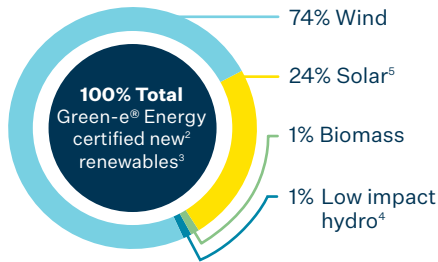


2022 Green FutureSM historic product content labels¹



Green Future Choice and Green Future Block

Green Future Choice is equal to 100% of your electricity usage. Green Future Block is sold in 200 kilowatt-hour (kWh) blocks. These are Renewable Energy Certificate (REC) products and do not contain electricity, which is billed separately. A REC represents the environmental benefits of 1 megawatt-hour (MWh) of renewable energy.

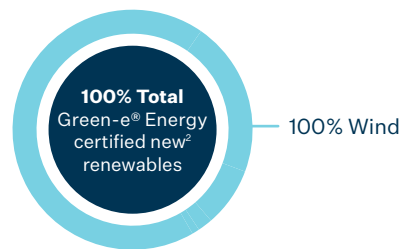


GENERATION LOCATION

Wind: OR, ID, MT, UT, CO, WY
Solar: OR, ID, MT, UT
Biomass: OR, ID
Low impact hydro: ID

Green Future Enterprise

Green Future Enterprise is a Green-e[®] Energy certified Renewable Energy certificate (REC) product. Renewable Energy Certificates (RECs) do not contain electricity. A REC represents the environmental benefits of 1 megawatt-hour (MWh) of renewable energy that can be paired with electricity. You can purchase RECs up to 100% of your PGE served electricity load, subject to availability, with a minimum purchase of 1,000 kWh per month. PGE is supplying your electricity. Green-e[®] Energy has only certified the RECs, which may be sourced from outside of your local electricity distribution area. For more information, see green-e.org/rec.



GENERATION LOCATION

National wind: TX, OK, KS, NE
Local wind: ID

Here's how that compares to the average mix in the 2022 PGE Basic Service Mix:⁶

34% Natural gas	26% Hydro	10% Wind
21% Other unspecified	6% Coal	3% Solar

Want to know more about Green Future?

Drop us a line and we'll be happy to answer your questions.

800-542-8818

greenfuture@pgn.com

portlandgeneral.com/greenfuture

PGE, P.O. Box 4404, Portland, OR 97204

1. These figures reflect the renewables delivered to Green Future Choice, Green Future Block and Green Future Enterprise customers during calendar year 2022. For the projected product content in 2023, please see: portlandgeneral.com/greenfuturecontent.
2. New renewables come from generation facilities that first began commercial operation within the past 15 years.
3. Product made up of new renewable resources averaged annually.
4. Eligible hydroelectric facilities are defined in the Green-e[®] Energy National Standard (green-e.org/standard) and include facilities certified by the Low Impact Hydropower Institute (LIHI) (lowimpacthydro.org) or EcoLogo (ecologo.org) and facilities comprised of a turbine in a pipeline or a turbine in an irrigation canal.
5. The Wheatridge Renewable Energy Facility, owned in part by PGE, supplied a portion of the wind and solar RECs through Green Future Choice and Green Future Block in 2022. See portlandgeneral.com/wheatridge for info about this facility.
6. Based on energy served to retail customers within the State of Oregon, as required by the Oregon Department of Environmental Quality (ODEQ). Some or all of the renewable energy attributes associated with PGE's Basic Service Mix may be sold, claimed, or not acquired.
7. Green Future Choice is approved by Oregon Department of Environmental Quality (ODEQ) to generate incremental Clean Fuels Program credits as set forth in OAR 340-253-0470. Residential Green Future Choice participants who charge an electric vehicle at home also support transportation electrification programs that benefit residential utility customers.

All percentages are approximate and may not add up to exactly 100% due to rounding.



Green Future Choice, Green Future Block and Green Future Enterprise are Green-e[®] Energy certified and meet the environmental and consumer-protection standards set forth by the nonprofit Center for Resource Solutions. Learn more at green-e.org.