

NREL Utility Green Pricing Program Survey (2023 data)

Entry Type	Description
Text	The user can enter any text to answer the question
Numeric	The user may only enter numbers to answer the question

All sales (MWh) should represent sales above and beyond RPS, i.e., only those RECs retired exclusively on behalf of program participants.

PROGRAM

Please complete the following fields:

Name of utility:	PUGET SOUND ENERGY
Program name:	GREEN DIRECT
Contact name:	TYLER O'FARRELL
Contact email:	Tyler.ofarrell@pse.com
Contact phone number:	425.941.4250

CUSTOMERS AND SALES

Note:

Green Pricing: A green pricing program retires Renewable Energy Certificates (RECs) on behalf of retail electricity customers. RECs need not come from any specific generators. Customers typically enroll without making any long-term commitment and often pay for their participation through an additional line item on their bills.

Green Tariff: A green tariff is a program where non-residential customers make long term contractual commitments to buy RECs from a specific renewable energy generator or generators. The key distinction is the contractual commitment and the fact that RECs come from a specific generator(s).

Please complete the following fields for **RESIDENTIAL** customers and sales:

Number of customers enrolled in green pricing	#
Total green pricing sales (MWh)	#
Total number of new customers	#
Number of customers eligible for green pricing	0
Total utility sales (MWh)	#
Additional comments	(Text)

Please complete the following fields for **NON-RESIDENTIAL** customers and sales*:

Number of customers enrolled in green pricing	#
Total green pricing sales (MWh)	#
Total number of new customers	#
Number of customer eligible for green pricing	#
Number of customers enrolled in green tariffs	39
Total green tariff sales (MWh)	724,241
Total utility sales (MWh)	8,637,063
Total number of customers eligible for green pricing or green tariffs	NA
Additional comments	(Text)

*All sales (MWh) should represent sales above and beyond RPS, i.e., only those RECs retired exclusively on behalf of program participants.

PROGRAMS OFFERED THROUGH DISTRIBUTION UTILITIES

For programs that are offered through multiple distribution cooperatives or municipal utilities, please provide:

Number of distribution utilities that offer the green power program	#
List any utilities with >4% participation rate and indicate the utility's participation rate	(Text)
List any utilities with >2% green power sales as a percentage of total retail electricity sales and indicate the utility's rate	(Text)
List any utilities using ≤2% solar to supply their program, and indicate the utility's rate	(Text)
Additional comments	(Text)

RESOURCES

Please indicate the percentage (0-100%) that each resource contributes to the green power product.

Wind	54%
Solar	46%
Hydroelectric	#
Geothermal	#
Landfill gas	#
Other biomass	#
Additional comments	(Text)

What percentage (0-100%) of green power sales sourced from systems were built or repowered after January 1, 2007? Please indicate the percentages of ownership type of the resources used for the program.

Renewable projects fully owned by utility	#
Renewable projects partially owned by utility	#
Bundled REC products purchased from other supplier	100%
Unbundled RECs	#
Customer-owned projects (e.g., PV)	#
Additional comments	(Text)

Approximately what % of RECs retired in 2023 come from generators that came online after October 1, 2021?

46%

Please indicate the percentage (0-100%) of supply that is located:

Within utility service territory	#
Within state	100%
Within region	#
Define region	(Text)

Of the renewable energy supply types used to supply your program, what percentages come from various contract lengths?

	<1 year	2-5 years	6-10 years	>11 years
Projects owned or partially owned by your utility	#	#	#	#
Purchases from other suppliers/producers (REC bundled with electricity)	#	#	#	100%
Unbundled REC purchases	#	#	#	#
Renewable electricity produced by utility customers (e.g., PV)	#	#	#	#
Additional comments	(Text)			

PRICING

Please indicate residential and non-residential price premiums for green pricing products in terms of \$/kWh. If the product is sold in kWh blocks, please convert into units of \$/kWh.

Residential (\$/kWh)	#
Non-residential (\$/kWh)	#
Notes	Green Direct pricing is based on length of agreement (10, 15, 18 or 20 year)

Are customers exempt from fuel charges, and if so, how much are the fuel charges (\$/kWh)?

Are residential customers exempt from fuel charges? (Yes/No)	(Text)
Residential fuel charge in December 2023 (\$/kWh)	#
Are non-residential customers exempt from fuel charges? (Yes/No)	(Text)
Non-residential fuel charge in December 2023 (\$/kWh)	#

Does the utility have any plans to modify the current green pricing product, or introduce community solar or green tariff?

Introduce community solar (Yes/No)	NO
Introduce green tariff (Yes/No)	NO
Introduce a green gas product (e.g., hydrogen, bio-propane, green methane) (Yes/No)	NO
Is the utility exploring 24/7 or other time-based REC products? If so please provide details about any initiatives	NO
Additional comments:	(Text)

COMMUNITY BENEFITS & EQUITY

We have added this section to better understand how equity considerations may influence the voluntary green power market. Responses will be integrated into our final report in generalities and are meant to inform our thinking of how to continue to help inform and enable equitable community energy transitions. Note: This does not impact NREL's annual utility green pricing program rankings.

Questions:

Has your program taken any measures to engage with local communities? (e.g., dedicated staff and % of staff hours dedicated to community engagement, providing a platform to address concerns and seek inputs from community, etc.) If yes, please describe.

Yes, PSE has one FTE dedicated to fostering relationships and partnering with name communities and limited income customers. We also work with local governments to identify and site new community solar arrays.

Do you have any mechanisms for ensuring that information is readily available and accessible for members of your community? (e.g., language translation; physical copies of announcements, policies, and processes; help desk) If yes, please describe.

Yes, PSE.com is readily available in multiple languages based on customer preferences. Marketing materials for voluntary renewables are transcreated to Spanish, we have a dedicated Spanish email inbox for customers to send inquires and questions and the PSE outreach team is skilled at multilingual engagement. In addition we offer print enrollment forms and some collateral by request as well as an Energy Advisor team monitoring phones and email for personalized discussions.

Has your program evaluated or received feedback regarding economic impacts that your program has enabled in your community? (e.g., jobs creation, or training into renewable energy jobs, contributing to the renewable energy workforce labor pool)

Some. The Green Power Solar Grant program, which is funded by Green Power and Solar Choice participants, considers workforce development in its competitive process application review process. In addition the Community Solar program has offered student job shadowing through its solar array design consultant.

Do you consider the needs of underserved communities by adjusting pricing or offering personalized services? If yes, please describe.

Yes, Community Solar offers a no-cost option for income eligible customers. Currently 40% of program participants receive their share of Community Solar without having to pay the share price.

Thank you for your time contributing to this year's Status and Trends in the U.S. Voluntary Green Power Market report!