



**About This Report**

Energy Trust allocates funding for solar incentives in "steps." When funding in a step is fully reserved, the funding in the next step becomes available. This page shows all currently available installation incentives.

**Incentive Change Updates**

8/10/2022: PGE SWR Step 1 fully allocated. Step 2 rates are now available.

**2022 Applications - Quick Look**

*Residential*

2073 projects      19,480 KW

*Nonresidential*

138 projects      6,453 KW

**Solar Incentives**

| Solar Incentives        |   | Portland General Electric | Pacific Power           |
|-------------------------|---|---------------------------|-------------------------|
| Residential Incentives  | Solar for Homes                             | \$600                     | \$600                   |
|                         | Solar Within Reach                          | \$1.30/W up to \$7,800    | \$1.00/W up to \$6,000  |
| Commercial Incentives   | Solar for Businesses                        | \$0.25/W up to \$25,000   | \$0.20/W up to \$20,000 |
|                         | Solar for Tribes                            | \$1.50/W up to \$120,000  | \$1.25/W up to \$75,000 |
|                         | Solar for Affordable Multifamily Properties | \$1.25/W up to \$75,000   | \$1.00/W up to \$60,000 |
|                         | Solar for Qualifying Nonprofits             |                           | \$0.75/W up to \$45,000 |
| PGE Smart Battery Pilot | On-Bill Rewards                             | \$20 or \$40/month        |                         |
|                         | Smart Grid Test Bed Rebate                  | \$3,000                   |                         |

**Program Updates**

|                                     |  |
|-------------------------------------|--|
| <i>Recent Updates</i>               |  |
| <i>New offers under development</i> | <i>Community Solar - Low-Income Seats<br/>PGE Smart Inverter Demonstration Project<br/>Smart Batteries for Homes</i> |
| <i>Fully Allocated for 2022</i>     | <i>PGE Solar for Qualifying Nonprofits<br/>PGE Smart Battery Pilot Income Qualified Rebate</i>                       |

# Market Summary

August 10, 2022

## Residential Applications

|                   | Solar Projects | Capacity          | Avg. Size | Avg. Cost |
|-------------------|----------------|-------------------|-----------|-----------|
| <b>2003-2020</b>  | <b>17,860</b>  | <b>103,175 kW</b> |           |           |
| 2021 Q1           | 732            | 6,603 kW          | 9.0 kW    | \$3.72/W  |
| 2021 Q2           | 775            | 6,780 kW          | 8.7 kW    | \$3.84/W  |
| 2021 Q3           | 895            | 7,320 kW          | 8.2 kW    | \$3.84/W  |
| 2021 Q4           | 913            | 7,889 kW          | 8.6 kW    | \$4.0/W   |
| <b>2021 Total</b> | <b>3,315</b>   | <b>28,592 KW</b>  |           |           |
| 2022 Q1           | 770            | 6,701 kW          | 8.7 kW    | \$3.93/W  |
| 2022 Q2           | 988            | 8,758 kW          | 8.9 kW    | \$3.93/W  |
| 2022 Q3           | 436            | 3,863 kW          | 8.9 kW    | \$3.96/W  |
| 2022 Q4           | 0              | kW                |           |           |
| <b>2022 Total</b> | <b>2,194</b>   | <b>19,322 kW</b>  |           |           |

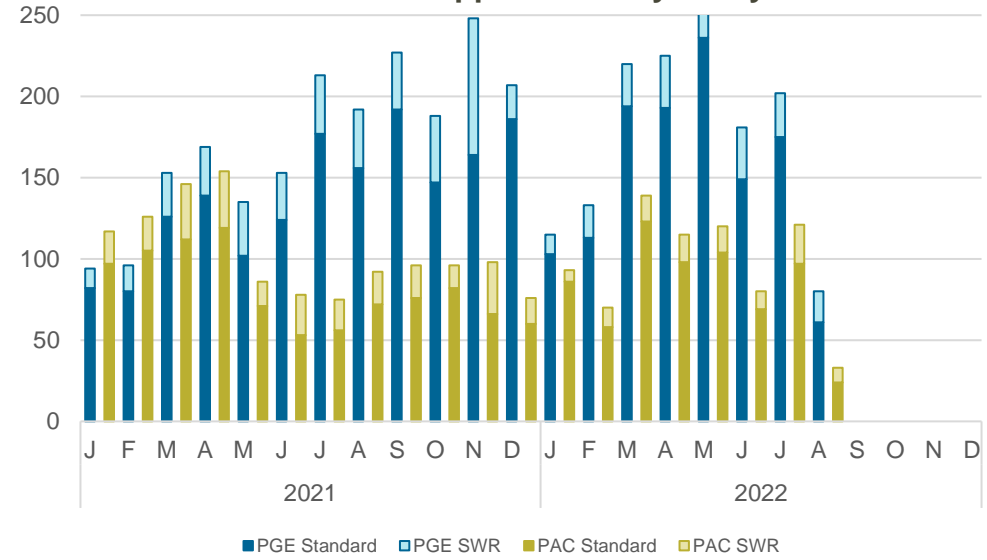
**Grand Total**

## Business, Tribal, and Multifamily Applications

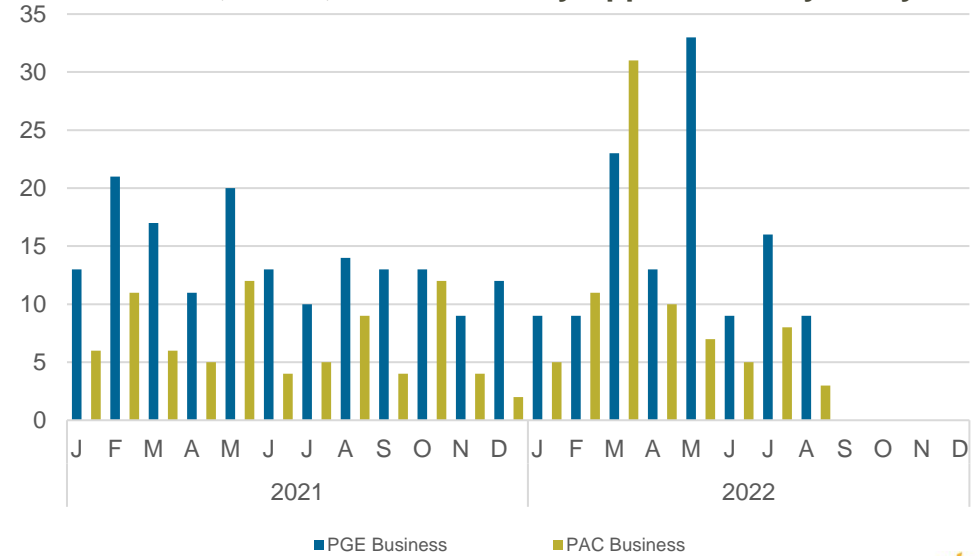
|                   | Solar Projects | Capacity          | Avg. Size | Avg. Cost |
|-------------------|----------------|-------------------|-----------|-----------|
| <b>2003-2020</b>  | <b>2,047</b>   | <b>110,134 kW</b> |           |           |
| 2021 Q1           | 74             | 4,205 kW          | 56.8 kW   | \$2.73/W  |
| 2021 Q2           | 65             | 4,176 kW          | 64.2 kW   | \$2.30/W  |
| 2021 Q3           | 55             | 2,557 kW          | 46.5 kW   | \$2.26/W  |
| 2021 Q4           | 52             | 2,954 kW          | 56.8 kW   | \$2.32/W  |
| <b>2021 Total</b> | <b>246</b>     | <b>13,892 KW</b>  |           |           |
| 2022 Q1           | 88             | 4,481 kW          | 50.9 kW   | \$2.53/W  |
| 2022 Q2           | 77             | 4,911 kW          | 63.8 kW   | \$2.72/W  |
| 2022 Q3           | 36             | 2,709 kW          | 75.3 kW   | \$2.46/W  |
| 2022 Q4           | 0              | kW                |           |           |
| <b>2022 Total</b> | <b>201</b>     | <b>12,101 kW</b>  |           |           |

**Grand Total**

## Residential Applications by Utility



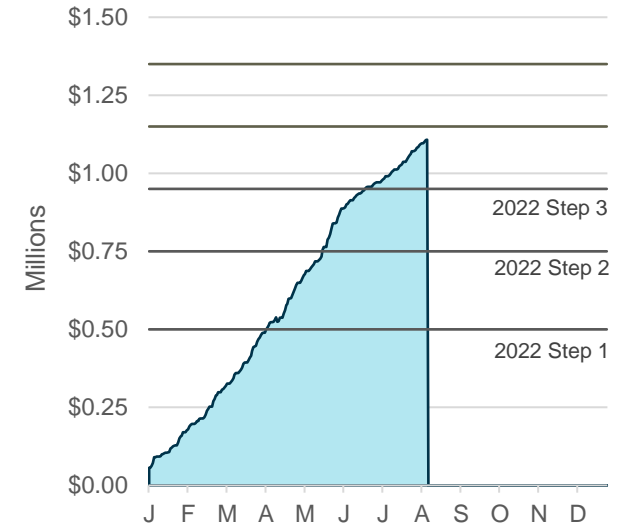
## Business, Tribal, and Multifamily Applications by Utility



**Portland General Electric**

| Date                  | Step          | Solar for Homes     |               | Applications |            |
|-----------------------|---------------|---------------------|---------------|--------------|------------|
|                       |               | Allocation          | Incentive     | Received     | Remaining  |
| 1/1/2022              | Step 1        | \$ 500,000          | \$ 1,200      | 451          | -          |
| 4/13/2022             | Step 2        | \$ 250,000          | \$ 1,000      | 275          | -          |
| 5/23/2022             | Step 3        | \$ 200,000          | \$ 800        | 259          | -          |
| <b>6/28/2022</b>      | <b>Step 4</b> | <b>\$ 200,000</b>   | <b>\$ 600</b> | <b>264</b>   | <b>69</b>  |
|                       | Step 5        | \$ 200,000          | \$ 400        | -            | 500        |
| Size Minimum: 2 kW-DC |               | <b>\$ 1,350,000</b> |               | <b>1,249</b> | <b>569</b> |

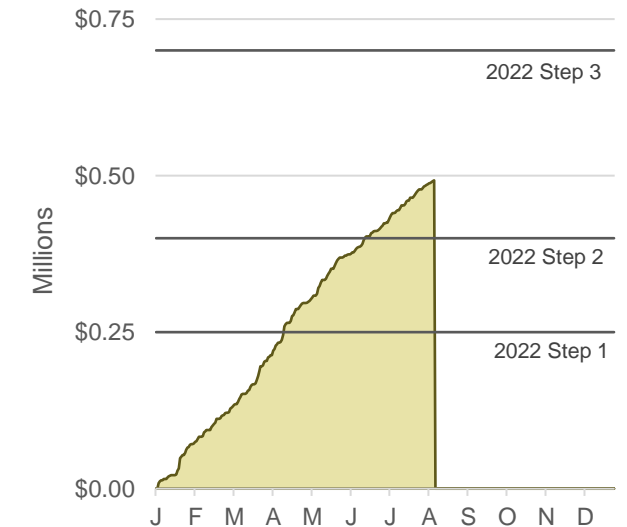
| Applications   |             | Solar        |          |
|----------------|-------------|--------------|----------|
| Total Projects | 1,249       | Projects     | 1,178    |
| Incentives     | \$1,181,800 | Average Size | 9 kW     |
| Capacity (kW)  | 11,234 kW   | Average Cost | \$3.96/W |



**Pacific Power**

| Date                  | Step          | Solar for Homes   |               | Applications |            |
|-----------------------|---------------|-------------------|---------------|--------------|------------|
|                       |               | Allocation        | Incentive     | Received     | Remaining  |
| 1/1/2022              | Step 1        | \$ 250,000        | \$ 900        | 294          | -          |
| 4/13/2022             | Step 2        | \$ 150,000        | \$ 750        | 202          | -          |
| <b>6/17/2022</b>      | <b>Step 3</b> | <b>\$ 300,000</b> | <b>\$ 600</b> | <b>154</b>   | <b>346</b> |
|                       | Step 4        | \$ 150,000        | \$ 400        | -            | 375        |
|                       | Step 5        | TBD               | TBD           | -            | -          |
| Size Minimum: 2 kW-DC |               | <b>\$ 850,000</b> |               | <b>650</b>   | <b>721</b> |

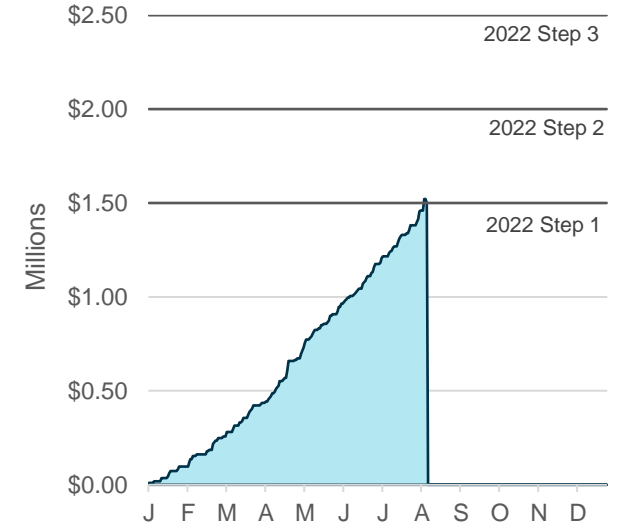
| Applications   |           | Solar        |          |
|----------------|-----------|--------------|----------|
| Total Projects | 650       | Projects     | 620      |
| Incentives     | \$508,500 | Average Size | 8.5 kW   |
| Capacity (kW)  | 5,637 kW  | Average Cost | \$3.74/W |



**Portland General Electric**

| Date             | Step          | Solar Within Reach  |                            | Applications |            |
|------------------|---------------|---------------------|----------------------------|--------------|------------|
|                  |               | Allocation          | Incentive Rate             | Received     | Remaining  |
| 1/1/2022         | Step 1        | \$ 1,500,000        | \$1.40/W to \$8,400        | 193          | -          |
| <b>8/10/2022</b> | <b>Step 2</b> | <b>\$ 500,000</b>   | <b>\$1.30/W to \$7,800</b> | -            | <b>63</b>  |
|                  | Step 3        | \$ 500,000          | \$1.20/W to \$7,200        | -            | 68         |
|                  | Step 4        | TBD                 | TBD                        | -            | TBD        |
|                  |               | <b>\$ 2,500,000</b> |                            | <b>193</b>   | <b>131</b> |

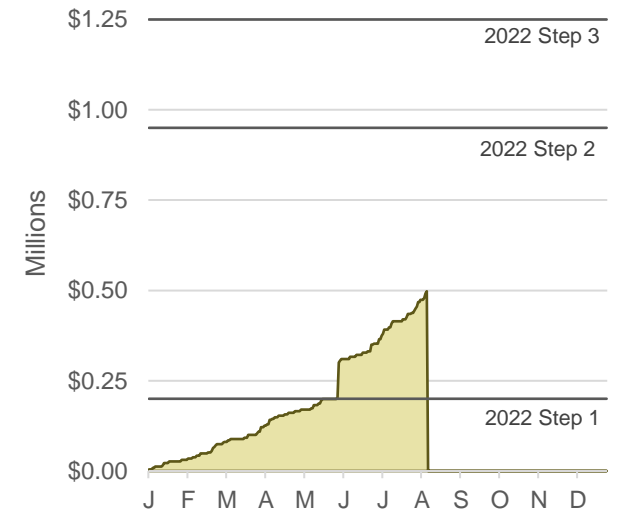
| Applications   |             | Solar        |          |
|----------------|-------------|--------------|----------|
| Total Projects | 193         | Projects     | 177      |
| Incentives     | \$1,529,647 | Average Size | 8.7 kW   |
| Capacity (kW)  | 1,709 kW    | Average Cost | \$3.54/W |



**Pacific Power**

| Date            | Step          | Solar Within Reach  |                               | Applications |            |
|-----------------|---------------|---------------------|-------------------------------|--------------|------------|
|                 |               | Allocation          | Incentive Rate                | Received     | Remaining  |
| 1/1/2022        | Step 1        | \$ 200,000          | \$0.70/W to \$4,200           | 52           | -          |
| <b>6/1/2022</b> | <b>Step 2</b> | <b>\$ 750,000</b>   | <b>\$1.00/W up to \$6,000</b> | <b>54</b>    | <b>70</b>  |
|                 | Step 3        | \$ 300,000          | \$0.90/W up to \$5,400        | -            | 55         |
|                 | Step 4        | TBD                 | \$0.80/W up to \$4,800        | -            |            |
|                 |               | <b>\$ 1,250,000</b> |                               | <b>106</b>   | <b>125</b> |

| Applications   |           | Solar        |          |
|----------------|-----------|--------------|----------|
| Total Projects | 106       | Projects     | 98       |
| Incentives     | \$500,293 | Average Size | 8.3 kW   |
| Capacity (kW)  | 899 kW    | Average Cost | \$3.47/W |

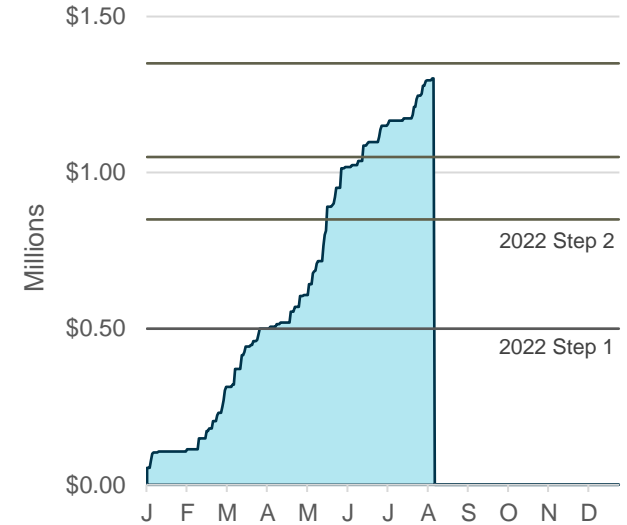


**Portland General Electric**

Size Maximum: 400 kW-DC

| Date                | Step          | Allocation*       | Solar for Businesses             | Applications |                |
|---------------------|---------------|-------------------|----------------------------------|--------------|----------------|
|                     |               |                   |                                  | Received     | Remaining      |
| 1/1/2022            | Step 1        | \$ 500,000        | \$0.45 - \$0.20/W up to \$35,000 | 34           | -              |
| 4/1/2022            | Step 2        | \$ 350,000        | \$0.35/W up to \$35,000          | 23           | -              |
| 5/20/2022           | Step 3        | \$ 200,000        | \$0.30/W up to \$30,000          | 14           | -              |
| <b>6/17/2022</b>    | <b>Step 4</b> | <b>\$ 300,000</b> | <b>\$0.25/W up to \$25,000</b>   | <b>27</b>    | <b>About 5</b> |
|                     | Step 5        | \$ 250,000        | \$0.20/W up to \$20,000          | -            | About 29       |
| <b>\$ 1,350,000</b> |               |                   |                                  | <b>98</b>    |                |

| Applications   |             | Averages      |          |
|----------------|-------------|---------------|----------|
| Total Projects | 98          | Capacity (kW) | 57.85 kW |
| Incentives     | \$1,297,496 | Cost (\$/W)   | \$2.60/W |
| Capacity (kW)  | 5,669 kW    |               |          |

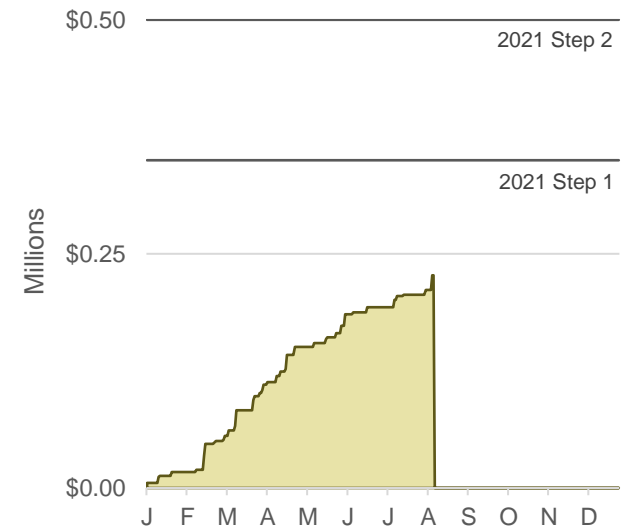


**Pacific Power**

Size Maximum: 200 kW-DC

| Date              | Step          | Allocation*       | Solar for Businesses           | Applications |                 |
|-------------------|---------------|-------------------|--------------------------------|--------------|-----------------|
|                   |               |                   |                                | Received     | Remaining       |
| <b>1/1/2022</b>   | <b>Step 1</b> | <b>\$ 350,000</b> | <b>\$0.20/W up to \$20,000</b> | <b>54</b>    | <b>About 29</b> |
|                   | Step 2        | \$ 150,000        | \$0.18/W up to \$18,000        | -            | About 33        |
| <b>\$ 500,000</b> |               |                   |                                | <b>54</b>    |                 |

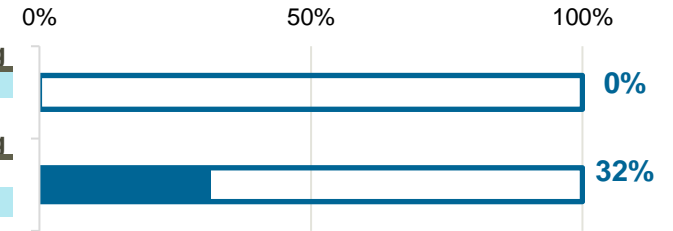
| Applications   |           | Averages      |          |
|----------------|-----------|---------------|----------|
| Total Projects | 54        | Capacity (kW) | 21.03 kW |
| Incentives     | \$227,127 | Cost (\$/W)   | \$2.71/W |
| Capacity (kW)  | 1,136 kW  |               |          |



**Portland General Electric**

Size Maximum: 360 kW-AC

| Date     | Step   | Allocation | Solar for Tribes         | Applications Received | Applications Remaining |
|----------|--------|------------|--------------------------|-----------------------|------------------------|
| 1/1/2022 | Step 1 | \$ 400,000 | \$1.50/W up to \$120,000 | -                     | 3 to 5                 |
| <hr/>    |        |            |                          |                       |                        |
| Date     | Step   | Allocation | Affordable Multifamily   | Applications Received | Applications Remaining |
| 1/1/2022 | Step 1 | \$ 600,000 | \$1.50/W up to \$120,000 | 6                     | -                      |
| 7/6/2022 | Step 2 | \$ 600,000 | \$1.25/W up to \$75,000  | 3                     | 5 to 6                 |
| <hr/>    |        |            |                          |                       |                        |
| Date     | Step   | Allocation | Qualifying Nonprofits    | Applications Received | Applications Remaining |
| 1/1/2022 | Step 1 | \$ 250,000 | \$1.40/W up to \$112,000 | 3                     | -                      |

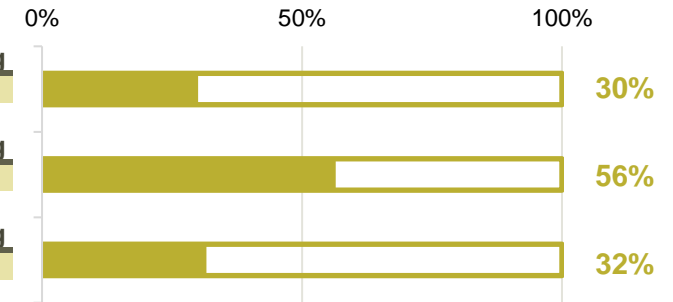


| Applications   |             | Averages      |          |
|----------------|-------------|---------------|----------|
| Total Projects | 12          | Capacity (kW) | 86.46 kW |
| Incentives     | \$1,079,090 | Cost (\$/W)   | \$2.23/W |
| Capacity (kW)  | 1,038 kW    |               |          |

**Pacific Power**

Size Maximum: 360 kW-AC

| Date     | Step   | Allocation | Solar for Tribes        | Applications Received | Applications Remaining |
|----------|--------|------------|-------------------------|-----------------------|------------------------|
| 1/1/2022 | Step 1 | \$ 250,000 | \$1.25/W up to \$75,000 | 1                     | 2 to 2                 |
| <hr/>    |        |            |                         |                       |                        |
| Date     | Step   | Allocation | Affordable Multifamily  | Applications Received | Applications Remaining |
| 1/1/2022 | Step 1 | \$ 500,000 | \$1.00/W up to \$60,000 | 11                    | 3 to 7                 |
| <hr/>    |        |            |                         |                       |                        |
| Date     | Step   | Allocation | Qualifying Nonprofits   | Applications Received | Applications Remaining |
| 7/6/2022 | Step 1 | \$ 250,000 | \$0.75/W up to \$45,000 | 3                     | 4 to 5                 |



| Applications   |           | Averages      |          |
|----------------|-----------|---------------|----------|
| Total Projects | 15        | Capacity (kW) | 63.2 kW  |
| Incentives     | \$436,443 | Cost (\$/W)   | \$2.10/W |
| Capacity (kW)  | 948 kW    |               |          |

The PGE Smart Battery Pilot is a research study to connect 525 batteries at customer homes to the PGE Grid. Over a five-year period, we'll learn more about the most efficient and effective ways to store power and further modernize our grid.

[www.portlandgeneral.com/smartbattery](http://www.portlandgeneral.com/smartbattery)



Energy Trust has partnered with PGE to administer the battery enrollment and rebate application process for the duration of the Pilot. Available rebates are posted below. You can apply for rebates and request verifications as part of the Energy Trust incentive application

|                        | On-Bill Reward | Charging Requirements   |
|------------------------|----------------|---|
| <b>On-Bill Rewards</b> | Option 1       | \$20 per month<br>Battery is charged only by solar.   |
|                        | Option 2       | \$40 per month<br>Battery can also charge from PGE's grid and can be standalone or paired with solar. |

|                           |           |                            |           |                                 |            |
|---------------------------|-----------|----------------------------|-----------|---------------------------------|------------|
| <b>Customers Enrolled</b> | <b>25</b> | <b>Enrollments Pending</b> | <b>44</b> | <b>Pilot Openings Remaining</b> | <b>456</b> |
|---------------------------|-----------|----------------------------|-----------|---------------------------------|------------|

| PGE Smart Battery Pilot Instant Rebates |                      |                    |                        | Reserved to date |                    | Remaining           |
|---|----------------------|--------------------|------------------------|------------------|--------------------|---------------------|
| Step                                    | Start Date           | Rebate             | Pilot Target           | Rebate           | Projects           | Projects            |
| <del>Income Qualified Rebate</del>      | <del>10/1/2020</del> | <del>\$5,000</del> | <del>25 projects</del> | \$ -             | 25 projects        | 0 projects          |
| <b>Test Bed Rebate (Tier 1)</b>         | <b>10/1/2020</b>     | <b>\$3,000</b>     | <b>67 projects</b>     | <b>\$ 6,000</b>  | <b>2 projects</b>  | <b>65 projects</b>  |
| Test Bed Rebate (Tier 2)                |                      | \$2,000            | 67 projects            |                  |                    | 67 projects         |
| Test Bed Rebate (Tier 3)                |                      | \$1,000            | 66 projects            |                  |                    | 66 projects         |
| <b>Total</b>                            |                      |                    |                        | <b>\$ 6,000</b>  | <b>27 projects</b> | <b>198 projects</b> |