

Your Guide to

**Net Energy** 

Metering and the Billing Process



## Overview

This guide will walk you through several topics, including:

# Liberty Utilities

## • Net Energy Metering Basics:

The difference in the amount of energy you produce and the energy you consume.

## • Net Energy Usage Measurement:

Net Energy Usage is measured by the Bi-Directional meter at your home.

### • New Monthly Liberty Utilities Statement:

Helpful information about your monthly net energy usage and associated costs.

### Net Surplus Compensation:

A payment you may be eligible for if you generate more energy than you use during the 12-month billing period.



# Net Energy Metering Basics

You are enrolled in the Net Energy Metering (NEM) Program. Understanding your energy statement allows you to use the information this program provides as an energy management tool.

All Liberty Utilities renewable customers with systems of 1,000kW or less and with appropriately sized systems are eligible for NEM. And the idea is simple: Electricity generated by your system, first and foremost, is used to provide energy for your home. (Systems are intended to offset all or a portion of the customer's own energy use and are not intended to be net generators.)

This offsets the amount of electricity that needs to be provided by Liberty Utilities, and any electricity that you don't consume is exported to the grid. When your system is not generating energy (for example, at night) or it does not generate enough electricity to meet your energy needs, the shortfall is supplied by Liberty Utilities.

How Net Energy Usage is measured





**Net energy usage** is measured by the Bidirectional meter at your home. Some months, you may use more energy than you system generates, which results in a charge. Other months, your system may produce more energy than you consume and you'll bank the excess kWh in Accumulated.

Finally, NEM customers are normally on a 12-month billing cycle that results in what's known as True-Up. Throughout the year, charges are offset by your credits. In the event that the amount of electricity generated is greater than the amount of electricity delivered, the customer will be paid at the applicable Surplus Compensation Rate. The minimum threshold for monetary payment is \$25. Amounts less than \$25 will be carried over to the next 12 month period.

## Your new monthly Liberty Utilities Statement



California Pacific Electric Co 933 Eloise Ave South Lake Tahoe, CA 96150

Visit our website at www.libertyutilities.com

CUSTOMER SERVICE & EMERGENCY SERVICE: (800) 782-2506

JANE DOE
123 MAIN ST
ANYTOWN, CA 12345

#### **Statement**

ACCOUNT INFORMATION	
Account Number:	88500000-8810000
Premise Number:	8850000
Statement #:	376623
Bill Date:	03/14/201
Past Due Date:	04/02/201
Service Address: 123 MAIN S ANYTOWN,	

## Monitoring success: Your Net Energy Metering Statement

SPECIAL MESSAGE Liberty Utilities is pleased to once again offer high school and col scholarship coordinator to obtain an application. Look for our boo

Liberty Utilities is pleased to once again offer high school and community college scholarships for students in our service territory. Seniors can visit their school scholarship coordinator to obtain an application. Look for our booth at the NLT Earth Day at Squaw Valley on April 21 and SLT Earth Day at Bijou Park on April 28.

METER NUMBER	RATE CODE	NUM DAYS	SERVICE DATES	PREVIOUS READ	CURRENT READ	kWh USAGE	DEMAND USAGE	MULT	KVAR
23456	E02	29	02/05/2018 - 03/06/2018	638	1294	656		1	
ABC123		29	02/05/2018 - 03/06/2018	268	540	272		1	
ANNUAL	LCONSUM	PTION	COMPARISON		AC	COUNT ACTI	VITY		
Prev	vious Year	C	urrent Year	Base U	sage 503.00	kWh			
				Previou	is Balance				72.7
900				Metere	d received	153.00			
700	-			Payme	nt				-72.7
soo			┝┥┫┥┫╌╗┥╆┥╶╽╴	Custon	ier Charge				8.5
ž 400	- III				nia Surcharge				0.1
200	- II-Bert	u de la companya de la		CPUC	Surcharge				0.2
200		HH		Distrib	ution Charge				33.6
100		HH			Purpose Program				1.0
				Energy	Cost Adj Clause	(ECAC)			17.0
	H J A	s 0	NDJFW		tion Charge				3.8
				ECAC	Amortization				-1.5
				Vegeta	tion Management	Charge			2.1
				Carbon	Pollution Permit	Cost			2.0
				Solar I	nitiative Program	(SIP)			0.3
				Catastr	ophic Event Men	norandum Acco	ount (CEMA)		0.8
				Genera	l Rate Case Men	iorandum Acco	unt		2.3
				Total C	urrent Charges D	ue 04/02/2018			71.8
				Total A	mount Due				71.8

Your Liberty Utilities Net Energy Metering Statement is a useful tool to help you understand your current energy use. It provides a monthly snapshot of your accumulated credits (if applicable) and total net energy amount.



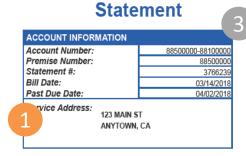
Service Address – Clearly indicates where your charges were incurred. Some customers receive Liberty Utilities service at multiple locations, such as a home and rental property.



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METER RATE NUM SERVICE		URRENT	kWh	DEMAND	MULT	KVAR
NUMBER CODE DAYS DATES	READ	READ	USAGE	USAGE		
3456 E02 29 02/05/2018 - 03/06/2018	638	1294	656		1	
BC123 29 02/05/2018 - 03/06/2018	268	540	272		1	
ANNUAL CONSUMPTION COMPARISON		AC	COUNT ACTI	VITY		
Previous Year Current Year	Energy Cos Generation ECAC Amo Vegetation Carbon Pol Solar Initia Catastrophi General Ra Total Curre	<ul> <li>503.00</li> <li>alance</li> <li>ceived</li> <li>Charge</li> <li>Surcharge</li> <li>harge</li> <li>a Charge</li> <li>oose Program</li> <li>t Adj Clause</li> <li>Charge</li> <li>ortization</li> <li>Management</li> <li>lution Permititive Program</li> <li>c Event Men</li> <li>te Case Men</li> <li>nt Charges E</li> </ul>	kWh 153.00 s (PPP) (ECAC) : Charge : Cost	ount (CEMA) unt		72.70 -72.70 8.50 0.15 0.23 33.61 1.63 17.65 3.87 -1.58 2.19 2.00 0.31 0.88 2.36 71.80
	Total Amou	int Due				71.80

Summary of NEM Charges – In the meter box above is how much electricity Liberty Utilities delivered to you during the service dates provided. The second line is your Generation meter (how much electricity you have generated) during the service dates provided. The Account Activity box is where you will find your Previous Accumulated balance (if any), NEM received (if any) -"Metered received" and the New Accumulated balance (if any).

Liberty Utilities Statement ACCOUNT INFORMATION California Pacific Electric Co 933 Eloise Ave Account Number: 88500000-88100000 South Lake Tahoe, CA 96150 Premise Number: 8850000 Statement #: 376623 Visit our website at www.libertyutilities.com Bill Date: 03/14/201 Past Due Date: 04/02/201 CUSTOMER SERVICE & EMERGENCY SERVICE: (800) 782-2506 Service Address: 123 MAIN ST ANYTOWN, CA JANE DOE 123 MAIN ST ANYTOWN, CA 12345

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METER NUMBER	RATE CODE	NUM DAYS	SERVICE DATES	PREVIOUS READ	CURRENT READ	kWh USAGE	DEMAND USAGE	MULT	KVAF
123456 5ABC123	E02	29 29	02/05/2018 - 03/06/2018 02/05/2018 - 03/06/2018	638 268	1294 540	656 272		1 1	
ANNUAL	CONSUM	PTION	COMPARISON		AC	COUNT ACTI	/ITY		
Prev	ious Year	C	urrent Year		sage 503.00 s Balance 1 received	153.00			72.
700	-			Paymen	recertes	155.00			-72
500					er Charge nia Surcharge				8 0
		b-l∎-l			Surcharge				0
200					tion Charge	(777)			33
100		НH			Purpose Progran Cost Adj Clause				1 17
	J A	5 O			ion Charge	(LCAC)			3
					Amortization				-1
					ion Managemen				2
ctricity d	alivar	od t	o you by LU		Pollution Permi				2
					itiative Program				0
nus Mete	r Rece	eived	(electricity			morandum Accou norandum Accou			2
norated		1.200	sent back	General	Rate Case Mer	noranoum Accou	ш		2
				Total Ci	urrent Charges I	Due 04/02/2018			71
the grid =	Base	Usa	ge (amount		nount Due				71
f electrici	ty you	ı are	billed for)						

## 3

Account Information— Your account number and due date are at the top of the page. It's good to have this information handy if you need to call us about your energy use.

#### **Liberty Utilities Statement** ACCOUNT INFORMATION California Pacific Electric Co 933 Eloise Ave Account Number: 88500000-88100000 South Lake Tahoe, CA 96150 Premise Number: 88500000 Statement #: 3766239 Visit our website at www.libertyutilities.com Bill Date: 03/14/2018 Past Due Date: 04/02/2018 CUSTOMER SERVICE & EMERGENCY SERVICE: (800) 782-2506 Service Address: 123 MAIN ST ANYTOWN, CA JANE DOE 123 MAIN ST ANYTOWN, CA 12345 SPECIAL MESSAGE Liberty Utilities is pleased to once again offer high school and community college scholarships for students in our service territory. Seniors can visit their school scholarship coordinator to obtain an application. Look for our booth at the NLT Earth Day at Squaw Valley on April 21 and SLT Earth Day at Bijou Park on April METER RATE NUM PREVIOUS kWh DEMAND MULT KVAF NUMBER CODE DAYS DATES READ READ USAGE USAGE 123456 E02 29 02/05/2018 - 03/06/2018 638 1294 656 1

5ABC123 29 02/05/2018 - 03/06/201	118 268 540 272 1
ANNUAL CONSUMPTION COMPARISON	ACCOUNT ACTIVITY
Previous Year Current Year	Base Usage 503.00 kWh
900	Previous Balance 72.7
	Metered received 153.00 Payment -72.7
00	Customer Charge 8.5
± 400	California Surcharge 0.1
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20	
100	
	5
	General Rate Case Memorandum Account 2.3
	ACCOUNT ACTIVITY         Current Year       Base Usage 503.00 kWh         Previous Balance       7.         Metered received       153.00         Payment       -7.         Customer Charge       2.         CPUC Surcharge       2.         Distribution Charge       3.         Public Purpose Programs (PPP)       2.         Energy Cost Adj Clause (ECAC)       1.         Generation Charge       2.         Catstor Pollution Permit Cost       2.         Solar Initiative Program (SIP)       2.         Catastrophic Event Memorandum Account (CEMA)       2.

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### **Questions About Your Bill?** – If

you have any questions, feel free to contact us using the information found here.

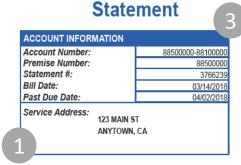
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NUMBER CODE D	NUM SERVICE DAYS DATES 29 02/05/2018 - 03/06/2018	PREVIOUS READ 638	CURRENT READ 1294	kWh USAGE 656	DEMAND USAGE	MULT	KVAR
5ABC123	29 02/05/2018 - 03/06/2018	268	540	272		1	
ANNUAL CONSUMPT	ION COMPARISON		AC	COUNT ACTI	VITY		
Previous Year	Current Year	2 Meterer Paymer Custom Californ CPUC : Distribu Public I Energy General ECAC / Vegetat Carbon Solar Ir Catastrr General	sage 503.00 is Balance d received it er Charge nia Surcharge Surcharge Purpose Program Cost Adj Clause tion Charge Amortization ion Management Pollution Permit itiative Program ophic Event Men I Rate Case Men	kWh 153.00 s (PPP) (ECAC) : Charge : Cost (SIP) iorandum Accor iorandum Accor	unt (CEMA) unt		72.70 -72.70 0.15 0.23 33.61 1.63 17.65 3.87 -1.58 2.19 2.00 0.31 0.88 2.36
			urrent Charges D mount Due	ue 04/02/2018			71.80 71.80

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Your Net Energy Metering (NEM) Account Summary W/kWh Received CR (Meter received) & Accumulated (banked) Balance – This section provides an overview of your account activity, summary of charges and your account balance.

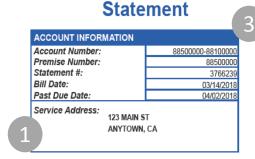
\*\*Note – if you have not generated more than you have used, or you do not have any Accumulated, you will not see these lines on your statement.



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5ABC123	29	02/05/2018 - 03/06/2018	268	540	272		1	
ANNUAL CONSUM	IPTION (	COMPARISON		AC	COUNT ACTI	VITY		
Previous Year		urrent Year	2 Cu Ca CP Dis Put En Ge EC Veg Ca Sol Ca Ge	ee Usage 503.00 vious Balance tered received ment stomer Charge ifornia Surcharge UC Surcharge UC Surcharge tribution Charge blic Purpose Program regy Cost Adj Clause neration Charge AC Amortization getation Managemen toon Pollution Permi ar Initiative Program astrophic Event Mer neral Rate Case Mer	153.00 Is (PPP) (ECAC) t Charge t Cost t (SIP) norandum Acco norandum Acco	unt		72.7 -72.7 8.5 0.1 0.2 33.6 1.6 17.6 3.8 -1.5 2.1 2.0 0.3 0.8 2.3
				al Current Charges I al Amount Due	Jue 04/02/2018			71.8 71.8





## WE'RE HERE TO **HELP**

Thank you for choosing renewable energy. We'd be delighted to answer any of your questions or help in any other way we can. Call 1-800-782-2506 from 8 a.m. - 5 p.m., Monday through Friday and ask to speak to the Net Metering Administrator or call 530-543-5216 directly from 7 a.m. - 4 p.m., Monday - Friday to talk.

