



Hempitecture Goes 100% Renewable

Hempitecture is a public-benefit corporation whose mission is to make natural, non-toxic building materials the industry standard — benefitting people and the planet, while leaving behind a negative carbon footprint. They started manufacturing hemp-based products earlier this year in Jerome, including building insulation, acoustic insulation, hemp and lime biocomposites and blocks, and coming soon — vapor barriers.

To support their goal of maintaining a sustainable, carbon-negative operation, they aim to use 100% renewable energy to produce their products. After evaluating several on-site power generation options, they joined Idaho Power's Green Power program. CEO and Founder Mattie Mead said, "It made sense to buy into the infrastructure that's already been created," when other options came with a hefty up-front cost and required more time to implement.

Participating in the Green Power program not only made sense financially, but allowed the company to use renewables to power

their manufacturing operations and reduce their carbon footprint. According to Mead, for every square foot of insulation they produce, they offset one gram of carbon* using renewable energy for production means there's opportunity to avoid more carbon from traditional energy generation. "Manufacturing requires a lot of energy, and it's just the right thing to do. We want to reduce our carbon footprint and encourage renewable energy growth to lower environmental impact in Idaho," said Mead. "Using renewables tells a compelling story about the company — not just for customers, but for investors."

In addition to using 100% renewable energy through the Green Power Program, Hempitecture is mindful of other practices that contribute to wise energy use and a sustainable business model — like using LED lightbulbs and light sensors to control when and how many lights come on, based on available sunlight.

To learn more about Hempitecture, visit hempitecture.com.

"I believe the Green Power Program creates an opportunity for expanding our renewable energy portfolio in Idaho and the Pacific Northwest. Participating in the Green Power Program helps pave a path forward for more renewable energy in our region."

**—Mattie Mead,
CEO & Founder**



* HempWool® has a negative carbon footprint, meaning that it offsets and stores more carbon dioxide than is emitted from the manufacturing of the product itself. [Hempitecture.com](https://hempitecture.com).



Preserving Our Region's History

From evidence of prehistoric inhabitants to the tracks of the Oregon Trail, our region contains a variety of cultural resources (evidence or places of past human activity). Idaho Power manages and protects nearly 2,000 sites in our service area. Studying them helps us understand the past and provides a guide for future actions.

Cultural resources include:

- Archaeological sites
- Historic buildings and structures
- Artifacts
- Historic lands
- Traditional cultural lands

The professionals in Idaho Power's Archaeology and Cultural Resources Program help care for these resources in the areas we serve. Their roles include identifying and cataloging cultural resources that could be impacted by our operations, preserving historic structures (including some of our own) and working with federal, state and local agencies to comply with laws governing the protection of historically significant sites and artifacts.

Interested in Idaho's natural history? The [Digital Atlas of Idaho](#), an Idaho State University website, has detailed descriptions of Idaho's natural history, photos, maps, sounds and glossaries.

Green Power 2023

This year, Green Power will be sourced from 95% wind energy and 5% solar energy. See the Product Content Label below for more information.

Idaho Power's Green Power Product Content Label

This label is part of our Green-e® Energy certification and is provided to participants each year. The label shows the anticipated green power sources for this year and the actual sources for last year.

100% Green-e® Energy Certified New ¹ Renewables	
Product Content Labels:	Energy Resource Mix and Generation facilities' locations:
2023 Prospective ² (Planned) Supply	95% Wind and 5% Solar from Idaho, Oregon or Washington facilities
2022 Historical ³ (Actual) Supply	50% Wind and 50% Solar from Idaho and Oregon facilities

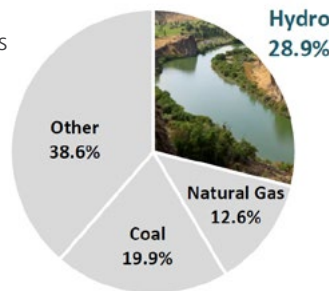
1. New renewables come from generation facilities that first began commercial operation within the past 15 years.
2. Prospective figures reflect the renewables that we plan to provide for the current year, but actuals may vary based on resource supply. The current year's actual figures will be reported by August next year in the Historical column.
3. Historical figures reflect the actual renewables provided to Idaho Power's Green Power customers last year.

How does Green Power compare to the standard energy mix?

Idaho Power's 2022 mix of resources supplying Idaho Power customers included: hydroelectric (28.9%), coal (19.9%), natural gas (12.6%) and other (38.6%).

How is green power sold?

Green power is sold in blocks of 100 kilowatt-hours (kWh) or matches 100% of your energy (kWh) use. As of 2022, the average home in Idaho Power's service area uses about 950 kWh per month. For the average home, the 100% Option would add an average of \$9.50 to the monthly bill to use 100% renewable energy. As an example of the Block Option, the home could use 5 blocks of green power to cover over half of the home's energy use for an extra \$5.00 each month.



Green Power 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](#).

Solar 4R Schools Awarded to Sacred Heart Catholic School



Sacred Heart Catholic School is the latest recipient of the Solar 4R Schools grant. Funded by Green Power Program participants and administered by Idaho Power, Solar 4R Schools educates students about renewable energy by placing solar installations on school property, along with a data-monitoring system and corresponding curriculum package.

"These days, our students are seeing more and more solar panels when they're driving down the highway. Since we're a school with a strong focus on STEM projects, we thought having a life-size solar installation would be so beneficial and make it real," said Carol Gado, Sacred Heart science and math teacher.

Thank you for supporting Green Power and Solar 4R Schools. To learn more about Solar 4R Schools, visit [idahopower.com/solar4Rschools](#).

Green Power Impact 2022

Your participation is something to be proud of!

Total participants:

4,869

Total kilowatt-hours:

37,518,217

Equivalent to:

6,077 vehicles removed from the road

31,008 tons of CO₂ avoided

33,278 acres of U.S. forest absorbing CO₂ for one year

Source: U.S. EPA Greenhouse Gas Equivalencies Calculator and eGrid database release date 01/27/22.

For questions about the Green Power Program, contact:

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