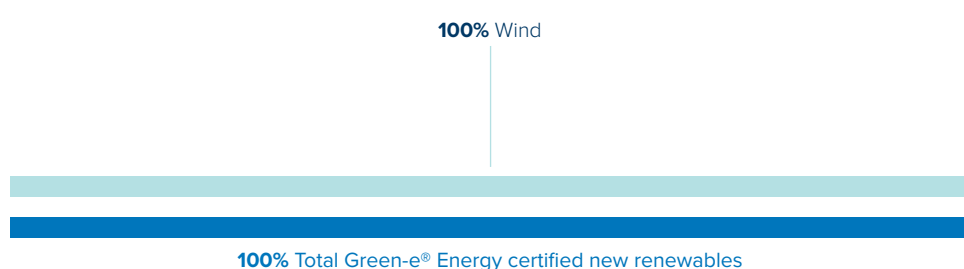


2019 Clean WindSM historic product content label¹

When you enroll in Clean Wind, you purchase renewable energy certificates (RECs) equal to your monthly electricity use from a blend of renewable energy sources. A REC is created when a megawatt hour of renewable energy is produced and delivered to the grid. RECs increase demand and drive development of more renewable energy sources. All RECs purchased on behalf of Clean Wind customers conform to Green-e[®] Energy National Standards and are registered with the Western Renewable Energy Generation Information System (WREGIS). Our customers' Clean Wind purchases support Western region-supplied new renewable energy. Clean Wind matches 100% of your estimated electricity usage. In 2019 Clean Wind was made up of the following new renewable resources averaged annually.

Green-e[®] Energy certified new² renewables in Clean Wind



Generation location



Oregon, Washington, Idaho, Utah and Wyoming

For comparison, the current average mix of resources supplying the PGE Basic Service mix included:

This resource mix was prepared in accordance with Oregon Administrative Rule 860-038-0300.

- | | |
|--------------------------|-----------------------|
| 41% Natural gas | <1% Solar |
| 32% Hydroelectric | <1% Biomass |
| 19% Coal | <1% Waste |
| 5% Wind | <1% Other |
| 2% Nuclear | |



The average home in the United States uses
897 kWh per month.

[Source: U.S. EIA, 2016]



For specific information about this electricity product, please contact Portland General Electric by phone at 800-542-8818, email greenfuture@pgn.com, visit portlandgeneral.com/greenfuture or write to Portland General Electric, P.O. Box 4404, Portland, OR 97204.



Clean Wind is Green-e[®] Energy certified, and meets the environmental and consumer-protection standards set forth by the nonprofit Center for Resource Solutions. Learn more at green-e.org.

1. These figures reflect the renewables delivered to Clean Wind customers during calendar year 2019. For the projected product content for Clean Wind in 2020, please see: portlandgeneral.com/cleanwindprojected.
2. New renewables come from generation facilities that first began commercial operation within the past 15 years.