

Understanding your Utility Bill with Community Solar

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 electricity bill. This document explains how community solar interacts with your bill.

Before We Begin

To better understand your 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).



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

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. Look at your electricity bill to see a breakdown of your electricity costs.

Your Utility Bill + Community Solar

The following section will help you understand your bill as it exists now and changes that will be added once you sign 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.

	Portland General Electric	Pacific Power	Idaho Power
Bill Credit Rate	\$0.11234	\$0.0977	\$0.0848

*These rates are based on the 2020 Interim Offering and are constant for the life of the project

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.


4. Program Fees

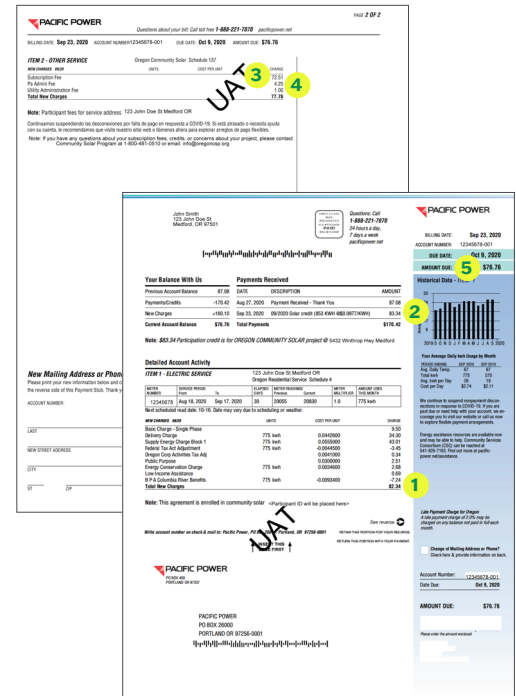
Monthly fees that reflect the administration costs of the Oregon Community Solar Program (\$/kW-AC per month). Some Project Managers may choose to pay these fees on behalf of subscribers, and therefore the subscriber would not pay them directly (but instead the cost of these fees would be included in the customer's subscription fees). Fees may be updated on an annual basis by a process overseen by the Oregon Public Utility Commission.

All fees paid on a \$/kW-month basis	Portland General Electric	Pacific Power	Idaho Power
Program Administrator Fee	\$0.85	\$0.85	\$0.85
Utility Fee	\$0.11	\$0.20	\$0.48
Total Program Fee	\$0.96	\$1.05	\$1.33

5. Total Utility Bill

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

Normal utility bill charges:	Community Solar charges and credits:
 \$111.79	<p> Bill credits: 500 kWh x \$0.0977 kWh = \$48.85 Subscription fees: 500 kWh x \$0.087 kWh = – \$43.50 Program fee: 3 kW x \$1.05 = – \$3.15 </p> <hr/> <p> Solar discount: \$2.20 </p>
<div> <div>(Normal utility bill charges)</div> <div>\$111.79</div> </div> <div> <div>– (solar discount)</div> <div>– \$2.20</div> </div> <hr/> <div> <div>Total bill amount:</div> <div>\$109.59</div> </div>	



Sample Pacific Power Utility Bill, front

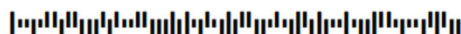
John Smith
123 John Doe St
Medford, OR 97501



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



BILLING DATE: **Sep 23, 2020**
ACCOUNT NUMBER: 12345678-001



DUE DATE: **Oct 9, 2020**
AMOUNT DUE: **\$76.76**

Your Balance With Us

Previous Account Balance	87.08
Payments/Credits	-170.42
New Charges	+160.10
Current Account Balance	\$76.76

Payments Received

DATE	DESCRIPTION	AMOUNT
Aug 27, 2020	Payment Received - Thank You	87.08
Sep 23, 2020	09/2020 Solar credit (853 KWH @\$0.0977/KWH)	83.34
Total Payments		\$170.42

Bill credits 2

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

Detailed Account Activity

ITEM 1 - ELECTRIC SERVICE

123 John Doe St Medford OR
Oregon Residential Service Schedule 4

METER NUMBER	SERVICE PERIOD From To	ELAPSED DAYS	METER READINGS Previous Current	METER MULTIPLIER	AMOUNT USED THIS MONTH
12345678	Aug 18, 2020 Sep 17, 2020	30	20055 20830	1.0	775 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	775 kwh	0.0442600	34.30
Supply Energy Charge Block 1	775 kwh	0.0555000	43.01
Federal Tax Act Adjustment	775 kwh	-0.0044500	-3.45
Oregon Corp Activities Tax Adj		0.0041000	0.34
Public Purpose		0.0300000	2.51
Energy Conservation Charge	775 kwh	0.0034600	2.68
Low Income Assistance			0.69
B P A Columbia River Benefits	775 kwh	-0.0093400	-7.24
Total New Charges			82.34

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

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

RETAIN THIS

RETURN THIS PORTION WITH YOUR PAYMENT.

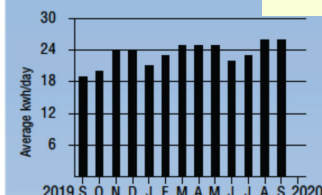


PACIFIC POWER
PO BOX 26000
PORTLAND OR 97256-0001



Historical Data - ITEM 1

Total utility bill 5



Your Average Daily kwh Usage by Month

PERIOD ENDING	SEP 2020	SEP 2019
Avg. Daily Temp.	67	67
Total kwh	775	570
Avg. kwh per Day	26	19
Cost per Day	\$2.74	\$2.11

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 Services Consortium (CSC) can be reached at 541-926-7163. Find out more at pacific-power.net/assistance.

Normal utility bill charges 1

Note: Late Payment Charge for Oregon
Late payment charge of 2.0% may be charged on any balance not paid in full each month.

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

Account Number: 12345678-001

Date Due: **Oct 9, 2020**

AMOUNT DUE: **\$76.76**

Please enter the amount enclosed.



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

BILLING DATE: **Sep 23, 2020** ACCOUNT NUMBER: 12345678-001 DUE DATE: **Oct 9, 2020** AMOUNT DUE: **\$76.76**

ITEM 2 - OTHER SERVICE

Oregon Community Solar Schedule 137

NEW CHARGES 09/20

UNITS

CHARGE

Subscription Fee		72.51
Pa Admin Fee		4.25
Utility Administration Fee		1.00
Total New Charges		77.76

3 Subscription fee

4 Program 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

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.

Sample Pacific Power Utility Bill, back – Administration fees included in subscription fee

PAGE 2 OF 2



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Oregon Community Solar Schedule 137

NEW CHARGES 09/20

UNITS

CHARGE

Subscription Fee

3 Subscription fee

77.76

Total New Charges

77.76

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CITY

ST

ZIP

TELEPHONE NUMBER

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

Total Savings

A customer's overall savings will depend on the subscription fees charged by their Project Manager and their subscription size. To learn more about how this works, please refer to the Oregon Community Program Bill Impact Calculator.

We support you.

If you have any questions, please feel free to reach out to us at:

OregonCSP.org

1-800-481-0510

info@oregoncsp.org