 26 kW x \$11.26000  
Energy-Summer  
On peak 1,591 kWh x \$0.01732  
Mid peak 3,056 kWh x \$0.01732  
Off peak 5,321 kWh x \$0.01732  
Customer charge

\$292.76

\$27.56

\$52.93

\$92.16

\$41.63

### CCA cost responsibility surcharge

PCIA 9,968 kWh x \$0.00632  
DWR Bond Charge 9,968 kWh x \$0.00549

\$63.00

\$54.72

### Your Delivery charges include:

- \$42.85 transmission charges
- \$290.14 distribution charges
- \$0.10 nuclear decommissioning charges
- \$108.85 public purpose programs charge
- \$60.81 new system generation charge

(Continued on next page)

(Continued on next page)



**Details of your new charges (continued)**

CTC	9,968 kWh x -\$0.00023	- \$2.29
<b>Other charges or credits</b>		
Generation Municipal Surcharge		\$7.51
<hr/>		
Subtotal of your new charges		\$629.98
<b>Your new charges</b>		<b>\$629.98</b>

**Your overall energy charges include:**  
 • \$5.66 franchise fees

**Additional Information:**  
 • Service voltage: 480 volts  
 • Generation Municipal Surcharge (GMS) factor: 0.009095  
 • 2014 Vintage CRS



**Service account** 3-044-2455-27  
**Service address** 808 E LANCASTER BLVD  
LANCASTER, CA 93535

**Rotating outage** Group N001

## Details of your new charges

### LANCASTER CHOICE ENERGY

Your rate: TOU-PA-2-B  
Service Account: 3-044-2455-27  
Billing period: Jul 13 '17 to Aug 11 '17 (29 days)

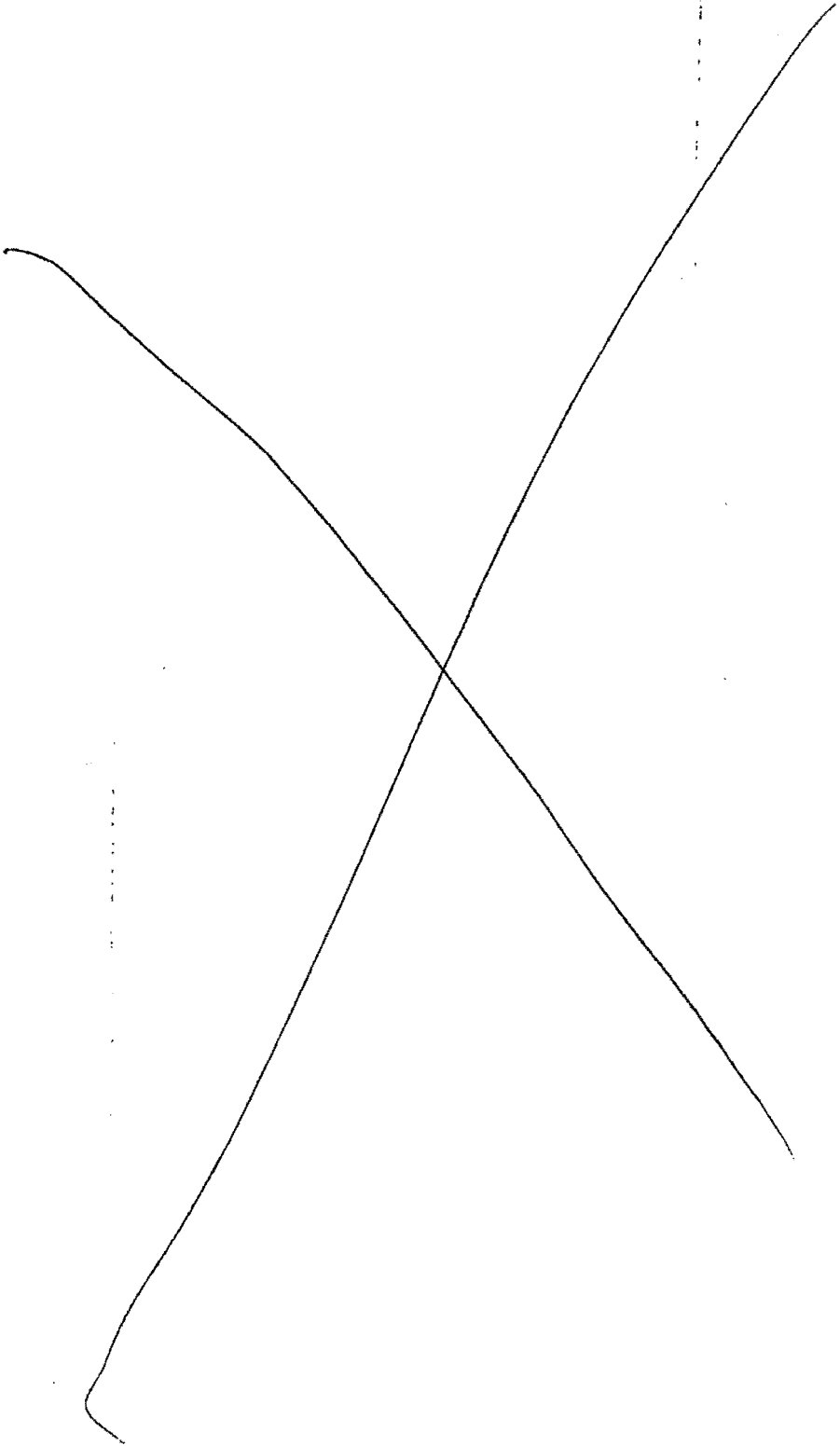
#### Generation (Supply) Charges

10% MARKET DEMAND ADJ		-\$81.77
MID-PEAK SUMMER DEM.	25.68 KW @ 2.07	\$53.16
ON-PEAK SUMMER DEM.	25.56 KW @ 11.5	\$293.94
OFF-PEAK SUMMER GEN.	5321.84 KWH @ 0.02816	\$149.86
MID-PEAK SUMMER GEN.	3055.81 KWH @ 0.04944	\$151.08
ON-PEAK SUMMER GEN.	1590.62 KWH @ 0.10665	\$169.64
ENERGY SURCHARGE		\$2.89
<b>Sub-Total of LCE Generation (Supply) Charges</b>		<b>\$738.80</b>
<b>Your New Charges</b>		<b>\$738.80</b>

## Things you should know

### *Lancaster Choice Energy Information*

FOR MORE DETAIL ON YOUR LANCASTER CHOICE ENERGY BILL, CALL US AT 844-288-4523.





Go paperless at [www.sce.com/ebilling](http://www.sce.com/ebilling). It's fast, easy and secure.

P.O. Box 300  
Rosemead, CA  
91772-0001  
[www.sce.com](http://www.sce.com)

# Your electricity bill

JOSHUA MEMORIAL / Page 1 of 8

For billing and service inquiries call 1-800-974-2356

Customer account 2-03-189-5097

Date bill prepared: Jul 18 '17

PO BOX 4055  
DANVILLE, IL 61834-4055

## Your account summary

Previous Balance	\$1,067.75
Payment Received 07/07	-\$1,067.75
Balance forward	\$0.00
Your new charges	\$1,363.39
Late payment charge	\$4.85
<b>Total amount you owe by Aug 7 '17</b>	<b>\$1,368.24</b>

**JUL 24 2017**

## Summary of your billing detail

Service account	Service address	Billing period	Your rate	New charges
3-000-4430-87	808 E LANCASTER BLVD LANCASTER, CA	Jun 13 '17 to Jul 13 '17	TOU-PA-2-B (SCE)	\$630.28
3-044-2455-27	808 E LANCASTER BLVD LANCASTER, CA	Jun 13 '17 to Jul 13 '17	TOU-PA-2-B	\$733.11
				<b>\$1,363.39</b>

(14-574)

Tear here

Please return the payment stub below with your payment and make your check payable to Southern California Edison.  
If you want to pay in person, call 1-800-747-8908 for locations, or you can pay online at [www.sce.com](http://www.sce.com).

Tear here



Customer account 2-03-189-5097  
Please write this number on your check. Make your  
check payable to Southern California Edison.

Amount due by Aug 7 '17 **\$1,368.24**

Amount enclosed \$

STMT 07182017 P5



JOSHUA MEMORIAL  
PO BOX 4055  
DANVILLE, IL 61834-4055

P.O. BOX 300  
ROSEMEAD, CA 91772-0001

03 189 5097 00000096 000000000000136824000136824

Go paperless at [www.sce.com/ebilling](http://www.sce.com/ebilling). It's fast, easy and secure.

## Contact Information

### Customer service numbers

General Services (U.S. & Canada)	1-800-655-4555
Account Balance & Extensions	1-800-950-2356
Emergency Services & Outages	1-800-611-1911
California Alternate Rates for Energy (CARE)	1-800-447-6620
Electric Industry Restructuring	1-800-799-4723
Energy Theft Hotline	1-800-227-3901
Hearing & Speech Impaired (TTY)	1-800-352-8580

### Multicultural services

Cambodian / ភ្នំ	1-800-843-1309
Chinese / 中文	1-800-843-8343
Korean / 한국어	1-800-628-3061
Vietnamese / Tiếng Việt	1-800-327-3031
Spanish / Español	1-800-441-2233

Correspondence: Southern California Edison (SCE)  
P. O. Box 8400, Rancho Cucamonga, CA 91729-8400

## Important information

### Rotating outages

A rotating outage is a controlled electric outage that lasts approximately one hour for a group of circuits, which is used during electric system emergency conditions to avoid widespread or uncontrolled blackouts. Each SCE customer is assigned a rotating outage group, shown on the upper part of the SCE bill. If your rotating outage group begins with the letters A, M, R, S, or X, you are subject to rotating outages. If it begins with N or Exempt, you are not. Your rotating outage group may change at any time. For more information, and to see which rotating outage groups are likely to be called in the event of a system emergency, visit [www.sce.com](http://www.sce.com) or call 1-800-655-4555.

### Options for paying your bill

On-line	<a href="http://www.sce.com">www.sce.com</a> or Electronic Fund Transfer	
Mail-in	Check or Money order	
In Person	Authorized payment locations	1-800-747-8908
Phone	QuickCheck	1-800-950-2356
	Credit Card-Visa/MasterCard*	1-800-254-4123
	Debit Card-ACCEL/NYCE/Pulse/Ster*	1-800-254-4123

\*The Credit/Debit card payment options are not available for payment of commercial services or security deposits for commercial services.

You may call us for electronic payment options, to make payment arrangements, or for information on agencies to assist you in bill payment. If service has been disconnected, on the day of the service reconnection, be sure all appliances and other electric devices are turned off. For additional home safety tips, visit [www.sce.com/safety](http://www.sce.com/safety) or you may call SCE Customer Service at 1-800-655-4555.

### Past due bills

Your bill was prepared on July 18, 2017. Your bill is due when you receive it and becomes past due 19 days after the date the bill was prepared. You will have 15 days at your new address to pay a bill from a prior address before your service will be terminated. SCE does not terminate residential service for non-payment of bills for other classes of service. Termination of electric service requires a Service Connection charge. If you are a residential customer, and claim an inability to pay and payment arrangements have not been extended to you by SCE pursuant to SCE's filed tariffs, you may contact the California Public Utilities Commission (CPUC).

### Rules and rates

SCE's rules and rates are available in full at [www.sce.com](http://www.sce.com) or upon request.

### Late Payment Charge (LPC)

A late payment charge of 0.8% will be applied to the total unpaid balance on your account if full payment is not received by the due date on this bill (except for CARE and state agency accounts).

### Disputed bills

If you think your bill is incorrect, call us and speak with a customer service representative, or if necessary, with a manager. If you feel unsatisfied with the result of such discussion(s), contact the CPUC, Consumer Affairs Branch by mail at: 505 Van Ness, Room 2003, San Francisco, CA 94102; or at: [www.cpuc.ca.gov](http://www.cpuc.ca.gov), 1-800-649-7570, TTY: 1-800-229-6846. Include a copy of your bill, why you believe SCE did not follow its rules and rates, and a check or money order made out to the CPUC for the disputed amount. You must pay the disputed amount, or send it to the CPUC, before the past-due date to avoid disconnection. The CPUC accepts payment only for matters relating directly to bill accuracy. While the CPUC is investigating your complaint, you must pay any new SCE bills that become due.

### Electronic Fund Transfers (EFT)

When you provide a check as payment, you authorize us either to use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as the same day we receive your payment. You will not receive your check back from your financial institution, but the transaction will appear on your financial institution statement. If you do not wish to authorize an electronic fund transfer, please call the 800 number on the front of your bill.

### Definitions

- DWR Bond Charge: Bonds issued by the Department of Water Resources (DWR) to cover the cost of buying power for customers during the energy crisis are being repaid through this charge.
- SCE Generation: These charges recover energy procurement and generation costs for that portion of your energy provided by SCE. Beginning April 11, 2010, pursuant to CPUC Decision 10-03-022, Direct Access (DA) is again open to all non-residential customers, subject to annual limits during a four year phase-in period, and absolute limits following the phase-in. All residential customers currently returning to Bundled Service may not elect to return to DA service.
- CA Climate Credit: Credit from state effort to fight climate change. Applied monthly to eligible businesses and semi-annually to residents.

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: 2-03-189-5097

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

### Direct Payment (Automatic Debit) Enrollment: 2-03-189-5097

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.

Signature \_\_\_\_\_ Date \_\_\_\_\_

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](http://www.sce.com/eaf) or call (800) 205-8596.

Round-up my bill to next whole dollar amount for EAF

Every Month  One Month only

Add this amount for EAF \$ \_\_\_\_\_

Every Month  One Month only

Select one box only and sign below for EAF: \_\_\_\_\_



**Service account** 3-000-4430-87  
**Service address** 808 E LANCASTER BLVD  
LANCASTER, CA 93535

**Rotating outage** Group N001

## Compare the electricity you are using

For meter 254000-004620 from Jun 13 '17 to Jul 13 '17

**Total electricity you used this month in kWh**

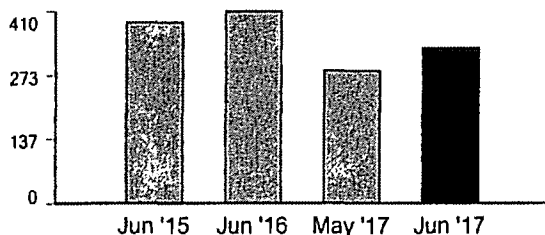
**9,981**

Your next billing cycle will end on or about Aug 11 '17.

	Electricity (kWh)	Demand (kW)	
<b>Summer Season</b>			
On peak	1,528	26	(Jun 15 '17 14:45 to 15:00)
Mid peak	2,946	26	(Jun 14 '17 20:00 to 20:15)
Off peak	5,507	25	(Jun 17 '17 13:00 to 13:15)
<b>Total</b>	<b>9,981</b>		

Maximum demand is 26 kW

### Your daily average electricity usage (kWh)



### Usage comparison

	Jun '15	Jun '16	Jul '16	Aug '16	Sep '16	Oct '16	Nov '16	Dec '16	Jan '17	Feb '17	Mar '17	Apr '17	May '17	Jun '17
Total kWh used	12,390	12,294	10,281	9,783	6,988	3,987	2,169	480	785	2,110	2,451	7,204	9,102	9,981
Number of days	32	30	29	32	30	29	33	29	30	32	29	30	32	30
Appx. average kWh used/day	387	409	354	305	232	137	65	16	26	65	84	240	284	332

## Details of your new charges

Your rate: TOU-PA-2-B (SCE)

Billing period: Jun 13 '17 to Jul 13 '17 (30 days)

### Delivery charges

Facilities rel demand 26 kW x \$11.26000  
Energy-Summer  
On peak 1,528 kWh x \$0.01732  
Mid peak 2,946 kWh x \$0.01732  
Off peak 5,507 kWh x \$0.01732  
Customer charge

\$292.76

\$26.46

\$51.02

\$95.38

\$41.63

### CCA cost responsibility surcharge

PCIA 9,981 kWh x \$0.00632  
DWR Bond Charge 9,981 kWh x \$0.00549

\$63.08

\$54.80

### Your Delivery charges include:

- \$42.82 transmission charges
- \$290.17 distribution charges
- \$0.10 nuclear decommissioning charges
- \$108.99 public purpose programs charge
- \$60.88 new system generation charge

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**Details of your new charges** (continued)

CTC 9,981 kWh x -\$0.00023

- \$2.30

**Your overall energy charges include:**

- \$5.66 franchise fees

**Other charges or credits**

Generation Municipal Surcharge

\$7.45

**Additional Information:**

- Service voltage: 480 volts
- Generation Municipal Surcharge (GMS) factor: 0.009095
- 2014 Vintage CRS

**Subtotal of your new charges**

**\$630.28**

**Your new charges**

**\$630.28**

Service account 3-044-2455-27  
 Service address 808 E LANCASTER BLVD  
 LANCASTER, CA 93535

Rotating outage Group N001

## Details of your new charges

### LANCASTER CHOICE ENERGY

Your rate: TOU-PA-2-B  
 Service Account: 3-044-2455-27  
 Billing period: Jun 13 '17 to Jul 13 '17 (30 days)

#### Generation Charges

10% MARKET DEMAND ADJ		-\$81.14
MID-PEAK SUMMER DEM.	25.72 KW @ 2.07	\$53.24
ON-PEAK SUMMER DEM.	25.6 KW @ 11.5	\$294.40
OFF-PEAK SUMMER GEN.	5507.04 KWH @ 0.02816	\$155.08
MID-PEAK SUMMER GEN.	2946.37 KWH @ 0.04944	\$145.67
ON-PEAK SUMMER GEN.	1528.06 KWH @ 0.10665	\$162.97
ENERGY SURCHARGE		\$2.89

Sub-Total of LCE Generation Charges \$733.11

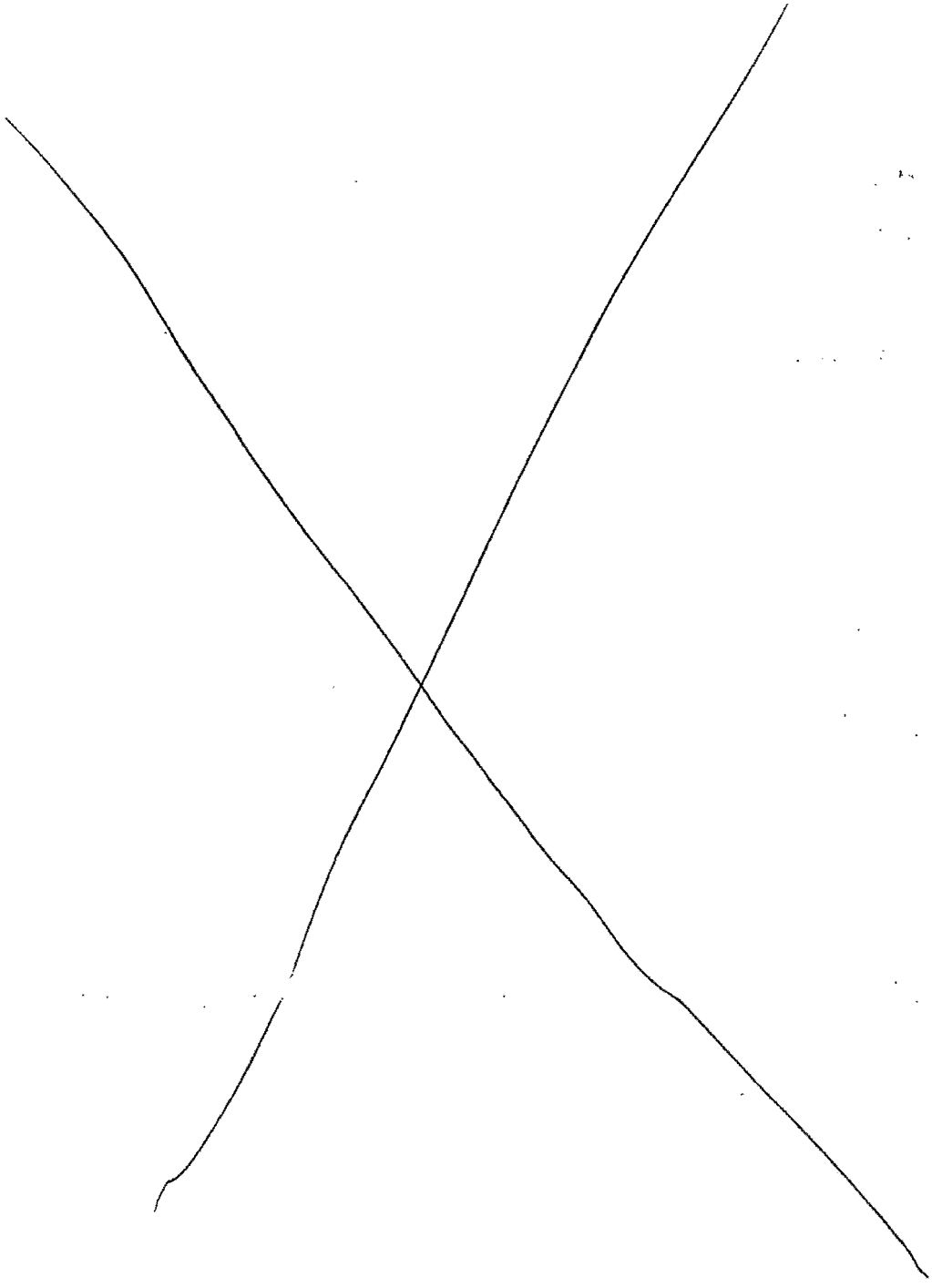
**Your New Charges \$733.11**

## Things you should know

### **Lancaster Choice Energy Information**

FOR MORE DETAIL ON YOUR LANCASTER CHOICE ENERGY BILL, CALL US AT 844-288-4523.





Please visit us at [www.sce.com](http://www.sce.com)

## BE AWARE - Fraud Warning and Bill Scams

Southern California has ongoing issues with imposters posing as visiting utility workers, making calls, etc. demanding payment. SCE will never demand money over the phone or show up at your home or business for payment. For questions or tips on how to stay safe, call us at **1-800-655-4555** or go to [www.sce.com/scamalert](http://www.sce.com/scamalert) and read the safety tips.

### 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](http://www.P65Warnings.ca.gov).

1. **Diesel Generation:** 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,

(Continued in next column)

### Proposition 65 Warning (continued)

debris, soil surrounding the poles, or water runoff that may contain dust, debris, and soil previously in contact with the poles.

3. **Painted Structures:** 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 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 usuarios con acceso al Internet podran leer y descargar esta notificacion en espanol en el sitio Web de SCE:

[www.sce.com/avisos](http://www.sce.com/avisos)

### Tips and Solutions for Summer Savings

Summer often means higher energy usage. It is also the time when business electricity rates shift from the lower "winter" Time of Use (TOU) rate period to the higher "summer" TOU rate period of June 1 through September 30. The reason for this shift is to align rates with the increased energy usage that comes with the summer months.

#### No-cost Temporary Tips

- \* Take advantage of day lighting options and reduce lighting levels
- \* Adjust variable speed drive controls for fans, pumps, and chillers
- \* Charge batteries and battery-operated equipment before or after peak hours
- \* Pre-cool building/work areas before peak hours
- \* Raise cooling thermostat settings
- \* Turn off commercial ice machines, decorative fountains, swimming pool/spa pumps
- \* Shift use of non-essential electrical equipment to before or after peak hours

#### Low-cost Permanent Solutions

- \* Replace incandescent or halogen lamps with LED lamps
  - \* Install plug load occupancy sensors to turn off equipment when the workplace is unoccupied
  - \* Install sensory controllers on vending machines, or shut them down for short periods of time
  - \* Inspect weather stripping around windows and doors for deterioration or gaps which allow air movement
- (continued on back page)

## Health and Safety Tips for Temperature-Sensitive Customers

Extreme hot weather may be harmful to people who are in poor health or those who are sensitive to high temperatures. Here are steps you can take to avoid heat-related illness this summer, should you be without air conditioning. To help you stay cool in hot weather:

- Take a cool shower or bath.
- Wear lightweight, loose, light-colored clothing and a head covering.
- Stay out of direct sunlight and limit outdoor activity to covered or shaded areas.
- Drink plenty of water to stay hydrated.
- Visit a movie theatre, an air-conditioned mall, a library or a community center.
- Visit friends or family whose homes are air-conditioned and are located in areas not affected by severe weather or rotating outages.

### What to Do During Rotating Outages?

A rotating outage is a temporary electricity outage, designed to last no more than one hour, to help protect the integrity of the overall electric system. You can prepare for rotating outages by planning ahead. Your rotating outage group number is located at the top of your bill. Customers in rotating outage group N001 (or "Exempt") are normally not subject to rotating outages.

We strongly encourage you to be prepared for summer heat waves and potential outages. Power outages, regardless of their cause, can occur at any time. Since we cannot guarantee uninterrupted service to our customers, it is important that your emergency plan includes having sufficient standby battery power or a back-up portable unit available to power any in-home medical equipment you may have. If you have back-up power generation, we recommend you test it each month to ensure it is ready in case of a power interruption.

### Advance Notification of a Rotating Outage

When possible, we will provide advance notice of a rotating outage via an automated telephone message to residential customers, or to someone in a customer's household who files an application certifying that their health is at risk when they are exposed to extreme temperatures.

Note: If you already participate in our Medical Baseline program, you are automatically enrolled, so you do not need to complete this application form. Medical Baseline program participants receive advance notification, whenever possible, of rotating power outages that may affect them.

To sign up for advance notification, just call **1-800-655-4555** to request an application, complete it, and return it to the address shown on the application.

Upon receipt of your application, we will place your name on a calling list to receive advance notice, whenever practical, if a rotating outage is anticipated in your area. This service will be provided to you at no cost.

## Tips and Solutions for Summer Savings (continued)

- \* Clean/replace air filters and dampers, repair/replace damaged ducts and pipe insulation
- \* Add interior or exterior window blinds or shades to block direct sun during the summer
- \* Perform regular maintenance on key HVAC units

To learn more, visit [www.sce.com/energytips](http://www.sce.com/energytips) or contact your SCE Account Manager.

## 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 your 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

[www.sce.com/reminder](http://www.sce.com/reminder).

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

## 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 happy to look into your concerns.

## 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.

Visit [www.sce.com/generator](http://www.sce.com/generator) for additional information.

## Stay Connected to Us

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



[www.facebook.com/SCE](http://www.facebook.com/SCE)



[www.twitter.com/SCE](http://www.twitter.com/SCE)



Go paperless at [www.sce.com/ebilling](http://www.sce.com/ebilling). It's fast, easy and secure.

P.O. Box 300  
Rosemead, CA  
91772-0001  
[www.sce.com](http://www.sce.com)

JUN 19 2017

# Your electricity bill

JOSHUA MEMORIAL / Page 1 of 6

For billing and service inquiries call 1-800-974-2356

Customer account 2-03-189-5097

Date bill prepared: Jun 15 '17

PO BOX 4055  
DANVILLE, IL 61834-4055

## Your account summary

Previous Balance	\$802.14
Payment Received 05/31	-\$802.14
Balance forward	\$0.00
Your new charges	\$1,067.75
<b>Total amount you owe by Jul 5 '17</b>	<b>\$1,067.75</b>

## Summary of your billing detail

Service account	Service address	Billing period	Your rate	New charges
3-000-4430-87	808 E LANCASTER BLVD LANCASTER, CA	May 12 '17 to Jun 13 '17	TOU-PA-2-B (SCE)	\$606.65
3-044-2455-27	808 E LANCASTER BLVD LANCASTER, CA	May 12 '17 to Jun 13 '17	TOU-PA-2-B	\$461.10
				<b>\$1,067.75</b>

## Things you should know

**You may notice a change in your billing statement.....**

Effective 6/1/2017, the billing rates used to calculate your bill have been modified. For more information, please visit [www.sce.com/bill\\_change](http://www.sce.com/bill_change).

Please return the payment stub below with your payment and make your check payable to Southern California Edison.  
If you want to pay in person, call 1-800-747-8908 for locations, or you can pay online at [www.sce.com](http://www.sce.com).

(14-574) Tear here

Tear here



Customer account 2-03-189-5097  
Please write this number on your check. Make your check payable to Southern California Edison.

Amount due by Jul 5 '17 **\$1,067.75**

Amount enclosed \$

STMT 06152017 P5



JOSHUA MEMORIAL  
PO BOX 4055  
DANVILLE, IL 61834-4055

P.O. BOX 300  
ROSEMEAD, CA 91772-0001

03 189 5097 00000098 000000000000106775000106775

Go paperless at [www.sce.com/ebilling](http://www.sce.com/ebilling). It's fast, easy and secure.

## Contact Information

### Customer service numbers

General Services (U.S. & Canada)	1-800-655-4555
Account Balance & Extensions	1-800-950-2356
Emergency Services & Outages	1-800-611-1911
California Alternate Rates for Energy (CARE)	1-800-447-6620
Electric Industry Restructuring	1-800-799-4723
Energy Theft Hotline	1-800-227-3901
Hearing & Speech Impaired (TTY)	1-800-352-8580

### Multicultural services

Cambodian / ខ្មែរ	1-800-843-1309
Chinese / 中文	1-800-843-8343
Korean / 한국어	1-800-628-3061
Vietnamese / Tiếng Việt	1-800-327-3031
Spanish / Español	1-800-441-2233

Correspondence: Southern California Edison (SCE)  
P. O. Box 6400, Rancho Cucamonga, CA 91729-6400

## Important information

### Rotating outages

A rotating outage is a controlled electric outage that lasts approximately one hour for a group of circuits, which is used during electric system emergency conditions to avoid widespread or uncontrolled blackouts. Each SCE customer is assigned a rotating outage group, shown on the upper part of the SCE bill. If your rotating outage group begins with the letters A, M, R, S, or X, you are subject to rotating outages. If it begins with N or Exempt, you are not. Your rotating outage group may change at any time. For more information, and to see which rotating outage groups are likely to be called in the event of a system emergency, visit [www.sce.com](http://www.sce.com) or call 1-800-655-4555.

### Options for paying your bill

On-line	<a href="http://www.sce.com">www.sce.com</a> or Electronic Fund Transfer	
Mail-in	Check or Money order	
In Person	Authorized payment locations	1-800-747-8908
Phone	QuickCheck	1-800-950-2356
	Credit Card-Visa/MasterCard*	1-800-254-4123
	Debit Card-ACCEL/NYCE/Pulse/Star*	1-800-254-4123

\*The Credit/Debit card payment options are not available for payment of commercial services or security deposits for commercial services.

You may call us for electronic payment options, to make payment arrangements, or for information on agencies to assist you in bill payment. If service has been disconnected, on the day of the service reconnection, be sure all appliances and other electric devices are turned off. For additional home safety tips, visit [www.sce.com/safety](http://www.sce.com/safety) or you may call SCE Customer Service at 1-800-655-4555.

### Past due bills

Your bill was prepared on June 15, 2017. Your bill is due when you receive it and becomes past due 19 days after the date the bill was prepared. You will have 15 days at your new address to pay a bill from a prior address before your service will be terminated. SCE does not terminate residential service for non-payment of bills for other classes of service. Termination of electric service requires a Service Connection charge. If you are a residential customer, and claim an inability to pay and payment arrangements have not been extended to you by SCE pursuant to SCE's filed tariffs, you may contact the California Public Utilities Commission (CPUC).

### Rules and rates

SCE's rules and rates are available in full at [www.sce.com](http://www.sce.com) or upon request.

### Late Payment Charge (LPC)

A late payment charge of 0.8% will be applied to the total unpaid balance on your account if full payment is not received by the due date on this bill (except for CARE and state agency accounts).

### Disputed bills

If you think your bill is incorrect, call us and speak with a customer service representative, or if necessary, with a manager. If you feel unsatisfied with the result of such discussion(s), contact the CPUC, Consumer Affairs Branch by mail at: 505 Van Ness, Room 2003, San Francisco, CA 94102; or at: [www.cpuc.ca.gov](http://www.cpuc.ca.gov), 1-800-649-7570, TTY: 1-800-229-6846. Include a copy of your bill, why you believe SCE did not follow its rules and rates, and a check or money order made out to the CPUC for the disputed amount. You must pay the disputed amount, or send it to the CPUC, before the past-due date to avoid disconnection. The CPUC accepts payment only for matters relating directly to bill accuracy. While the CPUC is investigating your complaint, you must pay any new SCE bills that become due.

### Electronic Fund Transfers (EFT)

When you provide a check as payment, you authorize us either to use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as the same day we receive your payment. You will not receive your check back from your financial institution, but the transaction will appear on your financial institution statement. If you do not wish to authorize an electronic fund transfer, please call the 800 number on the front of your bill.

### Definitions

- DWR Bond Charge: Bonds issued by the Department of Water Resources (DWR) to cover the cost of buying power for customers during the energy crisis are being repaid through this charge.
- SCE Generation: These charges recover energy procurement and generation costs for that portion of your energy provided by SCE. Beginning April 11, 2010, pursuant to CPUC Decision 10-03-022, Direct Access (DA) is again open to all non-residential customers, subject to annual limits during a four year phase-in period, and absolute limits following the phase-in. All residential customers currently returning to Bundled Service may not elect to return to DA service.
- CA Climate Credit: Credit from state effort to fight climate change. Applied monthly to eligible businesses and semi-annually to residents.

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: 2-03-189-5097

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

### Direct Payment (Automatic Debit) Enrollment: 2-03-189-5097

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.

Signature \_\_\_\_\_ Date \_\_\_\_\_

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](http://www.sce.com/eaf) or call (800) 205-8596.

Round-up my bill to next whole dollar amount for EAF

- Every Month       One Month only

Add this amount for EAF \$ \_\_\_\_\_

- Every Month       One Month only

Select one box only and sign below for EAF: \_\_\_\_\_

**Service account** 3-000-4430-87  
**Service address** 808 E LANCASTER BLVD  
LANCASTER, CA 93535

**Rotating outage** Group N001

## Compare the electricity you are using

For meter 254000-004620 from May 12 '17 to Jun 13 '17

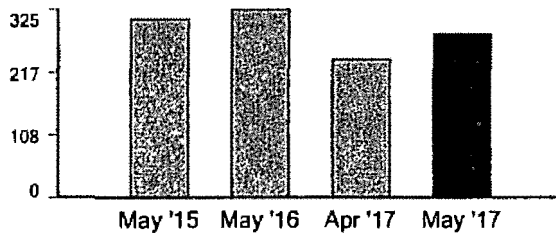
**Total electricity you used this month in kWh** 9,102

Your next billing cycle will end on or about Jul 13 '17.

Maximum demand is 26 kW

	Electricity (kWh)	Demand (kW)	
<b>Winter Season</b>			
Mid peak	2,193	26	(May 26 '17 14:00 to 14:15)
Off peak	2,751	26	(May 21 '17 19:00 to 19:15)
<b>Summer Season</b>			
On peak	548	25	(Jun 12 '17 15:15 to 15:30)
Mid peak	1,288	26	(Jun 8 '17 19:45 to 20:00)
Off peak	2,322	26	(Jun 3 '17 19:00 to 19:15)
<b>Total</b>	<b>9,102</b>		

### Your daily average electricity usage (kWh)



### Usage comparison

	May '15	May '16	Jun '16	Jul '16	Aug '16	Sep '16	Oct '16	Nov '16	Dec '16	Jan '17	Feb '17	Mar '17	Apr '17	May '17
Total kWh used	9,268	10,414	12,294	10,281	9,783	6,988	3,987	2,169	480	785	2,110	2,451	7,204	9,102
Number of days	30	32	30	29	32	30	29	33	29	30	32	29	30	32
Appx. average kWh used/day	308	325	409	354	305	232	137	65	18	26	65	84	240	284

## Details of your new charges

Your rate: TOU-PA-2-B (SCE)

Billing period: May 12 '17 to Jun 13 '17 (32 days Winter/Summer Season)

### Delivery charges

Facilities rel demand	26 kW x \$11.26000	\$292.76
<b>Energy-Winter</b>		
Mid peak	2,193 kWh x \$0.01822	\$39.96
Off peak	2,751 kWh x \$0.01822	\$50.12
<b>Energy-Summer</b>		
On peak	548 kWh x \$0.01732	\$9.49
Mid peak	1,288 kWh x \$0.01732	\$22.31

(Continued on next page)

**Details of your new charges (continued)**

Off peak	2,322 kWh x \$0.01732	\$40.22
Customer charge		\$41.63

**CCA cost responsibility surcharge**

PCIA	9,102 kWh x \$0.00632	\$57.53
DWR Bond Charge	9,102 kWh x \$0.00549	\$49.97
CTC	9,102 kWh x -\$0.00023	-\$2.10

**Other charges or credits**

Generation Municipal Surcharge		\$4.76
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<b>Subtotal of your new charges</b>		<b>\$606.65</b>
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<b>Your new charges</b>		<b>\$606.65</b>
-------------------------	--	-----------------

**Your Delivery charges Include:**

- \$49.08 transmission charges
- \$288.37 distribution charges
- \$0.09 nuclear decommissioning charges
- \$99.50 public purpose programs charge
- \$55.52 new system generation charge

**Your overall energy charges include:**

- \$5.47 franchise fees

**Additional information:**

- Service voltage: 480 volts
- Generation Municipal Surcharge (GMS) factor: 0.009095
- 2014 Vintage CRS



SOUTHERN CALIFORNIA  
**EDISON**<sup>®</sup>

An EDISON INTERNATIONAL<sup>®</sup> Company

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JOSHUA MEMORIAL / Page 5 of 6

**Service account** 3-044-2455-27  
**Service address** 808 E LANCASTER BLVD  
LANCASTER, CA 93535

**Rotating outage** Group N001

## Details of your new charges

### LANCASTER CHOICE ENERGY

Your rate: TOU-PA-2-B  
Service Account: 3-044-2455-27  
Billing period: May 12 '17 to Jun 13 '17 (32 days)

#### Generation Charges

10% MARKET DEMAND ADJ		-\$32.16
10% MARKET DEMAND ADJ		-\$18.79
MID-PEAK SUMMER DEM.	9.97 KW @ 2.07	\$20.64
ON-PEAK SUMMER DEM.	9.86 KW @ 11.5	\$113.39
OFF-PEAK SUMMER GEN.	2321.59 KWH @ 0.02816	\$65.38
OFF-PEAK WINTER GEN.	2751.27 KWH @ 0.03342	\$91.95
MID-PEAK WINTER GEN.	2192.98 KWH @ 0.04373	\$95.90
MID-PEAK SUMMER GEN.	1287.7 KWH @ 0.04944	\$63.66
ON-PEAK SUMMER GEN.	548.45 KWH @ 0.10665	\$58.49
ENERGY SURCHARGE		\$2.64

**Sub-Total of LCE Generation Charges** \$461.10

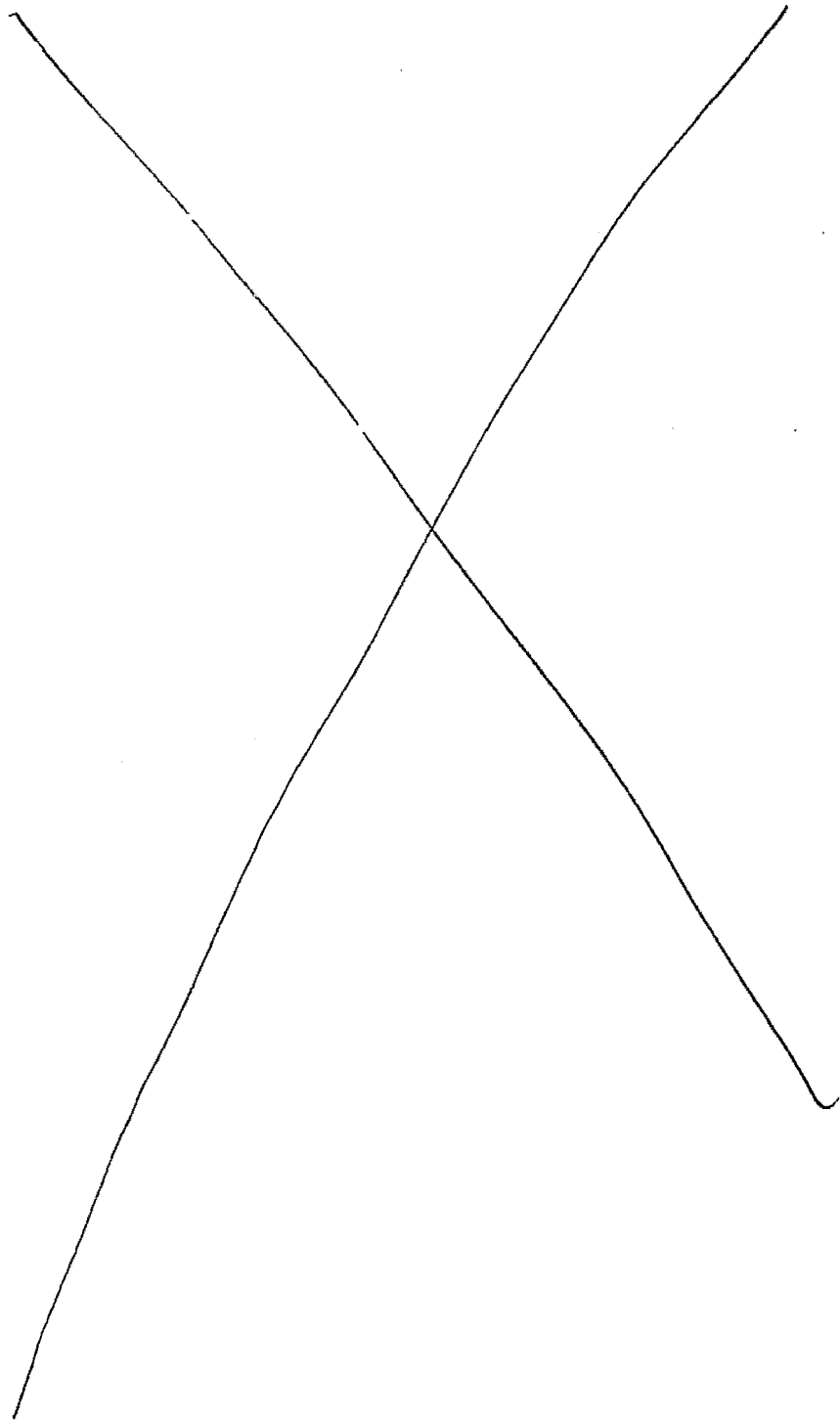
**Your New Charges** \$461.10

## Things you should know

### Lancaster Choice Energy Information

FOR MORE DETAIL ON YOUR LANCASTER CHOICE ENERGY BILL, CALL US AT 844-288-4523.







Go paperless at [www.sce.com/ebilling](http://www.sce.com/ebilling). It's fast, easy and secure.

P.O. Box 300  
Rosemead, CA  
91772-0001  
[www.sce.com](http://www.sce.com)

# Your electricity bill

JOSHUA MEMORIAL / Page 1 of 8

For billing and service inquiries call 1-800-974-2356

Customer account 2-03-189-5097

Date bill prepared: May 16 '17

PO BOX 4055  
DANVILLE, IL 61834-4055

## Your account summary

Previous Balance	\$488.84
Payment Received 05/02	-\$488.84
Balance forward	\$0.00
Your new charges	\$802.14
<b>Total amount you owe by Jun 5 '17</b>	<b>\$802.14</b>

**MAY 22 2017**

## Summary of your billing detail

Service account	Service address	Billing period	Your rate	New charges
3-000-4430-87	808 E LANCASTER BLVD LANCASTER, CA	Apr 12 '17 to May 12 '17	TOU-PA-2-B (SCE)	\$551.81
3-044-2455-27	808 E LANCASTER BLVD LANCASTER, CA	Apr 12 '17 to May 12 '17	TOU-PA-2-B	\$250.33
				<b>\$802.14</b>

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Please return the payment stub below with your payment and make your check payable to Southern California Edison.  
If you want to pay in person, call 1-800-747-8908 for locations, or you can pay online at [www.sce.com](http://www.sce.com).

Tear here



Customer account 2-03-189-5097  
Please write this number on your check. Make your check payable to Southern California Edison.

Amount due by Jun 5 '17

**\$802.14**

Amount enclosed

\$

STMT 05162017 P5



JOSHUA MEMORIAL  
PO BOX 4055  
DANVILLE, IL 61834-4055

P.O. BOX 300  
ROSEMEAD, CA 91772-0001

03 189 5097 00000094 0000000000000080214000080214

Go paperless at [www.sce.com/ebilling](http://www.sce.com/ebilling). It's fast, easy and secure.

## Contact Information

### Customer service numbers

General Services (U.S. & Canada)	1-800-655-4555
Account Balance & Extensions	1-800-950-2356
Emergency Services & Outages	1-800-611-1911
California Alternate Rates for Energy (CARE)	1-800-447-6620
Electric Industry Restructuring	1-800-799-4723
Energy Theft Hotline	1-800-227-3901
Hearing & Speech Impaired (TTY)	1-800-352-8580

### Multicultural services

Cambodian / ខ្មែរ	1-800-843-1309
Chinese / 中文	1-800-843-8343
Korean / 한국어	1-800-628-3061
Vietnamese / Tiếng Việt	1-800-327-3031
Spanish / Español	1-800-441-2233

Correspondence: Southern California Edison (SCE)  
P. O. Box 8400, Rancho Cucamonga, CA 91729-8400

## Important information

### Rotating outages

A rotating outage is a controlled electric outage that lasts approximately one hour for a group of circuits, which is used during electric system emergency conditions to avoid widespread or uncontrolled blackouts. Each SCE customer is assigned a rotating outage group, shown on the upper part of the SCE bill. If your rotating outage group begins with the letters A, M, R, S, or X, you are subject to rotating outages. If it begins with N or Exempt, you are not. Your rotating outage group may change at any time. For more information, and to see which rotating outage groups are likely to be called in the event of a system emergency, visit [www.sce.com](http://www.sce.com) or call 1-800-655-4555.

### Options for paying your bill

On-line	<a href="http://www.sce.com">www.sce.com</a> or Electronic Fund Transfer		
Mail-in	Check or Money order		
In Person	Authorized payment locations	1-800-747-8908	
Phone	QuickCheck	1-800-950-2356	
	Credit Card-Visa/MasterCard*	1-800-254-4123	
	Debit Card-ACCEL/NYCE/Pulse/Star*	1-800-254-4123	

\*The Credit/Debit card payment options are not available for payment of commercial services or security deposits for commercial services.

You may call us for electronic payment options, to make payment arrangements, or for information on agencies to assist you in bill payment. If service has been disconnected, on the day of the service reconnection, be sure all appliances and other electric devices are turned off. For additional home safety tips, visit [www.sce.com/safety](http://www.sce.com/safety) or you may call SCE Customer Service at 1-800-655-4555.

### Past due bills

Your bill was prepared on May 16, 2017. Your bill is due when you receive it and becomes past due 19 days after the date the bill was prepared. You will have 15 days at your new address to pay a bill from a prior address before your service will be terminated. SCE does not terminate residential service for non-payment of bills for other classes of service. Termination of electric service requires a Service Connection charge. If you are a residential customer, and claim an inability to pay and payment arrangements have not been extended to you by SCE pursuant to SCE's filed tariffs, you may contact the California Public Utilities Commission (CPUC).

### Rules and rates

SCE's rules and rates are available in full at [www.sce.com](http://www.sce.com) or upon request.

### Late Payment Charge (LPC)

A late payment charge of 0.8% will be applied to the total unpaid balance on your account if full payment is not received by the due date on this bill (except for CARE and state agency accounts).

### Disputed bills

If you think your bill is incorrect, call us and speak with a customer service representative, or if necessary, with a manager. If you feel unsatisfied with the result of such discussion(s), contact the CPUC, Consumer Affairs Branch by mail at: 505 Van Ness, Room 2003, San Francisco, CA 94102; or at: [www.cpuc.ca.gov](http://www.cpuc.ca.gov), 1-800-649-7570, TTY: 1-800-229-6846. Include a copy of your bill, why you believe SCE did not follow its rules and rates, and a check or money order made out to the CPUC for the disputed amount. You must pay the disputed amount, or send it to the CPUC, before the past-due date to avoid disconnection. The CPUC accepts payment only for matters relating directly to bill accuracy. While the CPUC is investigating your complaint, you must pay any new SCE bills that become due.

### Electronic Fund Transfers (EFT)

When you provide a check as payment, you authorize us either to use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as the same day we receive your payment. You will not receive your check back from your financial institution, but the transaction will appear on your financial institution statement. If you do not wish to authorize an electronic fund transfer, please call the 800 number on the front of your bill.

### Definitions

- DWR Bond Charge: Bonds issued by the Department of Water Resources (DWR) to cover the cost of buying power for customers during the energy crisis are being repaid through this charge.
- SCE Generation: These charges recover energy procurement and generation costs for that portion of your energy provided by SCE. Beginning April 11, 2010, pursuant to CPUC Decision 10-03-022, Direct Access (DA) is again open to all non-residential customers, subject to annual limits during a four year phase-in period, and absolute limits following the phase-in. All residential customers currently returning to Bundled Service may not elect to return to DA service.
- CA Climate Credit: Credit from state effort to fight climate change. Applied monthly to eligible businesses and semi-annually to residents.

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: 2-03-189-5097

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

Direct Payment (Automatic Debit) Enrollment: 2-03-189-5097

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.

Signature \_\_\_\_\_ Date \_\_\_\_\_

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](http://www.sce.com/eaf) or call (800) 205-8598.

Round-up my bill to next whole dollar amount for EAF

Every Month  One Month only

Add this amount for EAF \$ \_\_\_\_\_

Every Month  One Month only

Select one box only and sign below for EAF: \_\_\_\_\_

**Service account** 3-000-4430-87  
**Service address** 808 E LANCASTER BLVD  
LANCASTER, CA 93535

**Rotating outage** Group N001

## Compare the electricity you are using

For meter 254000-004620 from Apr 12 '17 to May 12 '17  
**Total electricity you used this month in kWh**

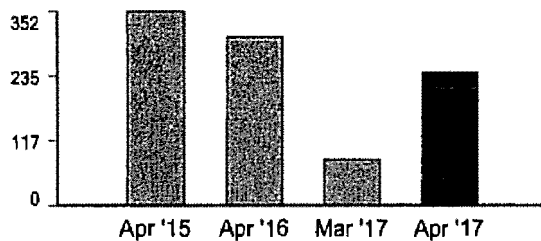
**7,204**

Your next billing cycle will end on or about Jun 13 '17.

	Electricity (kWh)	Demand (kW)	
Winter Season			
Mid peak	3,401	26	(May 11 '17 19:15 to 19:30)
Off peak	3,803	26	(May 7 '17 19:00 to 19:15)
<b>Total</b>	<b>7,204</b>		

Maximum demand is 26 kW

### Your daily average electricity usage (kWh)



### Usage comparison

	Apr '15	Apr '16	May '16	Jun '16	Jul '16	Aug '16	Sep '16	Oct '16	Nov '16	Dec '16	Jan '17	Feb '17	Mar '17	Apr '17
<b>Total kWh used</b>	10,219	8,880	10,414	12,294	10,281	9,783	6,988	3,967	2,169	480	785	2,110	2,451	7,204
<b>Number of days</b>	29	29	32	30	29	32	30	29	33	29	30	32	28	30
<b>Appx. average kWh used/day</b>	352	306	325	409	354	305	232	137	65	16	26	65	84	240

## Details of your new charges

Your rate: TOU-PA-2-B (SCE)  
Billing period: Apr 12 '17 to May 12 '17 (30 days)

### Delivery charges

Facilities rel demand 26 kW x \$11.26000  
Energy-Winter  
Mid peak 3,401 kWh x \$0.01822  
Off peak 3,803 kWh x \$0.01822  
Customer charge

**Your Delivery charges include:**  
• \$55.19 transmission charges  
• \$284.53 distribution charges  
• \$0.07 nuclear decommissioning charges  
• \$78.81 public purpose programs charge  
• \$43.95 new system generation charge

### CCA cost responsibility surcharge

PCIA 7,204 kWh x \$0.00632  
DWR Bond Charge 7,204 kWh x \$0.00549  
CTC 7,204 kWh x -\$0.00023

(Continued on next page)

(Continued on next page)

Details of your new charges (continued)

Other charges or credits

Generation Municipal Surcharge	\$2.74
<hr/>	
Subtotal of your new charges	\$551.81
Your new charges	\$551.81

**Your overall energy charges include:**  
 • \$4.99 franchise fees

**Additional information:**

- Service voltage: 480 volts
- Generation Municipal Surcharge (GMS) factor: 0.009095
- 2014 Vintage CRS



**Service account** 3-044-2455-27  
**Service address** 808 E LANCASTER BLVD  
LANCASTER, CA 93535  
**Rotating outage** Group N001

## Details of your new charges

### LANCASTER CHOICE ENERGY

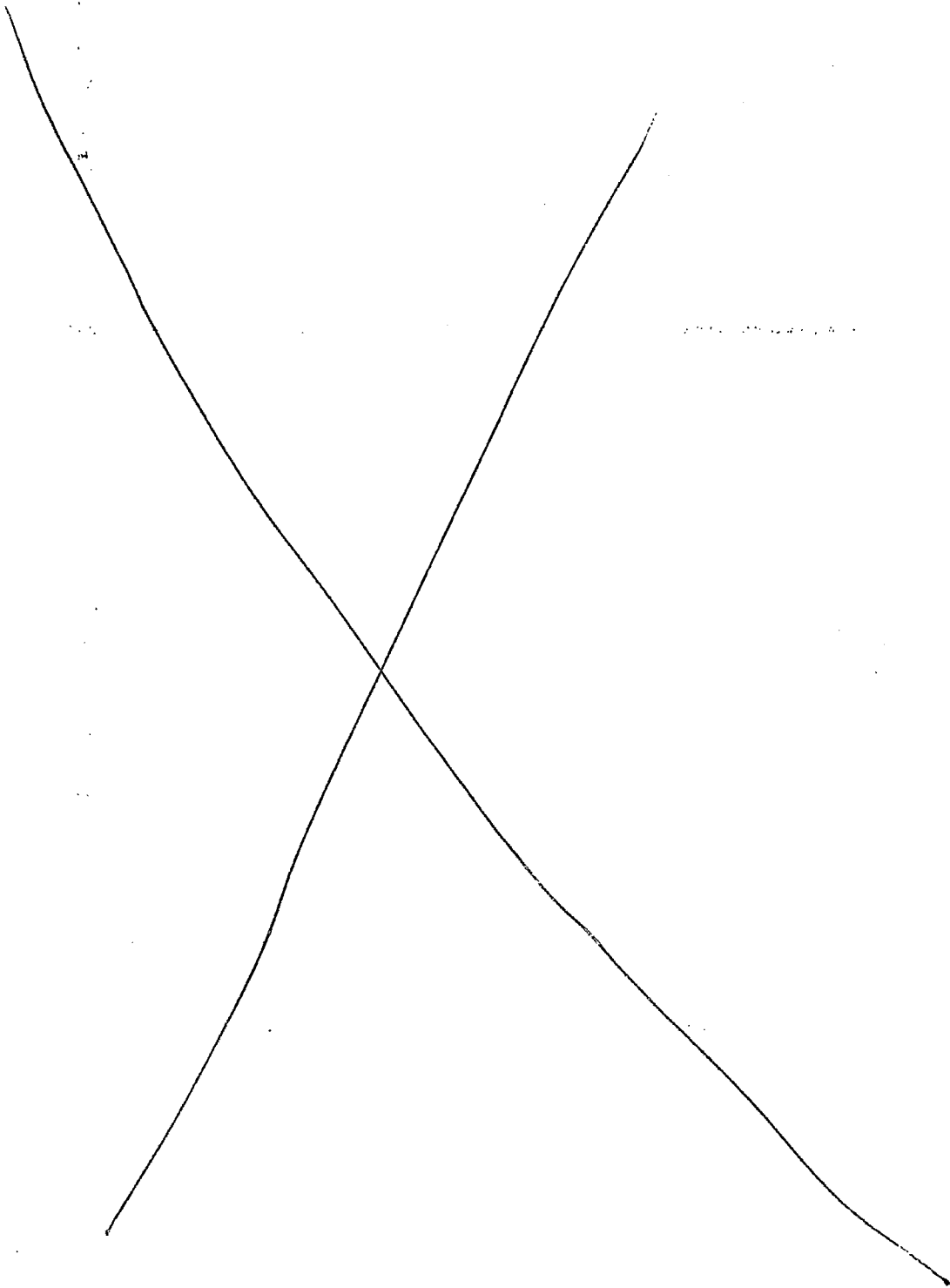
Your rate: TOU-PA-2-B  
Service Account: 3-044-2455-27  
Billing period: Apr 12 '17 to May 12 '17 (30 days)

<b>Generation Charges</b>	
10% MARKET DEMAND ADJ	-\$27.58
OFF-PEAK WINTER GEN. 3802.97 KWH @ 0.03342	\$127.10
MID-PEAK WINTER GEN. 3400.79 KWH @ 0.04373	\$148.72
ENERGY SURCHARGE	\$2.09
<b>Sub-Total of LCE Generation Charges</b>	<b>\$250.33</b>
<b>Your New Charges</b>	<b>\$250.33</b>

## Things you should know

### **Lancaster Choice Energy Information**

FOR MORE DETAIL ON YOUR LANCASTER CHOICE ENERGY BILL, CALL US AT 844-288-4523.



Please visit us at [www.sce.com](http://www.sce.com)

## Time-Of-Use (TOU) Summer On-Peak Rates Go Into Effect June 1

The key to reducing energy costs on Time-of-Use rates is to limit usage during the higher-priced On-Peak hours and shift to lower-priced Mid-Peak and Off-Peak hours. You may already be conserving your energy use and with some additional changes in when you use electricity, you could maximize your energy savings. Go to [sce.com/energytips](http://sce.com/energytips) to find the solutions specific to your industry to help you manage TOU On-Peak rates and control energy use.

### 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](http://www.P65Warnings.ca.gov).

**1. Diesel Generation:** 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, (Continued in next column)

### Proposition 65 Warning (continued)

debris, soil surrounding the poles, or water runoff that may contain dust, debris, and soil previously in contact with the poles.

**3. Painted Structures:** 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 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 usuarios con acceso al Internet podran leer y descargar esta notificacion en espanol en el sitio Web de SCE:

[www.sce.com/avisos](http://www.sce.com/avisos)

### Utility Bill Scams and Caller ID Spoofing Continue to Target Southern California Edison Customers

We are advising all customers to be aware of caller ID spoofing, a practice in which a caller using special phone equipment and technology, deliberately falsifies information on your caller ID display to mask the true origin of the call. "Spoofers" and other impostors claiming to be with SCE may demand immediate payment to avoid disconnection of service for a past due bill. They may also demand that you purchase a prepaid cash card and call them back with the card number. You should terminate these calls and report the incident immediately to your local police and SCE at **1-800-655-4555**.

Always remember that SCE will never call and demand immediate payment and threaten disconnection and an SCE employee will never ask for money in person. And never reveal personal information – credit card or bank account numbers, utility bill account number, etc. to anyone.

If you get a call asking you to leave your residence at a specific time for a utility-related problem, this could be a burglary attempt set up by the caller. Call the police immediately.

Always be suspicious of anyone arriving at your house without an appointment asking to check an appliance, wiring or saying there is an electrical problem inside your residence. (continued next page)



## Health and Safety Tips for Temperature-Sensitive Customers

Extreme hot weather may be harmful to people who are in poor health or those who are sensitive to high temperatures. Here are steps you can take to avoid heat-related illness this summer, should you be without air conditioning. To help you stay cool in hot weather:

- Take a cool shower or bath.
- Wear lightweight, loose, light-colored clothing and a head covering.
- Stay out of direct sunlight and limit outdoor activity to covered or shaded areas.
- Drink plenty of water to stay hydrated.
- Visit a movie theatre, an air-conditioned mall, a library or a community center.
- Visit friends or family whose homes are air-conditioned and are located in areas not affected by severe weather or rotating outages.

### What to Do During Rotating Outages?

A rotating outage is a temporary electricity outage, designed to last no more than one hour, to help protect the integrity of the overall electric system. You can prepare for rotating outages by planning ahead. Your rotating outage group number is located at the top of your bill. Customers in rotating outage group N001 (or "Exempt") are normally not subject to rotating outages.

We strongly encourage you to be prepared for summer heat waves and potential outages. Power outages, regardless of their cause, can occur at any time. Since we cannot guarantee uninterrupted service to our customers, it is important that your emergency plan includes having sufficient standby battery power or a back-up portable unit available to power any in-home medical equipment you may have. If you have back-up power generation, we recommend you test it each month to ensure it is ready in case of a power interruption.

### Advance Notification of a Rotating Outage

When possible, we will provide advance notice of a rotating outage via an automated telephone message to residential customers, or to someone in a customer's household who files an application certifying that their health is at risk when they are exposed to extreme temperatures.

Note: If you already participate in our Medical Baseline program, you are automatically enrolled, so you do not need to complete this application form. Medical Baseline program participants receive advance notification, whenever possible, of rotating power outages that may affect them.

To sign up for advance notification, just call **1-800-655-4555** to request an application, complete it, and return it to the address shown on the application.

Upon receipt of your application, we will place your name on a calling list to receive advance notice, whenever practical, if a rotating outage is anticipated in your area. This service will be provided to you at no cost.

### Bill Scams & Caller Id Spoofing (continued)

We pre-schedule most visits but sometimes need to check equipment. Our employees will always wear an SCE badge in a visible location. You can contact us at **1-800-655-4555** to verify a visit.

For more information about potential scams and tips to protect yourself, please visit [www.sce.com/scamalert](http://www.sce.com/scamalert)

### Is Your Water Heater Safely Strapped In?

You and your household members may face a serious threat of fire, explosion, or electrocution if your water heater overturns or suffers damage to electrical wiring or plumbing during a disaster, such as an earthquake.

For that reason, California law requires that all water heaters must be braced, anchored, or strapped to avoid falling during an emergency situation.

To safely secure your water heater and to comply with California's safety requirements, have a licensed professional install an approved restraint kit to your water heater. Kits may be found at your local hardware or home improvement store.

## Metallic Balloon Safety Tips

While fun for those giving and receiving them, metallic balloons are no fun for people and businesses who experience power outages and potential injuries when they are allowed to float into power lines. Follow these tips to help avoid the disruptions and risks that come with free-floating balloons:

- Keep metallic balloons indoors and never release them outside as they can cause electrical outages if they come in contact with wires
- Securely tie a weight to balloons, as required by state law
- Do not attempt to retrieve a balloon, kite or any object tangled in wires - stay away and call SCE at **1-800-611-1911** and report the problem

If you see a downed wire – even if it appears not to be live – stay away and call 911. Do not approach or touch any downed wire, or anyone or anything in contact with it.

To learn about more electrical safety tips, visit us at:

[on.sce.com/staysafe](http://on.sce.com/staysafe)

## Stay Connected to Us

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



[www.facebook.com/SCE](http://www.facebook.com/SCE)



[www.twitter.com/SCE](http://www.twitter.com/SCE)



Go paperless at [www.sce.com/ebilling](http://www.sce.com/ebilling). It's fast, easy and secure.

# Your electricity bill

P.O. Box 300  
Rosemead, CA  
91772-0001  
[www.sce.com](http://www.sce.com)

JOSHUA MEMORIAL / Page 1 of 8

For billing and service inquiries call 1-800-974-2356,

Customer account 2-03-189-5097

Date bill prepared: Apr 14 '17

PO BOX 4055  
DANVILLE, IL 61834-4055

**APR 19 2017**

## Your account summary

Previous Balance	\$468.27
Payment Received 04/07	-\$468.27
Balance forward	\$0.00
Your new charges	\$485.75
Late payment charge	\$3.09
<b>Total amount you owe by May 3 '17</b>	<b>\$488.84</b>



## Summary of your billing detail

Service account	Service address	Billing period	Your rate	New charges
3-000-4430-87	808 E LANCASTER BLVD LANCASTER, CA	Mar 14 '17 to Apr 12 '17	TOU-PA-2-B (SCE)	\$397.14
3-044-2455-27	808 E LANCASTER BLVD LANCASTER, CA	Mar 14 '17 to Apr 12 '17	TOU-PA-2-B	\$88.61
				<b>\$485.75</b>

Please return the payment stub below with your payment and make your check payable to Southern California Edison.  
If you want to pay in person, call 1-800-747-8908 for locations, or you can pay online at [www.sce.com](http://www.sce.com).

(14-574)

Tear here

Tear here



Customer account 2-03-189-5097  
Please write this number on your check. Make your check payable to Southern California Edison.

**Amount due by May 3 '17**

**\$488.84**

Amount enclosed \$

STMT 04142017 P5



JOSHUA MEMORIAL  
PO BOX 4055  
DANVILLE, IL 61834-4055

P.O. BOX 300  
ROSEMEAD, CA 91772-0001

03 189 5097 00000091 000000000000048884000048884

Go paperless at [www.sce.com/ebilling](http://www.sce.com/ebilling). It's fast, easy and secure.

## Contact Information

### Customer service numbers

General Services (U.S. & Canada)	1-800-655-4555
Account Balance & Extensions	1-800-950-2356
Emergency Services & Outages	1-800-611-1911
California Alternate Rates for Energy (CARE)	1-800-447-6620
Electric Industry Restructuring	1-800-799-4723
Energy Theft Hotline	1-800-227-3901
Hearing & Speech Impaired (TTY)	1-800-352-8580

### Multicultural services

Cambodian / ខ្មែរ	1-800-843-1309
Chinese / 中文	1-800-843-8343
Korean / 한국어	1-800-628-3061
Vietnamese / Tiếng Việt	1-800-327-3031
Spanish / Español	1-800-441-2233

Correspondence: Southern California Edison (SCE)  
P. O. Box 8400, Rancho Cucamonga, CA 91729-8400

## Important information

### Rotating outages

A rotating outage is a controlled electric outage that lasts approximately one hour for a group of circuits, which is used during electric system emergency conditions to avoid widespread or uncontrolled blackouts. Each SCE customer is assigned a rotating outage group, shown on the upper part of the SCE bill. If your rotating outage group begins with the letters A, M, R, S, or X, you are subject to rotating outages. If it begins with N or Exempt, you are not. Your rotating outage group may change at any time. For more information, and to see which rotating outage groups are likely to be called in the event of a system emergency, visit [www.sce.com](http://www.sce.com) or call 1-800-655-4555.

### Options for paying your bill

On-line	<a href="http://www.sce.com">www.sce.com</a> or Electronic Fund Transfer	
Mail-in	Check or Money order	
In Person	Authorized payment locations	1-800-747-8908
Phone	QuickCheck	1-800-950-2356
	Credit Card-Visa/MasterCard*	1-800-254-4123
	Debit Card-ACCEL/NYCE/Pulse/Star*	1-800-254-4123

\*The Credit/Debit card payment options are not available for payment of commercial services or security deposits for commercial services.

You may call us for electronic payment options, to make payment arrangements, or for information on agencies to assist you in bill payment. If service has been disconnected, on the day of the service reconnection, be sure all appliances and other electric devices are turned off. For additional home safety tips, visit [www.sce.com/safety](http://www.sce.com/safety) or you may call SCE Customer Service at 1-800-655-4555.

### Past due bills

Your bill was prepared on April 14, 2017. Your bill is due when you receive it and becomes past due 19 days after the date the bill was prepared. You will have 15 days at your new address to pay a bill from a prior address before your service will be terminated. SCE does not terminate residential service for non-payment of bills for other classes of service. Termination of electric service requires a Service Connection charge. If you are a residential customer, and claim an inability to pay and payment arrangements have not been extended to you by SCE pursuant to SCE's filed tariffs, you may contact the California Public Utilities Commission (CPUC).

### Rules and rates

SCE's rules and rates are available in full at [www.sce.com](http://www.sce.com) or upon request.

### Late Payment Charge (LPC)

A late payment charge of 0.8% will be applied to the total unpaid balance on your account if full payment is not received by the due date on this bill (except for CARE and state agency accounts).

### Disputed bills

If you think your bill is incorrect, call us and speak with a customer service representative, or if necessary, with a manager. If you feel unsatisfied with the result of such discussion(s), contact the CPUC, Consumer Affairs Branch by mail at: 505 Van Ness, Room 2003, San Francisco, CA 94102; or at: [www.cpuc.ca.gov](http://www.cpuc.ca.gov), 1-800-649-7570, TTY: 1-800-229-6846. Include a copy of your bill, why you believe SCE did not follow its rules and rates, and a check or money order made out to the CPUC for the disputed amount. You must pay the disputed amount, or send it to the CPUC, before the past-due date to avoid disconnection. The CPUC accepts payment only for matters relating directly to bill accuracy. While the CPUC is investigating your complaint, you must pay any new SCE bills that become due.

### Electronic Fund Transfers (EFT)

When you provide a check as payment, you authorize us either to use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as the same day we receive your payment. You will not receive your check back from your financial institution, but the transaction will appear on your financial institution statement. If you do not wish to authorize an electronic fund transfer, please call the 800 number on the front of your bill.

### Definitions

- DWR Bond Charge: Bonds issued by the Department of Water Resources (DWR) to cover the cost of buying power for customers during the energy crisis are being repaid through this charge.
- SCE Generation: These charges recover energy procurement and generation costs for that portion of your energy provided by SCE. Beginning April 11, 2010, pursuant to CPUC Decision 10-03-022, Direct Access (DA) is again open to all non-residential customers, subject to annual limits during a four year phase-in period, and absolute limits following the phase-in. All residential customers currently returning to Bundled Service may not elect to return to DA service.
- CA Climate Credit: Credit from state effort to fight climate change. Applied monthly to eligible businesses and semi-annually to residents.

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: 2-03-189-5097

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

### Direct Payment (Automatic Debit) Enrollment: 2-03-189-5097

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.

Signature \_\_\_\_\_ Date \_\_\_\_\_

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](http://www.sce.com/eaf) or call (800) 205-8596.

Round-up my bill to next whole dollar amount for EAF

Every Month  One Month only

Add this amount for EAF \$ \_\_\_\_\_

Every Month  One Month only

Select one box only and sign below for EAF: \_\_\_\_\_

**Service account** 3-000-4430-87  
**Service address** 808 E LANCASTER BLVD  
LANCASTER, CA 93535

**Rotating outage** Group N001

## Compare the electricity you are using

For meter 254000-004620 from Mar 14 '17 to Apr 12 '17  
**Total electricity you used this month in kWh**

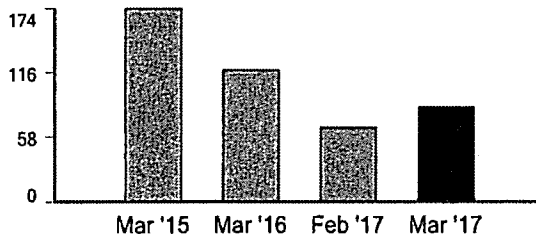
**2,451**

Your next billing cycle will end on or about May 12 '17.

	Electricity (kWh)	Demand (kW)
Winter Season		
Mid peak	1,527	25 (Apr 11 '17 08:15 to 08:30)
Off peak	924	25 (Apr 2 '17 08:15 to 08:30)
<b>Total</b>	<b>2,451</b>	

Maximum demand is 25 kW

### Your daily average electricity usage (kWh)



### Usage comparison

	Mar '15	Mar '16	Apr '16	May '16	Jun '16	Jul '16	Aug '16	Sep '16	Oct '16	Nov '16	Dec '16	Jan '17	Feb '17	Mar '17
Total kWh used	5,582	3,552	8,880	10,414	12,294	10,281	9,783	6,988	3,987	2,169	480	785	2,110	2,451
Number of days	32	30	29	32	30	29	32	30	29	33	29	30	32	29
Appx. average kWh used/day	174	118	306	325	409	354	305	232	137	65	16	26	65	84

## Details of your new charges

Your rate: TOU-PA-2-B (SCE)  
Billing period: Mar 14 '17 to Apr 12 '17 (29 days)

### Delivery charges

Facilities rel demand 25 kW x \$11.26000  
Energy-Winter  
Mid peak 1,527 kWh x \$0.01822  
Off peak 924 kWh x \$0.01822  
Customer charge

**Your Delivery charges include:**  
• \$58.84 transmission charges  
• \$266.11 distribution charges  
• \$0.02 nuclear decommissioning charges  
• \$26.81 public purpose programs charge  
• \$14.95 new system generation charge

### CCA cost responsibility surcharge

PCIA 2,451 kWh x \$0.00632 \$15.49  
DWR Bond Charge 2,451 kWh x \$0.00549 \$13.46  
CTC 2,451 kWh x -\$0.00023 -\$0.56

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**Details of your new charges (continued)**

<b>Other charges or credits</b>	
Generation Municipal Surcharge	\$0.96
<hr/>	
<b>Subtotal of your new charges</b>	<b>\$397.14</b>
<hr/>	
<b>Your new charges</b>	<b>\$397.14</b>

**Your overall energy charges include:**  
 • \$3.60 franchise fees

**Additional Information:**

- Service voltage: 480 volts
- Generation Municipal Surcharge (GMS) factor: 0.009095
- 2014 Vintage CRS



**Service account** 3-044-2455-27  
**Service address** 808 E LANCASTER BLVD  
LANCASTER, CA 93535  
**Rotating outage** Group N001

## Details of your new charges

### LANCASTER CHOICE ENERGY

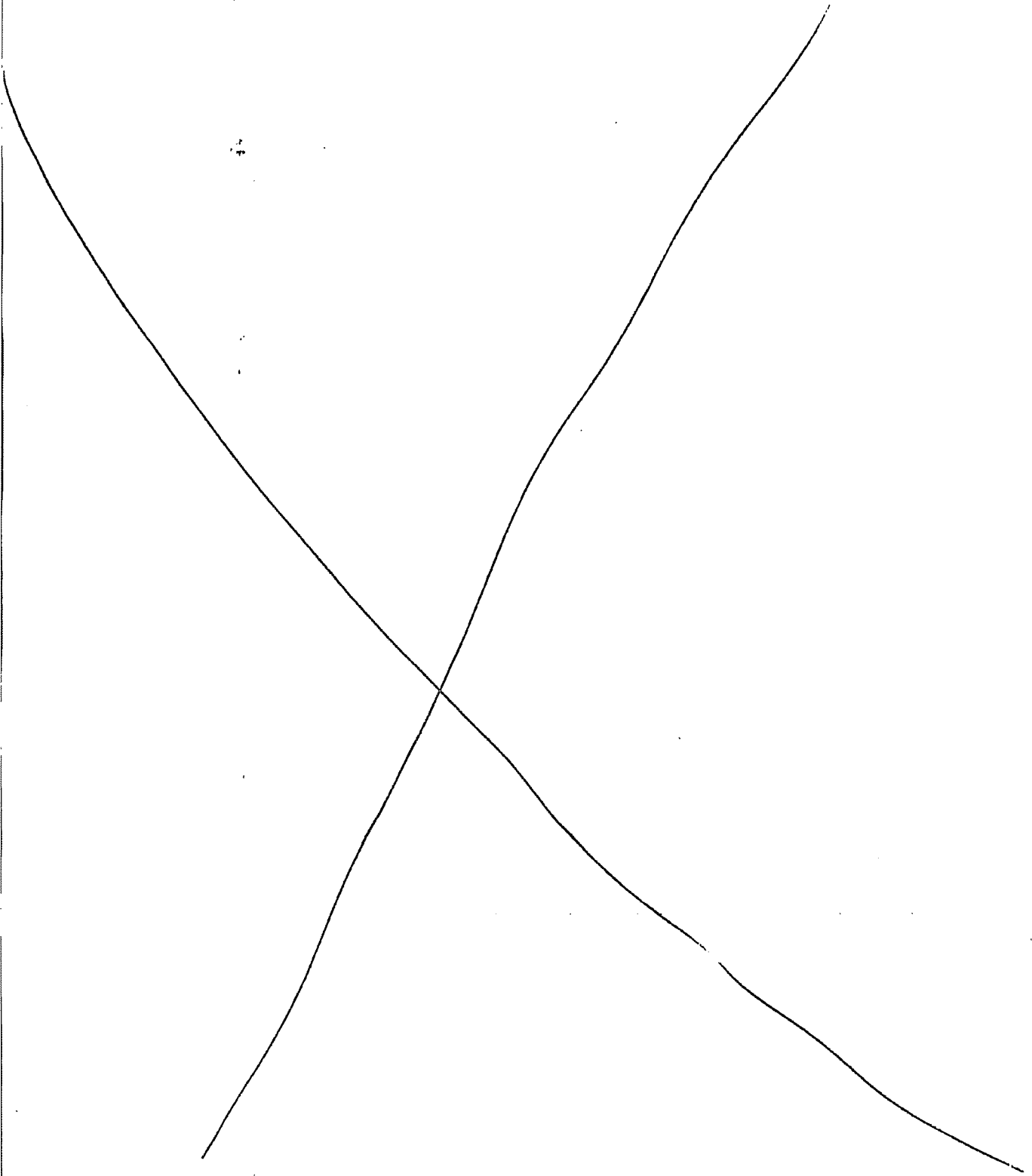
Your rate: TOU-PA-2-B  
Service Account: 3-044-2455-27  
Billing period: Mar 14 '17 to Apr 12 '17 (29 days)

Generation Charges	
10% MARKET DEMAND ADJ	-\$9.77
OFF-PEAK WINTER GEN. 924.63 KWH @ 0.03342	\$30.90
MID-PEAK WINTER GEN. 1526.86 KWH @ 0.04373	\$66.77
ENERGY SURCHARGE	\$0.71
<b>Sub-Total of LCE Generation Charges</b>	<b>\$88.61</b>
<b>Your New Charges</b>	<b>\$88.61</b>

## Things you should know

### **Lancaster Choice Energy Information**

FOR MORE DETAIL ON YOUR LANCASTER CHOICE ENERGY BILL, CALL US AT 844-288-4523.



Please visit us at [www.sce.com](http://www.sce.com)

## Get Energy Smart

Looking to make the most informed choices about energy use in your home or business? We're here to help! Join us at SCE's Energy Education Center (EEC) in Irwindale or Tulare during the month of April for some of our most popular seminars and workshops. All classes are open to the public and are free of cost. Visit [www.sce.com/energycenters](http://www.sce.com/energycenters) for more information. We look forward to seeing you there!

### Basic Heating, Ventilating and Air Conditioning (HVAC).

4/14/17 8:30 a.m. - 12:30 p.m.  
Where: Irvine City Hall

Technicians, maintenance workers and other new-comers to the field will learn the basics of HVAC systems in both residential and commercial applications. Attendees will learn how various HVAC systems and applications can save energy and which units have the best overall value.

### Lighting for Commercial Food Service.

4/18/18 10:00 a.m. - 1:30 p.m.  
Where: EEC, Irwindale

Efficient lighting is an easy way to save energy in a commercial food service operation but it's important to make sure that the lighting fits the mood, décor and function. Using the latest technologies in solid state (LED) lighting, it is possible to illuminate the front of house in a way that is appealing and inviting to your customers while cutting energy costs by 75% or more.

(Continued in next column)

## Call 811 Before Digging

Call 811 before every digging job to mark your underground utility lines.

This service is free. Digging without calling can disrupt utility service to an entire neighborhood and harm you and those around you.

For more information, visit:

[www.sce.com/safety](http://www.sce.com/safety)

Visit [www.sce.com/notices](http://www.sce.com/notices) to check for monthly bill inserts which may include notice of actions and other important information.

## Get Energy Smart (continued)

**Distribution Uniformity Workshop** 4/18/17 8:30 a.m. - 12:30 p.m. Where: EEC, Tulare

This workshop will demonstrate how to check drip system distribution uniformity and what to do if your system is not irrigating properly. Learn how to maintain and repair your existing system including flushing drip lines, laterals and mains. Students will gain an understanding and effect of excessive pressure loss through filters and screens and how this can impact energy usage and related costs. Class will conclude with a demonstration of drip tubing distribution uniformity and how poor DU can negatively impact water & energy usage.

## Give Your Summer Energy Bill A Break Earn Up To \$250 In Bill Credits Per A/C Unit

Summer is coming and warmer weather typically means longer periods of air conditioner (A/C) use. This increased energy usage can result in higher energy bills for your business. You can help counter these higher, summer energy costs by participating in our Summer Discount Plan (SDP).

With SDP you could earn up to \$250 per A/C unit in summer bill credits by allowing us to temporarily cycle off your A/C's compressor during an energy event. Energy events may be called anytime, year round, to reduce demand on the electrical power grid when energy prices are high, during power emergencies, or as part of a test.

SDP is a simple way for your business to reduce energy consumption during an energy event and take advantage of bill credits to help lower your typically higher summer energy bills.

### Participating in energy events is easy – It's all automatic!

Once you enroll, we'll install a small, remote-controlled device on the A/C unit(s) you choose absolutely free of charge. When an energy event is called, the device will automatically cycle off the A/C's compressor based on your chosen level of participation – leaving the fan to continue to run and circulate air for added comfort. Your employees and customers may not even notice a shift in temperature, but you'll notice the break in your energy bill with up to \$250 per A/C unit in bill credits June 1 to October 1.

### You control the settings. And the savings.

Customize your participation by choosing from three different cycling options and savings levels You choose which A/C unit(s) you want to enroll. Of course, the more units you enroll, the more bill credits you'll receive. Plus, your participation will help conserve valuable resources.

#### Maximum Savings: 100% Cycling | \$250

- A/C compressor shuts off 100% of the time during an event
- Earn up to \$250 per year, per unit

#### Good Value: 50% Cycling | \$90

- A/C compressor shuts off 50% of the time, or 15 minutes out of every 30 minutes
- Earn up to \$90 per year, per unit

#### Maximum Comfort: 30% Cycling | \$20

- A/C compressor shuts off 30% of the time, or 9 minutes out of every 30 minutes
- Earn up to \$20 per year, per unit

### How does it work?

SDP energy events can be called year-round, and if you sign up to receive courtesy notifications, we'll notify you when an event is occurring in your area. Your fan will continue to run and circulate air, so your customers and employees may not even notice a shift in temperature. But you'll definitely notice the difference on your bill—up to \$250 in bill credits per unit for each summer you participate.

Visit [sce.com/bizsdp](http://sce.com/bizsdp) or call 1-800-990-7788 for more information and terms.



## Preparing for Summer: Get Ready With Demand Response

Now would be a great time to start actively preparing for summertime by refreshing your understanding of how to maximize your participation in our Demand Response (DR) programs:

- Make sure the correct person at your facility is receiving DR event notices
- Prepare a load reduction strategy for events
- Take measures to reduce your energy usage during events

Designed for businesses like yours, our DR programs give you opportunities to lower your electricity use, or shift usage to off-peak hours. The result is potential bill credits, rate discounts or other incentives.

### Courtesy Notifications

You can also sign up to receive additional courtesy notifications at no cost via phone, text message, or email. To opt-in to these notifications or update your contact information, contact your SCE Account Manager. If you've signed up to receive these notifications in the past you don't need to take any action - you're set to go.

### SCE Demand Response (DR) Alerts App

The SCE DR Alerts App can help you stay informed about upcoming DR program events. The mobile app can be configured to deliver alerts when a DR event is scheduled, has started, and/or has ended and can be customized by DR program, area, and alert preferences. Download and set up the app to begin receiving courtesy DR alerts on your smartphone today!

DR programs can add to your bottom line with minimal disruption to your operations. Here are some tips to help further reduce energy usage:

- Reset or increase space temperatures
- Raise your thermostat setting by a few degrees
- Cycle air conditioner units
- Pre-cool your building or refrigerated storage prior to events
- Turn off all unnecessary equipment when not in use
- Safely dim or turn off lighting
- Turn off non-essential or decorative lighting and fountains
- Use daylight in the afternoon
- Delay or reschedule non-critical batch processes
- Reschedule production that can be shifted outside of events
- Reduce the use of multiple elevators

If you have questions on ways to reduce your energy usage and maximize your savings, go to: [www.sce.com/energytips](http://www.sce.com/energytips)

## BE AWARE: Fraud Warning and Bill Scams

Southern California Edison (SCE) is advising customers to be aware of utility impostors claiming to be with SCE and demanding immediate payment to avoid disconnection of service for allegedly past due electricity bills. The caller demands that you purchase a prepaid cash card for a specific amount of money, call the impostor back, and give that person the card number.

If you suspect a call is fraudulent, ask for the caller's name, department and business phone number. You should then terminate the call and report the incident immediately to local police and SCE at **1-800-655-4555**.

SCE customers should also note that:

- SCE will never call and demand immediate payment with the threat of service disconnection
- An SCE employee will never ask for money in person or a prepaid card
- Never reveal personal information, including your credit card, ATM or calling card number (or PIN number) or SCE account number to anyone.
- If someone calls and requests you leave your residence at a specific time for a utility-related cause, call the police. This could be a burglary attempt set up by the caller.
- Be suspicious of anyone who arrives at your house without an appointment asking to check an appliance, wiring or suggesting that there may be some other electrical problem inside your residence. In most cases, but not all, appointments are scheduled for visits. There are times when our equipment may need to be checked and an appointment is not scheduled for these types of visits, but our employees always have their SCE ID badge displayed on their person for you to see and you can always contact our customer service team at **1-800-655-4555** to confirm the nature of the visit.

For more ways you can stay safe, go to: [www.sce.com/scamalert](http://www.sce.com/scamalert) and read the safety tips.

## What's Your EV IQ?

The more you know about electric vehicles, or EVs, the easier it is to make informed decisions about purchasing or leasing, charging, and driving one.

### Electric Vehicles Cut Carbon Emissions by 70%

Driving an EV helps reduce your carbon footprint by reducing your exhaust emissions. It's true that EVs cut carbon emissions by 70% compared to gasoline cars, and they will continue to get even cleaner as the state initiates even more clean air policies.

### More EVs Mean Cleaner Air

Because EVs dramatically lower smog and greenhouse gasses, accelerated EV adoption will help achieve state environmental goals and federal clean air requirements. In fact, smog-forming gases are reduced by more than 85 percent and petroleum consumption is reduced by 100 percent for each electric vehicle mile driven.

From fewer emissions to fuel savings, there are so many great reasons to go electric. To discover more EV benefits, visit [on.sce.com/EVIQ](http://on.sce.com/EVIQ).



Go paperless at [www.sce.com/ebilling](http://www.sce.com/ebilling). It's fast, easy and secure.

P.O. Box 300  
Rosemead, CA  
91772-0001  
[www.sce.com](http://www.sce.com)

# Your electricity bill

JOSHUA MEMORIAL / Page 1 of 8

For billing and service inquiries call 1-800-974-2356,

Customer account 2-03-189-5097

Date bill prepared: Mar 16 '17

PO BOX 4055  
DANVILLE, IL 61834-4055

## Your account summary

Previous Balance	\$381.00
Payment Received 03/01	-\$381.00
Balance forward	\$0.00
Your new charges	\$468.27
<b>Total amount you owe by Apr 4 '17</b>	<b>\$468.27</b>

MAR 22 2017

## Summary of your billing detail

Service account	Service address	Billing period	Your rate	New charges
3-000-4430-87	808 E LANCASTER BLVD LANCASTER, CA	Feb 10 '17 to Mar 14 '17	TOU-PA-2-B (SCE)	\$386.80
3-044-2455-27	808 E LANCASTER BLVD LANCASTER, CA	Feb 10 '17 to Mar 14 '17	TOU-PA-2-B	\$81.47
				<b>\$468.27</b>

Please return the payment stub below with your payment and make your check payable to Southern California Edison.  
If you want to pay in person, call 1-800-747-8908 for locations, or you can pay online at [www.sce.com](http://www.sce.com).

(14-574) Tear here

Tear here



Customer account 2-03-189-5097  
Please write this number on your check. Make your check payable to Southern California Edison.

Amount due by Apr 4 '17 **\$468.27**

Amount enclosed \$

STMT 03162017 P5  
JOSHUA MEMORIAL  
PO BOX 4055  
DANVILLE, IL 61834-4055

P.O. BOX 300  
ROSEMEAD, CA 91772-0001

03 189 5097 00000096 00000000000046827000046827

Go paperless at [www.sce.com/ebilling](http://www.sce.com/ebilling). It's fast, easy and secure.

## Contact Information

### Customer service numbers

General Services (U.S. & Canada)	1-800-655-4555
Account Balance & Extensions	1-800-950-2356
Emergency Services & Outages	1-800-611-1911
California Alternate Rates for Energy (CARE)	1-800-447-6620
Electric Industry Restructuring	1-800-799-4723
Energy Theft Hotline	1-800-227-3901
Hearing & Speech Impaired (TTY)	1-800-352-8580

### Multicultural services

Cambodian / ភ្នំ	1-800-843-1309
Chinese / 中文	1-800-843-8343
Korean / 한국어	1-800-628-3061
Vietnamese / Tiếng Việt	1-800-327-3031
Spanish / Español	1-800-441-2233

Correspondence: Southern California Edison (SCE)  
P. O. Box 8400, Rancho Cucamonga, CA 91729-8400

## Important information

### Rotating outages

A rotating outage is a controlled electric outage that lasts approximately one hour for a group of circuits, which is used during electric system emergency conditions to avoid widespread or uncontrolled blackouts. Each SCE customer is assigned a rotating outage group, shown on the upper part of the SCE bill. If your rotating outage group begins with the letters A, M, R, S, or X, you are subject to rotating outages. If it begins with N or Exempt, you are not. Your rotating outage group may change at any time. For more information, and to see which rotating outage groups are likely to be called in the event of a system emergency, visit [www.sce.com](http://www.sce.com) or call 1-800-655-4555.

### Options for paying your bill

On-line	<a href="http://www.sce.com">www.sce.com</a> or Electronic Fund Transfer	
Mail-in	Check or Money order	
In Person	Authorized payment locations	1-800-747-8908
Phone	QuickCheck	1-800-950-2356
	Credit Card-Visa/MasterCard*	1-800-254-4123
	Debit Card-ACCEL/NYCE/Pulse/Star*	1-800-254-4123

\*The Credit/Debit card payment options are not available for payment of commercial services or security deposits for commercial services.

You may call us for electronic payment options, to make payment arrangements, or for information on agencies to assist you in bill payment. If service has been disconnected, on the day of the service reconnection, be sure all appliances and other electric devices are turned off. For additional home safety tips, visit [www.sce.com/safety](http://www.sce.com/safety) or you may call SCE Customer Service at 1-800-655-4555.

### Past due bills

Your bill was prepared on March 16, 2017. Your bill is due when you receive it and becomes past due 19 days after the date the bill was prepared. You will have 15 days at your new address to pay a bill from a prior address before your service will be terminated. SCE does not terminate residential service for non-payment of bills for other classes of service. Termination of electric service requires a Service Connection charge. If you are a residential customer, and claim an inability to pay and payment arrangements have not been extended to you by SCE pursuant to SCE's filed tariffs, you may contact the California Public Utilities Commission (CPUC).

### Rules and rates

SCE's rules and rates are available in full at [www.sce.com](http://www.sce.com) or upon request.

### Late Payment Charge (LPC)

A late payment charge of 0.8% will be applied to the total unpaid balance on your account if full payment is not received by the due date on this bill (except for CARE and state agency accounts).

### Disputed bills

If you think your bill is incorrect, call us and speak with a customer service representative, or if necessary, with a manager. If you feel unsatisfied with the result of such discussion(s), contact the CPUC, Consumer Affairs Branch by mail at: 505 Van Ness, Room 2003, San Francisco, CA 94102; or at: [www.cpuc.ca.gov](http://www.cpuc.ca.gov), 1-800-649-7570, TTY: 1-800-229-6846. Include a copy of your bill, why you believe SCE did not follow its rules and rates, and a check or money order made out to the CPUC for the disputed amount. You must pay the disputed amount, or send it to the CPUC, before the past-due date to avoid disconnection. The CPUC accepts payment only for matters relating directly to bill accuracy. While the CPUC is investigating your complaint, you must pay any new SCE bills that become due.

### Electronic Fund Transfers (EFT)

When you provide a check as payment, you authorize us either to use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as the same day we receive your payment. You will not receive your check back from your financial institution, but the transaction will appear on your financial institution statement. If you do not wish to authorize an electronic fund transfer, please call the 800 number on the front of your bill.

### Definitions

- DWR Bond Charge: Bonds issued by the Department of Water Resources (DWR) to cover the cost of buying power for customers during the energy crisis are being repaid through this charge.
- SCE Generation: These charges recover energy procurement and generation costs for that portion of your energy provided by SCE. Beginning April 11, 2010, pursuant to CPUC Decision 10-03-022, Direct Access (DA) is again open to all non-residential customers, subject to annual limits during a four year phase-in period, and absolute limits following the phase-in. All residential customers currently returning to Bundled Service may not elect to return to DA service.
- CA Climate Credit: Credit from state effort to fight climate change. Applied monthly to eligible businesses and semi-annually to residents.

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: 2-03-189-5097

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

Direct Payment (Automatic Debit) Enrollment: 2-03-189-5097

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.

Signature \_\_\_\_\_ Date \_\_\_\_\_

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](http://www.sce.com/eaf) or call (800) 205-8596.

Round-up my bill to next whole dollar amount for EAF

Every Month

One Month only

Every Month

One Month only

Select one box only and sign below for EAF: \_\_\_\_\_



**Service account** 3-000-4430-87  
**Service address** 808 E LANCASTER BLVD  
LANCASTER, CA 93535

**Rotating outage** Group N001

## Compare the electricity you are using

For meter 254000-004620 from Feb 10 '17 to Mar 14 '17

**Total electricity you used this month in kWh**

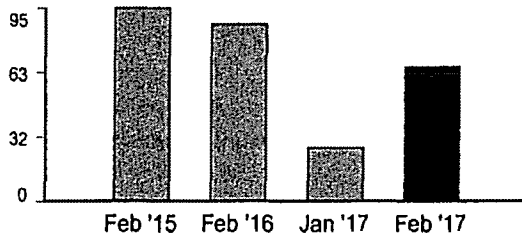
**2,110**

Your next billing cycle will end on or about Apr 12 '17.

Maximum demand is 25 kW

	Electricity (kWh)	Demand (kW)	
Winter Season			
Mid peak	958	25	(Mar 3 '17 17:15 to 17:30)
Off peak	1,152	25	(Mar 12 '17 08:15 to 08:30)
<b>Total</b>	<b>2,110</b>		

### Your daily average electricity usage (kWh)



### Usage comparison

	Feb '15	Feb '16	Mar '16	Apr '16	May '16	Jun '16	Jul '16	Aug '16	Sep '16	Oct '16	Nov '16	Dec '16	Jan '17	Feb '17
Total kWh used	2,835	2,782	3,552	8,880	10,414	12,294	10,281	9,783	6,988	3,987	2,169	480	785	2,110
Number of days	30	32	30	29	32	30	29	32	30	29	33	29	30	32
Appx. average kWh used/day	94	86	118	306	325	409	354	305	232	137	65	16	26	65

## Details of your new charges

Your rate: TOU-PA-2-B (SCE)

Billing period: Feb 10 '17 to Mar 14 '17 (32 days)

### Delivery charges

Facilities rel demand 25 kW x \$11.26000  
Energy-Winter  
Mid peak 958 kWh x \$0.01822  
Off peak 1,152 kWh x \$0.01822  
Customer charge

\$281.50

\$17.45

\$20.99

\$41.63

### CCA cost responsibility surcharge

PCIA 2,110 kWh x \$0.00632  
DWR Bond Charge 2,110 kWh x \$0.00549  
CTC 2,110 kWh x -\$0.00023

\$13.34

\$11.58

-\$0.49

### Your Delivery charges include:

- \$59.28 transmission charges
- \$265.41 distribution charges
- \$0.02 nuclear decommissioning charges
- \$23.08 public purpose programs charge
- \$12.87 new system generation charge

(Continued on next page)

(Continued on next page)

## Details of your new charges (continued)

**Other charges or credits**

Generation Municipal Surcharge	\$0.80
<hr/>	
Subtotal of your new charges	\$386.80
<b>Your new charges</b>	<b>\$386.80</b>

**Your overall energy charges include:**

- \$3.51 franchise fees

**Additional Information:**

- Service voltage: 480 volts
- Generation Municipal Surcharge (GMS) factor: 0.009095
- 2014 Vintage CRS



**Service account** 3-044-2455-27  
**Service address** 808 E LANCASTER BLVD  
LANCASTER, CA 93535

**Rotating outage** Group N001

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## Details of your new charges

### LANCASTER CHOICE ENERGY

Your rate: TOU-PA-2-B  
Service Account: 3-044-2455-27  
Billing period: Feb 10 '17 to Mar 14 '17 (32 days)

#### Generation Charges

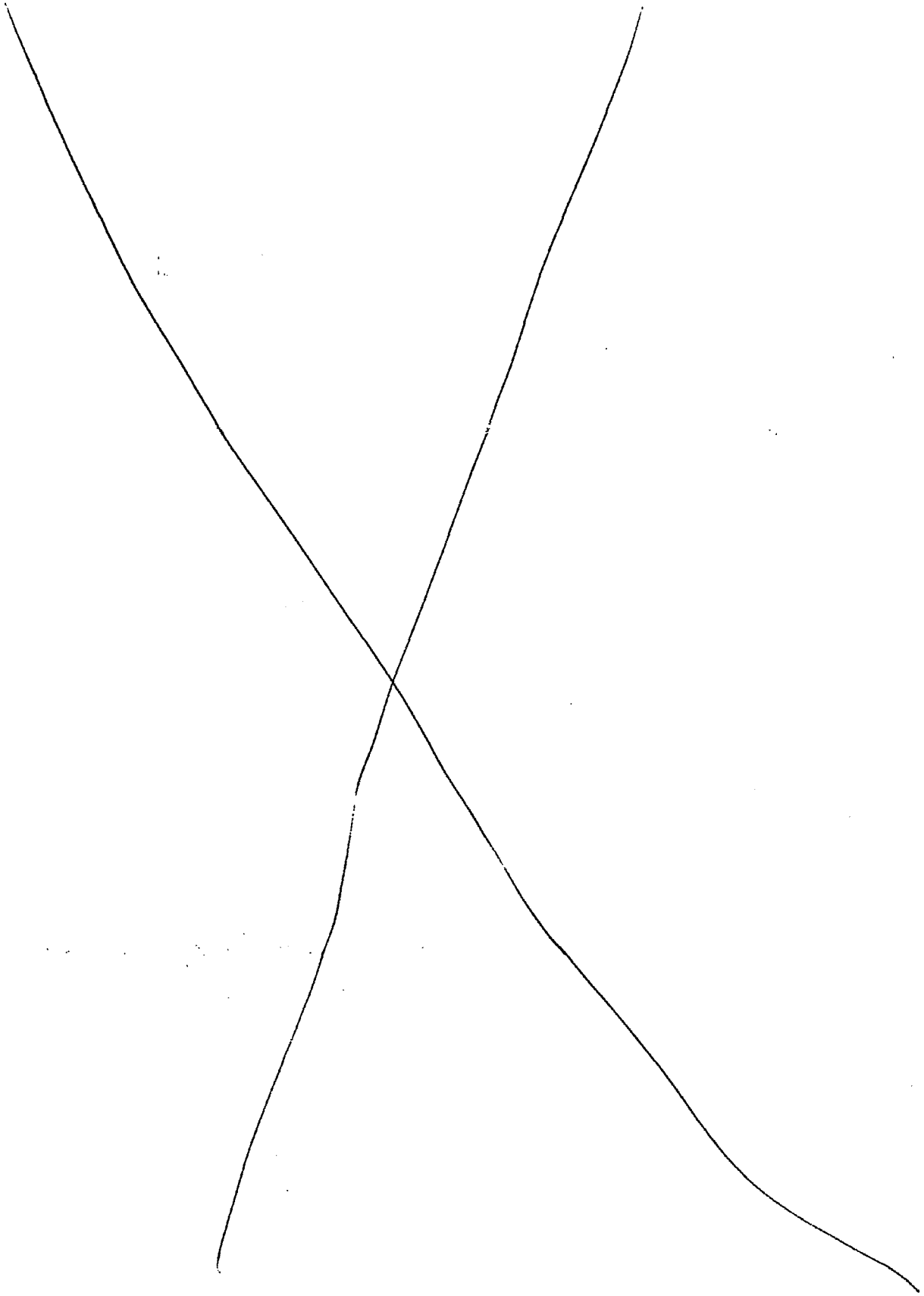
9% MARKET DEMAND ADJ - WINTER		-\$4.84
10% MARKET DEMAND ADJ		-\$3.55
OFF-PEAK WINTER GEN.	604.76 KWH @ 0.03342	\$20.21
OFF-PEAK WINTER GEN.	547.56 KWH @ 0.03583	\$19.62
MID-PEAK WINTER GEN.	348.63 KWH @ 0.04373	\$15.25
MID-PEAK WINTER GEN.	609.3 KWH @ 0.05608	\$34.17
ENERGY SURCHARGE		\$0.61
<b>Sub-Total of LCE Generation Charges</b>		<b>\$81.47</b>
<b>Your New Charges</b>		<b>\$81.47</b>

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## Things you should know

### **Lancaster Choice Energy Information**

FOR MORE DETAIL ON YOUR LANCASTER CHOICE ENERGY BILL, CALL US AT 844-288-4523.



## Enjoying Trees Safely

Trees, shrubs, and other vegetation can cause safety hazards and power outages if they grow into or near power lines. You can help keep trees away from power lines by positioning your trees and shrubs far from overhead power lines.

Also, keep safety considerations in mind when it comes to selecting species to plant. Taller trees should be planted far away from overhead power lines. Remember, trees grow outward as well as up. For trees that will grow taller than 25 feet in height, choose locations that offer plentiful space – at least 20 feet away from power poles or overhead lines when the tree is fully grown.

Visit us at [www.sce.com/safety](http://www.sce.com/safety) for more safety information on trees and power lines. Stay aware. Stay safe.

## Stay Connected to Us

Get energy-saving tips,  
program updates,  
and much more.



[www.Linkedin.com](http://www.Linkedin.com)  
Search for Group: **SCE Business**



[www.twitter.com/SCE\\_Business](http://www.twitter.com/SCE_Business)

## Proposition 65 Warnings

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](http://www.P65Warnings.ca.gov).

### 1. Diesel Generation: 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.

Diesel engines produce exhaust as a by-product of the combustion of diesel fuel. The exhaust contains gas compounds and fine particles (called "soot" or "particulate matter"). It also contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Breathing diesel exhaust can expose you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm, including benzene and 1,3-butadiene.

### 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, and soil previously in contact with the poles.

Visit [www.sce.com/notices](http://www.sce.com/notices) to check for monthly bill inserts which may include notice of actions and other important information.



## Important Summer Discount Plan Program Eligibility Changes

We want to inform participants in SCE's **Summer Discount Plan (SDP)** of important changes to the eligibility requirements that may affect participation

### Effective as of January 1, 2017

We have implemented the following **NEW** requirements in 2017 for participation in the SDP program:

- ◆ **Meter Requirement:** An Edison SmartConnect® meter or interval data recorder (IDR) meter capable of registering hourly interval usage data is required for enrollment.
- ◆ **Minimum Electric Usage Threshold:** Your account must register a minimum of 0.2 kWh per A/C ton, one hour before or after an event at least one time per calendar year to remain eligible for the SDP program.
  - Example: If your A/C tonnage is 5 tons, your minimum usage threshold before or after an event is 1 kWh

These changes will make the program more effective and help ensure customers earning bill credits provide valuable load reduction during SDP event periods. We will conduct an ongoing review, and remove any account from the program that does not meet the new Meter Requirement. We will also conduct an annual review, beginning in 2018, and remove any account from the program that fails to meet the new Minimum Electric Usage Threshold. If your account is removed from the SDP program for not meeting the minimum electric usage threshold, you will not be eligible to re-enroll for the subsequent 12 months.

We'd like to thank you for participating in the **SDP program**, and if you have any questions regarding this change, please feel free to contact **1-800-990-7788**.

## Your New Green Power Options... Supporting Local Solar Power to Create a Clean-Energy Future

As an SCE customer, as of February 2016 you can join one of two available programs that enable you to tap into the power of the sun through new solar energy options – without installing solar panels on your roof. These programs play a key role in creating a cleaner, healthier environment.

### Green Rate Program

- ◆ We purchase solar energy on your behalf from California developers, and you in turn purchase this green power to support 50 percent or 100 percent of your electricity use.

### Community Renewables Program

- ◆ You enter into an agreement with a renewable energy provider to help fund a share of a community-scale renewable project. We purchase the electricity that is produced under your agreement – up to 120 percent of the load forecasted to meet your monthly usage needs – and we pay you directly via bill credits.

### Why Participate?

Enrolling in either the Green Rate or Community Renewables program helps you make a difference in our region by:

- ◆ Supporting local renewable power in our communities
- ◆ Supporting clean energy for a brighter future in Southern California
- ◆ Reducing your greenhouse gas emissions associated with electricity and contributing to a cleaner, healthier environment

Both programs are voluntary and optional, and are available to bundled service customers, meaning those who pay SCE for generation, transmission, and distribution services. You can participate in either of the programs, but not both. In addition, if you are on one of the following rate schedules you are not eligible to participate:

- ◆ Direct Access
- ◆ Economic Development Rates
- ◆ Community Choice Aggregation
- ◆ Non-metered streetlights

Load served on either of the programs cannot exceed 2 megawatts unless you are a government customer.

For SCE, the Green Rate and Community Renewables programs complement our existing solar and other renewable energy initiatives. We currently deliver more renewable power than any other U.S. utility – about 24.3 percent of our energy portfolio in 2015 – helping to provide clean energy for our future.

### To Learn More and Enroll

For more information on the Green Rate and Community Renewables programs, and to enroll, visit [on.sce.com/Greenrate](http://on.sce.com/Greenrate) or [on.sce.com/CommRenew](http://on.sce.com/CommRenew).

## Power Up Your Knowledge

Looking to make the most informed choices about energy use in your home or business? We're here to help.

Our Energy Education Centers in Irwindale and Tulare offer free classes and seminars, interactive hands-on displays, energy demonstrations and consultations to help you make the best energy decisions for your home or business.

Visit us on line at [www.sce.com/energycenters](http://www.sce.com/energycenters) or come by our facilities. We're open to the public Monday – Friday from 8 a.m. – 5 p.m.

For more information or to schedule a tour at either one of our facilities, contact us at:

**Energy Education Center – Irwindale**  
6090 N. Irwindale Ave, Irwindale, CA 91702  
1-626-812-7380 – general information  
[energycentersmarketing@sce.com](mailto:energycentersmarketing@sce.com)

**Energy Education Center – Tulare**  
4175 S. Laspina St, Tulare, CA 93274  
1-559-625-7126 – general information  
[ectularemarketing@sce.com](mailto:ectularemarketing@sce.com)



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91772-0001  
[www.sce.com](http://www.sce.com)

# Your electricity bill

JOSHUA MEMORIAL / Page 1 of 6

FEB 20 2017

For billing and service inquiries call 1-800-974-2356,

Customer account 2-03-189-5097

Date bill prepared: Feb 14 '17

PO BOX 4055  
DANVILLE, IL 61834-4055

## Your account summary

Previous Balance	\$350.05
Payment Received 02/01	-\$350.05
Balance forward	\$0.00
Your new charges	\$381.00
<b>Total amount you owe by Mar 6 '17</b>	<b>\$381.00</b>

## Summary of your billing detail

Service account	Service address	Billing period	Your rate	New charges
3-000-4430-87	808 E LANCASTER BLVD LANCASTER, CA	Jan 11 '17 to Feb 10 '17	TOU-PA-2-B (SCE)	\$346.83
3-044-2455-27	808 E LANCASTER BLVD LANCASTER, CA	Jan 11 '17 to Feb 10 '17	TOU-PA-2-B	\$34.17
				<b>\$381.00</b>

Please return the payment stub below with your payment and make your check payable to Southern California Edison.  
If you want to pay in person, call 1-800-747-8908 for locations, or you can pay online at [www.sce.com](http://www.sce.com).

(14-574)

Tear here

Tear here



Customer account 2-03-189-5097  
Please write this number on your check. Make your  
check payable to Southern California Edison.

Amount due by Mar 6 '17

\$381.00

Amount enclosed \$

STMT 02142017 P5



JOSHUA MEMORIAL  
PO BOX 4055  
DANVILLE, IL 61834-4055

P.O. BOX 300  
ROSEMEAD, CA 91772-0001

03 189 5097 00000093 000000000000038100000038100

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General Services (U.S. & Canada)	1-800-655-4555
Account Balance & Extensions	1-800-950-2356
Emergency Services & Outages	1-800-611-1911
California Alternate Rates for Energy (CARE)	1-800-447-6620
Electric Industry Restructuring	1-800-799-4723
Energy Theft Hotline	1-800-227-3901
Hearing & Speech Impaired (TTY)	1-800-352-8580

### Multicultural services

Cambodian / ខ្មែរ	1-800-843-1309
Chinese / 中文	1-800-843-8343
Korean / 한국어	1-800-628-3061
Vietnamese / Tiếng Việt	1-800-327-3031
Spanish / Español	1-800-441-2233

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In Person	Authorized payment locations	1-800-747-8908
Phone	QuickCheck	1-800-950-2356
	Credit Card-Visa/MasterCard*	1-800-254-4123
	Debit Card-ACCEL/NYCE/Pulse/Star*	1-800-254-4123

\*The Credit/Debit card payment options are not available for payment of commercial services or security deposits for commercial services.

You may call us for electronic payment options, to make payment arrangements, or for information on agencies to assist you in bill payment. If service has been disconnected, on the day of the service reconnection, be sure all appliances and other electric devices are turned off. For additional home safety tips, visit [www.sce.com/safety](http://www.sce.com/safety) or you may call SCE Customer Service at 1-800-655-4555.

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If you think your bill is incorrect, call us and speak with a customer service representative, or if necessary, with a manager. If you feel unsatisfied with the result of such discussion(s), contact the CPUC, Consumer Affairs Branch by mail at: 505 Van Ness, Room 2003, San Francisco, CA 94102; or at: [www.cpuc.ca.gov](http://www.cpuc.ca.gov), 1-800-649-7570, TTY: 1-800-229-6846. Include a copy of your bill; why you believe SCE did not follow its rules and rates, and a check or money order made out to the CPUC for the disputed amount. You must pay the disputed amount, or send it to the CPUC, before the past-due date to avoid disconnection. The CPUC accepts payment only for matters relating directly to bill accuracy. While the CPUC is investigating your complaint, you must pay any new SCE bills that become due.

### Electronic Fund Transfers (EFT)

When you provide a check as payment, you authorize us either to use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as the same day we receive your payment. You will not receive your check back from your financial institution, but the transaction will appear on your financial institution statement. If you do not wish to authorize an electronic fund transfer, please call the 800 number on the front of your bill.

### Definitions

- DWR Bond Charge: Bonds issued by the Department of Water Resources (DWR) to cover the cost of buying power for customers during the energy crisis are being repaid through this charge.
- SCE Generation: These charges recover energy procurement and generation costs for that portion of your energy provided by SCE. Beginning April 11, 2010, pursuant to CPUC Decision 10-03-022, Direct Access (DA) is again open to all non-residential customers, subject to annual limits during a four year phase-in period, and absolute limits following the phase-in. All residential customers currently returning to Bundled Service may not elect to return to DA service.
- CA Climate Credit: Credit from state effort to fight climate change. Applied monthly to eligible businesses and semi-annually to residents.

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: 2-03-189-5097

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

### Direct Payment (Automatic Debit) Enrollment: 2-03-189-5097

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.

Signature \_\_\_\_\_ Date \_\_\_\_\_

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](http://www.sce.com/eaf) or call (800) 205-8596.

Round-up my bill to next whole dollar amount for EAF

Add this amount for EAF \$ \_\_\_\_\_

Select one box only and sign below for EAF:

Every Month

One Month only

Every Month

One Month only

03 189 5097 2017 02 14 10:00 AM



Service account 3-000-4430-87  
Service address 808 E LANCASTER BLVD  
LANCASTER, CA 93535

Rotating outage Group N001

## Compare the electricity you are using

For meter 254000-004620 from Jan 11 '17 to Feb 10 '17

Total electricity you used this month in kWh

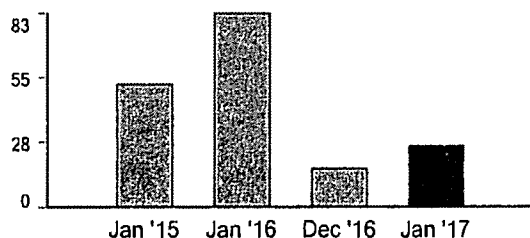
785

Your next billing cycle will end on or about Mar 14 '17.

	Electricity (kWh)	Demand (kW)	
<b>Winter Season</b>			
Mid peak	454	25	(Feb 9 '17 10:15 to 10:30)
Off peak	331	25	(Feb 3 '17 07:15 to 07:30)
<b>Total</b>	<b>785</b>		

Maximum demand is 25 kW

### Your daily average electricity usage (kWh)



### Usage comparison

	Jan '15	Jan '16	Feb '16	Mar '16	Apr '16	May '16	Jun '16	Jul '16	Aug '16	Sep '16	Oct '16	Nov '16	Dec '16	Jan '17
Total kWh used	1,524	2,414	2,782	3,552	8,880	10,414	12,294	10,281	9,783	6,988	3,987	2,169	480	785
Number of days	29	29	32	30	29	32	30	29	32	30	29	33	29	30
Appx. average kWh used/day	52	83	86	118	306	325	409	354	305	232	137	65	16	26

## Details of your new charges

Your rate: TOU-PA-2-B (SCE)

Billing period: Jan 11 '17 to Feb 10 '17 (30 days)

### Delivery charges

Facilities rel demand 25 kW x \$11.26000  
Energy-Winter  
Mid peak 454 kWh x \$0.01822  
Off peak 331 kWh x \$0.01822  
Customer charge

\$281.50

\$8.27

\$6.03

\$41.63

### CCA cost responsibility surcharge

PCIA 785 kWh x \$0.00632  
DWR Bond Charge 785 kWh x \$0.00549  
CTC 785 kWh x -\$0.00023

\$4.96

\$4.31

-\$0.18

### Your Delivery charges include:

- \$60.99 transmission charges
- \$262.72 distribution charges
- \$0.01 nuclear decommissioning charges
- \$8.59 public purpose programs charge
- \$4.79 new system generation charge

### Your overall energy charges include:

- \$3.15 franchise fees

(Continued on next page)

(Continued on next page)

## Details of your new charges (continued)

<b>Other charges or credits</b>	
Generation Municipal Surcharge	\$0.31
<hr/>	
<b>Subtotal of your new charges</b>	<b>\$346.83</b>
<b>Your new charges</b>	<b>\$346.83</b>

**Additional Information:**

- Service voltage: 480 volts
- Generation Municipal Surcharge (GMS) factor: 0.009095
- 2014 Vintage CRS



Service account 3-044-2455-27  
Service address 808 E LANCASTER BLVD  
LANCASTER, CA 93535  
  
Rotating outage Group N001

## Details of your new charges

### LANCASTER CHOICE ENERGY

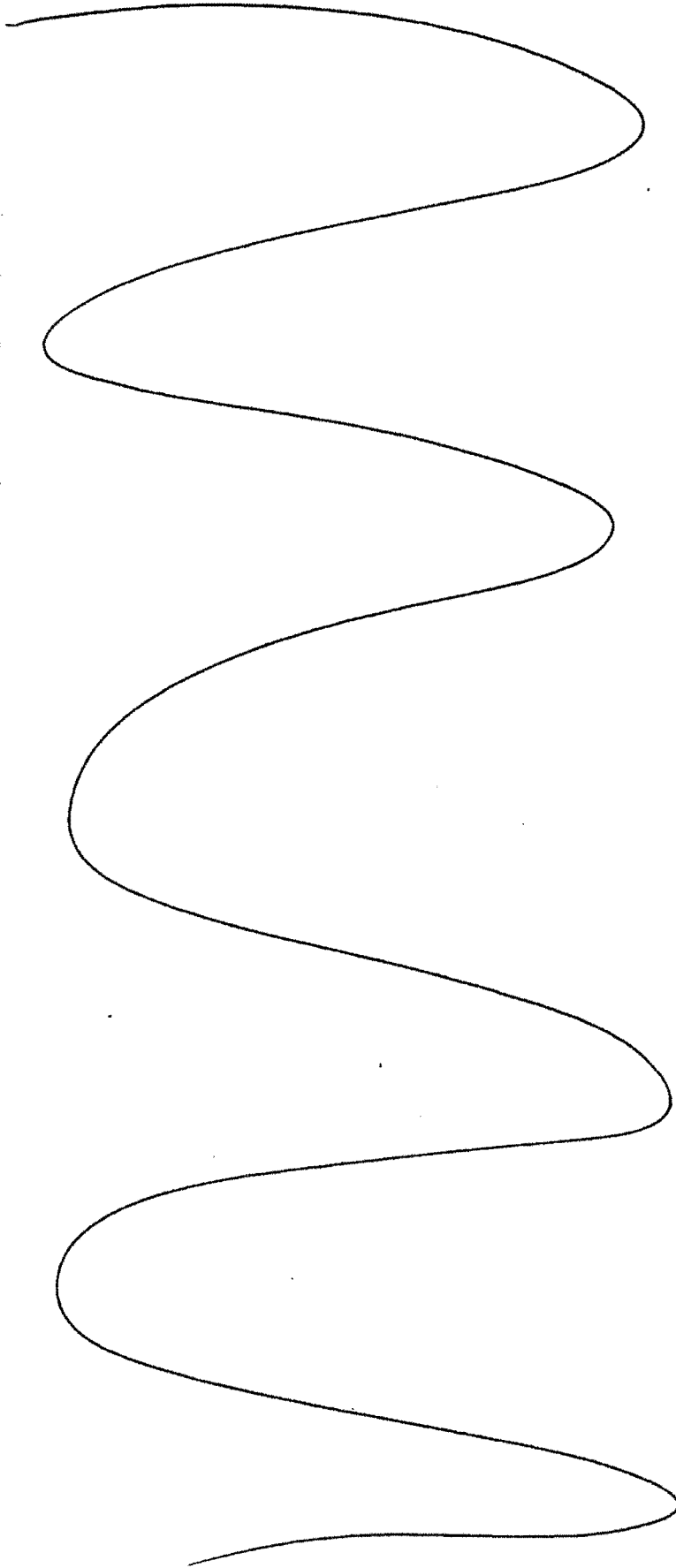
Your rate: TOU-PA-2-B  
Service Account: 3-044-2455-27  
Billing period: Jan 11 '17 to Feb 10 '17 (30 days)

Generation Charges	
9% MARKET DEMAND ADJ - WINTER	-\$3.36
OFF-PEAK WINTER GEN. 330.92 KWH @ 0.03583	\$11.86
MID-PEAK WINTER GEN. 453.66 KWH @ 0.05608	\$25.44
ENERGY SURCHARGE	\$0.23
<b>Sub-Total of LCE Generation Charges</b>	<b>\$34.17</b>
<b>Your New Charges</b>	<b>\$34.17</b>

## Things you should know

### **Lancaster Choice Energy Information**

FOR MORE DETAIL ON YOUR LANCASTER CHOICE ENERGY BILL, CALL US AT 844-288-4523.





Go paperless at [www.sce.com/ebilling](http://www.sce.com/ebilling). It's fast, easy and secure.

# Your electricity bill

P.O. Box 300  
Rosemead, CA  
91772-0001  
[www.sce.com](http://www.sce.com)

JOSHUA MEMORIAL / Page 1 of 6

For billing and service inquiries call 1-800-974-2356.

Customer account 2-03-189-5097

Date bill prepared: Jan 13 '17

**JAN 20 2017**

PO BOX 4055  
DANVILLE, IL 61834-4055

## Your account summary

Previous Balance	\$459.45
Payment Received 01/04	-\$459.45
Balance forward	\$0.00
Your new charges	\$350.05
<b>Total amount you owe by Feb 1 '17</b>	<b>\$350.05</b>



## Summary of your billing detail

Service account	Service address	Billing period	Your rate	New charges
3-000-4430-87	808 E LANCASTER BLVD LANCASTER, CA	Dec 13 '16 to Jan 11 '17	TOU-PA-2-B (SCE)	\$331.22
3-044-2455-27	808 E LANCASTER BLVD LANCASTER, CA	Dec 13 '16 to Jan 11 '17	TOU-PA-2-B	\$18.83
				<b>\$350.05</b>

## Things you should know

### You may notice a change in your billing statement...

Effective 1/1/2017, the billing rates used to calculate your bill have been modified. For more information, please visit [www.sce.com/bill\\_change](http://www.sce.com/bill_change).

Please return the payment stub below with your payment and make your check payable to Southern California Edison.  
If you want to pay in person, call 1-800-747-8908 for locations, or you can pay online at [www.sce.com](http://www.sce.com).

(14-574)

Tear here

Tear here



Customer account 2-03-189-5097  
Please write this number on your check. Make your check payable to Southern California Edison.

Amount due by Feb 1 '17 **\$350.05**

Amount enclosed \$

STMT 01132017 P5



JOSHUA MEMORIAL  
PO BOX 4055  
DANVILLE, IL 61834-4055

P.O. BOX 300  
ROSEMEAD, CA 91772-0001

03 189 5097 00000099 000000000000035005000035005

Go paperless at [www.sce.com/ebilling](http://www.sce.com/ebilling). It's fast, easy and secure.



## Contact Information

### Customer service numbers

General Services (U.S. & Canada)	1-800-655-4555
Account Balance & Extensions	1-800-950-2356
Emergency Services & Outages	1-800-611-1911
California Alternate Rates for Energy (CARE)	1-800-447-6620
Electric Industry Restructuring	1-800-799-4723
Energy Theft Hotline	1-800-227-3901
Hearing & Speech Impaired (TTY)	1-800-352-8580

### Multicultural services

Cambodian / ភ្នំ	1-800-843-1309
Chinese / 中文	1-800-843-8343
Korean / 한국어	1-800-628-3061
Vietnamese / Tiếng Việt	1-800-327-3031
Spanish / Español	1-800-441-2233

Correspondence: Southern California Edison (SCE)  
P. O. Box 8400, Rancho Cucamonga, CA 91729-8400

## Important information

### Rotating outages

A rotating outage is a controlled electric outage that lasts approximately one hour for a group of circuits, which is used during electric system emergency conditions to avoid widespread or uncontrolled blackouts. Each SCE customer is assigned a rotating outage group, shown on the upper part of the SCE bill. If your rotating outage group begins with the letters A, M, R, S, or X, you are subject to rotating outages. If it begins with N or Exempt, you are not. Your rotating outage group may change at any time. For more information, and to see which rotating outage groups are likely to be called in the event of a system emergency, visit [www.sce.com](http://www.sce.com) or call 1-800-655-4555.

### Options for paying your bill

On-line	<a href="http://www.sce.com">www.sce.com</a> or Electronic Fund Transfer	
Mail-In	Check or Money order	
In Person	Authorized payment locations	1-800-747-8908
Phone	QuickCheck	1-800-950-2356
	Credit Card-Visa/MasterCard*	1-800-254-4123
	Debit Card-ACCEL/NYCE/Pulse/Star*	1-800-254-4123

\*The Credit/Debit card payment options are not available for payment of commercial services or security deposits for commercial services.

You may call us for electronic payment options, to make payment arrangements, or for information on agencies to assist you in bill payment. If service has been disconnected, on the day of the service reconnection, be sure all appliances and other electric devices are turned off. For additional home safety tips, visit [www.sce.com/safety](http://www.sce.com/safety) or you may call SCE Customer Service at 1-800-655-4555.

### Past due bills

Your bill was prepared on January 13, 2017. Your bill is due when you receive it and becomes past due 19 days after the date the bill was prepared. You will have 15 days at your new address to pay a bill from a prior address before your service will be terminated. SCE does not terminate residential service for non-payment of bills for other classes of service. Termination of electric service requires a Service Connection charge. If you are a residential customer, and claim an inability to pay and payment arrangements have not been extended to you by SCE pursuant to SCE's filed tariffs, you may contact the California Public Utilities Commission (CPUC).

### Rules and rates

SCE's rules and rates are available in full at [www.sce.com](http://www.sce.com) or upon request.

### Late Payment Charge (LPC)

A late payment charge of 0.8% will be applied to the total unpaid balance on your account if full payment is not received by the due date on this bill (except for CARE and state agency accounts).

### Disputed bills

If you think your bill is incorrect, call us and speak with a customer service representative, or if necessary, with a manager. If you feel unsatisfied with the result of such discussion(s), contact the CPUC, Consumer Affairs Branch by mail at: 505 Van Ness, Room 2003, San Francisco, CA 94102; or at: [www.cpuc.ca.gov](http://www.cpuc.ca.gov), 1-800-649-7570, TTY: 1-800-229-6846. Include a copy of your bill, why you believe SCE did not follow its rules and rates, and a check or money order made out to the CPUC for the disputed amount. You must pay the disputed amount, or send it to the CPUC, before the past-due date to avoid disconnection. The CPUC accepts payment only for matters relating directly to bill accuracy. While the CPUC is investigating your complaint, you must pay any new SCE bills that become due.

### Electronic Fund Transfers (EFT)

When you provide a check as payment, you authorize us either to use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as the same day we receive your payment. You will not receive your check back from your financial institution, but the transaction will appear on your financial institution statement. If you do not wish to authorize an electronic fund transfer, please call the 800 number on the front of your bill.

### Definitions

- DWR Bond Charge: Bonds issued by the Department of Water Resources (DWR) to cover the cost of buying power for customers during the energy crisis are being repaid through this charge.
- SCE Generation: These charges recover energy procurement and generation costs for that portion of your energy provided by SCE. Beginning April 11, 2010, pursuant to CPUC Decision 10-03-022, Direct Access (DA) is again open to all non-residential customers, subject to annual limits during a four year phase-in period, and absolute limits following the phase-in. All residential customers currently returning to Bundled Service may not elect to return to DA service.
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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: 2-03-189-5097

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

Direct Payment (Automatic Debit) Enrollment: 2-03-189-5097

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Signature \_\_\_\_\_ Date \_\_\_\_\_

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Round-up my bill to next whole dollar amount for EAF

Every Month  One Month only

Add this amount for EAF \$ \_\_\_\_\_

Every Month  One Month only

Select one box only and sign below for EAF: \_\_\_\_\_

**Service account** 3-000-4430-87  
**Service address** 808 E LANCASTER BLVD  
LANCASTER, CA 93535

**Rotating outage** Group N001

## Compare the electricity you are using

For meter 254000-004620 from Dec 13 '16 to Jan 11 '17  
**Total electricity you used this month in kWh**

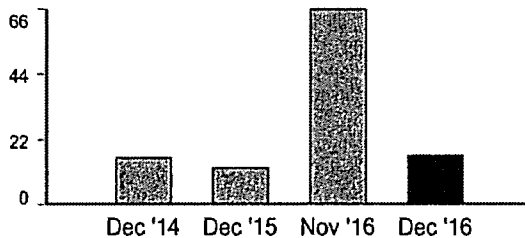
**480**

Your next billing cycle will end on or about Feb 10 '17.

Maximum demand is 25 kW

	Electricity (kWh)	Demand (kW)
Winter Season		
Mid peak	165	25 (Dec 14 '16 16:45 to 17:00)
Off peak	315	25 (Dec 15 '16 07:15 to 07:30)
<b>Total</b>	<b>480</b>	

### Your daily average electricity usage (kWh)



### Usage comparison

	Dec '14	Dec '15	Jan '16	Feb '16	Mar '16	Apr '16	May '16	Jun '16	Jul '16	Aug '16	Sep '16	Oct '16	Nov '16	Dec '16
<b>Total kWh used</b>	505	369	2,414	2,782	3,552	8,880	10,414	12,294	10,281	9,783	6,988	3,987	2,169	480
<b>Number of days</b>	32	30	29	32	30	29	32	30	29	32	30	29	33	29
<b>Appx. average kWh used/day</b>	15	12	83	86	118	306	325	409	354	305	232	137	65	16

## Details of your new charges

Your rate: TOU-PA-2-B (SCE)  
Billing period: Dec 13 '16 to Jan 11 '17 (29 days)

### Delivery charges

Facilities rel demand	25 kW x \$11.07000 x 19/29 days	\$181.32
Facilities rel demand	25 kW x \$11.26000 x 10/29 days	\$97.07
Energy-Winter		
Mid peak	164 kWh x \$0.01560	\$2.56
Off peak	315 kWh x \$0.01560	\$4.91
Mid peak	1 kWh x \$0.01822	\$0.02
Customer charge		\$27.68
Customer charge		\$14.36

### Your Delivery charges include:

- \$56.55 transmission charges
- \$265.08 distribution charges
- -\$0.41 nuclear decommissioning charges
- \$5.07 public purpose programs charge
- \$1.47 new system generation charge

### CCA cost responsibility surcharge

(Continued on next page)

### Your overall energy charges include:

- \$3.01 franchise fees

(Continued on next page)

**Details of your new charges** (continued)

PCIA	479 kWh x \$0.00122	\$0.58
PCIA	1 kWh x \$0.00632	\$0.01
DWR Bond Charge	479 kWh x \$0.00539	\$2.58
DWR Bond Charge	1 kWh x \$0.00549	\$0.01
CTC	479 kWh x -\$0.00009	-\$0.04

**Additional Information:**

- Service voltage: 480 volts
- Generation Municipal Surcharge (GMS) factor: 0.009095
- 2014 Vintage CRS

**Other charges or credits**

Generation Municipal Surcharge	\$0.16
--------------------------------	--------

<b>Subtotal of your new charges</b>	<b>\$331.22</b>
-------------------------------------	-----------------

<b>Your new charges</b>	<b>\$331.22</b>
-------------------------	-----------------



**Service account** 3-044-2455-27  
**Service address** 808 E LANCASTER BLVD  
LANCASTER, CA 93535  
  
**Rotating outage** Group N001

## Details of your new charges

### LANCASTER CHOICE ENERGY

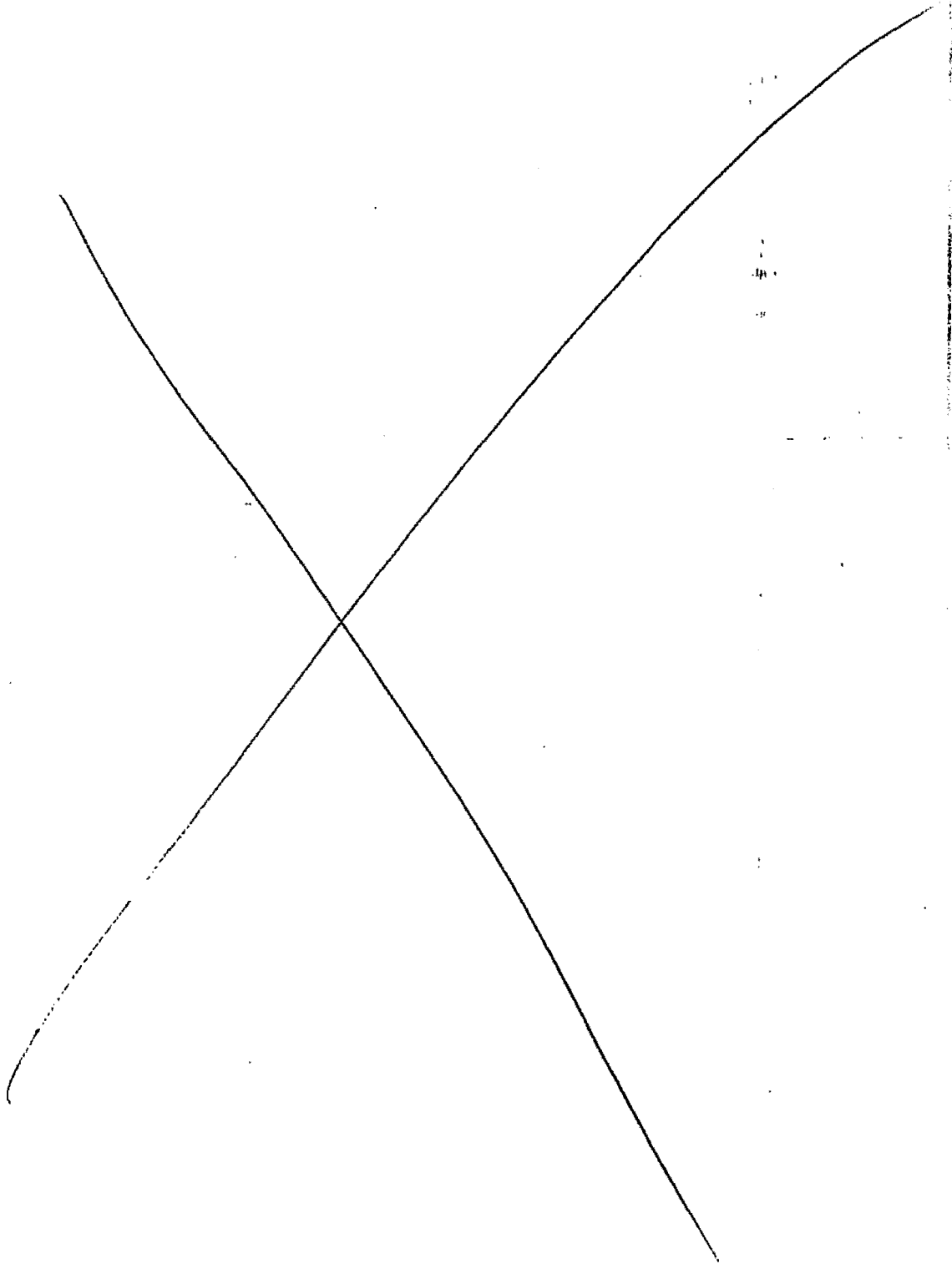
Your rate: TOU-PA-2-B  
Service Account: 3-044-2455-27  
Billing period: Dec 13 '16 to Jan 11 '17 (29 days)

<b>Generation Charges</b>		
9% MARKET DEMAND ADJ - WINTER		-\$1.85
OFF-PEAK WINTER GEN.	315.24 KWH @ 0.03583	\$11.30
MID-PEAK WINTER GEN.	164.83 KWH @ 0.05608	\$9.24
ENERGY SURCHARGE		\$0.14
<b>Sub-Total of LCE Generation Charges</b>		<b>\$18.83</b>
<b>Your New Charges</b>		<b>\$18.83</b>

## Things you should know

### **Lancaster Choice Energy Information**

FOR MORE DETAIL ON YOUR LANCASTER CHOICE ENERGY BILL, CALL US AT 844-288-4523.



**Appendix B**  
Grundfos Pump Curve 230S-300-9

# SP

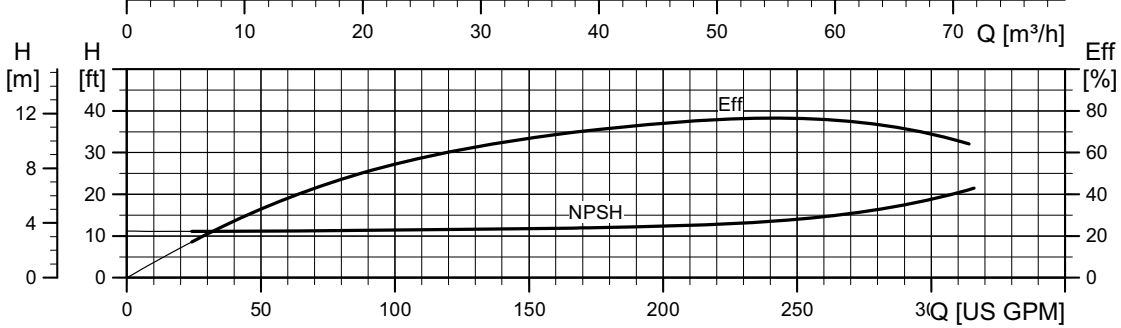
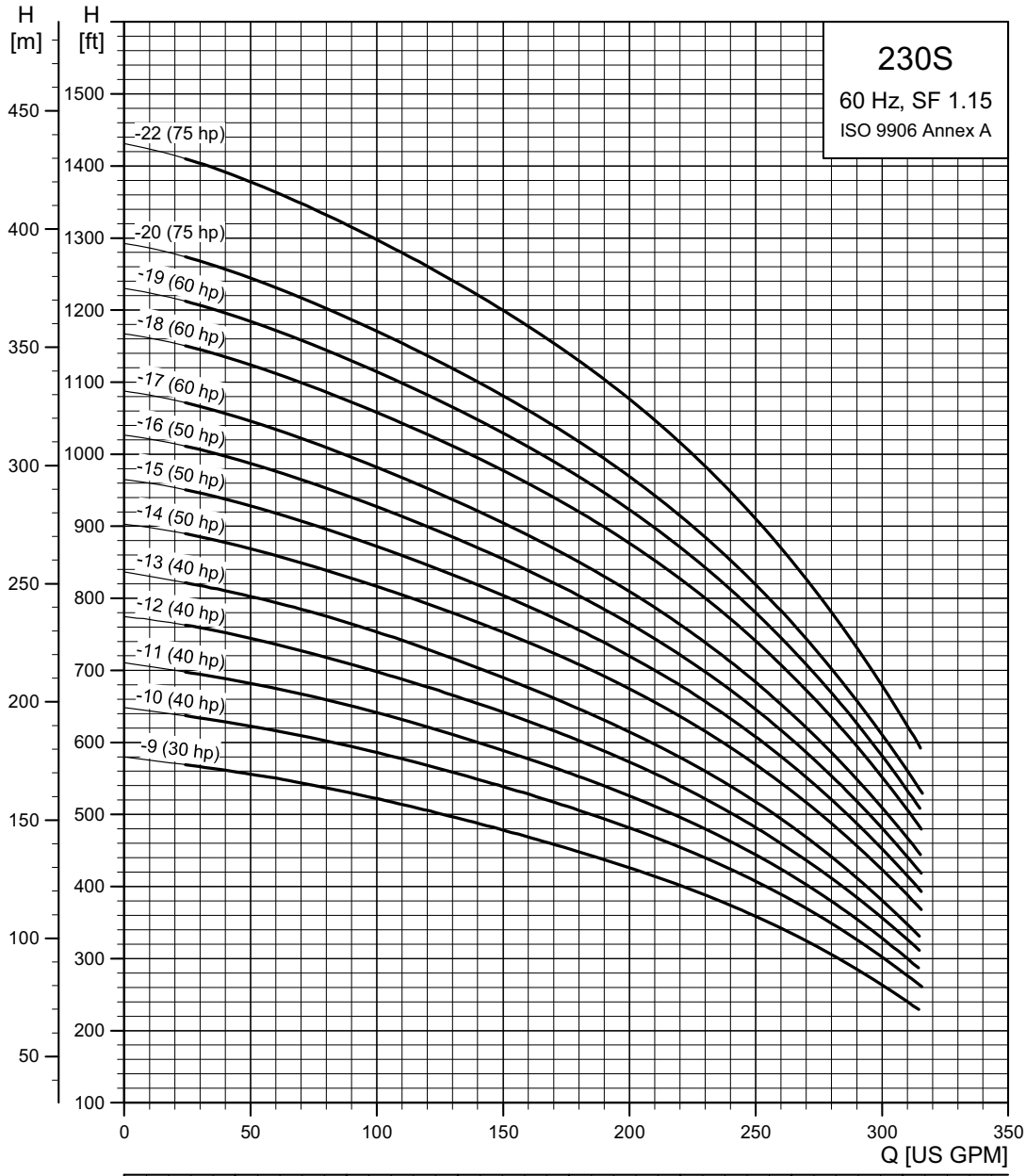
Submersible pumps, motors, and accessories  
60 Hz



be  
think  
innovate



### 6" and larger wells - continued SP 230S (230 gpm)

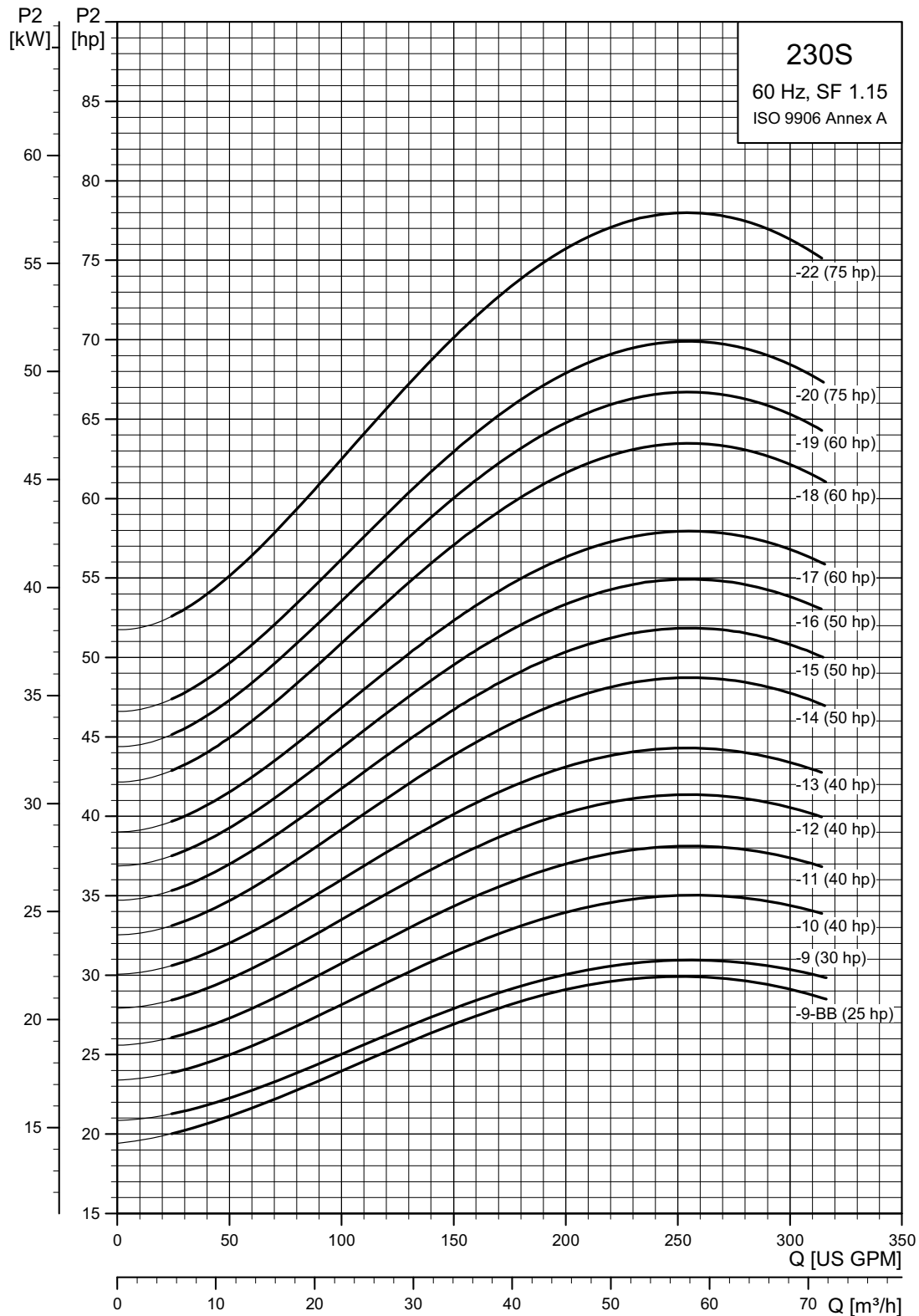


TM05 0244 5014



## 6" and larger wells - continued

### SP 230S (230 gpm) pump power requirement (P2)



TM05 0246 5014

## 7. Electrical data

Grundfos submersible pump motors - 60 Hz											
Hp	Ph	Volt [V]	S.F.	Circuit breaker or fuses		Amperage		Full load		Max. thrust [lb]	Product number
				Std.	Delay	Start [A]	Max. [A]	Eff. [%]	PF [%]		
<b>4-inch, single-phase, 2-wire motors (control box not required)</b>											
.5	1	115	1.60	35	15	55.0	12.0	62	76	900	96465574
.5	1	230	1.60	15	7	34.5	6.0	62	76	900	96465616
.75	1	230	1.50	20	9	40.5	8.4	62	75	900	96465618
1	1	230	1.40	25	12	48.4	9.8	63	82	900	96465620
1.5	1	230	1.30	35	15	62.0	13.1	64	85	900	96465622
<b>4-inch, single-phase, 3-wire motors</b>											
.5	1	115	1.60	35	15	42.5	12.0	61	76	900	96023039
.5	1	230	1.60	15	7	21.5	6.0	62	76	900	96465606
.75	1	230	1.50	20	9	31.4	8.4	62	75	900	96465608
1	1	230	1.40	25	12	37.0	9.8	63	82	900	96465610
1.5	1	230	1.30	35	15	45.9	11.6	69	89	900	96465612
2	1	230	1.25	35	20	57.0	13.2	72	86	1500	96449947
3	1	230	1.15	45	30	77.0	17.0	74	93	1500	96449948
5	1	230	1.15	70	45	110.0	27.5	77	92	1500	96449949
<b>4-inch, three-phase motors</b>											
1.5	3	230	1.30	15	8	40.3	7.3	75	72	900	96465629
1.5	3	460	1.30	10	4	20.1	3.7	75	72	900	96465651
1.5	3	575	1.30	10	4	16.1	2.9	75	72	900	96785912
2	3	230	1.25	20	10	48	8.7	76	75	900	96465630
2	3	460	1.25	10	5	24	4.4	76	75	900	96465652
2	3	575	1.25	10	4	19.2	3.5	76	75	900	96785917
3	3	230	1.15	30	15	56	12.2	77	75	1500	96405801
3	3	460	1.15	15	7	28	6.1	77	75	1500	96405810
3	3	575	1.15	15	6	22	4.8	77	75	1500	96405815
5	3	230	1.15	40	25	108	19.8	80	82	1500	96405802
5	3	460	1.15	20	12	54	9.9	80	82	1500	96405811
5	3	575	1.15	15	9	54	7.9	80	82	1500	96405816
7.5	3	230	1.15	60	30	130	25.0	81	82	1500	96405805
7.5	3	460	1.15	35	15	67	13.2	81	82	1500	96405814
7.5	3	575	1.15	30	15	67	10.6	81	82	1500	96405819
10	3	460	1.15	50	30	90	18	81	80	1500	96440318
<b>6-inch, three-phase motors</b>											
7.5	3	208-230	1.15	65	40	114 - 130	23.4 - 27.5	81	85 - 84	6070	96166181
7.5	3	460	1.15	30	17	68	13.2	81	85	6070	96166161
7.5	3	575	1.15	30	17	51	10.2	81	85	6070	96166141
10	3	208-230	1.15	90	50	126 - 142	30.0 - 37.5	82	86 - 84	6070	96166182
10	3	460	1.15	40	25	75	17.4	82	85	6070	96166162
10	3	575	1.15	40	25	56.5	13.4	82	85	6070	96166142
15	3	208-230	1.15	130	75	198 - 224	44.5 - 53.5	83	86 - 84	6070	96166184
15	3	460	1.15	60	35	112	25	83	84	6070	96166164
15	3	575	1.15	60	35	84	19.4	83	84	6070	96166144
20	3	208-230	1.15	175	100	310 - 350	57.5 - 71.5	84	86 - 84	6070	96166186
20	3	460	1.15	80	45	186	33.5	84	84	6070	96166166
20	3	575	1.15	80	45	144	26	84	84	6070	96166146
25	3	208-230	1.15	200	125	395 - 445	71 - 87	84	87 - 84	6070	96166187
25	3	460	1.15	100	60	236	41	84	84	6070	96166167
25	3	575	1.15	100	60	180	32	84	84	6070	96166147
30	3	208-230	1.15	250	150	445 - 500	81 - 104	84	87 - 84	6070	96166188
30	3	460	1.15	125	70	265	48	85	85	6070	96166168
30	3	575	1.15	125	70	194	37	85	85	6070	96166148
40	3	460	1.15	170	90	330	65	85	84	6070	96166170
40	3	575	1.15	170	90	250	49.5	85	84	6070	96166150
50	3	460	1.15	225	125	405	73.0	83	83	6182	96879560
<b>8-inch, three-phase motors</b>											
40	3	460	1.15	175	100	380	55.7	83	85	13000	96023204
50	3	460	1.15	225	125	550	67.8	84	85	13000	96023205
60	3	460	1.15	250	150	640	80.4	86	85	13000	96023206
75	3	460	1.15	300	175	580	97.4	86	86	13000	96023207
100	3	460	1.15	400	225	570	130.4	87	86	13000	96023208
125	3	460	1.15	500	300	600	160.0	87	87	13000	96023209
150	3	460	1.15	600	350	580	191.3	86	87	13000	96023210
<b>10-inch, three-phase motors</b>											
175	3	460	1.15	700	400	570	230.4	88	85	13000	96937300
200	3	460	1.15	800	500	620	265.2	87	82	13000	96937302
250	3	460	1.15	1100	600	610	352.2	87	79	13000	96937316

Other motor manufacturers: For Hitachi motors refer to the Hitachi submersible motors application maintenance manual; for Franklin motors refer to the Franklin submersible motors application maintenance manual.

## 9. Energy consumption

### Energy consumption of submersible pumps

The percentage distribution of service life costs of a submersible pump for water supply is:

- 5 % initial costs (pump)
- 85 % operating costs / energy consumption
- 10 % maintenance costs.

It is obvious that the highest savings can be achieved within energy consumption!

The annual energy consumption, E, of a submersible pump can be calculated as follows:

$$E = c \times h \times P_1 \text{ (USD)}$$

c = specific energy price (USD/kWh)

h = operating hours/year (hours)

P<sub>1</sub> = power input of the submersible pump (Hp).

**Example:** Calculation of the annual energy consumption of the submersible pump, type 625S-3. 625S-3 with MMS 8000, 60 Hp, 3 x 460 V, 60 Hz.

#### Duty point:

Flow rate: Q = 528 GPM

Total head: H = 335 ft

Specific energy price: c = USD 0.15/kWh (consisting of day and night rate)

Operating hours/year: h = 3200.

$$P_1 = \frac{Q \times H \times \rho}{367 \times \eta_{\text{pump}} \times \eta_{\text{motor}}} \text{ in kW}$$

Q = GPM

H = ft

Density ρ = lb/ft<sup>3</sup> (assumed 1)

367 = conversion factor

η<sub>motor</sub> = (example 84.5 %, in equation 0.845)

η<sub>pump</sub> = (not to be confused with the stage efficiency curve).

By showing the P<sub>2</sub>/Q curve we make it easier for you to calculate the energy consumption.

$$P_1 = \frac{P_2}{\eta_{\text{motor}}}$$

P<sub>2</sub> = 35 Hp (power requirement of 625S-3 pump at 88 GPM, from curve P<sub>2</sub>/Q).

#### Calculation of motor efficiency at duty point

As standard the SP 625S-3 is equipped with a 60 Hp (45 kW for P<sub>1</sub>) MS 6000C motor.

At duty point (Q = 528 GPM) the pump requires 59 Hp (44 kW for P<sub>1</sub>), thus:

a motor load of 87 % (44 kw / 45 kw) and a power reserve of 2 %.

From the table on page 86 the motor efficiency can be read as:

84.6 % at a load of 75 %. (η<sub>75 %</sub>)

85.6 % at a load of 100 %. (η<sub>100 %</sub>)

The interpolated value in this example is

$$\eta_{\text{motor}} = 85.1 \%, \eta_{\text{motor}} = 0.851.$$

$$P_1 = \frac{44}{0.851} = 51.7 \text{ kW}$$

$$E = 0.15 \text{ USD/kWh} \times 3200 \text{ h} \times 51.7 \text{ kW}.$$

The annual energy costs amount to USD 24816.

The pay-off time, A, (months) is calculated as follows:

$$A = \frac{\text{Purchase price of energy - efficiency pump}}{\text{Energy savings / year}} \times 12$$

#### Cable sizing

In order to obtain an economical duty of the pump the voltage drop should be low.

Today large water works already size cables for a maximum voltage drop of 1 %).

The hydraulic resistance in the discharge pipe should be as low as possible.

# 10. Cables

Cables for Grundfos 4" submersible motors are available with or without plugs. The submersible drop cable is chosen according to application and type of installation.

Standard version: Max. liquid temperature 140 °F (60 °C).

Hot water version: Max. liquid temperature 158 °F (70 °C), for short periods up to 194 °F (90 °C) (for MS only).

### Tables indicating cable dimension in borehole

The tables indicate the maximum length of drop cables in meters from motor starter to pump at direct-on-line starting at different cable dimensions.

If star/delta starting is used the current will be reduced by  $\sqrt{3}$  ( $I \times 0.58$ ), meaning that the cable length may be  $\sqrt{3}$  longer ( $L \times 1.73$ ) than indicated in the tables.

If for example the operating current is 10 % lower than the full-load current, the cable may be 10 % longer than indicated in the tables.

The calculation of the cable length is based on a maximum voltage drop of 1 % to 3 % of the rated voltage and a water temperature of maximum 86 °F (30 °C).

In order to minimize operating losses the cable cross section may be increased compared to what is indicated in the tables. This is economical only if the borehole provides the necessary space, and if the operational time of the pump is long, especially if the operating voltage is below the rated voltage.

The table values are calculated on the basis of the formula:

Max. cable length of a single-phase submersible pump:

$$L = \frac{U \times \Delta U}{I \times 2 \times 100 \times \left( \cos \varphi \times \frac{\rho}{q} + \sin \varphi \times X_L \right)} \text{ [ft]}$$

Max. cable length of a three-phase submersible pump:

$$L = \frac{U \times \Delta U}{I \times 1.73 \times 100 \times \left( \cos \varphi \times \frac{\rho}{q} + \sin \varphi \times X_L \right)} \text{ [ft]}$$

where

- U = Rated voltage [V]
- $\Delta U$  = Voltage drop [%]
- I = Rated current of the motor [A]
- q = Cross-section of submersible drop cable [in<sup>2</sup>]
- X<sub>L</sub> = Inductive resistance:  $0.024 \times 10^{-3}$  [ $\Omega$ /ft]
- cos  $\varphi$  = Power factor
- sin  $\varphi = \sqrt{1 - \cos^2 \varphi}$
- $\rho$  = Specific resistance:  $9.5 \times 10^{-6}$  [ $\Omega$  in<sup>2</sup>/ft]

### Example

- Motor size: 40 Hp, MMS 8000
- Rated current: 64.0 A
- Rated voltage: 3 x 460 V, 60 Hz
- Starting method: Direct-on-line
- Power factor: cos  $\varphi = 0.85$
- Voltage drop: 3 %
- Cross-section: 0.025 in<sup>2</sup>
- sin  $\varphi$ : 0.53

$$L = \frac{460 \times 3}{64.0 \times 1.73 \times 100 \times \left( 0.85 \times \frac{0.0000095}{0.025} + 0.53 \times 0.024 \times 10^{-3} \right)}$$

L = 370 ft

### Cable dimensions at 1 x 220 V, 60 Hz

Motor	Hp	I <sub>n</sub> [A]	0.002 in <sup>2</sup>	0.004 in <sup>2</sup>	0.006 in <sup>2</sup>	0.009 in <sup>2</sup>	0.016 in <sup>2</sup>
4"	0.33	3.3	315	522	833	1243	2047
	0.50	4.4	239	397	630	938	1548
	0.75	6.6	157	262	417	620	1020
	1.00	7.7	121	203	321	482	797
	1.50	9.0	98	164	259	387	643

Maximum cable length in feet from motor starter to pump.

# EXHIBIT B

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UNDER GOVERNMENT CODE  
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16 COUNTY OF LOS ANGELES – CENTRAL DISTRICT

17 ANTELOPE VALLEY GROUNDWATER CASES  
Included Actions:  
18 Los Angeles County Waterworks District No. 40 v.  
Diamond Farming Co., Superior Court of  
19 California, County of Los Angeles, Case No. BC  
325201;  
20 Los Angeles County Waterworks District No. 40 v.  
Diamond Farming Co., Superior Court of  
21 California, County of Kern, Case No. S-1500-CV-  
22 254-348;  
23 Wm. Bolthouse Farms, Inc. v. City of Lancaster,  
Diamond Farming Co. v. City of Lancaster,  
24 Diamond Farming Co. v. Palmdale Water Dist.,  
Superior Court of California, County of Riverside,  
25 Case Nos. RIC 353 840, RIC 344 436, RIC 344 668

26 RICHARD WOOD, on behalf of himself and all  
27 other similarly situated v. A.V. Materials, Inc., et  
al., Superior Court of California, County of Los  
28 Angeles, Case No. BC509546

Judicial Council Coordination  
Proceeding  
No. 4408

**CLASS ACTION**

Santa Clara Case No. 1-05-CV-049053  
Assigned to the Honorable Jack Komar

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1 Los Angeles County Waterworks District No. 40, City of Palmdale, City of Lancaster,  
2 Rosamond Community Services District, Littlerock Creek Irrigation District, Palm Ranch  
3 Irrigation District, Desert Lake Community Services District, North Edwards Water District,  
4 Llano Del Rio Water Company, Llano Mutual Water Company, Big Rock Mutual Water  
5 Company, Palmdale Water District, Quartz Hill Water District, and California Water Service  
6 Company (collectively, “Public Water Suppliers”) respectfully submit the following Phase 6 trial  
7 brief.

8 **I. INTRODUCTION**

9 The Antelope Valley Groundwater Adjudication Area (“Basin”) has been in a state of  
10 overdraft since at least 1951. (Statement of Decision Phase Three Trial, pp. 5:17-6:28 (“Phase 3  
11 Decision”); Partial Statement of Decision for Trial Related to Phelan Piñon Hills Community  
12 Services District (2nd and 6th Causes of Action), p. 4, fn. 1.) In Phase Three of these  
13 proceedings, the Court determined that the Basin has a safe yield of 110,000 acre-feet per year  
14 (“AFY”), consisting of a native safe yield of 82,300 AFY and return flows. (Phase 3 Decision at  
15 9:27-28; see also Supplemental Request for Judicial Notice, posted on the Court’s website on  
16 January 24, 2014 (“Supplemental RJN”), Ex. II, at 30:8-31:4.) Groundwater production has  
17 exceeded this safe yield and continues to exceed this safe yield causing harm to the Basin. (*Id.* at  
18 6:18-27, 7:24-26.)

19 As the Court is aware, a large number of Parties (“Stipulating Parties”) have stipulated to  
20 a [Proposed] Judgment and Physical Solution (“Proposed Physical Solution” or “Proposed  
21 Judgment”) that would bring pumping in the Basin within the safe yield and allow for the Basin  
22 to recover from the significant loss of groundwater over the last 60 years which has led to  
23 subsidence in large areas of the Basin. The Stipulating Parties represent a majority of the total  
24 groundwater production in the Basin, and the Proposed Physical Solution resolves all  
25 groundwater issues between them and provides for a sustainable groundwater supply for all  
26 parties. The Proposed Physical Solution addresses all parties’ rights to produce and store  
27 groundwater in the Basin while furthering the mandates of the State Constitution and the water  
28

1 policy of the State of California. Significantly, the Proposed Physical Solution does the following  
2 things:

- 3 1) Imposes a groundwater production “rampdown” to progressively reduce the  
4 amount each party produces and bring Basin production within the safe yield  
5 within seven years;
- 6 2) Provides certainty to Basin groundwater users by allocating the safe yield to  
7 Parties on the basis of their respective legal entitlements in an overdrafted  
8 groundwater basin;
- 9 3) Permits and protects groundwater storage in the Basin which will benefit  
10 groundwater levels;
- 11 4) Permits groundwater use transfer amongst stipulating Basin groundwater users as  
12 long as the transfer does not cause material harm to the Basin, any subarea of the  
13 Basin, or a party;
- 14 5) Permits new groundwater pumping in the Basin so long as it does not cause  
15 material harm to the Basin, any subarea of the Basin, or a party;
- 16 6) Imposes replacement water assessments to fund the purchase of imported  
17 replacement water to the Basin for new pumping to ensure that each party can  
18 fully exercise its allocation and to potentially increase Basin groundwater levels  
19 via return flows from purchased State Water Project (“SWP”) water; and
- 20 7) Appoints a Watermaster—a five member board—to oversee the Basin, including  
21 by monitoring the health of the Basin, adopting appropriate rules and regulations,  
22 enjoining conduct prohibited by the Court’s judgment, levying and collecting  
23 assessments, managing the administrative budget, and providing for flexibility by,  
24 for example, considering new production applications.

25 For the reasons that follow, the Proposed Physical Solution is fair and reasonable. In as  
26 much as the Phase Six Trial has the Public Water Suppliers’ proving their water right claims as  
27 against defaulted and a few non-stipulating private property owners, the following discussion in  
28 Section II addresses those rights. Beginning in Section VIII, the Public Water Suppliers explain

1 why the Physical Solution is, in fact, a physical solution to the Basin's long-standing overdraft  
2 conditions, is fair and equitable given the long-standing overdraft conditions and the facts of this  
3 case, and should be approved by the Court.

4 **II. PUBLIC WATER SUPPLIERS' HAVE VESTED WATER RIGHTS ENTITLING**  
5 **THEM TO PRODUCE GROUNDWATER IN THE BASIN**

In an overdrafted basin such as this Basin, there is no surplus water to appropriate.  
7 (*Tulare Irrigation District v. Lindsay-Strathmore Irrigation District* (1935) 3 Cal.2d 489, 535  
8 ("*Tulare*").) Thus, an appropriator must have another basis for asserting a water right. Here, the  
9 Public Water Suppliers can prove both prescriptive rights and the right to recapture return flows  
10 from water imported and used by the Public Water Suppliers. These rights are the basis of the  
11 Public Water Suppliers allocations in the Proposed Physical Solution. The Public Water  
12 Suppliers also seek a judicial determination of the existence of these rights and their amount and  
13 priority with regards to the potential claims of non-stipulating or defaulting parties.

14 A. **The Public Water Suppliers Have Acquired Rights to Produce Groundwater**  
15 **in the Basin By Prescription**

16 "A prescriptive right in groundwater requires proof of the same elements required to prove  
17 a prescriptive right in any other type of property: a continuous five years of use that is actual,  
18 open and notorious, hostile and adverse to the original owners, and under a claim of right." (*City*  
19 *of Santa Maria v. Adam* (2012) 211 Cal.App.4th 266, 291 ("*Santa Maria*"); see also *City of Los*  
20 *Angeles v. City of San Fernando* (1975) 14 Cal.3d 199, 281-82 ("*San Fernando*") [citing *City of*  
21 *Pasadena v. City of Alhambra* (1949) 33 Cal.2d 908, 926-27 ("*Pasadena*").] A prescriptive  
22 water right is a permanent property right that is sufficient to bar any action for recovery of that  
23 property or to support an action to quiet title in the property. (Civ. Code § 1007; Code Civ. Proc.,  
24 § 761.020; *Eden Township Water Dist. v. City of Hayward* (1933) 218 Cal. 634, 640 ("*Hayward*")  
25 [when the prescriptive period runs, the right is vested]; *Mings v. Compton City School Dist.*  
26 (1933) 129 Cal.App. 413.) For the following reasons, the Public Water Suppliers have  
27 prescriptive rights to produce water from the Basin.  
28

1                   1.       *The Public Water Suppliers Use of Groundwater From the Basin Was*  
2    *Continuous and Uninterrupted Over a Five-Year Period*

3                   Any continuous five-year adverse use period is sufficient to vest title in the adverse user,  
4 even if the period does not immediately precede the filing of a complaint to establish the right.  
5 (*Santa Maria, supra*, 211 Cal.App.4th at 266 [rejecting argument that prescription claim based on  
6 actions taken over 30 years ago should be barred by laches]; *Pasadena, supra*, 33 Cal.2d at 930-  
7 33 [upholding trial court’s determination that a prescriptive right vested even though pumping  
8 failed to meet the adversity requirement during two of the three years immediately preceding the  
9 filing of the action]; *Lee v. Pacific Gas & Elec. Co.* (1936) 7 Cal.2d 114, 120.) Each Public  
10 Water Supplier claiming a prescriptive right has pumped continuously and without interruption  
11 for at least five years. For example, Los Angeles County Waterworks District No. 40 (“District  
12 No. 40”) has been pumping continuously since the 1940s through its predecessor Waterworks  
13 District No. 4. (District No. 40’s Statement of Claims, ¶6.) During this time period, District No.  
14 40 pumped as much as 17,589 AFY continuously over a five year period. (Id. at ¶8.)

15                   2.       *The Public Water Suppliers’ Use of Water Was Adverse Because Pumping*  
16    *Exceeded Safe-Yield*

17                   “The adversity element is satisfied by pumping whenever extractions exceed the safe  
18 yield.” (*Santa Maria, supra*, 211 Cal.App.4th at 292; see also *San Fernando, supra*, 14 Cal.3d at  
19 278, 282; *Pasadena, supra*, 33 Cal.2d at 929.) This is because “appropriations of water in excess  
20 of surplus then invade senior basin rights, creating the element of adversity against those rights  
21 prerequisite to their owners’ becoming entitled to an injunction and thus to the running of any  
22 prescriptive period against them.” (*San Fernando, supra*, 14 Cal.3d at 278 [citing *Pasadena,*  
23 *supra*, 33 Cal.2d at 928-29].) The Public Water Suppliers’ production of water from the Basin  
24 has been hostile and adverse because each has pumped water from Basin at a time when the Basin  
25 was in overdraft. District No. 40’s production of Basin water—which has been continuous since  
26 the 1940s—became hostile and adverse to other parties in the Basin by at least 1951 when this  
27 Court has determined that there ceased to be surplus water to appropriate. Overlying landowners  
28 and other senior water rights holders became entitled at that point to seek an injunction.



1                   3.     *The Public Water Suppliers' Use Has Been Open and Notorious and*  
2                                    *Under a Claim of Right Because All Parties in the Basin Have Been on*  
3                                    *Notice of the Basin's Overdraft*

4                   Adverse use of groundwater is “open and notorious” and “under a claim of right” when  
5                   “parties ‘should reasonably be deemed to have received notice of the commencement of  
6                   overdraft.’” (*Santa Maria, supra*, 211 Cal.App.4th at 293; *San Fernando, supra*, 14 Cal.3d at  
7                   282-83; *Pasadena, supra*, 33 Cal.2d at 930.) To establish prescription, a party must present  
8                   evidence establishing a time at which the basin water rights holders received this constructive  
9                   notice. (*San Fernando, supra*, 14 Cal.3d at 283.) “[L]ong-term, severe water shortage itself [is]  
10                   enough to satisfy the element of notice.” (*Santa Maria, supra*, 211 Cal.App.4th at 293 [citing *San*  
11                   *Fernando, supra*, 14 Cal.3d at 283].) In addition, notice has been found “by virtue of the  
12                   fluctuating water levels, the actions of political leaders, the Acts of Congress, and the public  
13                   notoriety surrounding the need and construction of [water projects].” (*Id.* at 293.)

14                   As this Court has established, the Basin has been overdrafted since at least 1951. (Phase 3  
15                   Decision at 6:1-4 & fn. 4.) Because the overdraft has been severe and continuous, the state of the  
16                   Basin alone is sufficient to establish that all Parties in the basin were on notice of the overdraft  
17                   since well before 1951 and ever since.

18                   In addition, there is extensive evidence—which will be supported at trial with the  
19                   testimony of Douglas R. Littlefield, Ph.D.—that shows knowledge of the Basin’s severe state of  
20                   overdraft has in fact been common and pervasive within the region since the 1940s. (PWS-43a.)  
21                   Indeed, on February 20, 1945, the Los Angeles County Board of Supervisors adopted a an  
22                   ordinance that made it a misdemeanor to drill a new well in the Basin except for in limited  
23                   circumstances precisely because of rapidly declining groundwater levels. (Exhibit A [Ordinance  
24                   No. 4457]; PWS-47; see also *Santa Maria, supra*, 211 Cal.App.4th at 293 [parties “were on  
25                   notice...by virtue of...the actions of political leaders...and the public notoriety surrounding the  
26                   need [for actions]”].) In the ordinance, the Board of Supervisors explicitly found that “the water  
27                   table in [Antelope Valley] is now so low and is continuing to drop so rapidly that if restrictions  
28                   upon the drilling of further water wells are not effective within the next thirty days the whole such

1 portion will be rendered unfit for agricultural use.” (Exhibit A, p. 2.) The ordinance and the  
2 reaction that it elicited within the Basin garnered the public’s attention in the Los Angeles Times.  
3 (PWS-47 [referring to “mass meetings in Lancaster, protesting [the ordinance] and further  
4 restrictions”].) Comments received by the Board of Supervisors from many agricultural  
5 associations and landowners throughout Antelope Valley further document the regional  
6 awareness of the ordinance and the overdraft problem that it sought to address. (Exhibit A.)

7 By 1947, groundwater level declines in the Basin were so publicly prominent that the  
8 State of California requested an investigation of the situation. (PWS-51.) The California  
9 Department of Water Resources later reported to the Assembly of the State Legislature on the  
10 “progressive decline in ground water levels, now averaging three feet per year over the portion of  
11 Antelope Valley from which extractions are heavy.” (*Id.* at 6.) The public report concluded that  
12 “[e]very effort shall be made to reduce consumptive use in the valley.” (*Id.* at 26.)

13 In 1959, wide-spread concern over the Basin’s severe overdraft led the California  
14 Legislature to form the Antelope Valley-East Kern Water Agency (“AVEK”) for the purpose of  
15 wholesaling imported water from the SWP to supplement the Basin’s overdrafted groundwater  
16 resources. The public formation of AVEK alone is sufficient to demonstrate notice. (See *Santa*  
17 *Maria, supra*, 211 Cal.App.4th at 294 “[Santa Barbara County Water Agency] was formed in  
18 1945 specifically to respond to persistent water shortage problems. This fact is sufficient on its  
19 own to support the conclusion that landowners were, by then, on notice that the Basin was in  
20 overdraft.”.) Furthermore, AVEK’s public activities since its formation drive home the fact that  
21 Basin landowners and water users were on notice.

22 In 1962, the California Department of Water Resources issued a report entitled “Report on  
23 Feasibility of Serving [AVEK] from The State Water Facilities” noting that “[a]s long as  
24 overdrafting of the ground water basins persists and ground water levels continue to decline,  
25 irrigated acreage will be forced out of production as pumping depths exceed economic limits” and  
26 “[t]he ground water basins within the areas encompassed by the boundaries of [AVEK] appear to  
27 have been subjected to a substantial amount of overdrafting for a considerable number of years,  
28 and are currently being overdrawn at the rate of 94,000 acre-feet per year.” (PWS-89.)

1 In the early 1970s, AVEK sought to construct a system to distribute SWP water locally to  
2 relieve reliance on Basin groundwater, and its bid to pass a bond to fund the project placed the  
3 Basin and its overdraft status in the public spotlight. (PWS-130-142, 148-149, 156, 174.) For  
4 example, in one Antelope Valley Press article, a local water district manager noted the “massive  
5 overdraft of groundwater now occurring throughout the Antelope Valley-East Kern area” and  
6 explained that a SWP distribution system is need because “drilling more wells won’t solve the  
7 problem because additional wells ‘would only steal water from each other.’” (PWS-131.)

8 Since the 1940s, newspapers, including the Los Angeles Times and the Antelope Valley  
9 Press, reported regularly on declining groundwater levels in the Basin. (See, e.g., PWS-46, 47, 53  
10 [1947 article reporting that the Antelope Valley Agricultural and Conservation Committee was  
11 seeking less water-consuming crops due to declining groundwater], 54, 55 [1949 article reporting  
12 that conservation of run-off and flood waters needed to help Antelope Valley due to limited  
13 groundwater], 56, 57, 58-68, 71-75, 77, 78 [1959 article reporting that “[Governor Brown] told  
14 his audience that Antelope Valley’s underground water basin [is] now being depleted...”], 79-80,  
15 83, 105, 106, 109 [1963 article reporting that waste water facility would “establish a new water  
16 source in an area where the water table is diminishing constantly...”], 111, 128, 129, 131 [1971  
17 article reporting that “the water level in wells [at Quartz Hill] has been dropping an average of six  
18 feet a year”], 134, 137, 140, 142, 145-183, 187, 189-191, 192 [1991 article reporting that  
19 scientists blame cracks near Lancaster on “extensive ground-water pumping, which has caused  
20 some sections of the rapidly growing Antelope Valley to sink more than five feet in 20 years”].)

21 Each of the above-cited documents is admissible to prove that Basin landowners and  
22 water users were on notice of the Basin’s overdraft. As the appellate court explained in  
23 upholding the admission of similar evidence in *Santa Maria, supra*, 211 Cal.App.4th at 294:

24 [T]he truth of the assertion that the Basin was in overdraft, is not  
25 the point.... The documents were offered to prove that the  
26 statements contained within them were made.... The evidence  
27 supports the inference that appellants and their predecessors in  
28 interest had notice of the statements and, therefore, constructive  
notice of the commencement of the purported overdraft.

1 For the same reasons, the ordinance, articles and reports offered by Public Water Suppliers here  
2 are admissible and prove notice to all Basin property owns and their predecessors.

3 Because knowledge of the Basin's severe state of overdraft has been prevalent throughout  
4 the Basin continuously since the 1940s, all Parties' are deemed to be on notice. (See *Santa*  
5 *Maria, supra*, 211 Cal.App.4th at 293.) The Public Water Suppliers' adverse use of water from  
6 the Basin was ~~therefore open and notorious and under a claim of right.~~

7 **B. The Public Water Suppliers Have the Right to Recapture Return Flows From**  
8 **Imported Water**

9 An entity that uses imported water has the right to recapture and use the return flows from  
10 that water. (*Santa Maria, supra* 211 Cal.App.4th at 301-303; Wat. Code 7075 ["Water which has  
11 been appropriated may be turned into the channel of another stream, mingled with its water, and  
12 then reclaimed; but in reclaiming it the water already appropriated by another shall not be  
13 diminished."]; see also *San Fernando, supra*, 14 Cal.3d at 261); *City of Los Angeles v. City of*  
14 *Glendale* (1943) 23 Cal.2d 68, 76-77.) The recapture right "does not necessarily attach to the  
15 corpus of water traceable to particular deliveries but is a right to take from the commingled  
16 supply an amount equivalent to the augmentation contributed by the return flow from those  
17 deliveries." (*San Fernando, supra*, 14 Cal.3d at 260.)

18 Following this precedent, this Court determined here that "water users who have imported  
19 the water into the basin and who have augmented the water in the aquifer through use are  
20 entitled rights to the amount of water augmcting the aquifer." (Order After Hearing on January  
21 27, 2014: Motion by Cross-Complainant AVEK for Summary Judgment/Summary Adjudication,  
22 p. 4:13-16 ("Order re AVEK's MSA").) The Court specified that "[t]he return flow [right] results  
23 from use of imported water, not just importation." (Id. at 4:8 [emphasis added].) For this reason,  
24 the Court ruled that, as a matter of law, "AVEK has failed to establish that, as a [SWP] contractor  
25 with a contractual entitled to receive and deliver SWP water to public water suppliers and private  
26 property owners," it is entitled to recapture return flows "delivered to and used by others." (Id. at  
27 4:9-14 [emphasis added].)

1           The Public Water Suppliers, as the parties that purchase, use and receive deliveries from  
2 AVEK, are the ones entitled to recapture return flows. In Phase 5, the Public Water Suppliers  
3 presented evidence showing that they are the importers and users of imported SWP water in the  
4 Basin, including invoices, statement and spreadsheets demonstrating the amount of SWP water  
5 purchased from AVEK, and that their use has recharged and continues to recharge the Basin.

6 (See Public Water Suppliers' Phase 5 Trial Brief, p. 9:3-6, 14-18.)

7           **C.     The Public Water Suppliers Reserve the Right to Further Brief Additional**  
8           **Grounds for Claiming Entitlement to Produce Water from the Basin**

9           Public Water Suppliers' claims to prescriptive rights and return flow recapture rights are  
10 not their exclusive claims to water from the Basin. Public Water Suppliers additionally claim that  
11 they have domestic priority to water use in the Basin, that they have the right to store imported  
12 water in the Basin, and that the use of other Basin water users has been unreasonable. If allowed  
13 by the Court, the Public Water Suppliers can submit briefs on these legal issues at a the close of  
14 trial.

15           **III.   OVERLYING LANDOWNERS THAT ENGAGED IN SELF-HELP DURING THE**  
16           **PRESCRIPTIVE PERIOD RETAINED A PORTION OF THEIR OVERLYING**  
17           **RIGHTS**

18           Generally, all overlying landowners have equal rights to water in a basin. (*Katz v.*  
19 *Walkinshaw* (1903) 141 Cal. 116, 136 (“*Katz*”).) Where the supply is insufficient for all, as it has  
20 been in the Basin since 1951, each overlying landowner is entitled to a fair and just proportion of  
21 the water, i.e., a correlative right. (*Ibid.*; see also *City of San Bernardino v. City of Riverside*  
22 (1921) 186 Cal. 7, 15 (“*San Bernardino*”); *Santa Maria, supra*, 211 Cal.App.4th at 279;  
23 *California Water Service Co. v. Edward Sidebotham & Son* (1964) 224 Cal.App.2d 715, 725 [in  
24 an overdrafted basin, each overlyer may only use their reasonable individual share]; *Tulare,*  
25 *supra*, 3 Cal.2d at 524 [a trial court must determine whether overlying owners “considering all the  
26 needs of those in the particular water field, are putting the waters to any reasonable beneficial  
27 uses, giving consideration to all factors involved, including reasonable methods of use and  
28 reasonable methods of diversion”].)

1 Correlative water rights can be lost to a prescriptive taking. (*Santa Maria, supra*, 211  
2 Cal.App.4th at 279.) To protect correlative water rights, overlying owners must either seek an  
3 injunction before the prescriptive right is perfected or engage in “self-help.” (*Ibid.*) “Self-help in  
4 this context requires the landowner to continue to pump nonsurplus water concurrently with the  
5 adverse users. When they do, the landowners retain their overlying rights losing only the amount  
6 of the prescriptive taking.” (*Ibid.*; see also *Hi-Desert County Water Dist. v. Blue Skies Country*  
7 *Club, Inc.* (1994) 23 Cal.App.4th 1723, 1731-32; *City of Barstow v. Mojave Water Agency* (2000)  
8 23 Cal.4th 1224, 1241 (“*Mojave*”).) Here, for the reasons set forth above, the Public Water  
9 Suppliers have perfected their long-exercised prescriptive rights. Thus, any party claiming an  
10 overlying right must establish that the party pumped nonsurplus water concurrently with the  
11 Public Water Suppliers. Otherwise, any overlying right retained by the party will be subordinate  
12 to the Public Water Suppliers’ prescriptive rights.

13 Landowners that have stipulated to the Proposed Physical Solution did engage in self-help  
14 pumping. The Court has already received evidence of the stipulating parties’ groundwater  
15 production in 2011 and 2012 during the Phase 4 trial, and has already admitted evidence to that  
16 regard. To the extent that further evidence of the stipulating landowners’ self-help is required, the  
17 Public Water Suppliers expect that the stipulating landowners will present the evidence at the  
18 upcoming trial.

19 In contrast, the non-stipulating landowners in the Basin have not and apparently cannot  
20 establish that they pumped during the prescriptive period. As a result, any water rights retained  
21 by the non-stipulating landowners are subordinate to the self-help rights of the stipulating  
22 landowners; for self-help to mean anything, it must preserve for the landowner engaging in self-  
23 help a higher priority right than that retained by those who do not pump. Although subordination  
24 of unexercised overlying correlative rights by self-help groundwater pumping has not been  
25 directly addressed by the courts, they have addressed the analogous situation of riparian rights  
26 holders. In *Moore v. California Oregon Power* (1943) 22 Cal.2d 725, 735 (“*Moore*”), an  
27 upstream riparian stored water and obtained a prescriptive right against the downstream riparian:  
28 “The law is so well-established in this state as to require no extended citation of authorities that

1 an upper riparian owner may acquire a prescriptive right to the waters of a stream as against a  
2 lower riparian owner by an adverse use of said waters for the prescriptive period.” (*Ibid.*) The  
3 water use of the upper riparian owner in *Moore* is analogous, here, to the pumping of overlying  
4 landowners that engaged in self-help—whose pumping alone exceeded the safe yield of the  
5 Basin. The pumping of the overlying landowners that engaged in self-help was adverse to that of  
6 the non-pumping overlying landowners, and thus subordinated the rights of the non-pumping  
7 overlying landowners.

8 In the Public Water Suppliers’ settlement with the Willis Class, the Willis Class  
9 acknowledged that the Public Water Suppliers would assert prescriptive rights and intended to  
10 prove such rights. However, as part of the settlement, the Public Water Suppliers agreed to limit  
11 the assertion of their prescriptive rights against the Willis Class. (Willis Class Stipulation of  
12 Settlement at 10:18-22 [“The Willis Class Members acknowledge that the [Public Water  
13 Suppliers] may at trial prove prescriptive rights against all groundwater pumping in the Basin  
14 during a prior prescriptive period. If the [Public Water Suppliers] do prove prescriptive rights,  
15 [Public Water Suppliers] shall not exercise their prescriptive rights to diminish the Willis Class  
16 Members’ Overlying Right below a corrective share of 85%.”].)

17 **IV. A COMMON WATER SYSTEMS IS GENERALLY REQUIRED TO PROVE**  
18 **PRESCRIPTION**

19 Generally, an overlying water right must be used on the overlying property itself; if the  
20 water is exported or placed in a common water systems, such as a common well used at a mobile  
21 home estate, it is deemed to be appropriated.<sup>1</sup> (*San Bernardino, supra*, 186 Cal. at 25.) Thus,  
22 common water systems, as appropriators in an overdrafted basin, must establish prescription.  
23 (*Santa Maria, supra*, 211 Cal.App.4th at 279; see also *Tulare, supra*, 3 Cal.2d at 535.) To the  
24 extent that any non-stipulating parties claim entitlement to Basin water on the basis of production  
25 for a common water system, they will have the burden of proving prescription.

26  
27  
28 <sup>1</sup> There is an exception, however, for mutual water companies as explained in Section V, *infra*.

1 **V. MUTUAL WATER COMPANIES**

2 An exception to the rule set forth in Section IV, *supra*, exists for mutual water companies.  
3 Where landowners with overlying rights join together and form a mutual water company in order  
4 to jointly operate facilities for the production and distribution of water, the conveyance of the  
5 individual water rights to the company is considered a formality, and the rights remain  
6 appurtenant to the lands of the stockholders. (*Orange County Water Dist. v. City of Riverside*  
7 (1959) 173 Cal.App.2d 137, 194 [citing *Estate of Thomas* (1905) 147 Cal. 236, 242 & *Locke v.*  
8 *Yorba Irrigation Co.* (1950) 35 Cal.2d 205, 209].) Therefore, mutual water companies in the  
9 Basin, including some stipulating parties, have correlative overlying rights. Mutual water  
10 companies that have stipulated to the Proposed Physical Solution did engage in self-help  
11 pumping. The Court has already received evidence of the stipulating parties' groundwater  
12 production in 2011 and 2012 during the Phase 4 trial, and has already admitted evidence to that  
13 regard. To the extent that further evidence of the mutual water companies' self-help is required,  
14 the Public Water Suppliers expect that the stipulating landowners will present the evidence at the  
15 upcoming trial.

16 **VI. IN LIEU WATER CLAIMS**

17 The Water Code provides protections for a groundwater right holder that has ceased or  
18 reduced its use of groundwater due to its use of a nontributary alternate source of water or in  
19 order to allow for the replenishment of the groundwater. (Cal. Water Code, §§1005.1 et seq.) To  
20 obtain the protection, the groundwater right holder must file a specified statement with the State  
21 Water Resources Control Board. (*Ibid.* [a water user "cannot claim the benefit of this section for  
22 any water year for which such statement is not so filed"].) Additionally, Los Angeles County has  
23 special filing requirements that must be met. (*Ibid.*) If the protection is triggered by the proper  
24 filing, the amount of water from the alternative sources that is applied to a reasonable beneficial  
25 use will be construed to constitute reasonable beneficial use of groundwater, not exceeding the  
26 amount of the reduction in groundwater use. (*Ibid.*) To the extent that a party in the Basin claims  
27 its non-use or reduced use is protected by Water Code, Section 1005.1 et seq., it must  
28



1 demonstrate that it filed the requisite statements with the County and with the State Water  
2 Resources Control Board for each water year at issue.

3 **VII. JUDGMENT SHOULD BE ENTERED AGAINST DEFAULTING PARTIES**

4 Numerous parties to this action have failed entirely to make a statutorily permissible  
5 response to a complaint filed against them or otherwise make an appearance in these coordinated,  
6 consolidated proceedings. (~~See Code Civ. Proc., §§ 585(c), 1014 .~~) Pursuant to Code of Civil  
7 Procedure, section 585(c), a default judgment may be entered against them (see also Cal. Rules of  
8 Court, rule 3.110(g)):

9 In all actions where the service of the summons was by publication,  
10 upon the expiration of the time for answering, and upon proof of the  
11 publication and that no answer, demurrer, notice of motion to strike  
12 of the character specified in subdivision (f), notice of motion to  
13 transfer pursuant to Section 396b, notice of motion to dismiss  
14 pursuant to Article 2 (commencing with Section 583.210) of  
15 Chapter 1.5 of Title 8, notice of motion to quash service of  
16 summons or to stay or dismiss the action pursuant to Section  
17 418.10, or notice of the filing of a petition for writ of mandate as  
18 provided in Section 418.10 has been filed, the clerk, upon written  
19 application of the plaintiff, shall enter the default of the defendant.  
20 The plaintiff thereafter may apply to the court for the relief  
demanded in the complaint; and the court shall hear the evidence  
offered by the plaintiff, and shall render judgment in the plaintiff's  
favor for that relief, not exceeding the amount stated in the  
complaint, in the statement required by Section 425.11, or in the  
statement provided for in Section 425.115, as appears by the  
evidence to be just.... In all cases affecting the title to or  
possession of real property, where the service of the summons was  
by publication and the defendant has failed to answer, no judgment  
shall be rendered upon proof of mere occupancy, unless the  
occupancy has continued for the time and has been of the character  
necessary to confer title by prescription.

21 The Public Water Suppliers have submitted written applications establishing that that a summons  
22 was served by publication and that the time for answering has expired without appropriate  
23 response of the defaulting parties. The Public Water Suppliers will supplement the submitted  
24 Exhibit 1 to the Proposed Physical Solution with additional defaulting parties. In addition, for the  
25 reasons set forth above, the Public Water Suppliers' prescriptive rights have been perfected.

26 A defaulting party confesses the material allegations in the complaint (*Fitzgerald v.*  
27 *Herzer* (1947) 78 Cal.App.2d 127, 131 ("*Fitzgerald*")) and is estopped from denying the  
28 allegations in a later action (*Flood v. Simpson* (1975) 45 Cal.App.3d 644, 651 ("*Flood*")). Thus,

1 a defaulting party is said to have consented to the plaintiff obtaining the relief requested pursuant  
2 to the facts set forth in the complaint. (*Brown v. Brown* (1915) 170 Cal. 1, 5 (“*Brown*”).) In  
3 water rights litigation, courts consistently have deprioritized the rights of parties that have  
4 defaulted, making their rights subordinate to all other parties. (See, e.g., *Jones v. Pleasant Valley*  
5 *Canal Co.* (1941) 44 Cal.App.2d 798, 802-803 (“*Jones*”); *City of Los Angeles v. City of San*  
6 *Fernando* (January 26, 1979, Judgment, No. 650079) [nonpub. opn.], at 6, 21; *Wright v. Goleta*  
7 *Water District* (June 16, 1989, Judgment, No. SM57969) [nonpub. opn.].) The rights of the  
8 defaulting parties here likewise should be deprioritized and made junior to all rights established  
9 by the Proposed Physical Judgment because the burden to produce evidence of ownership,  
10 reasonable and beneficial use, and self-help belonged to the defaulting parties, and they failed to  
11 do so.

12 **VIII. THE PROPOSED PHYSICAL SOLUTION IS REASONABLE AND TREATS ALL**  
13 **PARTIES FAIRLY**

14 **A. Legal Standard**

15 A physical solution is a practical remedy employed by courts to permit as many uses of a  
16 groundwater supply as possible, while advancing the constitutional rule of reasonable and  
17 beneficial use of the State’s water supply and continuing to recognize and respect water rights.  
18 (See *City of Lodi v. East Bay Municipal Utility Dist.* (1936) 7 Cal.2d 316, 339-341 (“*Lodi*”);  
19 *Santa Maria, supra*, 211 Cal.App.4th at 287-88.) The Proposed Physical Solution does just  
20 that—it brings pumping in the basin within the native safe yield by employing a seven-year  
21 rampdown and then apportions ongoing use of the native safe yield on the basis of the amount  
22 and priority of existing water rights. It also recognizes legal rights to imported water return  
23 flows, and, consistent with those rights, apportions production of return flow water based on the  
24 levels of water imported into the Basin.

25 A trial court has broad authority to use its equitable powers to fashion a physical solution.  
26 (*Mojave, supra*, 23 Cal.4th at 1249; *Santa Maria, supra*, 211 Cal.App.4th at 288 [“Each case  
27 must turn on its own facts, and the power of the court extends to working out a fair and just  
28 resolution”] [citing *Rancho Santa Margarita v. Vail* (1938) 11 Cal.2d 501, 560-61].) The

1 physical solution, however, must carry out the mandates of Article X, Section 2 of the California  
2 Constitution, including the mandate that the state's water resources be put to "beneficial use to  
3 the fullest extent of which they are capable." (*Lodi, supra*, 7 Cal.2d at 341.) In addition, while a  
4 physical solution may permit the modification of existing water uses practices, it may not result in  
5 substantial injury or material expense to the holder of prior and paramount water rights.

6 (*Peabody v. City of Vallejo* (1935) 2 Cal.2d 351; *Mojave, supra*, 23 Cal.4th at 1250 ["In ordering  
7 a physical solution...a court may neither change priorities among the water rights holders nor  
8 eliminate vested rights...without first considering them in relation to the reasonable use  
9 doctrine."]; *Pasadena, supra*, 33 Cal.2d at 948-49 [Physical Solution should "avoid [] waste, ...  
10 at the same time not unreasonably and adversely affect the prior appropriator's vested property  
11 right."]; *Lodi, supra*, 7 Cal.2d at 341 ["Although the prior appropriator may be required to make  
12 minor changes in its method of appropriation in order to render available water for subsequent  
13 appropriators, it cannot be compelled to make major changes or to incur substantial expense."].)

14 Factors that weigh into the reasonableness of water allocations in a physical solution  
15 include actual use (*Tulare, supra*, 3 Cal.2d at 565), whether use has been reasonable and  
16 beneficial (*id.* at 526), and the effect of the use on the basin and overall water supply (*Lodi,*  
17 *supra*, 7 Cal.2d at 344-45). Reviewing courts have upheld minor changes to methods of use and  
18 appropriation in a physical solution as reasonable. (*Lodi, supra*, 7 Cal.2d at 341; see also *People*  
19 *ex rel. State Water Resources Control Board v. Forni* (1976) 54 Cal.App.3d 743, 750, 754  
20 [allegations of unreasonable method of use state valid causes of action for injunctive and

21 declaratory relief].) Reviewing courts have also upheld requirements that senior rights holders  
22 spend reasonable sums of money. (*Rancho Santa Maria v. Vail* (1938) 11 Cal.2d 501, 560.)

23 A physical solution must also provide certainty, particularly with regards to dormant water  
24 rights. As the California Supreme Court explained in *In re Waters of Long Valley Creek Stream*  
25 *Sys.* (1979) 25 Cal.3d 339 ("*Long Valley*"):<sup>2</sup>

26  
27 <sup>2</sup> Although *Long Valley, supra*, 25 Cal.3d 339 was a statutory stream adjudication by the State Water Resources  
28 Control Board, courts and the State Water Resources Control Board have concurrent jurisdiction over water rights.  
Furthermore, riparian rights are analogous to groundwater rights.

1           Uncertainty concerning the rights of water users has pernicious  
2           effects. Initially, it inhibits long range planning and investment for  
3           the development and use of waters in a stream system. (Robie &  
4           Steinberg, *Existing Water Laws and Industry Practices: Their*  
5           *Contribution to the Waste of Water* (1977) 53 L.A. Bar J. 164, 171-  
6           172; Governor's Com. to Review Cal. Water Rights Law, Final  
7           Rep. (Dec. 1978) supra, at p. 16.) Thus with respect to dormant  
8           riparian rights, one authority has observed: "These rights constitute  
9           the main threat to nonriparian and out-of-watershed development,  
10          they are the principal cause of insecurity of existing riparian uses,  
11          and their presence adds greatly to the cost of obtaining firm water  
12          rights under a riparian system. They are unrecorded, their quantity  
13          is unknown, their administration in the courts provides very little  
14          opportunity for control in the public interest. To the extent that they  
15          may deter others from using the water for fear of their ultimate  
16          exercise, they are wasteful, in the sense of costing the economy the  
17          benefits lost from the deterred uses." (Trelease, *A Model State*  
18          *Water Code for River Basin Development* (1957) 22 Law &  
19          Contemp. Prob. 301, 318; see also Milliman, *Water Law and*  
20          *Private Decision-making: A Critique* (1959) 2 J. Law & Econ. 41,  
21          47.)

12          Uncertainty also fosters recurrent, costly and piecemeal litigation.  
13          In the present case, for example, there has been incessant litigation  
14          between the claimants to the waters of the stream system since  
15          about 1883. And, as the Board engineer observed, the inconclusive  
16          fragmentary definition of water rights resulting from that litigation  
17          was "the prime reason for the proposed adjudication." The principal  
18          cause of this untoward effect appears to be that a private suit for  
19          determining title to water binds only those who are parties to the  
20          suit; such suits are inadequate, however, because shortages in  
21          supply or new appropriations or riparian uses have the potential for  
22          bringing all water users on the stream in conflict. (Governor's Com.  
23          To Review Cal. Water Rights Law, Final Rep. (Dec. 1978) supra, at  
24          p. 22.)

19          (*Id.* at 355-56.) To this end, the California Supreme Court, in *Mojave, supra*, has stated that  
20          reduced allocations and constraints on new pumping should be expected, particularly in a  
21          groundwater basin that is so severely overdrafted and that has so much undeveloped land:

22                   If Californians expect to harmonize water shortages with a fair  
23                   allocation of future use, courts should have some discretion to limit  
24                   the future groundwater use of an overlying owner who has  
25                   exercised the water right and to reduce to a reasonable level the  
26                   amount the overlying user takes from an overdrafted basin.

25          (23 Cal.4th at 1249, fn. 13.) In particular, a physical solution can reasonably burden the new of  
26          use water by an unexercised correlative right. The California Supreme Court identified the  
27          burdens that can be imposed upon water uses by dormant users in *Long Valley, supra*:

1 As previously discussed, when the Board determines all rights to  
2 the use of the water in a stream system, an important interest of the  
3 state is the promotion of clarity and certainty in the definition of  
4 those rights; such clarity and certainty foster more beneficial and  
5 efficient uses of state waters as called for by the mandate of article  
6 X, section 2. Thus, the Board is authorized to decide that an  
7 unexercised riparian claim loses its priority with respect to all  
8 rights currently being exercised. Moreover, to the extent that an  
9 unexercised riparian right may also create uncertainty with respect  
10 to permits of appropriation that the Board may grant after the  
11 s atutory adjudication procedure is final, and may thereby continue  
12 to conflict with the public interest in reasonable and beneficial use  
13 of state waters, the Board may also determine that the future  
14 riparian right shall have a lower priority than any uses of water it  
15 authorizes before the riparian in fact attempts to exercise his right.  
16 In other words, while we interpret the Water Code as not  
17 authorizing the Board to extinguish altogether a future riparian  
18 right, the Board may make determinations as to the scope, nature  
19 and priority of the right that it deems reasonably necessary to the  
20 promotion of the state's interest in fostering the most reasonable  
21 and beneficial use of its scarce water resources.

22 (Id. at 358-359 [emphasis added].)

23 **B. The Proposed Physical Solution Protects the Basin by Preventing Future**  
24 **Overdraft**

25 The Proposed Physical Solution will protect all water rights in the Basin by preventing  
26 future overdraft and improving the Basin's overall groundwater levels and prevent the risk of new  
27 land subsidence. (See *Lodi, supra*, 7 Cal.2d at 344-45.) Dennis E. Williams, Ph.D., will testify  
28 that pumping at existing levels will continue to degrade and cause undesirable results in the  
Basin, but that the Proposed Physical Solution will bring the Basin into balance and stop  
undesirable results including land subsidence. The rampdown set forth in the Proposed Physical  
Solution will bring pumping in the Basin within the native safe yield. Furthermore, the Proposed  
Physical Solution is likely to lead to additional importation of water into the Basin and thus  
additional return flows which will help to restore groundwater levels in the Basin. This will  
happen in several ways. First, if existing groundwater users exceed their respective allocations,  
they will pay a replacement assessment that will be used to bring additional imported water into  
the Basin. Second, because allocations are capped at the total yield of the Basin, new pumpers  
will be required to bring imported or supplemental water into the Basin. Finally, the Proposed  
Physical Solution allows parties to store water during wet years.

1 At trial, Dr. Williams will present the United States Geological Survey (“USGS”)  
2 groundwater flow model (“ModFlow”) that has been calibrated based on evidence already  
3 received by the Court and recent groundwater pumping data. He will use ModFlow to show what  
4 will happen to groundwater levels if current pumping levels continue without a physical solution,  
5 and he will compare it with scenario in which parties pump in accordance with the Proposed  
6 Physical Solution. Dr. Williams’ testimony and the ModFlow model will show that water level  
7 subsidence risk will decrease under the Proposed Physical Solution. In contrast, in the absence of  
8 a physical solution, subsidence will continue to be a problem. This evidence will demonstrate  
9 that management by the Proposed Physical Solution is necessary to sustain groundwater levels  
10 and protect future use of entitlements in the Basin.

11 **C. All Parties Are Treated Reasonably**

12 Each party is treated reasonably by the Proposed Physical Solution: the priority of rights  
13 in the Basin is preserved; no vested rights are eliminated; and allocations are reasonably tied to  
14 reasonable and beneficial use and the health of the Basin. (See *Lodi, supra*, 7 Cal.2d at 341;  
15 *Mojave, supra*, 23 Cal.4th at 1250; *Pasadena, supra*, 33 Cal.2d at 948-49.)

16 **1. *Federal Reserved Rights***

17 The United States has a right to produce 7,600 AFY from the native safe yield as a federal  
18 reserved water right for use for military purposes at Edwards Air Force Base and Air Force Plant  
19 42. (See *Cappaert v. United States* (1976) 426 U.S. 128, 138; *United States v. New Mexico*  
20 (1978) 438 U.S. 696, 700.) The Proposed Physical Solution preserves the United States’ right to  
21 produce 7,600 AFY at any time for uses consistent with the federal reserved water right, and  
22 shields the United States’ water right from the rampdown and pro-rata reduction due to overdraft  
23 that govern all other rights in the Basin pursuant to the Proposed Physical Solution. (Proposed  
24 Physical Solution, ¶5.1.4.) When the United States does not take its allocation, the Proposed  
25 Physical Solution provides for the parties with the most consistent ongoing demand to take the  
26 water, consistent with the Constitutional mandate of Article X, Section 2 to put the water to its  
27 fullest use.  
28

1                   2.     *Wood Class*

2             Wood Class members are allocated 3 AFY per existing household for reasonable and  
3     beneficial use on their overlying land, with the entire Class' aggregate use capped at 3806.4 AFY.  
4     Only production by a Wood Class member greater than 3 AFY is subject to a replacement water  
5     assessment. (Proposed Physical Solution, ¶5.1.3.) The Court has already admitted evidence  
6     regarding the Wood Class' use of water by the Court-appointed expert, Tim Thompson.

7                   3.     *Overlying Landowners That Have Established Self-Help*

8             The Proposed Physical Solution allocates approximately 82 percent of the adjusted native  
9     safe yield to overlying landowners that have established self-help. (Proposed Physical Solution,  
10    Ex. 4.) This allocation is fair and reasonable in light of the overlying landowners' reasonable and  
11    beneficial use.

12                   4.     *Unknown Existing Pumpers*

13             The Proposed Physical Solution provides that an amount equal to seven percent of the  
14    native safe yield may be allocated to unknown *existing* pumpers that prove entitlement to water  
15    rights at some time in the future. (Proposed Physical Solution, ¶¶5.1.10, 18.5.13.) In addition, if  
16    a water use is domestic for a single-family household, and provided it is not transferable, the  
17    Watermaster has authority to consider it *de minimis* and thus not subject it to payment of a  
18    replacement water assessment. (*Id.* at ¶18.5.13.2.) Dr. Williams will testify that these provisions  
19    provide the Watermaster with flexibility regarding unknown existing users to ensure that the  
20    Proposed Physical Solution is implemented fairly and reasonably.

21                   5.     *Importers of Non-Native Water*

22             The Proposed Physical Solution recognizes the return flow entitlements of importers of  
23    non-native water by allocating to those importers the right to pump an amount equal to estimated  
24    return flows for the imported water they use. (Proposed Physical Solution, ¶5.2.) Return flows  
25    are calculated by multiplying the quantity of water imported and used by the party in the Basin by  
26    a percentage representing the portion of that water that is expected to augment the aquifer.  
27    (*Ibid.*) Paragraph 18.5.11 provides the Watermaster with flexibility to adjust the return flow  
28    percentages in the seventeenth year. The Proposed Physical Solution is consistent with the

1 Court's determination that "water users who have import water into the basin and have  
2 augmented the water in the acquifer through use are entitled rights to the amount of water  
3 augmenting the acquifer." (Order re AVEK's Motion for Summary Adjudication at 4:13-16.)

4 6. *Phelan Piñon Hills Community Services District*

5 The Proposed Physical Solution permits Phelan Piñon Hills Community Services District  
6 ("Phelan Piñon Hills")—who is a not a stipulating party—to produce up to 1,200 AFY from the  
7 Basin and deliver it outside of the Basin for use in the Phelan Piñon Hills service area so long as  
8 that amount of water is available without causing material injury and provided that Phelan Pinion  
9 Hills pays a replacement water assessment to replace the amount of water exported lost from the  
10 Adjudication Area. (Proposed Physical Solution, ¶6.4.1.2.) This allocation and the correlating  
11 assessment are fair and reasonable in light of findings already made by this Court.

12 In this Court's Partial Statement of Decision for Trial Related to Phelan Piñon Hills, the  
13 Court concluded that "Phelan Piñon Hills does not have water rights to pump groundwater and  
14 export it from the Adjudication Area to an area for use other than on its property where Well 14 is  
15 located within the adjudication area." (*Id.* at 6:19-21.) The Court based this conclusion on the  
16 following facts: Phelan Piñon Hills owns land in the Basin but the water pumped from the  
17 property is provided to customers outside of the Basin (*id.* at 7:3-6); the Basin has been in a state  
18 of overdraft with no surplus water available for pumping for the entire duration of Phelan Piñon  
19 Hills' pumping (i.e., since at least 2005) (*id.* at 4:9, 8:3-8); and the entire Basin, including the  
20 Butte subbasin where Phelan Piñon Hills pumps, is hydrologically connected as a single  
21 groundwater aquifer (*id.* at 8:2-3, 16-22). The Court additionally determined that Phelan Piñon  
22 Hills does not have return flow rights to groundwater in the Basin because that right is limited to  
23 imported water and Phelan Piñon Hills admittedly has never imported water to the Basin. (*Id.* at  
24 9:3-10:6.) Finally, the Court concluded that that Phelan Pinion's pumping of groundwater from  
25 the Basin negatively impacts the Butte subbasin and the Basin because groundwater flows  
26 generated from native water pumped by Phelan Pinion Hills are intercepted by three groundwater  
27 wells operated by Phelan Pinion just outside of the Basin, and the remaining flows that enter the  
28



1 Basin “merely ‘lessen the diminution occasioned’ by Phelan Pinion Hills’ extraction and do not  
2 augment the [Basin’s] groundwater supply.” (*Id.* at 10:7-11, 15-17, 23-25.)

3 **7. Defaulting Parties**

4 Consistent with the treatment of defaulting parties in other water rights cases, the rights of  
5 the defaulting parties here are subordinate to the rights recognized by the Proposed Physical  
6 Solution. (See, e.g., *Jones, supra*, 44 Cal.App.2d at 802-803; *City of Los Angeles v. City of San*  
7 *Fernando* (January 26, 1979, Judgment, No. 650079) [nonpub, opn.], at 6, 21; *Wright v. Goleta*  
8 *Water District* (June 16, 1989, Judgment, No. SM57969) [nonpub. opn.].) The defaulting parties  
9 are deemed to have consented to the relief requested by the other parties (*Fitzgerald, supra*, 78  
10 Cal.App.2d at 131; *Flood, supra*, 45 Cal.App.3d at 651; *Brown, supra*, 170 Cal. at 5), and  
11 additionally have failed to meet their burden to produce evidence of ownership, reasonable and  
12 beneficial use, and self-help.

13 **IX. THE WILLIS CLASS IS TREATED REASONABLY UNDER THE PROPOSED**  
14 **PHYSICAL SOLUTION**

15 **A. The Proposed Physical Solution Is Consistent with the Willis Class Stipulation**

16 The Public Water Suppliers entered into a Stipulation of Settlement with the Willis Class  
17 (“Willis Class Stipulation” or “Stipulation”) which was approved by the Court on September 22,  
18 2011. As this Court had already recognized, the Stipulation—which was only between the Willis  
19 Class and the Public Water Suppliers—did not and cannot establish a water rights determination  
20 binding upon all parties in these proceedings. (Order after November 18, 2010 Hearing [“the  
21 court determination of physical solution cannot be limited by the [Stipulation]”; the Stipulation  
22 “may not affect parties who are not parties to the [Stipulation]”].) Rather, water rights must be  
23 determined by this Court as part of a comprehensive physical solution to the Basin’s chronic  
24 overdraft condition. Indeed, the Willis Class acknowledged in the Stipulation that the ultimate  
25 determination of its reasonable correlative right would depend upon the existing and historical  
26 pumping of all other overlying landowners in the Basin. (Stipulation, ¶IV.D.3.) While the  
27 Stipulation recognized that the Willis Class members may receive whatever is later to be  
28

1 determined by the Court as their reasonable correlative right to the Basin's native safe yield for  
2 actual reasonable and beneficial uses, it could do nothing more.

3 Thus, as set forth in the Public Water Suppliers' Opposition to Willis Class' Second  
4 Motion to Enforce Settlement, which is incorporated herein by reference, the Proposed Physical  
5 Solution is consistent with the Willis Class Stipulation for at least the following reasons:

- 6 1) ~~The Willis Class Stipulation recognizes that there would be court-imposed limits~~  
7 on the Willis Class' correlative share of overlying rights because the Basin is and  
8 has been in an overdraft condition for decades;
- 9 2) But for the Willis Class Stipulation, the Willis Class' never-exercised overlying  
10 rights would be subordinate to rights of the landowners and Public Water  
11 Suppliers who used groundwater during the overdraft conditions;
- 12 3) No member of the Willis Class has established any right to produce groundwater  
13 for reasonable and beneficial use based on their unexercised overlying claim; and
- 14 4) The Proposed Physical Solution recognizes the Willis Class' share of correlative  
15 overlying rights and does not unreasonably burden its members' rights given the  
16 significant reductions in groundwater pumping and increased expense incurred by  
17 the stipulation parties in the Proposed Physical Solution. At this time, more than  
18 the entire native safe yield is being applied to reasonable and beneficial uses.

19 In the Willis Class Stipulation, the Willis Class also agreed that a court-imposed physical  
20 solution may require the installation of a meter on any groundwater pump by a Willis Class  
21 member (Willis Class Stipulation at ¶V.B. at 11:28-12:27) and that Willis Class member  
22 production from the Basin above its allocated share in a physical solution would require the  
23 member to import replacement water or pay a replacement assessment (id. at ¶IV.D. at 12:19-26).  
24 The requirements set forth in Paragraphs 9.2 and 9.2.1 of the Proposed Physical Solution are thus  
25 consistent with the Willis Class Stipulation.

26  
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28

1           **B.     The Proposed Physical Solution Does Not Unreasonably Affect the Willis**  
2                           **Class**

3           As overlying landowners in an overdrafted basin, the members of the Willis Class are  
4 entitled to a fair and just proportion of the water available to overlying landowners, i.e., a  
5 correlative right. (*Katz, supra*, 141 Cal. at 136; see also Willis Class Stipulation, ¶III.D at 5:26-  
6 6:2.) The Willis Class members, however, have never exercised their rights to produce  
7 groundwater from the Basin. While overlying rights are not lost by nonuse (*Wright v. Goleta*  
8 *Water District* (1985) 174 Cal.App.3d 74), the Willis Class members' failure to put water to  
9 reasonable and beneficial use impacts their fair and just allocation of native safe yield in an  
10 overdrafted basin. (See *Mojave, supra*, 23 Cal.4th at 1249, fn. 13; *Long Valley, supra*, 25 Cal.3d  
11 at 358-59, 362, fn. 15; see also Section VIII.A., *supra*.) Case law has established that an  
12 overlying landowner who does not pump does not retain a self-help right. (*Santa Maria, supra*,  
13 211 Cal.App.4th at 279; *Pasadena, supra*, 33 Cal.2d at 931-32.) Furthermore, a self-help right  
14 has priority over a right that was not used, particularly where self-help rights exceed safe yield.  
15 (See Section III, *supra*; *Moore, supra*, 22 Cal.2d at 735.)

16           Notwithstanding the fact that the Willis Class has failed to engage in self-help and the fact  
17 that senior right holders already put more than the native safe yield to reasonable and beneficial  
18 use, the Proposed Physical Solution does not eliminate the Willis Class's right but preserves the  
19 Willis Class' ability to pump in the future. Willis Class members will have the opportunity to  
20 prove a claim of right to the Court (Proposed Physical Solution, ¶5.1.10) or, like all other new  
21 pumpers in the Basin, apply to the Watermaster for new production (¶18.5.13). Thus, the Willis  
22 Class' correlative rights are more than fairly protected by the Proposed Physical Solution.

23           Furthermore, the replacement water assessment imposed on the Willis Class by the  
24 Proposed Physical Solution is reasonable. Significantly, the assessment is consistent with the  
25 Willis Class Stipulation in which the Willis Class agreed to pay a replacement assessment if a  
26 member produced "more than its annual share" of the native safe yield less the amount of the  
27 federal reserved right. In addition, the replacement assessment is imposed uniformly on all  
28

1 producers in the basin that produce more than their available allocation in any given year.

2 (Proposed Physical Solution, ¶9.2.)

3 In today's unprecedented drought conditions with the cost of water rising, a replacement  
4 assessment for an acre foot of water would be approximately \$310.<sup>3</sup> Assuming an acre foot of  
5 water is sufficient for domestic use in the Antelope Valley as testified by the court-appointed  
6 expert, Tim Thompson, the average monthly cost for a Willis Class member would be a mere \$26  
7 – a monthly amount less than what most Californians are likely paying for that amount of water.  
8 This is hardly an unreasonable burden upon any Willis Class member who would be installing a  
9 well for domestic use.

10 Even that small amount of replacement assessment cost can be avoided under the Physical  
11 Solution if the Watermaster determines that the particular Willis Class member's domestic use  
12 will not harm other groundwater users. (Proposed Physical Solution, ¶18.5.13.2 ["If the New  
13 Production is limited to domestic use for one single-family household, the Watermaster Engineer  
14 has the authority to determine the New Production to be *de minimis* and waive payment of a  
15 Replacement Water Assessment; *provided*, the right to Produce such *de minimus* Groundwater is  
16 not transferable, and shall not alter the Production Rights decreed in this Judgment."].) There is  
17 no reasonable basis for any argument that a replacement assessment somehow unreasonably  
18 burdens or significantly harms a Willis Class member who might have to pay a relatively small  
19 amount for a relatively large amount of water.

20 In fact, the Proposed Physical Solution's treatment of the Willis Class carefully follows  
21 the *Long Valley, supra*, requirements for reasonably burdening the new use of water by an  
22 unexercised correlative right, including the following:

23 [I]n order to implement the fundamental water policies expressed in  
24 the Constitution and Water Code, we conclude that at any time after  
25 the statutory adjudication has taken place, the Board has the  
26 authority to evaluate the riparian's proposed use of his unexercised  
27 right in the context of other proposed uses of water in the stream  
28 system, and to determine whether the riparian use should be  
permitted in light of the state's interest in promoting the most

<sup>3</sup> The current published cost of AVEK's SWP Water is approximately \$310 an acre foot for untreated water. (Exhibit B.) An acre-foot is the amount of water needed to cover an acre of land to the depth of one foot and is generally considered to be the approximate amount of water used by a household of four people over a period of two years.

1 efficient and beneficial use of state waters. Because the statutory  
2 adjudication procedure and section 2900 are designed to promote  
3 finality and certainty, however, the Board may not grant the  
unexercised riparian claim a priority with respect to existing rights  
that is higher than it granted at the time the decree became final.

4 (*Id.* at 363, fn. 15.) To allow the Willis Class to start a new use and pump groundwater without a  
5 replacement assessment would give a water right to the Willis Class that is superior to existing  
6 rights and contrary to the California Supreme Court decision in *Long Valley, supra*.

7 **C. The Willis Class' Due Process Rights Are Not Violated**

8 For the reasons stated above, the Proposed Physical Solution does not “extinguish” the  
9 water rights of the Willis Class, as the Willis Class claims. Rather, it allows Willis Class  
10 members—who have never put their overlying rights to reasonable and beneficial use and whose  
11 unexercised and unquantified overlying rights have been deprioritized by way of self-help  
12 pumping by other overlying owners—to prove their entitlement to a fair share of native safe yield  
13 to the Court or apply as a new pumper to the Watermaster. (Proposed Physical Solution, ¶¶5.1.10  
14 & 18.5.13.)

15 Furthermore, for the reasons set forth in the Public Water Suppliers' Opposition to Motion  
16 to Enforce Due Process Rights of the Willis Class (“Due Process Opposition”) and incorporated  
17 herein, the Willis Class received adequate notice that the Court could adopt a physical solution  
18 that would restrict or place conditions on the Willis Class members' ability to pump groundwater.  
19 Due process protects parties from “arbitrary adjudicative procedures.” (*Ryan v. California*  
20 *Interscholastic Federation-San Diego Section* (2001) 94 Cal.App.4th 1048, 1070.) No such risk  
21 exists here because the Court approved class notice to the members of the Willis Class that put  
22 them on notice that they would be subject to a physical solution yet to be approved by the Court.  
23 The notice stated that the Willis Class members “will be bound by the terms of any later findings  
24 made by the Court and any Physical Solution imposed by the Court” and “it is likely that there  
25 will be limits imposed on the amount of pumping in the near future.” In addition, the Willis Class  
26 has actively participated in these proceedings since January 11, 2007, knows that the other  
27 landowners claim a correlative share of the Basin's native safe yield, and agreed in the Willis  
28

1 Class Stipulation that they would be subject to the Court's future jurisdiction and judgment and  
2 would be bound by a physical solution.

3 **D. Standing**

4 To the extent that the Willis class challenges anything other than the consistency of the  
5 Willis Settlement with the Proposed Physical Solution, the Willis Class lacks sufficient interest to  
6 establish standing.

7 **X. THE JUDGMENT SHOULD COMPREHENSIVELY ADJUDICATE ALL**  
8 **INTERESTS IN AND TO THE BASIN**

9 A Judgment should comprehensively adjudicate all of the interests in and to the Basin so  
10 as to provide all water users in the Basin certainty as to their respective water rights. To this end,  
11 the Public Water Suppliers request that this Court issue the following injunctions set forth in the  
12 Proposed Judgment:

- 13 1) Injunction Against Unauthorized Production. Each and every Party, its officers,  
14 directors, agents, employees, successors, and assigns, except for the United States,  
15 is enjoined and restrained from producing groundwater from the Basin except  
16 pursuant to the Judgment. (Proposed Judgment, ¶6.1.)
- 17 2) Injunction Re Change in Purpose of Use Without Notice to the Watermaster. Each  
18 and every Party, its officers, directors, agents, employees, successors, and assigns,  
19 is enjoined and restrained from changing its purpose of use of groundwater at any  
20 time without notifying the Watermaster. (*Id.* at ¶6.2.)
- 21 3) Injunction Against Unauthorized Capture of Stored Water. Each and every Party,  
22 its officers, directors, agents, employees, successors, and assigns is enjoined and  
23 restrained from claiming any right to produce stored water that has been recharged  
24 in the Basin, except pursuant to a storage account with the Watermaster, and as  
25 allowed by this Judgment, or pursuant to a water banking operation in existence  
26 and operating at the time of this Judgment as identified in Paragraph 14 of the  
27 Proposed Physical Solution. This injunction does not prohibit Parties from  
28 importing water into the Basin for direct use, or from producing or using imported

1 water return flows owned by such parties pursuant to Paragraph 5.2 of the  
2 Proposed Judgment. (*Id.* at ¶6.3.)

3 4) Injunction Against Transportation from the Basin. Except upon further order of  
4 the Court, each and every Party, its officers, directors, agents, employees,  
5 successors, and assigns is enjoined and restrained from transporting groundwater  
6 hereafter produced from the Basin to areas outside of the Basin except as provided  
7 for by the Proposed Judgment. (*Id.* at ¶6.4.)

8 It is also important that the Court adopt Paragraph 20.10 of the Proposed Physical  
9 Solution, declaring that the final judgement is binding on all Parties and their successors-in-  
10 interest.

11 In accordance with the Proposed Judgment and Physical Solution, the Court should  
12 exercise continuing jurisdiction over this matter to ensure that all production and use of water  
13 from the basin is consistent with the Court's final judgment. The Court's continuing oversight  
14 will ensure that the Basin's supplies are protected in accordance with Article X, Section 2 of the  
15 California Constitution, including by ensuring that Parties do not take, waste or fail to conserve  
16 water from the Basin in any manner which interferes with the rights established by the Court's  
17 physical solution. (*Mojave, supra*, 23 Cal.4th at 1241-42.)

18 **XI. CONCLUSIONS**

19 For the reasons stated above, the Public Water Suppliers respectively request that the  
20 Court adopts the Proposed Judgment and Physical Solution and enter judgment against non-  
21 stipulating and defaulting parties as described above. The Public Water Suppliers additionally  
22 request a judicial determination of the existence, amount and priority of their prescriptive and  
23 return flow recapture rights as against defaulted parties and any other non-stipulating party.  
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Dated: September 22, 2015

BEST BEST & KRIEGER LLP

By



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**PROOF OF SERVICE**

I, Rosanna R. Pérez, declare:

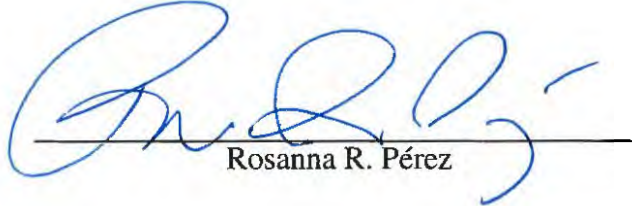
I am a resident of the State of California and over the age of eighteen years, and not a party to the within action; my business address is Best Best & Krieger LLP, 300 S. Grand Avenue, 25th Floor, Los Angeles, California 90071. On September 22, 2015, I served the following document(s):

**PUBLIC WATER SUPPLIERS' TRIAL BRIEF**



by posting the document(s) listed above to the Santa Clara County Superior Court website in regard to the Antelope Valley Groundwater matter.

I declare under penalty of perjury under the laws of the State of California that the above is true and correct. Executed on September 22, 2015, at Los Angeles, California.

  
Rosanna R. Pérez

26345.00000\18747072.4

ORDINANCE NO. 4457  
(New Series)

An ordinance regulating the drilling of water wells in the northern part of the County.

The Board of Supervisors of the County of Los Angeles do ordain as follows:

Section 1. A person shall not drill any water well in that portion of the County of Los Angeles northerly and easterly of the southerly and southwesterly boundary of the Antelope Valley Conservation District until he first obtains a permit so to do from the Regional Planning Commission.

Section 2. The Chief Engineer of the Regional Planning Commission shall grant a permit to drill a water well if:

(a) He finds that such well is to be used exclusively for domestic purposes or for watering livestock, including poultry or both, or

(b) He finds that such drilling of a water well is for the repair or replacement of existing wells and the water is to be used on land already under irrigation, or

(c) An exception has been granted.

Section 3. An exception, permitting the drilling of a new well may be granted by the same procedure and for the same grounds as provided for in Article 7 of the Zoning Ordinance of this County, Ordinance No. 1494, New Series, entitled, "An Ordinance providing for the creation in the unincorporated area of the County of Los Angeles of eighteen (18) zones and prescribing area requirements and the classes of uses of buildings, structures, improvements, and premises in said several zones", adopted September 12, 1927.

Section 4. The provisions of this ordinance do not apply to any municipality, district, governmental agency, or other public body in existence on the effective date of this ordinance,

1 but do apply to all such public agencies formed after such  
2 effective date.

3           Section 5. Violation of this ordinance or of any permit  
4 or exception granted hereunder is a misdemeanor punishable by a  
5 fine not to exceed five hundred dollars or by imprisonment in the  
6 County Jail for not to exceed six months or by both such fine and  
7 imprisonment. Each separate day or any portion thereof during  
8 which any violation of this ordinance occurs or continues con-  
9 stitutes a separate offense.

10           Section 6. This ordinance is enacted in contemplation  
11 of the preparation of a precise plan of the Master Plan of Land Use  
12 or the preparation of a Master Conservation Plan and precise plans  
13 thereof, or both, which plans are to be adopted in conformity with  
14 the Planning Act. The Regional Planning Commission is now making  
15 investigations and will soon hold public hearings on the adoption  
16 of such plans. This ordinance is to preserve the status quo until  
17 such plans are finally adopted. The Board of Supervisors of the  
18 County of Los Angeles hereby finds that the water table in that  
19 portion of the County described in Section 1 of this ordinance is  
20 now so low and is continuing to drop so rapidly that if restrictions  
21 upon the drilling of further water wells are not effective within  
22 the next thirty days the whole of such portion will be rendered  
23 unfit for agricultural use.

24           Section 7. If any provision of this ordinance, or the  
25 application thereof to any person or circumstance is held invalid,  
26 the remainder of the ordinance, and the application of such pro-  
27 vision to other persons or circumstances shall not be affected  
28 thereby.

29  
30  
31  
32

Section 8. This ordinance shall take effect thirty days after the date of its adoption, and prior to the expiration of fifteen days from the passage hereof shall be published once in the Antelope Valley Ledger Gazette, a newspaper printed and published in the County of Los Angeles, State of California, together with the names of the members of the Board of Supervisors voting for and against the same.

William A. Smith  
Chairman of the Board of Supervisors of the County of Los Angeles, State of California

Attest:

J. F. MORONEY  
County Clerk and ex officio Clerk of the Board of Supervisors of the County of Los Angeles

By Alice Burks  
Deputy Clerk.

STATE OF CALIFORNIA, }  
County of Los Angeles } ss.

I, J. F. MORONEY, County Clerk of the County of Los Angeles, State of California, and ex officio Clerk of the Board of Supervisors thereof, do hereby certify that at a regular meeting of the Board of Supervisors of said County of Los Angeles, held on the 20<sup>th</sup> day of February, 1945,

at which meeting there were present, Supervisors William A. Smith  
(Chairman presiding) Leonard J. Roach, John Anson Ford,  
Raymond V. Darby and Roger W. Jessup

and the Clerk, the foregoing ordinance consisting of 8 sections was considered section by section, and that the said ordinance was then passed and adopted as a whole by the following vote, to-wit:

Ayes: Supervisors Darby, Jessup and Smith

Noes: Supervisors Roach and Ford

In Witness Whereof, I have hereunto set my hand and affixed the seal of the Board of Supervisors of said County of Los Angeles this 20<sup>th</sup> day of February, 1945.

J. F. MORONEY,  
County Clerk and ex officio Clerk of the Board of Supervisors of the County of Los Angeles

By Alice Burks  
Deputy Clerk.

Subject to opinion of November 15, 1944, to Acting Chief Engineer of the Regional Planning Commission,

APPROVED AS TO FORM  
J. H. O'Connor, County Counsel  
By Edward H. Gaylord  
Edward H. Gaylord,  
Deputy County Counsel.

January 18, 1946

Mr. Wayne Allen  
Purchasing Agent  
1660 Eastlake Avenue

Dear Sir:

At its meeting held January 16th the Board of Supervisors adopted an order which was unanimously carried authorizing the printing of 200 copies of Ordinance No. 4457 N.S. and 500 copies of Ordinance No. 4025 N.S.

Very truly yours,

J. F. MORDNEY, Clerk

By

Deputy.

A.

6-D40-009-0004

2/14/45

To Board \_\_\_\_\_  
To SAC \_\_\_\_\_  
Refer to File ✓

*Jr*

Route #1, Box #105  
Lancaster, California  
March 23, 1945

Los Angeles County Board of Supervisors  
Hall of Justice  
Los Angeles, California

*Ord 4457*

Dear Mr. Jessup and Honorable  
Board of Supervisors:

Joshua Tree Grange No. 664 a Farmers Co-operative,  
with 111 active members, the majority hereby pledge  
support to the Board of Supervisors for the enforcement  
of your Ordinance No. 4457, that became effective on  
March 22, 1945.

The maintenance of the water table in Antelope  
Valley is very essential and a serious problem.

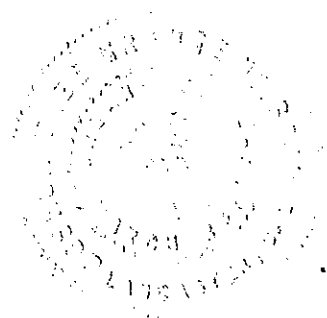
Every effort of the Honorable Board of Supervisors  
to curtail or control new development and water well  
drilling is longevity of the present existing acreage.

If there is any available water for this locality  
from Owens Valley, Lake Tahoe, or any other source, we  
would greatly appreciate your efforts to help us in  
obtaining said water.

Respectfully submitted

Master *B. C. Jessup*

Secretary *Maudie P. Angus*



MEETS  
SECOND AND FOURTH MONDAYS  
KEPPEL UNION SCHOOL

THE LARGEST  
GENERAL FARM ORGANIZATION  
IN AMERICA

*Ord. 4457*

To Board

Alpine Grange No. 665

Patrons of Husbandry  
LITTLE ROCK, CALIFORNIA

March 27, 1945

Los Angeles County Board  
of Supervisors  
Hall of Records  
Los Angeles 12, Calif.

Gentlemen:

The undersigned organization composed of 102 members of farmers, have by a Resolution adopted, agreed to support a water conservation program and believe that the drilling of large wells in Antelope Valley for new irrigation development should be curtailed until a study of the underground water and its recharge has been made by those Agencies best qualified to do so, and support the interim ordinance passed by your honorable Board until such studies have been made.

Very truly yours,

ALPINE GRANGE

By Albert G. Chueck Worthy Master

By Laura Howard Secretary

960

ANTELOPE VALLEY EGG AND POULTRY ASSOCIATION, Inc.

LANCASTER, CALIFORNIA

March 27 1945

To Board  
Board of Supervisors  
Hall of Records  
Los Angeles Calif.

*Ord. 4457*

Gentlemen;

The Board of Directors of the Antelope Valley Egg and Poultry Ass'n in a resolution passed at their meeting held March 26 1945 do hereby endorse your action in passing the ordinance regulating the drilling of water wells in the Valley.

The Board feels that in order to preserve the acreage now in cultivation new development must be curtailed. You may be assured of the support of this organization in any plan which will allocate the existing water for the greatest benefit to the farmers of the Valley.

Very Truly Yours  
A.V. Egg and Poultry Ass'n

*A.A. Larsen* ..... Pres.  
A.A. Larsen

*Elmer M. Garsline* ..... Sec'y  
Elmer M. Garsline

NOTION  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



22017

UNITED STATES  
DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

620 San Fernando Road  
San Fernando, California  
April 25, 1945

Mr. Alvin W. McCauley  
Lt. Comdr. Dental Surgeon USPHS (R)  
1109 South 3rd Street  
Alhambra, California

4457  
file

Dear Mr. McCauley:

Your letter of March 30, 1945 regarding your property in Antelope Valley R.I.B. Assessment and Ordinance number 4457 have been referred to me.

Many of the questions which you ask do not come under the province of this department. At the request of the Board of Directors of both the Portal Ridge and Antelope Valley Soil Conservation District, the Soil Conservation Service is assisting the districts and the County Regional Planning Commission in gathering information which will be used for developing the master plan of land use. Policy would not permit this Service to go further than to make the statement that the underground water table from which irrigation water in the valley is pumped, has rapidly been receding.

I might call your attention to certain wording of Ordinance number 4457 which may tend to lessen your anxiety. A portion of Section 6 reads as follows:-

"This ordinance is enacted in contemplation of the preparation of a precise plan of the Master Plan of Land Use or the preparation of a Master Conservation Plan and precise plans thereof, or both, which plans are to be adopted in conformity with the Planning Act. The Regional Planning Commission is now making investigations and will soon hold public hearings on the adoption of such plans. This ordinance is to preserve the status quo until such plans are finally adopted. - - "

From this it is quite evident that the present ordinance is only an interim arrangement. Certainly with the interest in the Valley which you so ably expressed in your letter of March 30, you will want to be present at the public hearings and see that the final Master Plan of Land Use is adopted

2 - Alvin W. McCauley - April 25, 1945

in conformance with the principles of democratic government.

Your letter is being forwarded to the Board of Directors of the Antelope Valley Soil Conservation District in Lancaster in hopes that they may see fit to answer your questions in the light of operators and land owners whose very existence depends on a sustained and equitable distribution of the now rapidly receding underground water resources in the Valley.

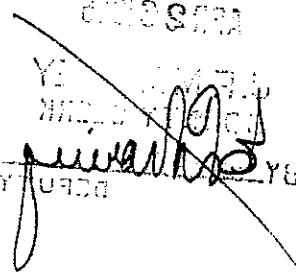
Very truly yours,



R. D. Perry  
District Conservationist

cc-Tyler Sussas  
L.A. County Board of Supervisors  
V.D. Fairchild

FILED  
BOARD OF SUPERVISORS  
OF FRESNO  
COUNTY  
MAY 1 1945  
BY  
DEPUTY



6-D40-009-0009

2249

To Board
To CAO
Refer to

*[Handwritten initials]*

454 Ellipse Ave  
Oakland, Calif.  
May 12, 1945

Los Angeles County Board of Supervisors  
County Building  
Los Angeles California.

fill 3/5  
570.0  
4457

Gentlemen:

We hold title to 80 acres of land in Antelope Valley located in Sec 13, Twp. 7N., R. 10 W, and we are advised by Mr. Frank B. Rutledge of Lancaster California that it is almost impossible to sell this land as there is a new County ordinance prohibiting the drilling of new wells for alfalfa production.

Please send me a copy of this ordinance. If this information is correct has there been any reduction in taxes to offset this restriction.

Yours truly  
Karl R. Peters

May 16, 1945

Mr. Karl R. Peters  
454 Ellita Avenue  
Oakland, California

Dear Sir:

As requested in your communication of May 12th,  
a copy of Ordinance No. 4457 (New Series) regu-  
lating the drilling of water wells in the northern  
part of the County of Los Angeles is enclosed  
herewith.

Very truly yours,

Chief Clerk  
BOARD OF SUPERVISORS

m  
Enclosure

6-D40-009-0011

2-423

6-D40-009-0012

To Board
To CAO
Refer to <u>file</u>

G. B. PRIMMER  
 WATER WELLS  
 P. O. Box 325 Palmdale, Calif.

May 10/45

file ✓  
 54  
 44 57

Honorable Board of Supervisors  
 Los Angeles County  
 Los Angeles

5/31/45  
 received

MOTION

Gentleman & Ladies

I visited your chambers on 9th and listened to cases & discussions on your water cases and being a poor talker due to sickness I kept quiet most of time.

I appreciated your very earnest endeavor to give full justice to all and I heartily endorse your handling the situation as it now stands in Valley. But I do feel that you do not realize what it means to so many.

I do not agree to all the different depts are doing or as to water levels in all parts of valley as I have drilled wells in several parts of valley and especially especially in districts where going through and no failures. No one has can but appreciate that water levels are lowering each year but in fact is because too many are pumping from same land and also from because rotary method of drilling uses a circulation of mud under pump pressure which is done to hold walls up until casing can be inserted. Other method is by stand or Churn drill system with no pump pressure and at the bottom of the natural well a sand is left exposed to give

That to my idea is the only <sup>2</sup> real method of drilling for water as now I speak from oil from which I am an old follower, We could only drilled to around 8000' as lines would unstrand and a line at that depth would only last 4 or 5 days. Then we started going deep with rotary, as then gas pressures became enormous. being in different dist. 4000 to 8000+ to square inch so our pumps had to offset.

You will readily understand what such pressure can do in a well to a water sand.

I say for your body to regulate depth of wells and number to a section.

I will give you an illustration to prove my meaning. Several years ago a representative of a pump Co. and one from a Pasadena bank came out to my place east of palm Dale to see what I could do about a well called the Kurr well.

The bank man gave this story. Kurr had borrowed money to put down a deep & big well in a seemingly fine district and drilled a well 710' deep. We installed perforated pipe holes as big as a silver dollar about 2" apart. Put on pump test over a long period of time only gave 15 inches so bank got place 80 acres well and all. Hence call on me. He said what do you advise I said I can only spend your money so this I will do

I will swear your well so had to explain that was  
an oil game procedure to bring in a well and only  
to be done by an oil man who knows  
So that I did and then we tested, water level same but  
pump gave a continuous test 37 inches. Back on again  
test gave 55 inches. So on cleaning out got many long  
slivers of mud like liver <sup>and</sup> 4 inches in length then I  
ran a perforator cutting 8 more holes so again  
pump test ran to 95 inches so it is same today  
I think. Water level all tests was about 125'

Lead down to this I would refer you to well  
In contrast to this I would refer you to well  
owned by Fletcher Wile announcer on L.W.K. which  
at that time owned by Hammond & Misspigel out  
near end of Terra Bonita are that well drilled on 80  
acres where said no water. And I drilled well under  
great handicaps as my wife was sick and required  
every other day to Dr in Lancaster and took month to  
finish as he passed away during that time  
That well 12" to 23" - 10" to B.P. 8" to 4" water level  
144 no raise at all Pump set in 30' of submergence and  
produced 133 inches. When Wile bought it he put in  
a new diesel engine, new pumps set same level and  
it produced 170 inches later with no speed up increased to  
175 inches and is I believe same to day though 6 years  
ago.  
I believe the solution is only this deeper drilling under control  
at night.

I am a believer in water location as these two pictures are  
two of my 51 wells I drilled in Honolulu and neighboring  
islands during two trips over there.  
One of these wells is the largest flowing well in world  
better than 10,000 gals a minute of finest of water  
and drilled on what was a coral reef. 6' feet  
under ocean is flowing yet, as I put all wells  
under control valves and within 6 months have  
received data from Geologist in charge at Honolulu  
This well was drilled in 1930.  
I have many ideas of valley as regards water but not  
accepted by residents as I cannot see why my  
ideas & proven theories cannot be applied.  
Here in Calif some of these experiments I proved here on ranches  
of Al Stratman & Max Goode, out in Belvedere  
Mut district where location of wells gave them  
wells of 25-77-25 gals a minute the edge on  
cross road of 2\*6 gals a minute.  
So I hope I haven't bored you and at least have  
been of some interest.  
It may be of interest also that water at foot of mts near  
Palmdale is about 300' but a mile up hill I drilled  
water of finer quality and stands at 18' & 27' of top  
from 40' and 200'. Thank you  
R. S. P. A. D. A. D.



P.S.

I am sending you maps which  
I will please ask your board to  
return and any information  
you might wish and I can  
give you I will be glad to assist.  
I am down here recovering from  
an illness but having lived in  
Antelope Valley since 1911 I can  
give lots of data that will assist  
in your decisions.

825 Centennial St. G. B. Pummer  
Phone Mich 4624

1615

56

69

Coast Guard Operating Base,  
Wilmington, California,  
30 March, 1945.

Board of Supervisors  
Los Angeles County  
Los Angeles, California.

570.0

4457

*Handwritten notes:*  
...  
...

minutes, Vol 304 Page 109

Dear Sirs:

As owner of a parcel of land in Los Angeles County described as follows: 39.09 acres being, (ex of rd.), NE $\frac{1}{4}$  of SE $\frac{1}{4}$ , Sec.24 Township 7N, Range 13W, I am protesting County Ordinance No. 4457, which I understand was passed Feb. 20, 1945 and became effective March 22, 1945.

In order to establish my right to protest, permit me to review the history of my ownership of this land. I acquired it when the previous owner was unable to pay off the mortgage two years after it had become due, and deeded it to me in order to spare me the expense of foreclosure. At the time of my acquisition there was a lien against it in the form of an old R.I.D. assessment, which the owner had been advised not to pay because of the probability of its cancellation. This amounted to \$136.21. On the 26th of November 1940, I wrote to your honorable body to petition its cancellation. Eventually I was notified that some action would be necessary on my part to prevent sale of the land at public auction. I therefore adopted the 5-Payment Plan. Meanwhile, the matter dragged on and on with no action being taken by the Special Assessment Relief Committee. Finally at the time I made my fourth payment under the 5-Payment Plan, I again wrote you body, (April 19, 1944). It was not until that time that I was finally notified that the assessment had been cancelled almost a year before, (May 19, 1943).

APR 10 1945

~~NOTION~~

During all this time I had not been able to do anything with the property either from the standpoint of sale or development, because no one was interested in it with the lien standing as a blemish on the title. When I finally received notice of the cancellation, I had already been on active duty with the United States Coast Guard for six months and because of the nature of my duties and my assignment, along with gasoline rationing etc., all plans had to be held in abeyance.

*Handwritten notes:*  
Ref. South  
concern  
Dist.  
to answer

Now with the adoption of Ordinance No. 4457 comes the most cruel blow of all. I probably could not even give the land away now, as no water has ever been developed on it. Under this ordinance, I understand no water can be developed other than for household purposes, inasmuch as the land is not now nor has it ever been under cultivation or irrigation. I ask you, of what use is water development for domestic purposes only, on 40 acres of land?

I learned about this ordinance through a party whom I chanced to contact. Now it seems very strange to me that I should have to learn about it in this way. I read in the Lancaster Ledger-Gazette, (a copy of which this acquaintance mailed to me), that, "interests representing all phases of agriculture, farmers' organizations, and business men joined in asking the Board of Supervisors to assist them in protecting the Valley against excessive and ruinous water development".

WHY, has no one represented those of us who are serving in the Armed Forces of our country and are therefore perhaps not as able at this time to protect our interests, as are some of our fellow-countrymen?

WHY, has no one sought to contact others like me, who have undeveloped land and therefore would be adversely affected by such an ordinance?

WHY, in this democracy of ours, should any group be favored with the passage of an ordinance, which would benefit them alone at the expense of others, only because they have brought enough pressure to bear?

WHY, in this democracy of ours, is it possible for one group who is already established to say in effect, "we shall keep this water for ourselves; no one else may share it?" We are at present fighting a war because one group said, "we are strong, therefore we will take from those who cannot help themselves."

WHY, if as the newspaper says, "----- the Board of Directors of both the Portal Ridge and Antelope Valley Soil Conservation Districts pointed out the fact that water tables have been falling alarmingly in all pumping areas for the past twenty to thirty years," WHY, I ask, was this not done ten or twenty years ago, instead of now under the guise of an emergency measure?

I can recall the stench that arose during and after World War 1, as the result of the Prohibition Amendment to the Constitution of the United States, which was passed while no one was looking. The secrecy with which this ordinance was adopted reeks with the same perfume. When one owns a parcel of land away from the area in which he lives, must it become necessary for him to employ a local agent to act as a watchdog over his interests. Or can a lone individual still speak loudly enough to be heard? I have been led to believe that I am helping to fight a war against selfish interests. I would hate to learn that I had been misled. Nor would I dare to foul this letter with the opinions and comments of my brothers-in-arms who have expressed themselves after reading the newspaper clipping to which I referred.

You may gather from this letter that I am somewhat wrought up over this matter. Gentlemen, I protest with every fibre of my being, the action which you have taken, as constituting the most flagrant discriminatory business it has been my unhappy fortune to witness. It was not sufficient to have stalled for three years at my expense, before finally cancelling the R.I.D. assessment, when the bonds had long since been paid off. Now, this masterpiece of selfishly conceived and sponsored legislation has to be saddled on to us to kill any post-war hopes or plans my family and I have had for the future of our acreage.

Gentlemen I do not ask you to reconsider your action. I demand justice for all groups in this matter.

Yours truly,

*Alvin W. McCauley*

Alvin W. McCauley, (Lt. Comdr.)  
Dental Surgeon USPHS(R)

Mail Address :  
1109 So. 3<sup>rd</sup> St.  
Alhambra, Calif.

April 12, 1945

Alvin W. McCauley, (Lt. Comdr.)  
Dental Surgeon USPHS(R)  
1109 South 3rd Street  
Alhambra, California

Dear Sir:

Your communication of March 30th, protesting against the adoption of County Ordinance No. 4457, New Series, was presented to the Board of Supervisors on April 10th and referred to Mr. R. D. Perry of the Soil Conservation Service, United States Department of Agriculture, for reply to you.

Very truly yours,

J. F. MORONEY, Clerk

By \_\_\_\_\_ of our Board  
Deputy.

g.

April 12, 1945

Mr. R. D. Perry  
Soil Conservation Service  
U. S. Dept. of Agriculture  
620 San Fernando Road  
San Fernando, California

Dear Sir:

Enclosed is copy of a communication signed by Alvin W. McCauley (Lt. Comdr.) Dental Surgeon USPHS(R), protesting against the adoption of County Ordinance No. 4457 (New Series), copy of which is enclosed.

This communication was presented to the Board of Supervisors on April 10th and referred to you for answer to Lt. Comdr. McCauley.

Will you kindly send for our files a copy of your reply to Lt. Comdr. McCauley?

Very truly yours,

J. F. MORONEY, Clerk

By

Deputy.

encs.  
g.

Coast Guard Operating Base,  
Wilmington, California,  
30 March, 1945.

Board of Supervisors  
Los Angeles County  
Los Angeles, California.

Dear Sirs:

As owner of a parcel of land in Los Angeles County described as follows: 39.09 acres being, (ex of rd.), NE 1/4 of SE 1/4, Sec. 24 Township 7N, Range 13W, I am protesting County Ordinance No. 4457, which I understand was passed Feb. 20, 1945 and became effective March 22, 1945.

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WHY, in this democracy of ours, is it possible for one group who is already established to say in effect, "we shall keep this water for ourselves; no one else may share it?" We are at present fighting a war because one group said, "we are strong, therefore we will take from those who cannot help themselves."

WHY, if as the newspaper says, "the Board of Directors of both the Portal Ridge and Antelope Valley Soil Conservation Districts pointed out the fact that water tables have been falling alarmingly in all pumping areas for the past twenty to thirty years," WHY, I ask, was this not done ten or twenty years ago, instead of now under the guise of an emergency measure?

I can recall the stench that arose during and after World War I, as the result of the Prohibition Amendment to the Constitution of the United States, which was passed while no one was looking. The secrecy with which this ordinance was adopted reeks with the same perfume. When one owns a parcel of land away from the area in which he lives, must it become necessary for him to employ a local agent to act as a watchdog over his interests. Or can a lone individual still speak loudly enough to be heard? I have been led to believe that I am helping to fight a war against selfish interests. I would hate to learn that I had been misled. Nor would I dare to foul this letter with the opinions and comments of my brothers-in-arms who have expressed themselves after reading the newspaper clipping to which I referred.



You may gather from this letter that I am somewhat wrought up over this matter. Gentlemen, I protest with every fibre of my being, the action which you have taken, as constituting the most flagrant discriminatory business it has been my unhappy fortune to witness. It was not sufficient to have stalled for three years at my expense, before finally cancelling the R.I.D. assessment, when the bonds had long since been paid off. Now, this masterpiece of selfishly conceived and sponsored legislation has to be saddled on to us to kill any post-war hopes or plans my family and I have had for the future of our acreage.

Gentlemen I do not ask you to reconsider your action. I demand justice for all groups in this matter.

Yours truly,

(Signed) Alvin W. McCauley

Alvin W. McCauley, (Lt. Comdr.)  
Dental Surgeon USPHS(R)

Mail Address:

1109 So. 3rd St.  
Alhambra, California

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REF ID: A64567

~~Letter~~

To whom should  
one apply for permit  
and what is the cost of it  
for a water well in  
Antelope Valley? I have  
just noticed a news  
item stating a permit  
should be obtained for  
a water well. Thanks

F. H. B. Grosvenor  
BOARD OF SUPERVISORS  
OFFICE  
Calif.

MAR - 3 1945

J. F. MORCNEY  
COUNTY CLERK  
BY *[Signature]*  
DEPUTY

ord no. 4457  
mailed  
mar. 7-1945

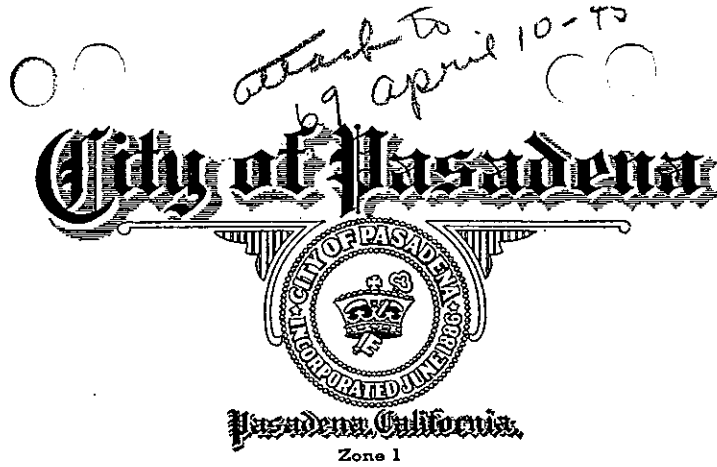
BOARD OF CITY DIRECTORS

C. G. WOPSCHALL  
CHAIRMAN

ROBERT E. DAWSON  
VICE-CHAIRMAN

A. RAY BENEDICT  
M. S. BRENNER  
CHARLES C. HAMILL  
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C. WELLINGTON KOINER  
CITY MANAGER



OFFICE OF CITY ATTORNEY

HAROLD P. HULS  
CITY ATTORNEY  
H. BURTON NOBLE  
ASSISTANT CITY ATTORNEY  
VERN B. THOMAS  
ROYAL M. SORENSEN \*  
DEPUTIES  
\*ON DUTY IN U. S. NAVY

March 1, 1945

4457

Mrs. Alice Burks  
Hall of Records  
220 North Broadway  
Los Angeles 12, Calif.

*file*

Dear Mrs. Burks:

It would be much appreciated if you would send to the undersigned a copy of Los Angeles County Ordinance No. 4457 which, as I understand it, has to do with the zoning of water well drilling in Antelope Valley.

If the county has adopted other like measures for other portions of the county, I would appreciate having a copy of such ordinances.

Very truly yours,

*Harold P. Huls*  
City Attorney

*Ord. No. 4457  
mailed mar. 6-1945  
H. L. Schmitt.*

Palmdale, Calif.

Mar. 19, 1945.

file ✓

Mr. Roger Jessup,  
S. B. County Board of Supervisors,  
Hall of Justice,  
Los Angeles, Calif.

Dear Mr. Jessup, -

The Wildflower Grange, No. 663, a farmers' organization in the Antelope Valley, with a membership of one hundred and three, hereby wishes to express its appreciation to the Honorable Board of Supervisors for its adoption of the Ordinance No. 4457, and further lends support to its successful operation.

Very truly yours,

Wildflower Grange

Luille H. Gregory, Secretary

Route 3, Box 4.

✓  
✓  
⑦  
✓  
5 ✓

LOCATED WEST OF LANCASTER IN ANTELOPE VALLEY

To Board  
to CAO  
Refer to file

PORTAL RIDGE SOIL CONSERVATION DISTRICT  
LANCASTER, CALIFORNIA

April 3 1945

*file*

L.A.Co.Board of Supervisors  
Hall of Records  
Los Angeles Calif.

Dear Sirs;

The Board of Directors of the Portal Ridge Soil Cons.Dist wish to take this means of expressing their approval of your action in the passing of the new ordinance regulating the drilling of water wells in the Antelope Valley.

We feel that some plan is necessary to conserve the water and not jeopardize the existing acreage that is under cultivation at the present time.

You can rest assured that this Board will lend every effort to help make this program a success.

Very Truly Yours  
Portal Ridge Soil Conservation Dist.  
*Elmer M. Gorsline* Pres.  
Elmer M. Gorsline

ACTION

72

To Board
Order to

Lancaster, California  
March 31, 1945

Los Angeles County  
Board of Supervisors  
Los Angeles, California

Gentlemen:

The East Antelope Valley Farmers Association with a membership of ninety-three farmers and businessmen hereby goes on record by resolution dedicating itself to the program now underway which has as its ultimate objective the stabilization of the water table in the Antelope Valley. Furthermore it gives its unqualified support to the interim ordinance recently adopted by you designed to maintain a status quo, until the outcome of the investigations now being conducted by the Federal, State and County agencies together with the assistance of the Antelope and Portal Ridge Soil Conservation Districts are determined.

MOTION

Yours respectfully

The East Antelope Valley  
Farmers Association  
by. Sec'y Treas.  
Route 1 Box 61

6-D40-009-0029

100

To Board

# ANTELOPE VALLEY HAY GROWERS ASSOCIATION, Ltd.

ESTABLISHED IN 1933

A FARMERS' MARKETING AND PURCHASING COOPERATIVE  
W. T. GRAHAM, General Manager . . . . . F. H. SMITH, Assistant Manager

LANCASTER . . . . . CALIFORNIA

MAIN OFFICE AND WAREHOUSE . . .  
1429-35 Sierra Highway  
Lancaster, California  
Telephone . . . . . Lancaster 48

BELLFLOWER OFFICE . . .  
G. FULLER, Manager  
941 South Woodruff Avenue  
Bellflower, California  
Telephone . . . . . Torrey 72278

SAN FERNANDO VALLEY OFFICE . . .  
R. C. HITTE, Manager  
8283 San Fernando Road  
Roscoe, California  
Telephone . . . . . Chase 77928

March 14, 1945.

570.0  
-----  
4457

County of Los Angeles  
Board of Supervisors,  
Los Angeles, Cal.

Gentlemen:

At the regular monthly meeting of the Board of Directors of Antelope Valley Hay Growers Association, held last night in the Association's office at Lancaster, I was instructed to write you as follows:

It was regularly moved, seconded and passed by a vote of six ayes to one no, the full board of seven directors being present, that the action of the Los Angeles County Board of Supervisors in passing Ordinance No. 4457 (new series), regulating the drilling of water wells in that portion of the County known as Antelope Valley, be commended, and that said County Board of Supervisors be urged to enforce said Ordinance in its entirety and as passed, until such time as a Master Plan for land use or a Master Plan for soil and water conservation has been adopted.

MAR 19 1945

ANTELOPE VALLEY HAY GROWERS ASSN

*F.H. Smith*  
F.H. Smith, Secretary

MOTION  
*[Signature]*

Minutes, Vol. 303 Page 322

March 20, 1945

Antelope Valley Hay Growers Assn. Ltd.,  
Mr. F. H. Smith, Secretary  
Lancaster, California

Gentlemen:

Your communication dated March 14th, relating to meeting of your Board of Directors at which the action of the Board of Supervisors in passing Ordinance No. 4457, New Series, regulating the drilling of oil wells was commended and urging them to enforce said ordinance in its entirety until such time as a Master Plan for land use or a Master Plan for soil and water conservation has been adopted, was presented to the Board on March 19th and ordered placed on file.

Very truly yours,

Chief Clerk  
BOARD OF SUPERVISORS.

8



**RESOLUTION NO. R-14-11 (9/23/2014)**

**BE IT RESOLVED** by the Board of Directors of Antelope Valley-East Kern Water Agency that the Rules and Regulations for Distribution of Water be amended, by amending Section 12. WATER RATES AND CHARGES, effective January 1, 2015 as follows:

**WATER RATES**

Page 1

**ANTELOPE VALLEY-EAST KERN WATER AGENCY  
WHOLESALE WATER RATES AND CHARGES  
EFFECTIVE JANUARY 1, 2015**

**12. WATER RATES AND CHARGES**

**(a) FOR MUNICIPAL AND INDUSTRIAL WATER DELIVERED TO CONSUMERS  
UNDER TERMS OF WATER SERVICE AGREEMENTS**

<u>Year</u>	<u>Treated Water Delivery Charge</u> <sup>1</sup> \$/AF	<u>Untreated Water Delivery Charge</u> \$/AF
<b>2015</b>	<b>451.00</b> (225.50/mo. min.)	<b>310.00</b> (155.00/mo. min.)

---

<sup>1</sup> Summer/Winter Rate option removed for 2015 Treated Water Rate.

## WATER RATES

Page 2

(a-1)

### FOR TREATMENT & DELIVERY OF PALMDALE WATER DISTRICT ALLOCATION

<u>Year</u>	<u>Treated Water Delivery Charge</u> \$/AF
2015 <sup>1</sup>	483.00 (241.50/mo. min.)

(a-2)

### FOR TREATMENT AND DELIVERY OF MOJAVE WATER AGENCY ALLOCATION

<u>Year</u>	<u>Treated Water Delivery Charge</u> \$/AF	<u>Treated Water Capacity Charge</u> <sup>2</sup> \$/AF	<u>Rebate to Mojave WA</u> <sup>3</sup> \$/AF
2015	1,088.00	180.93	414.00

<sup>1</sup> Estimated 2015 State Variable: \$192.00/AF. Actual charges subject to specific terms of Agreement.

<sup>2</sup> Rate to be calculated regularly based on CPI Index as per Agreement.

<sup>3</sup> Estimated Rate Shown. Actual Rate to be Determined Prior to January 1, 2015.

**WATER RATES**

Page 3

(a-3)

**FOR MUNICIPAL & INDUSTRIAL WATER  
DELIVERED TO MAIN BASE AT EDWARDS AFB**

<u>Year</u>	<u>Treated Water Delivery &amp; Capacity Charge <sup>1</sup></u> \$/AF
2015	987.00

(a-4)

**FOR MUNICIPAL & INDUSTRIAL WATER  
DELIVERED TO PHILLIPS LAB AT EDWARDS AFB**

<u>Year</u>	<u>Treated Water Delivery Charge <sup>1</sup></u> \$/AF
2015	1,030.00

---

<sup>1</sup> Estimate rate shown. Actual charges subject to specific terms of agreement.

**WATER RATES**

Page 4

(b)

**FOR AGRICULTURAL WATER DELIVERED TO CONSUMER**  
**UNDER TERMS OF WATER SERVICE AGREEMENTS**  
**FROM THE CALIFORNIA AQUEDUCT THROUGH CONSUMER-OWNED FACILITIES**

<u>Year</u>	<u>Water Availability Charge</u> \$/AF	<u>Untreated Water Delivery Charge</u> \$/AF
2015	150.00	300.00

(b-1)

**FOR AGRICULTURAL WATER DELIVERED TO CONSUMER**  
**UNDER TERMS OF WATER SERVICE AGREEMENTS**  
**FROM AGENCY-OWNED FACILITIES**

<u>Year</u>	<u>Water Availability Charge</u> \$/AF	<u>Treated Water Delivery Charge</u> \$/AF	<u>Untreated Water Delivery Charge</u> \$/AF
2015	122.00	437.00 (218.50/mo. min.)	304.00 (152.00/mo. min.)

## WATER RATES

Page 5

(c-2)

**GROUNDWATER BANKING/STORAGE**  
**PRICE FOR UNTREATED WATER TO BE STORED IN THE**  
**ANTELOPE VALLEY FOR USE WITHIN AVEK BOUNDARIES**  
**BY DIRECT OR IN-DIRECT (IN-LIEU) RECHARGE**  
**Effective April 1, 2014 – March 31, 2015**

<u>Year</u> <sup>1</sup>	<u>Untreated Water</u> <u>Delivery Charge</u> <sup>2</sup> \$/AF
2015	260.00

(c-3)

**GROUNDWATER BANKING/STORAGE**  
**PRICE FOR TREATED WATER TO BE STORED**  
**IN THE ANTELOPE VALLEY**  
**BY DIRECT RECHARGE, INCLUDING AQUIFER STORAGE & RECOVERY (ASR)**

<u>Year</u>	<u>Treated Water</u> <u>Delivery Charge</u> <sup>4</sup> \$/AF
2015 Winter Season <sup>3</sup>	386.00

---

<sup>1</sup> The Groundwater Banking / Storage Rate will be in effect from April 1, 2014 through March 31, 2015. The next annual rate will be set by March 2015.

<sup>2</sup> Water Rate to be based on the variable rate charges indicated to AVEK on the January Department of Water Resources (DWR) invoice, including Variable O & M Power, Variable Transportation, and Off-Aqueduct, plus an overhead factor to be determined by the AVEK Board annually.

<sup>3</sup> Winter Season: January – May, October – December. The 12 (c-3) ASR Rate is available only during the winter period.

<sup>4</sup> Water Rate to be set at \$65.00/AcFt less than the Section 12(a) Treated Water Rate. As shown: The Treated Water Rate = \$451.00/AcFt, therefore the 12 (c-3) ASR Rate is: \$451.00 - \$65.00 = \$386.00/AcFt.

**WATER RATES**

Page 6

(c-4)

**FOR DRY-YEAR WATER PURCHASE PROGRAM**  
**WATER DELIVERY TO CONSUMER UNDER TERMS OF AGREEMENT**

<u>Year</u>	<u>Water Delivery Charge <sup>1</sup> \$/AF</u>
2015	800.00

---

<sup>1</sup> Estimate rate shown. Actual charges subject to specific terms of agreement.

# EXHIBIT C

**REPLACEMENT WELL APPLICATION (FOR EXISTING PRODUCTION RIGHTS)\***  
**ANTELOPE VALLEY WATERMASTER**

Please include an application fee according to the fee schedule posted on the Watermaster website:  
<https://avwatermaster.net>. Make check out to: Antelope Valley Watermaster

Please mail to: Antelope Valley Watermaster, P.O. Box 3025, Quartz Hill, California 93586 OR email to: [info@avwatermaster.net](mailto:info@avwatermaster.net)  
 Call Watermaster Administrative staff at 661-234-8233 with questions.

*\*This form is for applicants with known production rights to request a replacement well within 300 feet of an existing well owned by the applicant. If the proposed well is greater than 300 feet from an existing well, please use the New Point of Extraction Application instead of this form. If new production rights are being requested, please use the New Production Application instead of this form. This form can also be used for non-production wells such as monitoring wells, test wells, and cathodic protection wells that will pump only minimal amounts for groundwater sampling. Note that the application fee is lower for these types of wells (see fee schedule).*

Date June 7, 2019 Well Site APN# 3146-009-929 and -053  
 Property Owner/Well Owner SCI California Funeral Services, Inc. dba Joshua Memorial Park  
 Property Owner/Well Owner Mailing Address 808 East Lancaster Blvd. Lancaster, CA 93535  
 Property Address, if different than Owner's Address \_\_\_\_\_  
 Contact Phone Number 661-942-8125 Contact email Christopher.Twitchell@DignityMemorial.com  
 Owner's name as Appears in Antelope Valley Adjudication Judgment SCI California Funeral Services, Inc. dba Joshua Memorial Park  
 Production Rights as listed in Antelope Valley Adjudication Judgment 122 AFY Section S.I.10 acre-feet/year (PENDING MOTION)

**Driller Information**

Drilling Company Bryant Pump and Drilling  
 Drilling Company Address 1205 Sierra Hwy (P.O. Box 1378) Rosamond 93560  
 Drilling Company Phone Number (661) 886-5220 Drilling Company email bryantsh204@pho.com

**Existing Well Information, if applicable**

Will the New Well replace an Existing Well? Yes Existing Well Latitude/Longitude (or x, y) 34.69496, 118.11564  
 Will the New Well be used in order to stop sharing a well? NO Please provide a copy of the shared well agreement.  
 If so, please provide estimations of annual Production of the Shared Well by year for the 1946 through 2015 time period to the best of your knowledge \_\_\_\_\_

Estimated future annual production of the Existing Well once the New Well has been constructed 0  
 Will the Existing Well be destroyed? Yes If not, why not? \_\_\_\_\_  
 Existing Well pumping capacity 250 gpm Average annual production from Existing Well inactive acre-feet/year  
 Use(s) of the Existing Well (agricultural, domestic, industrial, municipal, monitoring, etc.) Cemetery/irrigation  
 Status (active, inactive) Inactive  
 Existing Well construction date April 1957 Casing Materials Steel Casing Diameter 12 inches  
 Surface seal material and depth NONE Screen depths (top/bottom) \_\_\_\_\_ feet  
 Well Depth \_\_\_\_\_ feet Ground surface elevation \_\_\_\_\_ feet above mean sea level  
 Depth to water Approx 200 feet

Please attach a copy of the DWR Well Completion Report, if available.

PENDING MOTION



**New Well Information**

Will this be a New or Replacement Well? Distance from Existing Well (please use the Change of Point of Extraction form if greater than 300 feet) 140 feet

New Well Latitude/Longitude (or x, y) 34.69479 118.11666

Use(s) of New Well (agricultural, domestic, industrial, municipal, monitoring, etc.) vegetation - cemetery irrigation

Estimated New Well pumping capacity \_\_\_\_\_ gpm. Estimated annual production from New Well 122 acre-feet/year

Do other wells exist on this property? Yes If yes, indicate if active, inactive, or abandoned and show on Site Plan

Will a meter be installed on the well at the time of construction? Yes If not, when will the meter be installed? \_\_\_\_\_

**Site Plan**

An 8½" by 11" paper site plan must be attached to this application showing:

1. Location of site features, including major buildings, landscaped areas, all existing wells, roads, etc.
2. North arrow and scale.
3. Locations of proposed well and existing well(s) with dimensions in feet between wells and to nearest cross streets.

**Proposed Well Construction**

Please attach a diagram showing proposed well construction, including maximum well depth, casing diameter and materials, ground surface elevation, screen intervals, and estimated pumping capacity. A completed DWR Well Completion Report is required to be submitted to the Antelope Valley Watermaster upon completion of well.

**Signatures**

I understand and agree to abide by the terms of the Antelope Valley Adjudication Judgment. I certify that the information given in this application is correct to the best of my knowledge and that the signature below, whether original, electronic, or photocopied, is authorized and valid, and is affixed with the intent to be enforceable. I understand that it is my responsibility, as the well owner, to notify the Antelope Valley Watermaster of any changes in the purpose or pumping capacity of this well, from which, is indicated on this application. I also understand that additional information may be required if there is a suspected potential for a material injury as defined in the Judgment. If this well is a monitoring well, I agree to provide the Watermaster with all publicly available monitoring data.

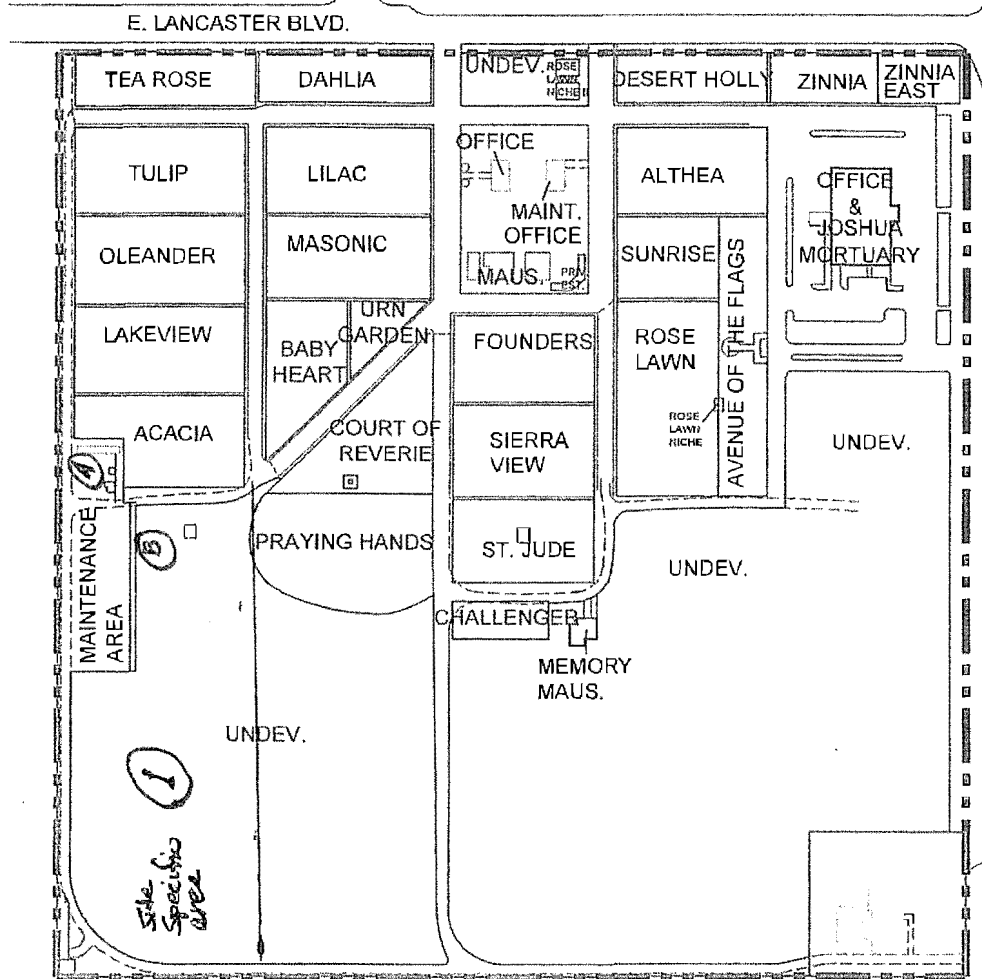
Signature of Property Owner/Well Owner [Signature] Date 6/7/19  
 Signature of Well Driller [Signature] Date 6/5/19  
 Signature of Consultant/Agent \_\_\_\_\_ Date \_\_\_\_\_

**To be completed by the Watermaster:**

Watermaster Staff Approval \_\_\_\_\_ Date \_\_\_\_\_

Watermaster Board Approval \_\_\_\_\_ Date \_\_\_\_\_

This application is not for a well construction permit; a completed and approved application must be submitted to the appropriate well permitting agency (e.g., Kern or Los Angeles Counties) for a well construction permit, if the well is to be installed within the Antelope Valley Adjudicated Area.



GARDEN NAME	GARDEN AREA	
	SQ FT	ACRES
TEA ROSE	19,745.31	0.4533
TULIP	29,026.40	0.6684
OLEANDER	29,026.40	0.6684
LAKEVIEW	29,026.40	0.6684
ACACIA	28,510.71	0.6589
MAINTENANCE AREA	19,145.40	0.4395
PRAYING HANDS	39,224.97	0.9005
COURT OF REVERIE	28,471.71	0.6538
BABY HEART	19,270.01	0.4424
URN GARDEN	5,070.26	0.1371
MASONIC	25,869.10	0.5969
LILAC	27,878.55	0.6400
DAHLIA	17,383.10	0.3981
DEVELOPED 1	42,488.27	0.9749
FOUNDERS	24,543.45	0.5634
SIERRA VIEW	20,179.00	0.0010
ST. JUDE	23,452.03	0.5384
CHALLENGER	7,370.40	0.1692
ROSE LAWN	39,732.30	0.9121
SUNRISE	10,287.91	0.2339
ALTHEA	25,795.65	0.5922
DESERT HOLLY	15,332.28	0.3520
ZINNIA	11,375.10	0.2595
AVENUE OF THE FLAGS	26,935.98	0.6184
OFFICE & JOSHUA MORTUARY	11,593.49	0.2661
ZINNIA EAST	8,350.47	0.1918
MEMORY MAUS.	1,267.43	0.0291
TOTAL	597,178.23	13.7093

	SQ FT	ACRES
DEVELOPED	597,178.23	13.7093
UNDEVELOPED 1	274,077.20	0.9910
UNDEVELOPED 2	426,588.40	9.7931
UNDEVELOPED 3	13,826.88	0.3174
TOTAL	1,311,670.79	30.1118

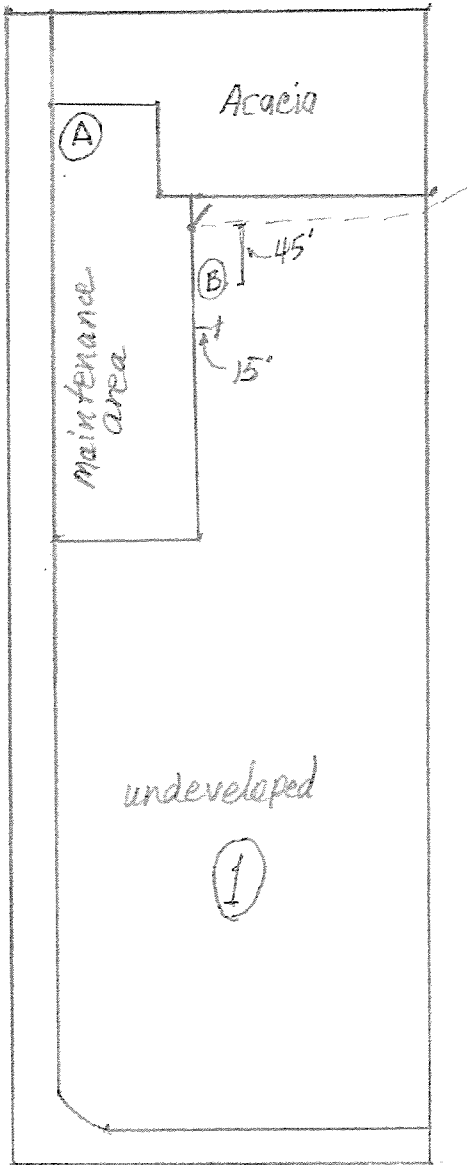


# Joshua Memorial Park & Mortuary

808 East Lancaster Boulevard Lancaster, CA 93535  
Telephone (661)942-8125 - Fax (661)942-8164

Loc #0789

JOSHUA MEMORIAL  
PARK & MORTUARY  
808 East Lancaster Blvd.

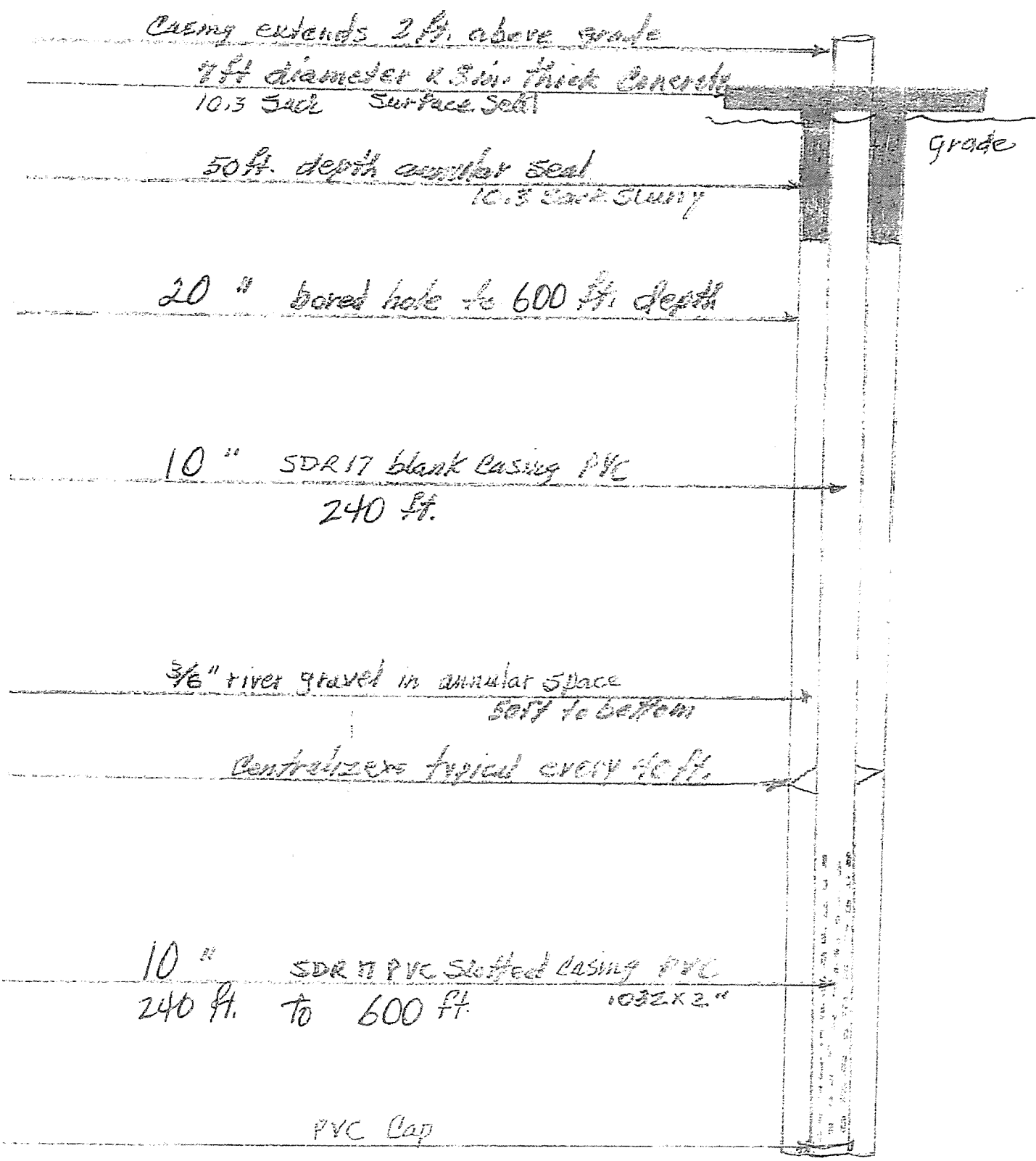


① Site Specific Area

(A) old well  
34.69476  
118.11564

(B) New proposed well  
34.69479  
118.11666

NOTE: maintenance area  
buildings are on Lancaster  
City Sewage System.



Bryant Pump and Drilling  
 P.O. Box 1375,  
 1265 Sierra Hwy.  
 Reservoir, Ca 95560  
 email bryants h2o@u @ yahoo.com  
 (415) 251-4117