

OREGON COMMUNITY SOLAR



Neighborhood Power has developed several community solar farms in cooperation with PGE

**Daimler Trucks North
America Solar Farm**

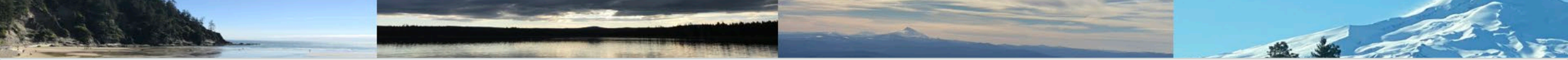


**Mount Hope
Community Solar Farm**



**Dunn Road
Community Solar Farm**





COMMUNITY SOLAR – WHY?

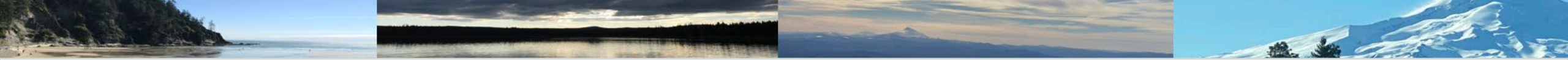
Community Solar Farms enable **all people** to enjoy the benefits of solar power.

Renters, Homeowners and Businesses

Community Solar Farms Help

- Homes and businesses without space for solar panels
- Non-profits and businesses that lease their space
- Apartment renters and homeowners
- Multi-family residences
- Multi-tenant businesses
- Organizations with sustainability goals

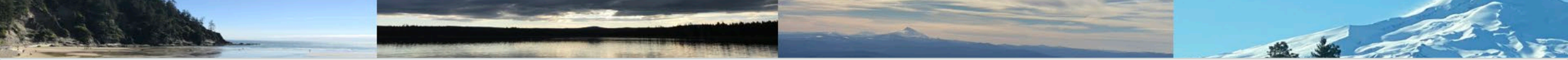




COMMUNITY SOLAR – KEY BENEFITS

- Reduction in electric costs, every year for 20 years
 - Commercial Businesses = up to 5%
 - Qualified Residential = up to 20%
- No solar panels on your business or home
- Supports clean energy in your community
- You own the Renewable Energy Credits
- No signup, transfer or cancel fees
- Transferrable if you move to another property within the PGE area





COMMUNITY SOLAR – CALCULATOR

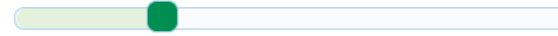
Estimate Your Savings with Our
[Online Calculator](https://neighborhoodpower.com/community-solar/)

<https://neighborhoodpower.com/community-solar/>



How Much Will You Save?

Average monthly electricity bill:



\$ 105

Utility

Portland General Electric

Estimate of Solar Energy You Will Get
from the Farm Annually:

8,718 kWh

You Could Save

\$46

Per Year

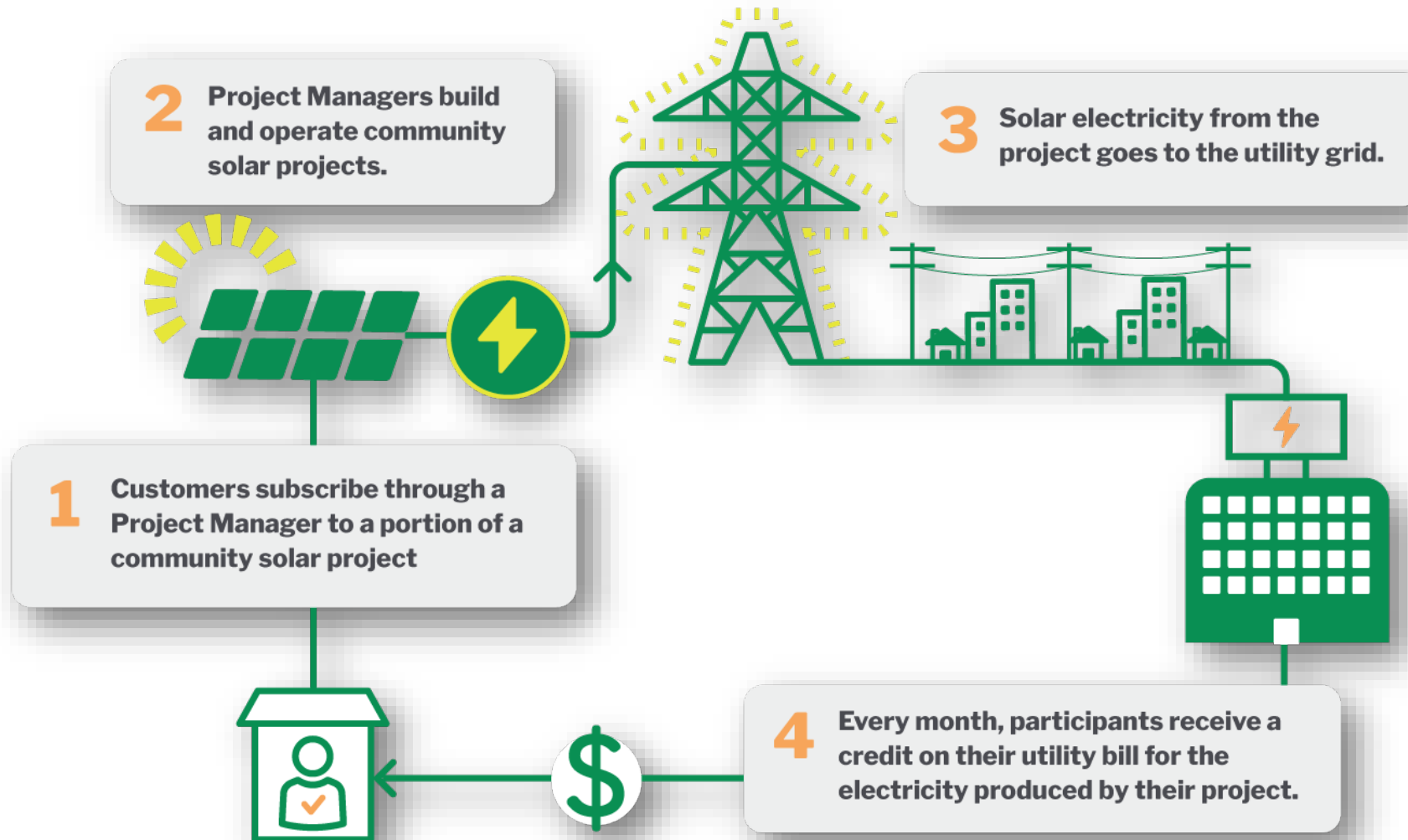
Equivalent to Planting

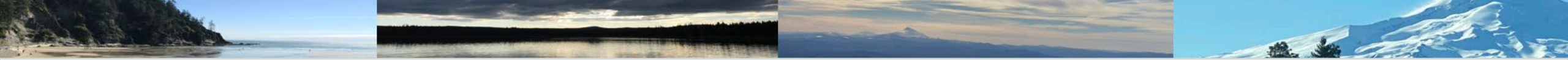
96 trees

...and Growing Them for 10 Years!

Note: This tool assumes 5% net savings for a typical solar farm participant. Savings will vary based on the solar farm's energy output and performance and weather.

COMMUNITY SOLAR – HOW IT WORKS

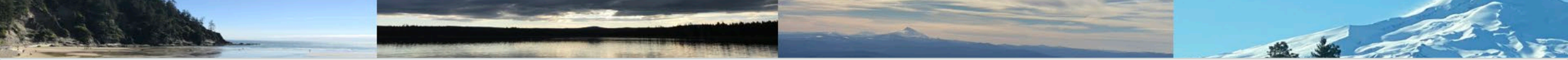




COMMUNITY SOLAR – ELIGIBILITY

- You must be a current Portland General Electric (PGE) customer.
- Any person or company who owns, rents, or leases an apartment, home or business.





COMMUNITY SOLAR – RESIDENTIAL EXAMPLE

Your Portion of the Solar Farm: 5.5kW-AC

Solar Energy Allocated to You: 11,240 kWh

Bill Credit Rate: 11.234/kWh

Solar Energy Rate: 10.114/kWh

Program Admin Fee: \$5.28/month

How Savings are Calculated

$\$0.11234 \times 11,240 =$ **\$1,263** Bill Credits

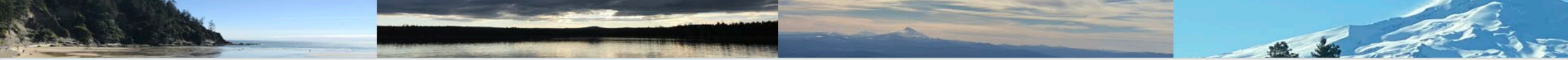
$\$0.10114 \times 11,240 =$ **(\$1,137)** Solar Fees

$\$5.28 \times 12 \text{ months} =$ **(\$ 66)** Program Fee

5% Savings = \$60 Year 1

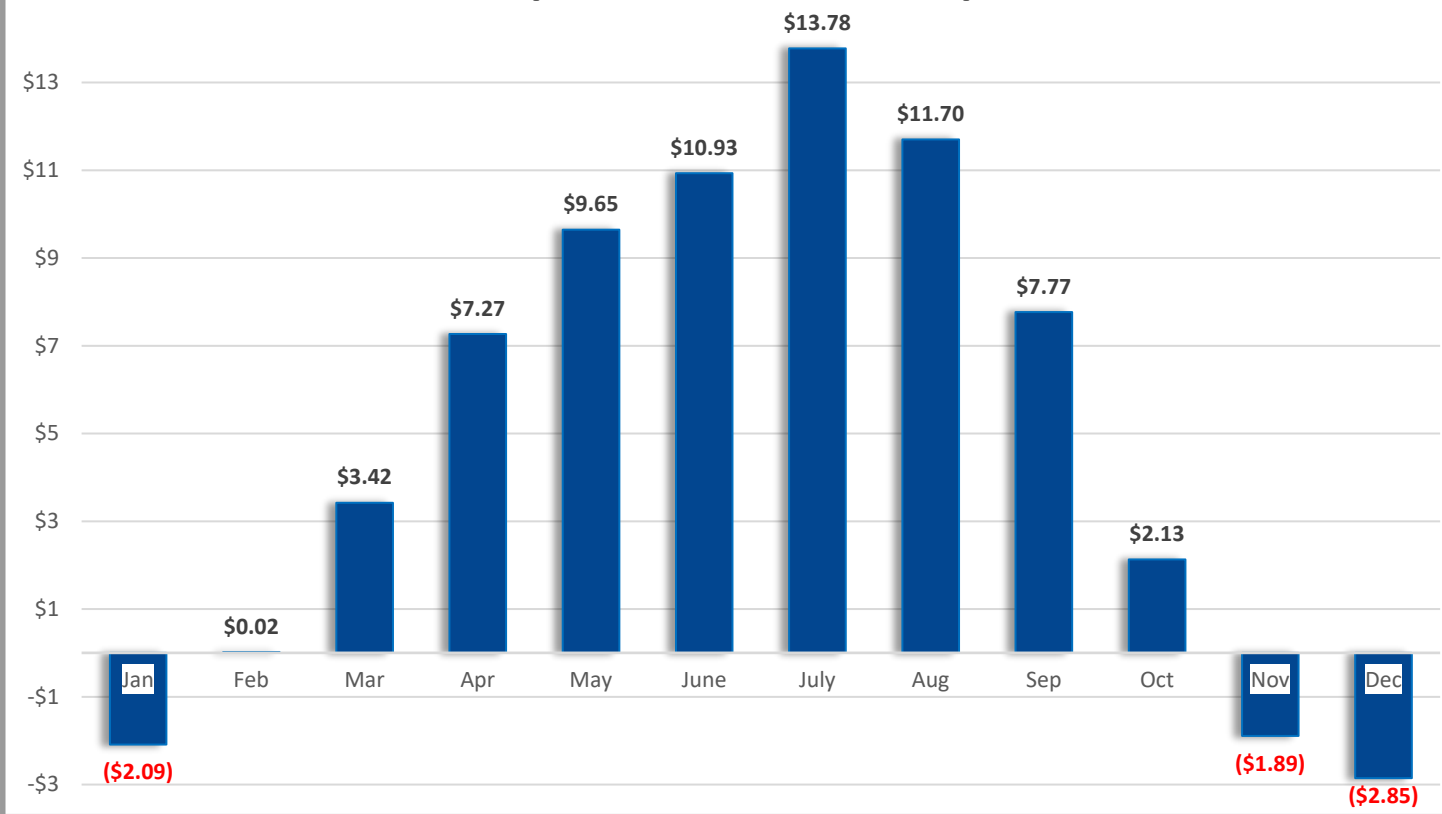
20 Year Cumulative Savings = \$1,200





COMMUNITY SOLAR – RESIDENTIAL MONTHLY SAVINGS

Example Residential Participant

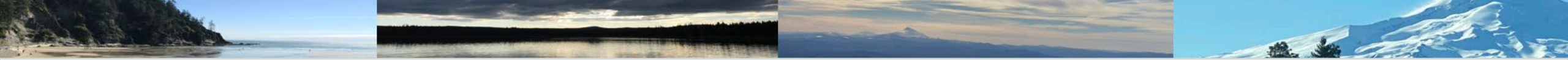


Total Savings Year 1 = \$60

Cumulative Savings 20 Yrs = \$1,200

*Sunny months will generate credits.
Winter months will not.*

The savings for each participant is the difference between your bill credits and your solar energy costs + program fees. Estimated savings will vary based upon individual consumption and solar farm output.



COMMUNITY SOLAR – INCOME QUALIFICATION

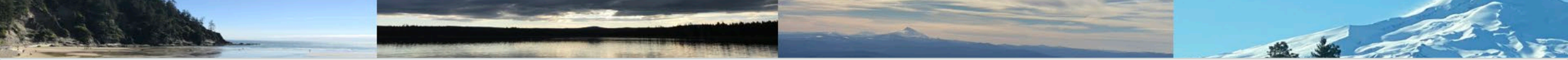


All People May Participate.
Some participants may qualify for higher savings.

To Qualify for the Highest 20% Savings...
your household size and gross household income must be less than shown

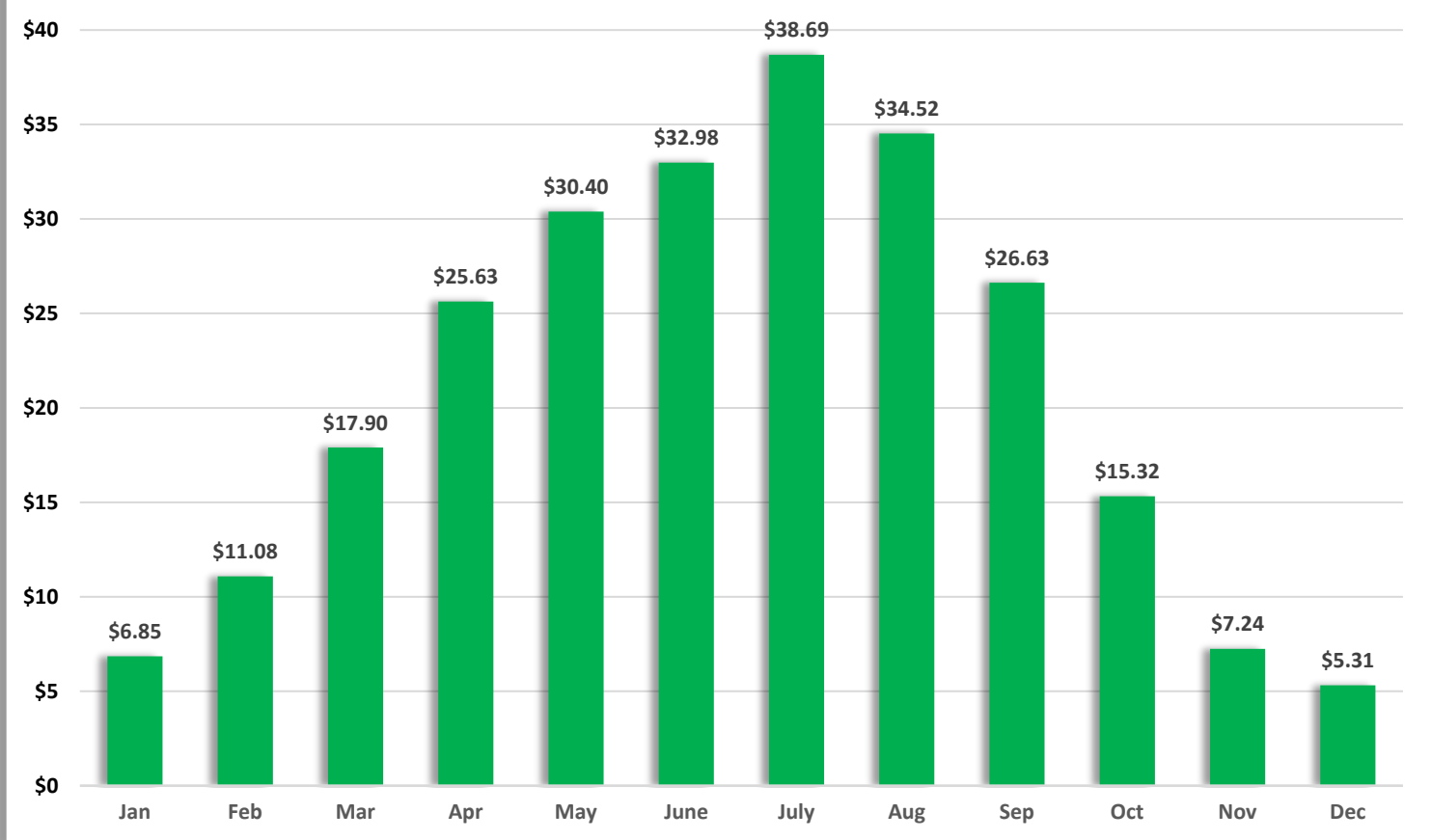
Household Size	Annual	Monthly
1	\$37,073	\$3,089
2	\$48,481	\$4,040
3	\$59,888	\$4,991
4	\$71,296	\$5,941
5	\$82,704	\$6,892
6	\$94,111	\$7,843
7	\$96,249	\$8,021
8	\$98,388	\$8,199
9	\$100,528	\$8,377
10	\$102,667	\$8,556
11	\$104,805	\$8,734
12	\$106,944	\$8,912

Effective October 1, 2020 to September 30, 2021.



COMMUNITY SOLAR – QUALIFIED INCOME SAVINGS EXAMPLE

Example Low-Income Participant - Monthly Savings



Your Portion of the Solar Farm: 5.5kW-AC
Solar Energy Allocated to You: 11,240 kWh
Bill Credit Rate: 11.234/kWh
Solar Energy Rate: 8.987/kWh

How Savings are Calculated

$$\begin{aligned} \$0.11234 \times 11,240 &= \$1,263 \text{ Bill Credits} \\ \$0.08987 \times 11,240 &= \$1,010 \text{ Solar Fees} \\ \hline 20\% \text{ Savings} &= \$253 \text{ Year 1} \end{aligned}$$

$$20 \text{ Year Cumulative Savings} = \$5,060$$

COMMUNITY SOLAR – SMALL COMMERCIAL EXAMPLE

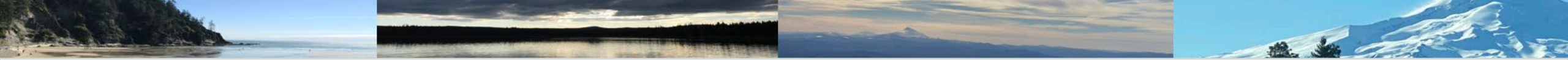


Your Portion of the Solar Farm: 30 kW-AC
Solar Energy Allocated to You: 57,710 kWh
Bill Credit Rate: 11.234 cents per kWh
Solar Energy Rate: 10.103 cents per kWh
Program Admin Fee: \$28.80 per month

How Savings are Calculated

$\$0.11234 \times 57,710 = \$6,483$ Bill Credits
 $\$0.10103 \times 57,710 = (\$5,830)$ Solar Fees
 $\$28.80 \times 12 \text{ months} = (\$346)$ Program Fee
5% Savings = **\$307** Year 1

20 Year Cumulative Savings = **\$5,522**



JOIN OUR COMMUNITY SOLAR FARM



**Scan to
Join**



Or [Click Here](#)



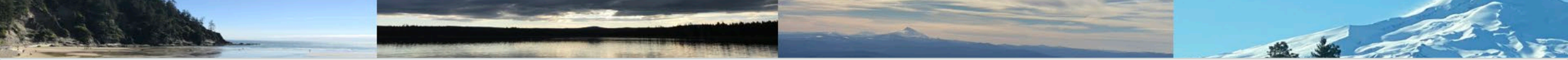
(866) 871 - 5423

OREGON OFFICE

One World Trade Center
121 SW Salmon Street Ste. 1100
Portland, Oregon 97204
Phone: (503) 305-9398

www.neighborhoodpower.com

This organization is operating under the Oregon Community Solar Program. The Oregon Community Solar Program is a state-enabled initiative overseen by the Oregon Public Utility Commission and implemented by Energy Solutions, The Energy Trust of Oregon, and Community Energy Project. The Program provides resources and certification for its Project Managers (PMs) but does not promote any individual PM or PM affiliated organization. For more information about the program, call 1-800-481-0510 or email info@oregoncsp.org



EXAMPLE BILL – WHERE WILL THE CREDITS BE?

Look at the **yellow highlighted** areas on the next 2 pages.

This is an example bill and shows how your subscription fees, program fee, and bill credits will appear on your monthly PGE bill.



(503)228-6322 or 1-800-542-8818
portlandgeneral.com

Service Address:
SOLAR SUBSCRIBER
875 MAIN ST NE
SALEM, OR 97301-7174

Cycle: 17

Account # 0097389700

Previous Amount Due	117.58
Balance Forward	0.00
Current Charges	102.24
Addl Charges/Credits	8.49 CR

AMOUNT DUE \$93.75
Due date for current bill 05/01/20

This month's charges (Turn over for details)

Meter # 21754689IN, Schedule 07

Energy Charges (796 kWh)	92.75
Adjustments	4.03
	96.78
Other Charges/Credits	0.42
Total Taxes and Fees	5.04
Current Energy Charges	102.24

Additional Charges/Credits 8.49 CR

Thank you for participating in Oregon's Community Solar Program. If you have questions about your subscription fees or credits, or a concern about your project, please contact **Community Solar Program at 800-481-0510 or email: info@oregoncsp.org.**

If you've already paid the balance forward amount, please subtract that from the total amount due when submitting your payment.

Your energy use

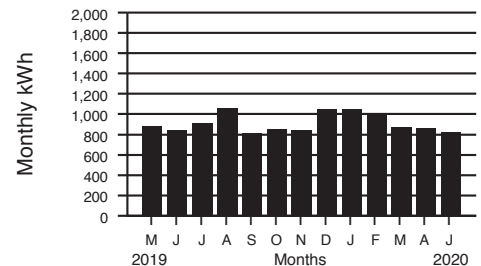
Meter # 21754689IN

Schedule 07

Service Period	Meter Reading
04/15/20	17900
03/15/20	17104
31 days of service	796 kWh

Period Ending	Avg Daily Temperature*	Monthly kWh	Monthly Cost
Apr 2020	67	856	112.46
Apr 2019	66	832	106.84

*Temperature source: Salem/McNary Field Airport



+

+

Please detach and return this portion with your payment.

P.O. Box 4438
Portland, OR 97208-4438

COMMSOLAR SUBSCRIBER
PO BOX 182555
SALEM OR 97301

17

0097389700

Account Number

Due Date: 05/01/20

Amount Due: 93.75

Questions? Call 1-800-542-8818 or
portlandgeneral.com

PGE

125100973800006000000002390000000002743101

Details of this month's charges

Meter # 21754689IN, Schedule 07

Basic Charge	11.00
Energy Use Charge (796.000 kWh x \$0.05842)	46.50
Transmission Charge (796.000 kWh x \$0.00206)	1.64
Distribution Charge (796.000 kWh x \$0.04222)	33.61
Subtotal - Energy Charges	92.75
105 Regulatory Adjustments (796.000 kWh x \$-0.00011)	0.09 CR
109 Energy Efficiency Funding Adj (796.000 kWh x \$0.00337)	2.68
110 Energy Efficiency Customer Svc (796.000 kWh x \$0.00008)	0.06
112 Customer Engagement Transformation Adjustment (796.000 kWh x \$0.00021)	0.17
123 Decoupling Adjustment (796.000 kWh x \$-0.00037)	0.29 CR
125 Annual Power Cost Update (796.000 kWh x \$0.0016)	1.27
132 Federal Tax Reform Credit (796.000 kWh x \$-0.00151)	1.20 CR
135 Demand Response (796.000 kWh x \$0.00107)	0.85
136 Community Solar Cost Recovery (796.000 kWh x \$0.00006)	0.05
137 Solar Payment Option Cost Recov (796.000 kWh x \$0.00044)	0.35
145 Boardman Decommissioning Adj (796.000 kWh x \$0.00022)	0.18
Subtotal - Adjusting Schedules	4.03
	96.78
Oregon Commercial Activities Tax Recovery (0.436%)	0.42
Subtotal - Other Charges/Credits	0.42
City of Salem Tax (1.5%)	1.45
Low Income Assistance	0.69
Public Purpose Charge (3%)	2.90
Subtotal - Taxes and Fees	5.04
Current Energy Charges	102.24

Community Solar Program

APR 2020 Subscription Fee	68.88
APR 2020 Total Administration Fees	4.08
APR 2020 Generation Credit (725 kWh x \$-0.11234)	81.45 CR

Additional Charges/Credits

8.49 CR

Need help? We're here for you

Online: portlandgeneral.com

Phone:

- **Customer Service:** 800-542-8818
- **Outages and downed lines:** 800-544-1795
- **Oregon Relay:** (deaf, hard-of-hearing, blind-deaf, speech-disabled): 711

Choose your way to pay

- **Online*:** portlandgeneral.com
- **On the PGE mobile app*** (download at your app store)
- **Automated phone system*:** 800-542-8818
- **By mail to:** (include bill stub)
P.O. Box 4438
Portland, OR 97208-4438
- **At Western Union or CheckFreePay locations**
(find nearby locations at portlandgeneral.com/payinperson)
*24-hour options

Paying by check? When you pay by check, PGE will convert your check to an electronic debit.

Late payment: A late payment charge of 2.1% may be applied to past-due bills. If you're struggling to pay your bill, call us at 800-542-8818, or visit portlandgeneral.com. Energy assistance may also be available by calling 211.

Fraud alert: Beware of calls, texts or people at your door demanding immediate payment. All PGE employees carry photo identification. Call us to check.

Adjustments: Approved by the Oregon Public Utility Commission, adjustments are separate from your basic energy charges and often change. For details, call customer service.

Public Purpose Charge: The Public Purpose Charge funds energy-efficiency and renewable power programs as well as energy conservation assistance to schools and low-income residents. Energy Trust of Oregon, Oregon Housing and Community Services Dept. and various education service districts administer the money.

Thank you. We appreciate your business.

Need to stop or move service? Go online to portlandgeneral.com/startstopmove or call us at 800-542-8818.

Update your mailing or email address online at portlandgeneral.com/myaccount or call us at 800-542-8818.

Get this bill online. Our Paperless Bill is simple, secure and sustainable. Sign up at portlandgeneral.com/paperless.

Join us to support Oregon Energy Fund, a statewide charitable organization that provides energy assistance to thousands of Oregonians in times of financial crisis. To give a neighbor a helping hand, visit OregonEnergyFund.org.

We partner with Energy Trust to help you save. We share some customer information with Energy Trust of Oregon, a nonprofit organization that helps Oregonians save energy. Energy Trust only uses this information to design, evaluate and improve service to customers. For details, visit portlandgeneral.com/datashare.

Oregon Community Solar Program Frequently Asked Questions (FAQs)

Q: How do I sign-up?

A: Signup here: <https://neighborhoodpower.com/community-solar-application/> It takes 3 minutes. Have a recent electric bill handy.

Q: How much I will save?

A: Check out the calculator here: <https://neighborhoodpower.com/community-solar/> to estimate your savings and environmental benefits.

Q: What are the key benefits?

A: Community solar farms allow all people to receive the benefits of solar power without installing solar panels on your property. You also reduce your electric bill annually by 0-20% for up to 20 years and can even transfer it to a new home or apartment when you move. Your participation also supports more renewable energy, local jobs, and clean air in our communities.

Q: How does a community solar farm work?

A: Community solar power is generated from a central solar farm near you and shared by multiple participants. Participants lease a portion of the farm. The energy generated from your portion of the farm is allocated to your PGE account each month.

Q: What if the solar farm is not producing power? Will I still get power to my home?

A: Yes. Any time the solar farm is not producing power, you will receive regular PGE power automatically with no interruption. This includes power at night, winter months when snow covers the solar panels, annual maintenance, or any other time the solar farm is not producing power.

Q: Will participating in a solar farm affect my electric service?

A: No. participation in a community solar farm does not affect your service from PGE. You will continue to receive normal uninterrupted service from PGE. Each month Neighborhood Power sends the solar electricity to PGE who then allocates it to your home or business account.

Q: I rent an apartment/condo/townhome, can I still participate?

A: Yes. Community solar farms are for everyone. Renters and homeowners alike.

Q: How can you just reduce my electric bill? What's the catch?

A: The Oregon Legislature set up the Oregon Community Solar Program to help bring more renewable energy to Oregon and allow all people to enjoy the benefits of solar energy without installing solar panels on your property. This state program is paid for already by you, and all PGE customers, through a surcharge on your monthly bill—see line 136 on your PGE bill as the Community Solar Cost Recovery surcharge. Only those people who join a community solar farm will get the benefits from this state sponsored program. Since you are already paying for it, why not join! 😊

Q: Is this a legitimate Oregon program?

A: Yes. The Oregon Legislature created the Oregon Community Solar Program as a state program overseen by the Oregon Public Utility Commission. If you have questions about the Program, you can call (800) 481-0510 or contact Community Solar Program at email info@oregoncsp.org

Q: How does Neighborhood Power make money off this?

A: Neighborhood Power receives the subscription fees to pay for the cost to build, operate and maintain the solar farm. Neighborhood Power is a registered Project Manager under the Oregon Community Solar Program and operates and maintains several solar farms.

Q: Whom do I pay every month?

A: You continue to pay your monthly PGE electric bill. There is no separate bill. Participants purchase solar energy and receive bill credits on your existing monthly PGE bill and account.

Q: What if there is an overall blackout? Will my home still get solar power?

A: No. The solar farm uses the PGE grid to transfer power from the solar farm to your home, so if the grid goes down, power to your home will go down too.

Q: What if I move to a new home or apartment?

A: You can transfer your participation in the community solar farm and continue your savings, to any new home or apartment for free, so long as it is within PGE's service area.

Q: What happens if I need to cancel?

A: If you move out of the area or need to cancel for any reason, you can do so by providing 90-day notice and you will revert to regular PGE service and rates. There is no fee to cancel anytime.

Q: Can I adjust the solar energy allocation I get?

A: Yes. You may request a re-sizing of your allocation in the solar farm. For example, you may want to adjust your allocation if you buy an electric car or move to a larger or smaller home and increase or decrease your electric consumption. There is no cost to re-size up or down; however, there may not be available capacity to increase your allocation in the farm; therefore, you will be put on a waitlist and your allocation will be adjusted when capacity becomes available.

Q: What should I do if I am already on green power?

A: PGE has both green power and community solar. You can do both at the same time. With your current green power, you pay a little extra to help support and build more sources of renewable energy such as wind, solar or hydro. With your community solar farm participation, you pay a little less for solar energy directly allocated to your home. You could opt out of the green power to lower your bill, or you can continue with your green power plan and participate in the community solar farm simultaneously.

Q: How do I know I am getting solar energy?

A: You will see the Community Solar Program section at the bottom of page 2 of your electric bill. Each month, the kilowatt hours generated by the solar farm that are allocated to your account will appear there. You will also see a note on page 1 of your bill thanking you for participating in community solar. This note appearing on your bill confirms you are registered in the program.

Q: What percentage of my energy use is solar?

A: The percentage of your energy from solar will vary month to month, depending on your own energy consumption such as how often you use electric appliances in your home, whether you are gone on vacation, how many people are in your household, and other personal factors. In addition, the farm's solar energy production will vary month to month based upon weather and sunlight availability.

Q: If I join the solar farm, do I get Renewable Energy Credits (RECs)?

A: Yes. The RECs associated with your participation in the solar farm are yours. You may sell, transfer or retire them—if you register them with an official broker. The RECs allow you to lawfully claim your home or business is powered by solar energy and allows you to make advertising and marketing claims about the use of solar energy in your operations, products and sustainability goals.

Q: Do the subscription fees or bill credits change over time?

A: No. Both the solar subscription fees and PGE bill credit rates are fixed for 20 years; however, the Oregon Public Utility Commission can adjust the program administration fee annually. This fee is typically \$2-5 per month for residential participants and up to \$30 per month for small businesses. It covers the cost to administer the Program. Some low-income participants are exempt from this fee.

Q: How do the savings work?

A: Both your bill credits and solar subscription fees for your solar energy are fixed for 20 years. Since your bill credits are higher than your solar subscription fees, you save money every year. The savings vary month to month, but typical participants save 0-20% annually.

Q: How is my electric bill affected?

A: Your solar energy purchases and bill credits will appear on page 2 of your PGE bill.

- 1) On page 1 of your electric bill, you will see 'Additional Charges/Credits' in the upper right area. Anything with a 'CR' next to it means 'Credit' and reduces your total bill.
- 2) On page 2 of your electric bill, you will see a new section called **Community Solar Program** and the following items:
 - **Subscription Fee** = the cost of solar energy you purchased for the prior month from the solar farm. The fee is fixed at **10.114 cents per kWh** for up to 20 years and is multiplied by your portion of kWh generated by the solar farm each month.
 - **Total Administration Fees** = a monthly fee set by the Public Utility Commission that covers the cost of administering the Community Solar Program. Typically, \$1-5 per month for residential participants and up to \$30 for small business participants. Some low-income participants are exempt from this fee.
 - **Generation Credit** = bill credits applied to your bill by PGE for participating in the Program. The bill credit rate is fixed at **11.234 cents per kWh** for up to 20 years and is multiplied by your portion of kWh generated by the solar farm each month.