



## NEW 20-YEAR PLAN Emphasizes Reliable, Affordable, Clean Energy

**For the first time in company history, Idaho Power's 20-year plan does not identify a need for new carbon-emitting resources. It also highlights the addition of significant amounts of solar, wind and battery storage capacity and the importance of the Boardman to Hemingway (B2H) 500-kilovolt (KV) transmission line.**

Idaho Power completed the 2021 Integrated Resource Plan (IRP) in late December, outlining the company's plan to continue providing reliable and affordable energy to our rapidly growing customer base while working toward our goal of 100% clean energy by 2045. We file an IRP with state regulators every two years, forecasting our customers' need for energy over the next 20 years and assessing our best options for meeting that need. This is our 15th plan.

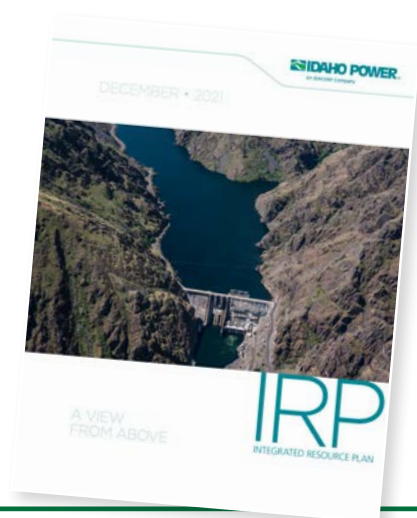
The 2021 IRP forecasts the number of customers being served by Idaho Power will increase to 847,000 by 2040. The company currently serves more than 600,000 customers. During this period, energy demand is projected to grow by an average of 1.4% per year.

In addition to anticipating no new carbon-emitting power plants, the plan shows us phasing out our interest in coal-fired energy by the end of 2028, two years earlier than previous estimates. Under the plan, two units at the Jim Bridger coal-fired plant in Wyoming will be converted to natural gas by 2024 as an interim step toward our clean energy goal.

The plan also includes the addition of 3,790 megawatts (MW) of new, clean resources, including wind and solar, as well as storage technologies, the addition of Boardman to Hemingway in 2026, and a variety of demand-side management resource additions totaling 540 MW. Demand-side management, including energy efficiency and demand-response programs, helps reduce energy use during periods of high demand on hot summer days.

Monthly meetings with the IRP advisory council, which represents a wide range of customer groups and regulators, informed the 2021 IRP, which is being reviewed by Idaho and Oregon public utility commissions.

The 2021 IRP is available at [idahopower.com/IRP](https://idahopower.com/IRP).





## You're in Charge!

We've upgraded everything you love about My Account and added a few extra features to make managing your Idaho Power account and energy use easier than ever.

You can now pay your bill with two clicks, pay with a credit card\* and save your payment methods for fast, easy payments. You can also set energy-savings goals and follow steps to achieve them.

While you're there, see if your contact information is up to date — especially your email and phone number. This will allow you to receive information about other Idaho Power news, program offerings and energy-saving opportunities.

[idahopower.com/myaccount](http://idahopower.com/myaccount)

\*\$2.75 convenience fee applies to credit card transactions.

# Sewing Change in the Community



The Twin Falls Sewing Center has been a proud Green Power Program participant since 2017. By using 100% Green Power, they've lowered their carbon footprint by 21,120 pounds of CO<sub>2</sub> per year — the amount of renewable energy they use is equivalent to taking five cars off the road.\*

\* U.S. EPA GHG Calculator and eGRID, 2022

**"Renewable resources are definitely the way to go and are so much better for the environment — they're much more sustainable. Participating in the Green Power program ensures the Twin Falls Sewing Center is providing for the future. It really helps when everyone does a little bit — it can add up to a lot of change."**

~ Kaysie, Twin Falls Sewing Center Store Manager

In addition to participating in the Green Power program, the sewing center has a strong focus on recycling. They recycle all cardboard and regular paper packing materials. They use both sides of writing paper, re-use packaging and boxes (multiple times) and recycle pallets.

Idaho Power is proud of all our Green Power business participants and their efforts to make the world a little greener. See all your local businesses that support the Green Power Program at [idahopower.com/greenpower](http://idahopower.com/greenpower).



## 2021 Green Power Impact

Total Participants: **4,312**  **26%**

Total Kilowatt-hours: **29,681,750**

Equivalent to:



**4,749** vehicles removed from the road

OR



**24,005** tons of carbon dioxide avoided

OR



**26,683** acres of U.S. forest absorbing CO<sub>2</sub> for one year

## 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 sources of Green Power for 2022.

### 2022 Prospective Product Content Label<sup>1</sup>

#### 100% Green-e® Energy Certified New<sup>2</sup> Renewables

Generation facilities' location: Idaho, Oregon or Washington

Energy Resource Mix: 50% Solar, 50% Wind

1. These figures reflect the renewables that we plan to provide. Actual figures may vary according to resource availability. Before August 1 of next year, we will provide a Historical Product Content Label to report the actual resource mix of the green power purchased for the previous calendar year.
2. New Renewables come from generation facilities that first began commercial operation within the past 15 years.

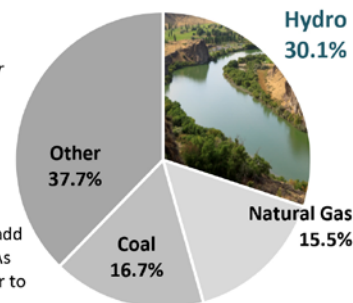
#### How does Green Power compare to the standard energy mix?

Idaho Power's 2021 mix of resources supplying Idaho Power customers included: Hydroelectric (30.1%), Coal (16.7%), Natural Gas (15.5%) and Other (37.7%).

#### How is green power sold?

Green Power is sold in blocks of 100 kilowatt-hours (kWh) or matches 100 percent of your energy (kWh) use.

The average home in Idaho Power's service area uses about 950 kWh per month (Idaho Power 2019). For the average home, the 100% Option would add an average \$9.50 to the monthly bill to use 100 percent 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](http://green-e.org).

Source: U.S. EPA Greenhouse Gas Equivalencies Calculator and eGrid database release date 12/23/21.

For specific information about this program, contact Idaho Power at 1-800-632-6605, [greenpower@idahopower.com](mailto:greenpower@idahopower.com) or [idahopower.com/greenpower](http://idahopower.com/greenpower).





# Idaho Power's New Sturgeon Hatchery

**One of the oldest creatures on the planet is getting some help from modern technology, thanks to Idaho Power and the Idaho Department of Fish and Game (IDFG).**

White sturgeon began swimming in rivers long before the first T-Rex tromped through prehistoric jungles. And they are still around, inhabiting the Snake River from Shoshone Falls downstream through Hells Canyon and beyond.

Idaho Power's newest hatchery, dedicated to increasing the population of these bottom-feeding behemoths, opened in 2021 at Niagara Springs, south of Wendell. The hatchery aims to produce up to 2,500 juvenile sturgeon each year for release into the Snake River between Shoshone Falls and Brownlee.

Rather than relying on the traditional method of capturing adults and spawning them in a hatchery, biologists are using a technique called "repatriation" to produce the next generation of sturgeon.

"Basically, we collect fertilized eggs from different areas of the Snake River where we know the sturgeon spawn, and we bring those eggs into the hatchery where the odds of them surviving and growing into adult fish are much higher than in the wild," said project leader Phil Bates.

As the eggs from many different parents mingle together, Idaho Power biologists use specifically designed nets to gather eggs directly from the water, or special mats that

collect the eggs as they settle. Eggs hatch in 4–7 days. Within a few weeks they grow into larvae and learn how to eat. Once they figure it out, baby sturgeon are prolific feeders. After 10 months at the hatchery, the sturgeon grow to about 12 inches long and are ready for release back into the Snake River.



A tiny electronic tag placed under the skin will enable biologists who catch sturgeon during population surveys to track their life history.

Your great-grandchildren may have a chance to catch one, too. Many sturgeon live 80 years and grow to be over 8 feet long. Idaho Power biologists have recorded Snake River sturgeon longer than 10 feet.

**"Sturgeon are fascinating creatures. They really are a throwback to ancient times. Hopefully with a little help, they will be an important part of the river's future."**

**~ Phil Bates, Idaho Power Senior Resource Scientist**



## Sign Up for Idaho Power's EV Network

Idaho Power launched an online Electric Vehicle (EV) Network for current EV owners and those interested in learning more. Customers who sign up for the network will hear about future EV opportunities and news from Idaho Power. By signing up, customers will also help Idaho Power better identify the EV products and services our customers want most.

Idaho Power — a longtime supporter of electric vehicles — continually monitors EV technology and works with customers across our service area to add new charging stations. Idaho Power recently installed its first public EV charging station at Copperfield Park campground in Hells Canyon. Our company also has its own fleet of cost-effective, environmentally friendly EVs, which includes passenger cars, work trucks, forklifts and more. To learn more about owning an EV, visit [idahopower.com/EV](https://idahopower.com/EV).

If you'd like to sign up to join Idaho Power's EV Network, visit [idahopower.com/evnetwork](https://idahopower.com/evnetwork).



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# GreenPower PROGRAM


For questions about the  
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## Committed to Birds of Prey



Idaho Power's commitment to The Peregrine Fund's World Center for Birds of Prey grew stronger in 2021 with our sponsorship of a new exhibit as part of the World Center's expansion.

The new Hawk Flight Lab will offer visitors a first-hand look at how birds see power poles and electrical lines as spots for perching and nesting — especially in the desert where food is plentiful but tall trees are not — and explain how utilities protect raptors.

Some of the protection measures we implement as part of our routine operations include covering energized equipment, increasing spacing so birds don't make hazardous contact and building nesting platforms away from electrical equipment. These measures save wildlife and reduce power outages and equipment problems. The technology we've developed to help protect raptors has been used worldwide, from the Dominican Republic to Kenya.

In addition to supporting the new exhibit, we continue to support the World Center's programming, which enables more than 5,000 students each year

to learn science, technology, engineering and math (STEM) concepts through the lens of raptor conservation.

To learn more about Idaho Power's raptor protection program, visit [idahopower.com/ourenvironment](http://idahopower.com/ourenvironment).

**"Our relationship with The Peregrine Fund and the World Center for Birds of Prey is an important part of Idaho Power's mission to provide reliable electricity while protecting the birds and the landscapes we all love."**

**~ Natalie Turley,  
Idaho Power Biologist**

