

Understanding your Utility Bill with Community Solar

PACIFIC POWER CUSTOMERS

Overview

Every month, solar power is generated by the project connected to your solar subscription. The amount of solar energy produced directly results in discounts to your monthly utility bill. This document explains how community solar interacts with your utility bill.

Before We Begin

To better understand your utility bill, it helps to understand how electricity consumption is measured and the charges based on that consumption.

1. How Electricity Consumption is Measured

Every time you turn on a light bulb or plug in a device in your home, you are consuming electricity. The rate of power a device uses when it is turned on (or plugged in) is measured in watts (W) or kilowatts (kW). 1000 W = 1 kW. The rate of power a device consumes over time is measured in kilowatt-hours (kWh).

A couple examples:



$$\begin{array}{r} 100W \\ \times \\ 10 \text{ hours} \\ \hline = 1 \text{ kWh} \end{array}$$

A single 100W light bulb that stays on for 10 hours is equal to **1 kWh**.

If it stays on for 20 hours, it will use **2 kWh**.



$$\begin{array}{r} 1 \text{ kW} \\ \times \\ 1 \text{ hour} \\ \hline = 1 \text{ kWh} \end{array}$$

A washing machine that uses 1000W or 1 kW of power and stays on for a 1-hour cycle will consume **1 kWh** of energy.

2. How Your Bill Relates to Electricity Consumption

Your utility bill depends on a number of factors, including your electricity rate plan (examples include time of use (TOU) rate, fixed rate, or tiered rate), along with fees, taxes, and adjustments specific to your utility company and geographical location. The simplest way to calculate your monthly utility bill is to understand that the charges and fees you pay are largely based on the electricity you consume in a given month (kWh) multiplied by a per-kWh(\$/kWh) rate determined by your utility company.

Your Utility Bill + Community Solar

The following section will help you understand your bill as it exists now and changes that will impact your bill upon signing up for community solar. Use the sample bill provided by your utility company to help follow along.

Sections of Utility Bill (View full bill sample on pages 3–4)

1. Normal utility bill charges

These costs are based on your electricity consumption, taxes, fees, and adjustments—not solar energy production! After signing up for community solar, you will continue to be billed for the amount of electricity you consume every month per its normal schedule.

2. Bill Credits

These are monthly discounts that accrue based on the amount of solar energy (kWh) produced through your solar subscription. Bill credits are applied according to a per-kWh rate (\$/kWh) determined by your utility company. Rates can be found in the table below.

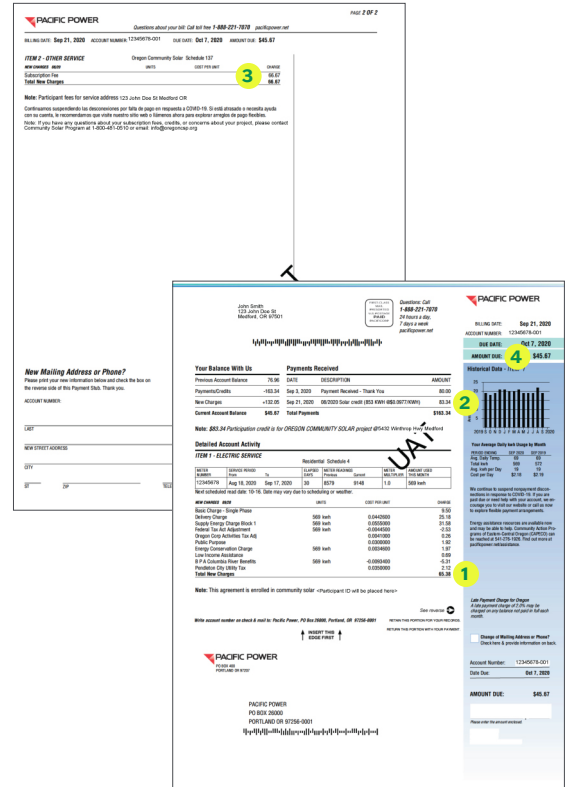
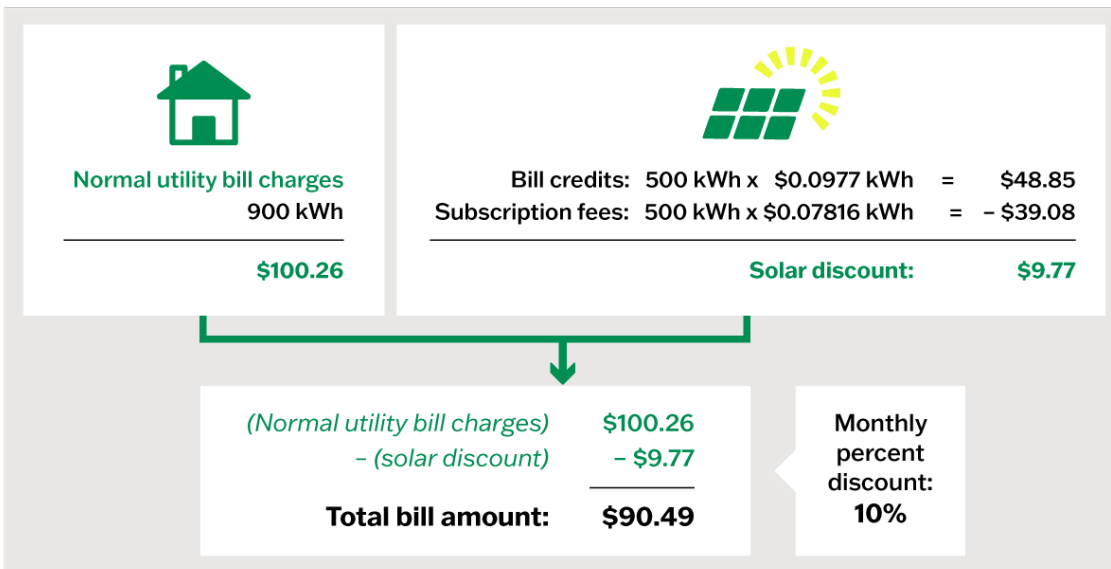
Rates (\$/kWh)	Portland General Electric	Pacific Power	Idaho Power
Bill Credit Rate	\$0.11234	\$0.0977	\$0.0848
Subscription Fee Rate	\$0.08987	\$0.07816	\$0.06784

3. Subscription Fees

Monthly fees that accrue based on the amount of solar energy (kWh) produced through your solar subscription. Subscription fees are applied according to a per-kWh rate (\$/kWh) determined by your Project Manager but are always lower than your bill credit rate.¹ In general, subscription fees are calculated at 80% of your bill credit rate. The 20% difference between bill credits and subscription fees accounts for your monthly discount! Rates can be found in the table above.

4. Total Utility Bill

Your total electricity bill is calculated by subtracting your solar discounts from your electricity costs. Here is an example:



¹ Some projects offer greater discounts. Special circumstances apply for projects involving subsidized housing participants.

Sample Pacific Power Utility Bill – front

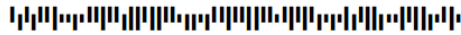
John Smith
123 John Doe St
Medford, OR 97501



Questions: Call
1-888-221-7070
24 hours a day,
7 days a week
pacificpower.net



BILLING DATE: **Sep 21, 2020**
ACCOUNT NUMBER: 12345678-001



DUE DATE: **Oct 7, 2020**

AMOUNT DUE: **\$45.67**

4

Your Balance With Us

Previous Account Balance	76.96
Payments/Credits	-163.34
New Charges	+132.05
Current Account Balance	\$45.67

Payments Received

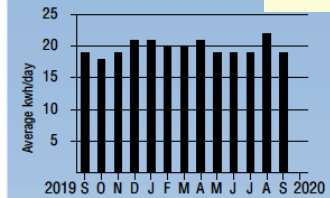
DATE	DESCRIPTION	AMOUNT
Sep 3, 2020	Payment Received - Thank You	80.00
Sep 21, 2020	08/2020 Solar credit (853 KWH @\$0.0977/KWH)	83.34
Total Payments		\$163.34

Bill credits 2

Note: \$83.34 Participation credit is for OREGON COMMUNITY SOLAR project @5432 Winthrop Hwy Medford

Historical Data - ITEM 1

Total utility bill



Your Average Daily kwh Usage by Month

PERIOD ENDING	SEP 2020	SEP 2019
Avg. Daily Temp.	69	69
Total kwh	569	572
Avg. kwh per Day	19	19
Cost per Day	\$2.18	\$2.19

We continue to suspend nonpayment disconnections in response to COVID-19. If you are past due or need help with your account, we encourage you to visit our website or call us now to explore flexible payment arrangements.

Energy assistance resources are available now and may be able to help. Community Action Programs of Eastern-Central Oregon (CAPECO) can be reached at 541-276-1926. Find out more at pacificpower.net/assistance.

Detailed Account Activity

ITEM 1 - ELECTRIC SERVICE

Residential Schedule 4

METER NUMBER	SERVICE PERIOD		ELAPSED DAYS	METER READINGS		METER MULTIPLIER	AMOUNT USED THIS MONTH
	From	To		Previous	Current		
12345678	Aug 18, 2020	Sep 17, 2020	30	8579	9148	1.0	569 kwh

Next scheduled read date: 10-16. Date may vary due to scheduling or weather.

NEW CHARGES 09/20	UNITS	COST PER UNIT	CHARGE
Basic Charge - Single Phase			9.50
Delivery Charge	569 kwh	0.0442600	25.18
Supply Energy Charge Block 1	569 kwh	0.0555000	31.58
Federal Tax Act Adjustment	569 kwh	-0.0044500	-2.53
Oregon Corp Activities Tax Adj		0.0041000	0.26
Public Purpose		0.0300000	1.92
Energy Conservation Charge	569 kwh	0.0034600	1.97
Low Income Assistance			0.69
B P A Columbia River Benefits	569 kwh	-0.0093400	-5.31
Pendleton City Utility Tax		0.0350000	2.12
Total New Charges			65.38

Note: This agreement is enrolled in community solar <Participant ID will be placed here>

1
Normal utility bill charges

Write account number on check & mail to: Pacific Power, PO Box 26000, Portland, OR 97256-0001

RETAIN THIS
RETURN THIS PORTION WITH YOUR PAYMENT.



PACIFIC POWER
PO BOX 26000
PORTLAND OR 97256-0001



Change of Mailing Address or Phone?
Check here & provide information on back.

Account Number: 12345678-001

Date Due: **Oct 7, 2020**

AMOUNT DUE: **\$45.67**

Please enter the amount enclosed.



Questions about your bill: Call toll free 1-888-221-7070 pacificpower.net

BILLING DATE: Sep 21, 2020 ACCOUNT NUMBER: 12345678-001 DUE DATE: Oct 7, 2020 AMOUNT DUE: \$45.67

ITEM 2 - OTHER SERVICE

Oregon Community Solar Schedule 137

NEW CHARGES 08/20	UNITS	COST PER UNIT	CHARGE
Subscription Fee			66.67
Total New Charges			66.67

3 Subscription fees

Note: Participant fees for service address 123 John Doe St Medford OR

Continuamos suspendiendo las desconexiones por falta de pago en respuesta a COVID-19. Si está atrasado o necesita ayuda con su cuenta, le recomendamos que visite nuestro sitio web o llámenos ahora para explorar arreglos de pago flexibles.

Note: If you have any questions about your subscription fees, credits, or concerns about your project, please contact Community Solar Program at 1-800-481-0510 or email: info@oregoncsp.org

WAT

New Mailing Address or Phone?

Please print your new information below and check the box on the reverse side of this Payment Stub. Thank you.

ACCOUNT NUMBER:

LAST FIRST M.I.

NEW STREET ADDRESS

CITY

ST ZIP TELEPHONE NUMBER

This product contains fiber from well-managed, independently certified forests.

Total Annual Discounts

Most participants of the Oregon Community Solar Program can expect to save between 10-15% on their electricity bills every year.² Your annual discount in dollars will depend on the size of your subscription. To learn more about how this works, please refer to our **solar savings** document.

We support you.

If you find that you need extra assistance, please feel free to reach out to us at:

CommunityEnergyProject.org
Community Solar Coordinator
971-544-8718
solar@communityenergyproject.org

² Percent savings vary according to your utility company.