



# OREGON SOLAR + STORAGE REBATE PROGRAM

## 2021 Program Report

Submitted to the

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**OREGON**  
DEPARTMENT OF  
**ENERGY**

# Oregon Solar + Storage Rebate Program 2021

## Executive Summary

The Oregon Solar + Storage Rebate Program was established by the Oregon Department of Energy at the direction of HB 2618, passed by the Oregon State Legislature in 2019. The legislation called for the department to adopt a program to provide rebates for the purchase, construction, or installation of solar electric systems and paired solar and storage systems.

Program rebates are issued to participating contractors, who pass the savings on to eligible customers as a reduction in the price of the installed system (ODOE's program staff do not work directly with the customers). To claim a rebate, a contractor must first apply for a reservation of rebate funds prior to the start of project installation. Reservations are converted into cash rebates once a contractor certifies a project complete. The legislature directed the department to make at least 25 percent of the rebate budget available for projects installed for low- or moderate-income (LMI) residential customers and low-income service providers. Low-income service providers are a specific group of non-residential customers that provide assistive services to lower-income individuals and households. The program's provided rebate budget was \$1.5 million, concurrent to the passage of HB 2618. The department was also provided with \$500,000 to develop and administer the program.

The Oregon Solar + Storage Rebate Program advances Oregon energy policy by helping reduce the upfront costs associated with the purchase and installation of renewable energy production and energy storage systems, as well as supporting the Oregon solar installer industry.

**AT LEAST 25 PERCENT OF THE REBATE BUDGET SUPPORTS LOW- OR MODERATE-INCOME RESIDENTIAL CUSTOMERS.**

Informed by a public input process, the rebate program features tiered incentive rates for rebates based on the income level of the project owner, the availability of other rebates to the project owner, and whether it is a residential or non-residential project. The largest rebate amounts are reserved for LMI residential customers and low-income service providers to account for the reduced financial resources of those populations. Eligibility for income-restricted rebates can be demonstrated by providing proof of eligibility for several low-income programs operated by the State of Oregon, or by providing an Oregon Department of Revenue tax transcript. The department implemented an expanded list of eligibility options after the start of the program in response to program stakeholder feedback.

The program began enrolling contractors on January 1, 2020, and there are currently 48 contractors participating in the program. To be eligible to participate in the program, a contractor must meet eligibility requirements established under rule.

Of the program's \$1.5 million rebate budget, the department allocated \$750,000 to projects for low- and moderate-income residential customers and low-income service providers, and \$375,000 to non-income restricted projects on January 22, 2020. The remaining \$375,000 in rebate budget was made available for non-LMI residential projects on April 15, 2020. As a result of state budget concerns, the department temporarily paused accepting reservations and

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issuing rebates while awaiting further direction from the legislature. On September 2, 2020, at the direction of the legislature during the Second Special Session, the department reallocated \$60,000 in rebate funding from non-income restricted projects to LMI residential and low-income service provider projects. By the end of September all available funding had been allocated to project reservations and the department stopped accepting new reservation requests.

During the 2021 legislative session, the Oregon Legislature allocated \$10 million in additional program funding for the 2021-23 biennium. Of the \$10 million in funding, approximately \$9.2 million in funding will be made available for new project rebates with the balance being used to rehire program staff. The department is proud to be in a position to continue to administer the Oregon Solar + Storage Rebate program and anticipates being able to resume accepting new reservation requests in Fall 2021.

The program continues to successfully meet the legislative mandate that 25 percent of funds be reserved for LMI projects. To date, the program has made funding commitments, either as rebates or reservations for rebates, to 369 projects, representing over \$1.38 million in funds. Over half of the committed funding is for projects owned by LMI residential owners or low-income service providers.

THE REBATE PROGRAM HAS RESERVED OR ISSUED REBATES FOR PROJECTS IN **29 OF OREGON'S 36 COUNTIES.**

The program has issued 352 rebates for completed projects, 24 of which are projects for low-income service providers. Of projects that received a rebate, 32 were paired solar and storage projects. The program currently holds 17 reservations for projects that are undergoing installation; nine of these reservations are for low-

income service providers. A full list of completed projects that received program rebates and a list of LMI reservations is included as Appendix A.

The 352 completed projects that received a rebate represent solar electric generation that is estimated to displace 2,193 metric tons of CO<sub>2</sub>e (carbon dioxide equivalent) per year based on the carbon intensity of the electric utility serving the project.

Since the issuance of the 2020 legislative program report, some projects holding reservations either withdrew from the program or failed to complete system installation, resulting in \$110,928.50 in reservation funds from the initial budget being available for new projects. This funding will be rolled into the \$9.2 million in new funding provided by the 2021 legislature and made available when the program resumes accepting new reservation requests in Fall 2021.

This report is available electronically on the Oregon Department of Energy's website:

<https://www.oregon.gov/energy/Data-and-Reports/Pages/Reports-to-the-Legislature.aspx>.

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# Oregon Solar + Storage Rebate Program 2021

## Introduction

### Program Background

The Oregon Solar + Storage Rebate Program was established by the Oregon Department of Energy at the direction of HB 2618, which was passed by the Oregon State Legislature in 2019. The legislation called for the department to adopt a program to provide rebates for the purchase, construction, or installation of solar electric systems and paired solar and storage systems.



Program rebates are issued to participating contractors and are passed on to customers as a reduction in the price of the installed system. In order to claim a rebate, a contractor must first request a reservation of funds prior to the start of project installation. Once a project has been completed, a contractor then applies to have the project's reservation converted into a cash rebate, which is issued as a check to the contractor. The legislature directed the department to make at least 25 percent of the rebate budget available for projects installed for low- and moderate-income (LMI) residential customers and low-income service providers. Low-income service providers are a specific group of non-residential customers that provide assistive services to low- or moderate-income individuals and households. The program's provided rebate budget was \$1.5 million, concurrent to the passage of HB 2618. The department was also provided \$500,000 to develop and administer the program.

The Oregon Solar + Storage Rebate Program advances Oregon energy policy by helping reduce the upfront costs associated with the purchase and installation of renewable solar energy production and solar energy storage systems, as well as supporting the Oregon solar installer industry.

HB 2618 directed the department to provide a report to the legislature by September 15 of each year the program is in effect that includes the number, size, and location of solar electric systems installed for residential customers and low-income service providers, as well as the number and storage capacity of paired solar and storage systems installed, for which a rebate was claimed. The report is to include the estimated amount of greenhouse gas emissions reduced or avoided due to the installation of the completed systems. The bill also directed that the report should address whether the goals of the rebate program are being met and include recommendations on whether the rebate amount limits, or the funding levels reserved for LMI and low-income service provider projects, should be modified. While not required, this report also includes legislative recommendations.



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## Program Operations

The Oregon Department of Energy began outreach and engagement to inform the development of the program's draft rules in September 2019. The department conducted targeted outreach with 26 different stakeholder groups, held three public meetings in Salem and Portland, and wrote letters to Chairs of Oregon Tribes. The department filed final program rules on December 19, 2019. The feedback and suggestions provided through ODOE's outreach and engagement were very valuable in the development of the program's rules.

Informed by input and feedback, the rebate program features a tiered incentive rate for rebates based on the location and financial capacity of the project owner. The largest rebate amounts are reserved for LMI residential customers and low-income service providers to account for the reduced financial capacity of those populations. The smallest rebate amounts are available for non-LMI residential customers that have access to existing financial incentives through their electric utility:

**“[Our] solar array also provides power for a vegetable farm.”**



***Program Participant***

- Projects for low- and moderate-income individuals can receive a rebate of \$1.80 per watt (DC) of installed capacity, up to 60 percent of the project net cost or \$5,000, whichever is less.
- Low-income service provider projects can receive a rebate of \$0.75 per watt of installed capacity, up to 50 percent of project net cost or \$30,000, whichever is less.
- Projects for non-LMI residential customers who are not eligible for a utility incentive can receive a rebate of \$0.50 per watt of installed capacity, up to 40 percent of net project cost or \$5,000, whichever is less.
- Projects for non-LMI residential customers who are eligible for a utility incentive can receive a rebate of \$0.20 per watt of installed capacity up to 40 percent of net project cost or \$5,000, whichever is less.

For solar electric projects with paired energy storage, the program offers an additional rebate for the storage component, which is also tiered based on the type of project owner:

- Low-income service provider projects are eligible for a rebate of \$300 per kilowatt hour of installed storage capacity, up to 60 percent of net project cost or \$15,000, whichever is less.
- Projects for LMI customers are eligible for a rebate of \$300 per kilowatt hour of installed storage capacity, up to 60 percent of project cost or \$2,500, whichever is less.
- Projects for non-LMI residential customers are eligible for a rebate of \$300 per kilowatt hour of installed storage capacity, up to 40 percent of net project cost or \$2,500, whichever is less.

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Consistent with the direction provided in HB 2618, the department worked closely with Oregon Housing and Community Services to develop program rules regarding eligibility for LMI households. Based on OHCS's experience in providing benefits to low-income individuals, ODOE determined that individuals and households could have their projects qualify for low- and moderate-income restricted rebates if the individual or household was eligible for services offered by OHCS through the Low-Income Home Energy Assistance Program, the Oregon Energy Assistance Program, or the Low Income Weatherization Assistance Program. This type of eligibility system allows ODOE to avoid having to conduct primary income verification, which is both resource intensive and outside the scope of the department's program experience.



The Oregon Solar + Storage Rebate Program issues rebates directly to solar contractors as reimbursement for cost savings, which must be passed onto the project owner at the time of project installation. The program does not work directly with project owners, with the exception of providing occasional general or specific information via phone or email, or during compliance inspections. For a solar

contractor to receive a rebate through the program, the contractor must meet the program's contractor eligibility requirements and must have applied for a reservation of rebate funds prior to commencing installation of a project. The program began enrolling contractors on January 1, 2020, and there are currently 48 eligible contractors participating in the program.

Of the program's \$1.5 million rebate budget, the program made \$750,000 in funding available for rebate reservations for LMI residential customers and low-income service providers, and \$375,000 in funding for rebate reservations for non-LMI projects on January 22, 2020. The remaining \$375,000 in rebate budget was made available for non-LMI residential projects on April 15, 2020. Thirty minutes after the additional funding was made available for reservations in April, the department had received requests for reservations which exceeded available funding.

On September 2, 2020 the department shifted \$60,000 in rebate funding from the non-LMI project budget to the low- and moderate-income budget at the direction of the August 2020 Second Special Session of the Oregon legislature. This means that for the program overall, a total of \$810,000 in rebate funding was made available for LMI and low-income service provider projects, and \$690,000 was made available for non-LMI projects. In addition, the administrative budget for the program was reduced by \$60,000. By the end of September 2020, all available funding for reservations had been allocated to projects and the department stopped accepting new reservation requests. With no funding for new reservations, program work shifted exclusively to processing rebate requests and conducting site inspections. The

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majority of rebates issued to date were processed by the department by the end of calendar year 2020 and the two limited duration staff that worked on the program left service at that time, consistent with the operating funding provided under HB 2618.

During the 2021 legislative session, the Oregon Legislature provided \$10 million in additional program funding for the 2021-23 biennium. Of the \$10 million in funding, approximately \$9.2 million in funding will be made available for new project rebates with the balance being used to rehire program staff and operating costs. The department is proud to be in a position to continue to administer the Oregon Solar + Storage Rebate program and anticipates being able to resume accepting new reservation requests in Fall 2021.

## Program Challenges

The department would like to see program benefits extended to low- and moderate-income individuals and families that live in rental housing, and under program rules, the definition of Low-Income Service Provider theoretically provides a pathway for that to happen. Under program rules, a low-income service provider can be a developer or owner of affordable multifamily housing eligible to receive public assistance under one or more housing development or rental assistance programs administered by Oregon Housing and Community Service. In practice, however, multifamily housing developers install photovoltaic (PV) systems under the ownership of a for-profit LLC in order to capture federal tax benefits. These for-profit entities are not eligible under current program administrative rules and no multifamily housing developers have elected to directly own PV installations in order to make their systems eligible for the rebate program. In addition, no tribal governments have participated in the program to date. It is unclear what factors are behind this lack of project participation, but the department believes opportunities for PV and energy storage projects exist in tribal communities.

In order to ensure the program's administrative rules continue to be in alignment with desired programmatic outcomes, the department is planning on convening a public engagement and rulemaking process in early 2022. The department's goal under the proposed rulemaking is to update program administrative rules to drive more program participation by tribal communities and entities that own solar PV systems that provide benefits to low- and moderate-income individuals and families.

As noted in our 2020 legislative report, ODOE filed updated administrative rules with the Secretary of State on May 28, 2020 that made it easier to qualify for a low- and moderate-income rebate by adding the Supplemental Nutrition Assistance Program, the Oregon Health Plan, and the Children's Health Insurance Program to the list of programs under which a project owner would be eligible for an LMI rebate. In addition, ODOE also added the ability of a residential project owner to prove eligibility by providing a current tax transcript from the Oregon Department of Revenue. Using tax transcripts as a basis for income verification was added to rule in response to stakeholder feedback and the relatively small funding budget for



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rebates at the time. However, there is a risk to the department in using tax transcripts as a basis of determining eligibility for benefits reserved for LMI individuals due to the possibility that incentives could be provided to individuals with significant financial capacity but low tax-reportable income. Given the large increase in the program's budget under the \$10 million legislative allocation for the 2021-23 biennium, the department will be closely monitoring the use of tax transcripts to qualify residential customers under the LMI provisions of the program.

## Program Goals and Recommendations

The department has been asked to report on the whether the goals of the program are being met and to make recommendations on some of its parameters. The goals identified by legislative supporters were to support the solar industry and its workers and to increase the use of renewable energy sources, including among low- and moderate-income households and the non-profit organizations that serve them.

**“We were only the second solar project in our town in a decade, I think!”**



**Program Participant**

First, ODOE continues to find that there is significant demand for residential solar rebates. Forty-eight solar installation businesses have participated in the program to date. Based on continued demand for the incentive, ODOE believes the program has created economic opportunities for the solar installation industry. The additional funding provided by the 2021 legislative session is projected to allow for project funding through the sunset of the program on January 1, 2024.

Second, by helping reduce the upfront costs associated with the purchase and installation of renewable energy production and energy storage systems, the program has increased the use of renewable energy throughout Oregon. To date, 352 projects have been completed in 29 counties across the state. These projects are expected to reduce greenhouse gas emissions by 2,193 metric tons of CO<sub>2</sub> equivalent per year. The Oregon Department of Environmental Quality estimates Oregon's economy wide sector-based greenhouse gas emissions were 65 million metric tons of CO<sub>2</sub> equivalent in 2019.

Low-income service providers represent a majority of funding dollars for low- and moderate-income projects, with \$472,962 in allocated funding out of \$742,856 in total funding allocated to all low- and moderate-income projects. As noted previously, the department believes there are opportunities for even more low-income services provider projects in the coming biennium.

HB 2618 directed the agency to make recommendations on the level of rebates provided to project owners or on the maximum and minimum levels of funding provided to certain project owners. At this time, the department is not recommending any legislative changes to the program. However, as discussed above, we will work with stakeholders through the rulemaking

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process to ensure the program is accessible to our tribal partners and people living in rental housing.

Demand for solar rebates, by number of reservations and rebates, is higher in the non-LMI category, but the program has been successful at driving a majority of program funding (53 percent) to low- and moderate-income homeowners and low-income service providers. However, the department will continue to consider the rebate amounts and funding levels, particularly as we engage with program stakeholders during our proposed rulemaking in early 2022.



In early 2021, ODOE published its new [strategic plan](#) and updated [mission](#), which places a greater emphasis on equity in our programs and services; a strategic objective that is increasingly shared across state government. To that end, the department has been sending an optional, anonymous survey to project owner addresses after projects are issued a rebate, asking about demographic data,

including race or ethnicity and if someone in the household has a disability. The department envisioned this survey as a tool to better inform the department's responsiveness to equity-focused questions and to better align program practices with other equity-based efforts being made in state government. To date, the department has received a total of 108 survey responses. Of those who responded, participants in the program overwhelmingly identify as white (95 percent). Eight participants identified as Hispanic or Latino, four identified as Native American or Alaska Native, two identified as Asian, one as Native Hawaiian or Pacific Islander, and one as Black or African American (note that respondents could choose more than one option). Fourteen participants reported that someone in their household has a disability.

While not necessarily scientifically valid, the survey results show that Black, Indigenous, and People of Color, and people with disabilities are likely under-represented in the program. Similarly, there are also some parts of the state that are under-represented in the program.

The department believes there would be value in collaborating with other state agencies, state leadership, and the public to determine agency best practices when it comes to the collection, storage, and use of individual demographic information to ensure equity practices are consistent across state government and sensitive to historically and currently under-served communities.

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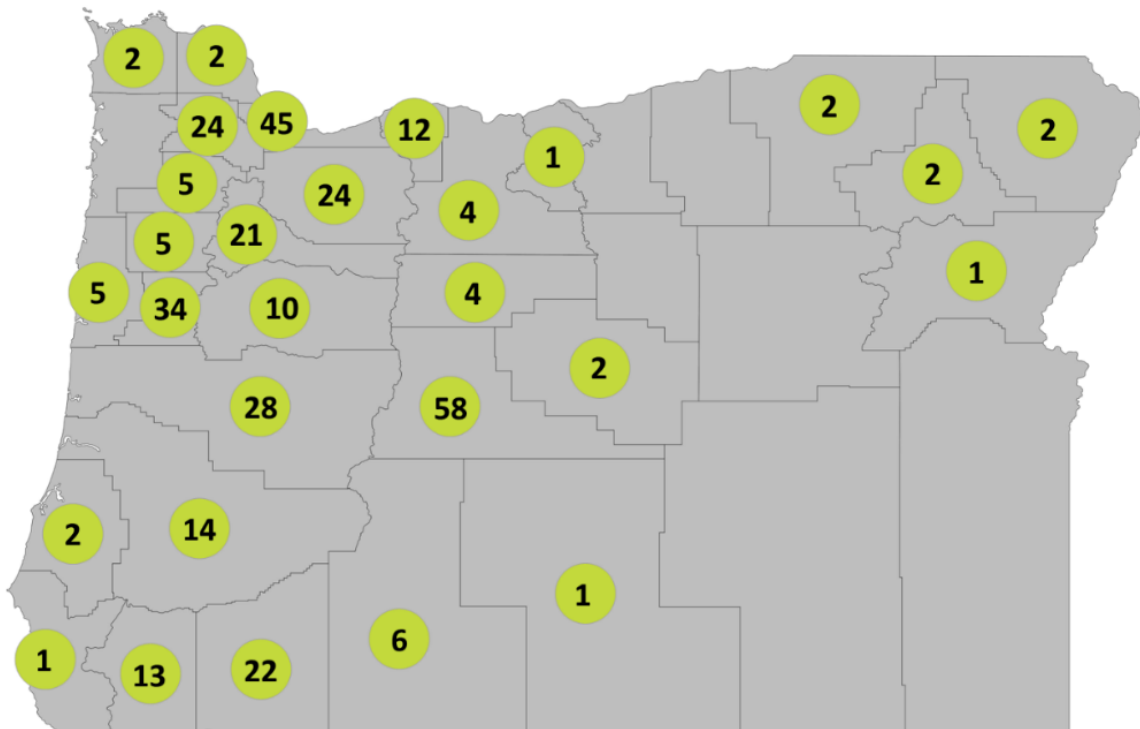
## Program Metrics

To date, the Oregon Solar + Storage Rebate Program has made funding commitments, either as rebates or reservations for rebates, to 369 projects representing over \$1.38 million in funds. Of this funding, over half is for projects owned by LMI residential customers or low-income service providers. The program has been successful in meeting the mandate in HB 2618 that 25 percent of reservations be reserved for low- and moderate-income projects.

**OVER HALF OF THE PROGRAM'S FUNDING COMMITMENTS ARE FOR LOW- AND MODERATE-INCOME RESIDENTIAL CUSTOMERS AND LOW-INCOME SERVICE PROVIDERS.**

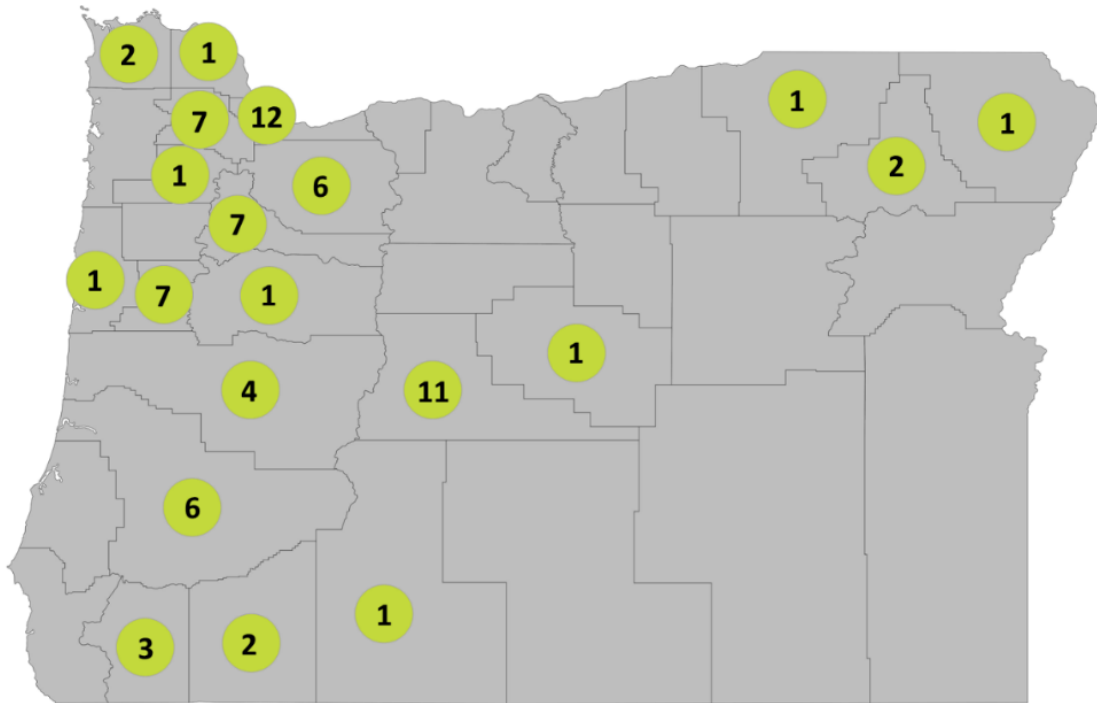
The program has issued 352 rebates for completed projects, 24 of which are commercial projects for low-income service providers. Of these projects: 32 (9 percent) were paired solar and storage projects; 51 (14 percent) were issued for low- and moderate-income customer projects; and 62 (18 percent) were issued for projects that were not eligible for an existing utility rebate.

**Figure 1: Number of Completed Rebated Projects by County**



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**Figure 2: Number of Completed Rebated Low- or Moderate-Income Projects by County**



The program currently holds 17 additional reservations, which represent projects that are in the process of being installed. Of these reservations, 9 are for low-income service providers. Roughly 6 percent of the \$1.38 million in total program funding, either reserved or issued as a rebate, has been allocated to projects with energy storage.

“Thank you! We appreciate DOE’s help trying to live out our values.”



*Program Participant*

A full list of installed projects that received program rebates and a list of low-income service provider reservations is included in Appendix A.

**Table 1: Total Residential Rebate Reservations and Rebates Issued**

Customer Type	# of Projects	PV	Storage	Total Committed Funds
Non-LMI Committed	282	\$571,215.50	\$75,000.00	\$646,214.50
LMI Committed	87	\$733,806.00	\$9,050.00	\$742,856.00
<b>Totals</b>	<b>369</b>	<b>\$1,305,021.50</b>	<b>\$84,050.00</b>	<b>\$1,389,071.50</b>

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Since the issuance of the 2020 legislative program report, some projects holding reservations either withdrew from the program or failed to complete system installation, resulting in \$110,928.50 in reservation funds being available for new projects. This funding will be rolled into the \$9.2 million in new funding provided by the 2021 legislature and made available when the program resumes accepting new reservation requests in Fall 2021.

**Table 2: Estimated Greenhouse Gas Emissions Reductions\* for Completed Projects to Date**

<b>Installed Projects</b>	<b>Total kWh Production (Annual)</b>	<b>Metric Tons CO2e Reduced (Annual)</b>
<b>352</b>	<b>4,695,576</b>	<b>2,193</b>

*\*The greenhouse gas emissions reduction estimate is calculated by multiplying the estimated annual kWh electricity production of a completed project by the estimated carbon intensity multiplier (lbs CO2e per kWh) of the electric utility providing service to the project. Utility carbon intensity multipliers are maintained on ODOE's [Electricity Resource Mix dashboard](#).*



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## Appendix A: PROGRAM REBATES AND RESERVATIONS

Note: *PV Nameplate Rating DC* is the gross measure of the peak power output of the installed system under optimal conditions. It represents the relative size of the system.

### Residential Rebates Issued – PV Only

No.	Customer Type	County	Zip Code	PV Nameplate Rating DC
1	Not Low Income	Deschutes County	97703	24.75
2	Not Low Income	Yamhill County	97132	17.28
3	Not Low Income	Washington County	97123	21.44
4	Not Low Income	Deschutes County	97701	11.375
5	Not Low Income	Clackamas County	97089	24.96
6	Not Low Income	Deschutes County	97702	7.04
7	Not Low Income	Deschutes County	97702	10.56
8	Not Low Income	Deschutes County	97703	8.32
9	Not Low Income	Deschutes County	97701	5.76
10	Low-Moderate-Income	Multnomah County	97213	4.9
11	Low-Moderate-Income	Crook County	97753	10.05
12	Not Low Income	Marion County	97346	9.3
13	Not Low Income	Deschutes County	97703	3.2
14	Not Low Income	Deschutes County	97701	7.68
15	Low-Moderate-Income	Benton County	97330	5.2
16	Not Low Income	Washington County	97007	5.51
17	Not Low Income	Multnomah County	97215	5.76
18	Not Low Income	Multnomah County	97215	5.12
19	Not Low Income	Linn County	97355	24.96
20	Not Low Income	Deschutes County	97703	13
21	Not Low Income	Clackamas County	97055	4.48
22	Not Low Income	Polk County	97361	9.3
23	Not Low Income	Washington County	97140	20.72
24	Not Low Income	Deschutes County	97703	4.8
25	Low-Moderate-Income	Multnomah County	97217	5.12
26	Not Low Income	Deschutes County	97702	7.68
27	Not Low Income	Deschutes County	97701	14.19
28	Not Low Income	Hood River County	97031	11.16
29	Not Low Income	Multnomah County	97211	8
30	Not Low Income	Deschutes County	97701	9.1
31	Low-Moderate-Income	Columbia County	97054	9
32	Not Low Income	Jackson County	97520	5.25
33	Not Low Income	Deschutes County	97703	21.12
34	Not Low Income	Hood River County	97031	18.56
35	Not Low Income	Deschutes County	97703	6.6
36	Not Low Income	Columbia County	97053	5.58
37	Low-Moderate-Income	Marion County	97306	7.15

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No.	Customer Type	County	Zip Code	PV Nameplate Rating DC
38	Not Low Income	Clackamas County	97267	6.4
39	Not Low Income	Deschutes County	97701	5.525
40	Not Low Income	Multnomah County	97202	2.835
41	Not Low Income	Linn County	97322	7.194
42	Not Low Income	Benton County	97456	5.925
43	Not Low Income	Washington County	97223	4.48
44	Not Low Income	Deschutes County	97701	8.45
45	Not Low Income	Benton County	97330	6.5
46	Low-Moderate-Income	Clackamas County	97038	7.36
47	Not Low Income	Washington County	97123	5.12
48	Not Low Income	Wasco County	97040	8.06
49	Not Low Income	Jefferson County	97734	14.4
50	Not Low Income	Clackamas County	97070	6.96
51	Not Low Income	Douglas County	97471	6.51
52	Not Low Income	Deschutes County	97759	5.22
53	Not Low Income	Washington County	97223	8.99
54	Not Low Income	Jefferson County	97760	5.525
55	Not Low Income	Polk County	97304	4.96
56	Not Low Income	Hood River County	97031	4.69
57	Not Low Income	Multnomah County	97212	7.56
58	Not Low Income	Clackamas County	97267	6.84
59	Low-Moderate-Income	Multnomah County	97202	7.04
60	Not Low Income	Multnomah County	97212	7.56
61	Not Low Income	Multnomah County	97230	3.78
62	Not Low Income	Benton County	97330	4.8
63	Not Low Income	Coos County	97420	9.12
64	Not Low Income	Hood River County	97031	13.95
65	Not Low Income	Lane County	97405	5.625
66	Not Low Income	Multnomah County	97214	6.96
67	Not Low Income	Hood River County	97031	11.89
68	Not Low Income	Marion County	97317	11.52
69	Not Low Income	Multnomah County	97030	5.025
70	Not Low Income	Lane County	97402	6.08
71	Not Low Income	Deschutes County	97701	7.92
72	Not Low Income	Hood River County	97031	9.3
73	Not Low Income	Multnomah County	97080	9.9
74	Not Low Income	Benton County	97370	5.76
75	Not Low Income	Multnomah County	97213	7.36
76	Low-Moderate-Income	Lane County	97402	3.8
77	Not Low Income	Marion County	97303	8.829
78	Not Low Income	Wasco County	97040	7.44
79	Not Low Income	Benton County	97330	10.8
80	Not Low Income	Lane County	97405	6.08

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No.	Customer Type	County	Zip Code	PV Nameplate Rating DC
81	Not Low Income	Benton County	97330	3.2
82	Not Low Income	Curry County	97415	4.125
83	Not Low Income	Benton County	97330	15.96
84	Not Low Income	Hood River County	97031	4.34
85	Not Low Income	Benton County	97333	5.44
86	Not Low Income	Hood River County	97031	8.06
87	Not Low Income	Benton County	97330	6.4
88	Not Low Income	Wasco County	97040	6.2
89	Not Low Income	Benton County	97330	6.4
90	Not Low Income	Wasco County	97040	8.68
91	Not Low Income	Multnomah County	97213	4.48
92	Not Low Income	Multnomah County	97206	6.46
93	Not Low Income	Deschutes County	97703	9.28
94	Not Low Income	Hood River County	97031	4.02
95	Not Low Income	Deschutes County	97702	9.45
96	Not Low Income	Deschutes County	97703	9.24
97	Not Low Income	Multnomah County	97056	10.56
98	Not Low Income	Josephine County	97523	23.8
99	Not Low Income	Multnomah County	97202	3.9
100	Not Low Income	Baker County	97814	2.48
101	Not Low Income	Linn County	97446	10.24
102	Not Low Income	Douglas County	97457	8.64
103	Not Low Income	Lane County	97424	18.56
104	Not Low Income	Lane County	97405	4.32
105	Not Low Income	Marion County	97302	9.86
106	Not Low Income	Clackamas County	97222	4.8
107	Not Low Income	Multnomah County	97213	9.28
108	Not Low Income	Jackson County	97520	15.369
109	Not Low Income	Klamath County	97601	6.1
110	Not Low Income	Multnomah County	97206	5.44
111	Not Low Income	Lane County	97405	4.8
112	Not Low Income	Washington County	97123	9.36
113	Not Low Income	Sherman County	97050	3.72
114	Not Low Income	Hood River County	97031	9.3
115	Not Low Income	Umatilla County	97810	6.2
116	Not Low Income	Jackson County	97520	3.6
117	Not Low Income	Multnomah County	97229	6.08
118	Not Low Income	Washington County	97116	5.8
119	Not Low Income	Multnomah County	97202	5.12
120	Not Low Income	Jackson County	97520	3.2
121	Not Low Income	Jackson County	97504	13.545
122	Not Low Income	Jackson County	97502	15.12
123	Not Low Income	Jackson County	97501	11.025

## Oregon Solar + Storage Rebate Program 2021

No.	Customer Type	County	Zip Code	PV Nameplate Rating DC
124	Not Low Income	Jackson County	97541	8.82
125	Not Low Income	Jackson County	97503	8.19
126	Not Low Income	Jackson County	97503	11.655
127	Not Low Income	Josephine County	97526	10.08
128	Not Low Income	Jackson County	97502	7.245
129	Not Low Income	Josephine County	97527	8.19
130	Not Low Income	Jackson County	97501	10.395
131	Not Low Income	Josephine County	97544	9.45
132	Not Low Income	Multnomah County	97213	5.44
133	Not Low Income	Clackamas County	97045	11.52
134	Not Low Income	Jackson County	97520	1.962
135	Not Low Income	Douglas County	97457	5.31
136	Not Low Income	Clackamas County	97222	7.6
137	Not Low Income	Multnomah County	97219	8.45
138	Low-Moderate-Income	Jackson County	97520	8.34
139	Low-Moderate-Income	Douglas County	97469	6.82
140	Low-Moderate-Income	Douglas County	97457	7.44
141	Low-Moderate-Income	Marion County	97306	7.68
142	Low-Moderate-Income	Lane County	97402	6.175
143	Low-Moderate-Income	Douglas County	97496	6.2
144	Low-Moderate-Income	Klamath County	97601	6.5
145	Low-Moderate-Income	Multnomah County	97211	4.68
146	Low-Moderate-Income	Benton County	97330	4.32
147	Low-Moderate-Income	Clackamas County	97022	6.82
148	Low-Moderate-Income	Douglas County	97471	4.96
149	Low-Moderate-Income	Douglas County	97496	6.2
150	Low-Moderate-Income	Douglas County	97470	11.05
151	Low-Moderate-Income	Washington County	97106	7.475
152	Low-Moderate-Income	Marion County	97317	8.88
153	Low-Moderate-Income	Wallowa County	97828	10.24
154	Low-Moderate-Income	Washington County	97078	11.7
155	Low-Moderate-Income	Lane County	97448	8.68
156	Low-Moderate-Income	Multnomah County	97236	7.04
157	Low-Moderate-Income	Yamhill County	97132	7.36
158	Not Low Income	Clackamas County	97222	6.72
159	Low-Moderate-Income	Clackamas County	97027	8
160	Low-Moderate-Income	Josephine County	97526	14.35
161	Low-Moderate-Income	Lincoln County	97498	5.12
162	Low-Moderate-Income	Marion County	97362	13.407
163	Low-Moderate-Income	Josephine County	97523	4.9
164	Low-Moderate-Income	Washington County	97123	6.4
165	Low-Moderate-Income	Benton County	97333	4.8
166	Low-Moderate-Income	Benton County	97330	6.08

## Oregon Solar + Storage Rebate Program 2021

No.	Customer Type	County	Zip Code	PV Nameplate Rating DC
167	Low-Moderate-Income	Marion County	97381	4.578
168	Not Low Income	Klamath County	97601	7.44
169	Not Low Income	Douglas County	97471	18.85
170	Not Low Income	Multnomah County	97230	7.521
171	Not Low Income	Klamath County	97601	11.34
172	Not Low Income	Lincoln County	97388	6.4
173	Not Low Income	Clackamas County	97055	6.4
174	Not Low Income	Deschutes County	97702	7.04
175	Not Low Income	Clackamas County	97070	15.68
176	Not Low Income	Crook County	97753	6.6
177	Not Low Income	Josephine County	97527	9.92
178	Not Low Income	Jackson County	97520	4.65
179	Not Low Income	Klamath County	97603	8.06
180	Not Low Income	Washington County	97124	12.35
181	Not Low Income	Deschutes County	97702	8.32
182	Not Low Income	Lane County	97405	26
183	Not Low Income	Benton County	97333	5.32
184	Not Low Income	Clackamas County	97009	27.2
185	Not Low Income	Lincoln County	97366	5.12
186	Not Low Income	Multnomah County	97215	10.23
187	Not Low Income	Clackamas County	97045	12.48
188	Not Low Income	Benton County	97330	7.68
189	Not Low Income	Deschutes County	97701	9.6
190	Not Low Income	Klamath County	97601	5.67
191	Not Low Income	Josephine County	97526	13.64
192	Not Low Income	Linn County	97374	15.84
193	Not Low Income	Lane County	97401	11.375
194	Not Low Income	Washington County	97006	5.44
195	Not Low Income	Jackson County	97530	3.1
196	Not Low Income	Marion County	97381	6.4
197	Not Low Income	Lane County	97405	6.08
198	Not Low Income	Deschutes County	97702	18.09
199	Not Low Income	Benton County	97333	5.12
200	Not Low Income	Josephine County	97543	24.84
201	Not Low Income	Coos County	97420	8.99
202	Not Low Income	Deschutes County	97703	14.08
203	Not Low Income	Benton County	97330	5.44
204	Not Low Income	Deschutes County	97703	19.8
205	Not Low Income	Multnomah County	97236	7.8
206	Not Low Income	Polk County	97351	11.59
207	Not Low Income	Jackson County	97530	7.44
208	Not Low Income	Yamhill County	97132	14.95
209	Not Low Income	Douglas County	97471	6.2



## Oregon Solar + Storage Rebate Program 2021

No.	Customer Type	County	Zip Code	PV Nameplate Rating DC
210	Not Low Income	Marion County	97306	4.9
211	Not Low Income	Linn County	97333	9.6
212	Not Low Income	Multnomah County	97229	7.8
213	Not Low Income	Deschutes County	97703	8.25
214	Not Low Income	Lane County	97402	11.6
215	Not Low Income	Benton County	97321	4.8
216	Not Low Income	Lane County	97401	5.12
217	Not Low Income	Multnomah County	97236	12.8
218	Not Low Income	Washington County	97229	3.575
219	Not Low Income	Deschutes County	97759	6.93
220	Not Low Income	Marion County	97302	11.205
221	Not Low Income	Washington County	97005	7.8
222	Not Low Income	Benton County	97330	5.76
223	Not Low Income	Deschutes County	97759	4.62
224	Not Low Income	Deschutes County	97756	5.76
225	Not Low Income	Clackamas County	97410	12.8
226	Not Low Income	Benton County	97330	11.52
227	Not Low Income	Clackamas County	97045	8.64
228	Not Low Income	Lane County	97405	16.72
229	Not Low Income	Benton County	97330	5.44
230	Not Low Income	Deschutes County	97703	6.93
231	Not Low Income	Lane County	97487	4.96
232	Not Low Income	Multnomah County	97229	11.2
233	Not Low Income	Multnomah County	97229	7.36
234	Not Low Income	Lane County	97405	4.16
235	Not Low Income	Deschutes County	97759	7.56
236	Not Low Income	Deschutes County	97759	10.395
237	Not Low Income	Deschutes County	97756	8.75
238	Not Low Income	Deschutes County	97759	7.04
239	Not Low Income	Lane County	97403	4.8
240	Not Low Income	Lane County	97478	3.72
241	Not Low Income	Deschutes County	97702	10.56
242	Not Low Income	Lane County	97426	11.52
243	Not Low Income	Multnomah County	97219	8.16
244	Not Low Income	Marion County	97306	7.38
245	Not Low Income	Benton County	97333	6.4
246	Not Low Income	Multnomah County	97229	7.44
247	Not Low Income	Linn County	97322	9.12
248	Not Low Income	Lane County	97401	7.6
249	Not Low Income	Washington County	97225	7.68
250	Not Low Income	Benton County	97333	7.04
251	Not Low Income	Multnomah County	97202	8.125
252	Not Low Income	Washington County	97007	6.8

## Oregon Solar + Storage Rebate Program 2021

No.	Customer Type	County	Zip Code	PV Nameplate Rating DC
253	Not Low Income	Marion County	97302	4.96
254	Not Low Income	Linn County	97321	6.365
255	Not Low Income	Deschutes County	97703	6.27
256	Not Low Income	Lane County	97402	7.68
257	Not Low Income	Benton County	97330	6.64
258	Not Low Income	Jefferson County	97760	9.48
259	Not Low Income	Marion County	97352	12.099
260	Not Low Income	Benton County	97330	7.68
261	Not Low Income	Lincoln County	97357	2.32
262	Not Low Income	Clackamas County	97045	2.745
263	Not Low Income	Deschutes County	97702	5.12
264	Not Low Income	Multnomah County	97239	3.9
265	Not Low Income	Benton County	97370	5.76
266	Not Low Income	Lane County	97478	3.1
267	Not Low Income	Yamhill County	97101	8.8
268	Not Low Income	Linn County	97321	3.05
269	Not Low Income	Jackson County	97501	4.4
270	Not Low Income	Benton County	97330	5.44
271	Not Low Income	Deschutes County	97702	3.84
272	Not Low Income	Josephine County	97526	6.2
273	Not Low Income	Polk County	97338	11.772
274	Not Low Income	Marion County	97302	3.35
275	Not Low Income	Lane County	97488	17.28
276	Not Low Income	Douglas County	97470	6.2
277	Not Low Income	Marion County	97302	5.4
278	Not Low Income	Hood River County	97031	4.96
279	Not Low Income	Yamhill County	97148	9.92
280	Not Low Income	Marion County	97381	15.6
281	Not Low Income	Josephine County	97527	3.27
282	Not Low Income	Wallowa County	97828	3.72
283	Not Low Income	Jackson County	97520	11.2
284	Low-Moderate-Income	Clackamas County	97045	6.4
285	Low-Moderate-Income	Lane County	97402	6.4
286	Low-Moderate-Income	Washington County	97224	5.85
287	Low-Moderate-Income	Clackamas County	97222	8
288	Low-Moderate-Income	Linn County	97322	3.1
289	Low-Moderate-Income	Marion County	97305	6.4
290	Low-Moderate-Income	Clatsop County	97103	6.175
291	Low-Moderate-Income	Jackson County	97537	8.8
292	Low-Moderate-Income	Washington County	97008	3.24
293	Low-Moderate-Income	Washington County	97225	9.6
294	Low-Moderate-Income	Washington County	97224	6.4
295	Low-Moderate-Income	Clackamas County	97267	7.56

# Oregon Solar + Storage Rebate Program 2021

No.	Customer Type	County	Zip Code	PV Nameplate Rating DC
296	Low-Moderate-Income	Multnomah County	97213	6

## Residential Rebates Issued – PV + Storage

No.	Customer Type	County	Zip Code	PV Nameplate Rating DC	Storage Capacity (kWh)
1	Not Low Income	Deschutes County	97703	8.96	13.5
2	Not Low Income	Deschutes County	97703	7.8	13.5
3	Not Low Income	Jefferson County	97760	6.08	13.5
4	Not Low Income	Benton County	97330	24.49	3.8
5	Not Low Income	Deschutes County	97703	11.88	13.5
6	Not Low Income	Douglas County	97470	9.5	2.5
7	Not Low Income	Deschutes County	97703	11.9	14
8	Not Low Income	Hood River County	97031	9.92	10.5
9	Not Low Income	Benton County	97330	8.32	16
10	Not Low Income	Lake County	97641	9.36	14
11	Not Low Income	Jackson County	97520	11.2	13.5
12	Not Low Income	Lincoln County	97365	3.96	12
13	Low-Moderate-Income	Josephine County	97527	9.81	14
14	Not Low Income	Deschutes County	97702	8.96	13.5
15	Not Low Income	Washington County	97223	13.6	14
16	Not Low Income	Lane County	97405	9.75	9.8
17	Not Low Income	Josephine County	97526	6.54	14
18	Not Low Income	Linn County	97386	7.055	14
19	Not Low Income	Washington County	97224	7.04	14
20	Not Low Income	Lane County	97478	3.84	16

## Oregon Solar + Storage Rebate Program 2021

No.	Customer Type	County	Zip Code	PV Nameplate Rating DC	Storage Capacity (kWh)
21	Not Low Income	Polk County	97361	2.6	14
22	Not Low Income	Deschutes County	97702	14.08	13.5
23	Not Low Income	Multnomah County	97227	3.51	9.8
24	Not Low Income	Douglas County	97410	4.2	2.48
25	Not Low Income	Marion County	97302	8.32	9.8
26	Not Low Income	Jackson County	97537	4.2	46
27	Not Low Income	Benton County	97330	2.66	2.44
28	Not Low Income	Clackamas County	97038	14	8.6
29	Not Low Income	Lane County	97405	5.76	9.8
30	Not Low Income	Washington County	97007	7.68	10
31	Not Low Income	Clackamas County	97022	8.99	14
32	Low-Moderate-Income	Clatsop County	97138	6.4	9.8

### Low-Income Service Provider Rebates Issued – All Project Types

No.	Customer Type	County	Zip Code	PV Nameplate Rating DC	Project Type
1	Low-Income Service Provider	Deschutes County	97701	5.76	PV Only
2	Low-Income Service Provider	Benton County	97330	99.9	PV Only
3	Low-Income Service Provider	Deschutes County	97701	5.76	PV Only
4	Low-Income Service Provider	Deschutes County	97701	5.76	PV Only
5	Low-Income Service Provider	Deschutes County	97701	5.76	PV Only
6	Low-Income Service Provider	Multnomah County	97266	3.52	PV Only
7	Low-Income Service Provider	Multnomah County	97266	3.52	PV Only
8	Low-Income Service Provider	Multnomah County	97217	3.52	PV Only

## Oregon Solar + Storage Rebate Program 2021

No.	Customer Type	County	Zip Code	PV Nameplate Rating DC	Project Type
9	Low-Income Service Provider	Multnomah County	97203	3.52	PV Only
10	Low-Income Service Provider	Multnomah County	97217	3.52	PV Only
11	Low-Income Service Provider	Deschutes County	97701	3.2	PV Only
12	Low-Income Service Provider	Deschutes County	97701	5.12	PV Only
13	Low-Income Service Provider	Deschutes County	97701	3.2	PV Only
14	Low-Income Service Provider	Deschutes County	97701	5.12	PV Only
15	Low-Income Service Provider	Deschutes County	97701	5.12	PV Only
16	Low-Income Service Provider	Deschutes County	97701	74.88	PV Only
17	Low-Income Service Provider	Deschutes County	97701	74.88	PV Only
18	Low-Income Service Provider	Marion County	97302	27.36	PV Only
19	Low-Income Service Provider	Benton County	97333	99.56	PV Only
20	Low-Income Service Provider	Union County	97850	74.655	PV Only
21	Low-Income Service Provider	Union County	97850	103.635	PV Only
22	Low-Income Service Provider	Umatilla County	97813	88.2	PV Only
23	Low-Income Service Provider	Multnomah County	97266	48.8	PV Only
24	Low-Income Service Provider	Benton County	97330	74.88	PV Only



# Oregon Solar + Storage Rebate Program 2021

## FOR MORE INFORMATION

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