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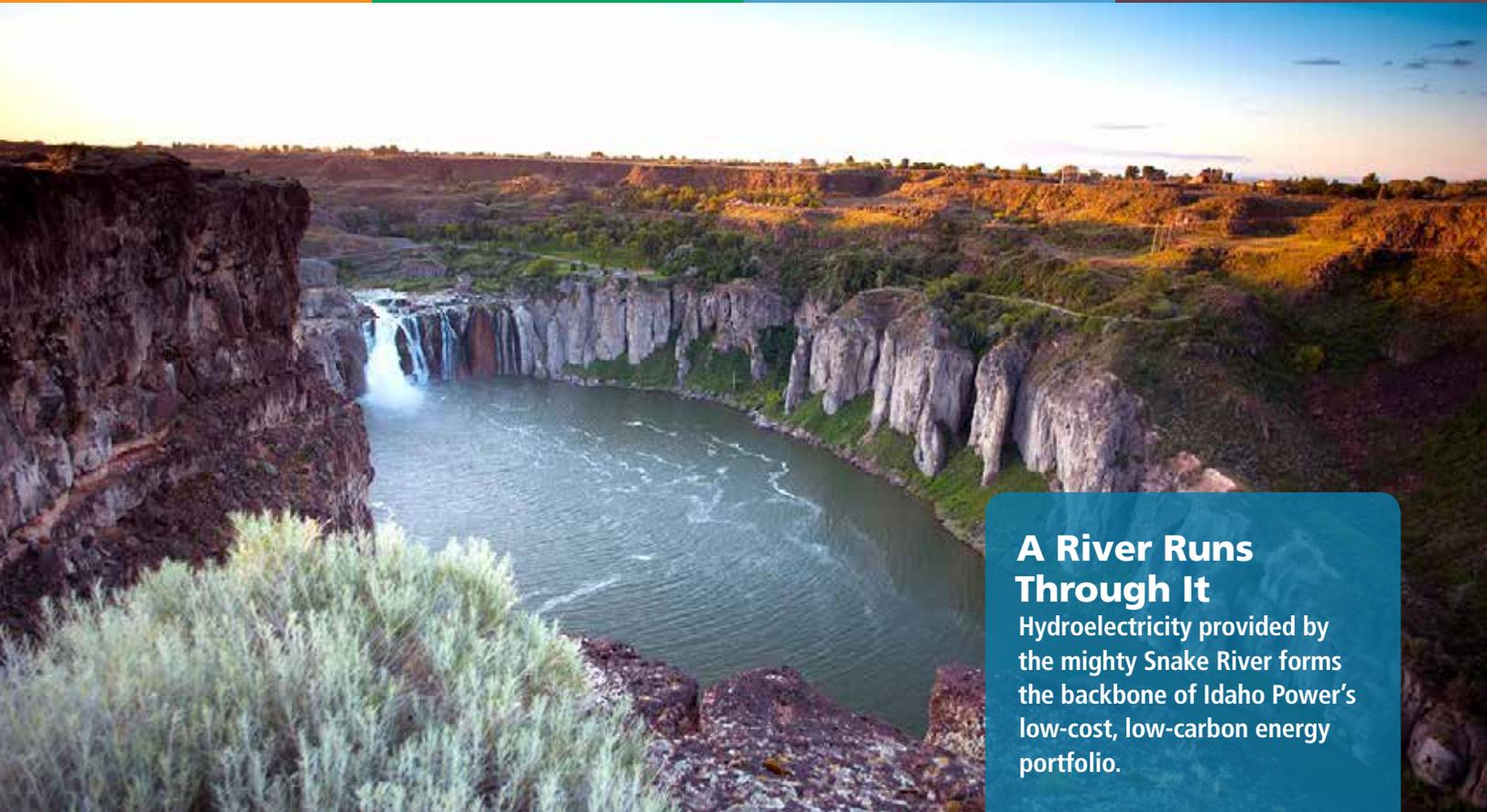
How Idaho Power's Energy  
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Reserve Your Camping Spot  
at an Idaho Power park!



**A River Runs  
Through It**

Hydroelectricity provided by the mighty Snake River forms the backbone of Idaho Power's low-cost, low-carbon energy portfolio.

## Hydroelectricity Keeps Your Energy Clean, Affordable

**In 2017, nearly half of the energy Idaho Power produced came from 17 hydro plants on the Snake River and its tributaries.**

Idaho Power customers enjoy some of the lowest energy rates in the country. But have you ever thought about where your electricity comes from?

Each spring, Idaho Power publishes its energy portfolio from the previous year. The portfolio shows which resources were used to produce or obtain electricity, with data broken down by hydroelectric, coal,

natural gas and purchased power. For 2017, Idaho Power's portfolio shows a continued decrease in carbon emissions while positioning the company as one of the nation's highest percentage generators of hydroelectricity.

Hydroelectricity accounted for 49.5 percent of Idaho Power's 2017 portfolio. In addition to being clean and renewable, hydro is the company's most cost-effective resource. At nearly 50 percent, Idaho Power's hydro generation far outpaces the 7.5 percent national average, according to data from the U.S. Energy

Information Administration (EIA).

"I think it's impressive that so much of our state's electricity is generated by the Snake River," said Pocatello customer Skyler Shippen. "It's great that hydroelectricity helps Idaho Power keep our rates lower and reduce carbon emissions, especially when we have a good water year."

Over the past decade, hydro has accounted for 47.2 percent of Idaho Power's annual generation. The 2017 hydro percentage was the company's

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# News Feed

## Idaho Power Proposes Rate Decrease Through FCA

Idaho Power recently filed its annual Fixed Cost Adjustment (FCA) with the Idaho Public Utilities Commission (IPUC). In the FCA, Idaho Power proposes a rate decrease that, if approved by the IPUC, would save the average Idaho residential customer \$3.60 on their monthly energy bill starting June 1.

Fixed costs cover infrastructure and administrative costs, including power lines, substations and billing services. The FCA adjusts prices up or down based on customer energy use in the previous year. In 2017, Idaho Power's energy efficiency programs saved enough electricity to power nearly 17,000 homes for a year. Despite the increase in energy efficiency, residential and small general service customers will experience a reduction in the surcharge because usage per customer in 2017 was greater than it was the year before.

Visit our YouTube channel to watch a video about how the FCA works.



## Summer Rates Start June 1

Idaho Power reminds customers that summer rates go into effect June 1. Our service area experiences its highest demand for energy in the summer, so rates increase during the months of June, July and August — including what Idaho Power pays for energy on the market.

For tips that can help you save energy and money this summer, watch a series of short videos with energy advisor Dave Spillett on our YouTube channel, or visit our website.



## Affordable Energy *(continued from page 1)*

highest since 2012 — and the current snowpack should continue to benefit our region this year.

“Hydro generation is a low-cost, low-carbon resource that varies from year to year depending on snowpack,” said Tess Park, Idaho Power's Vice President for Power Supply. “In 2018, we are poised to have a near-normal snowpack. That, coupled with carryover in reservoirs from an above-normal 2017, should result in another year where Idaho Power's hydro resources provide lots of low-cost, low-carbon energy to our customers.”

Hydro is one of several renewable resources in Idaho Power's portfolio. In 2017, energy purchased under long-term contracts from wind, solar and other generation resources accounted for an additional 18.7 percent of the portfolio mix. Idaho Power sells the Renewable Energy Credits (RECs) from long-term purchases of renewable energy and uses the proceeds to help keep customer rates as low as possible. Thus, the company does not state that it delivered that renewable energy to customers — though it does support alternative energy sources by passing along credit to the organizations that purchase the RECs.

Among long-term purchases, wind makes up the largest portion of the mix at 10 percent of total generation, followed by solar (3.2 percent), small hydro (2.8 percent) and geothermal (1.4 percent).

Most of Idaho Power's remaining generation comes from thermal power plants—three natural gas-fired plants the company owns and three coal-fired plants in which it is part-owner. Together with hydroelectric plants, thermal resources provide an important baseload component to Idaho Power's resource supply, which

is necessary for reliability of the grid. These plants combined to produce 26.7 percent of the energy in Idaho Power's 2017 portfolio. Coal generated 18.3 percent (down from 24.4 percent in 2016), while natural gas accounted for 8.4 percent (down from 10.4 percent in 2016).

Nationally, natural gas (31.7 percent) and coal (30.1 percent) make up more than 61 percent of utilities' average resource portfolios, according to the EIA.

Relying less heavily on thermal generation helps reduce carbon emissions, which is important to Idaho Power. In 2009, the company set a goal to reduce its CO<sub>2</sub> emissions intensity — the amount of CO<sub>2</sub> produced per megawatt hour of energy generated — by 10 to 15 percent compared to 2005 levels. That goal has been met and extended multiple times since then, and the current target is to keep emissions intensity 15 to 20 percent below 2005 levels through 2020.

Idaho Power's emissions continued a downward trend in 2017. The company set new lows for overall CO<sub>2</sub> emissions and emissions intensity for the year.

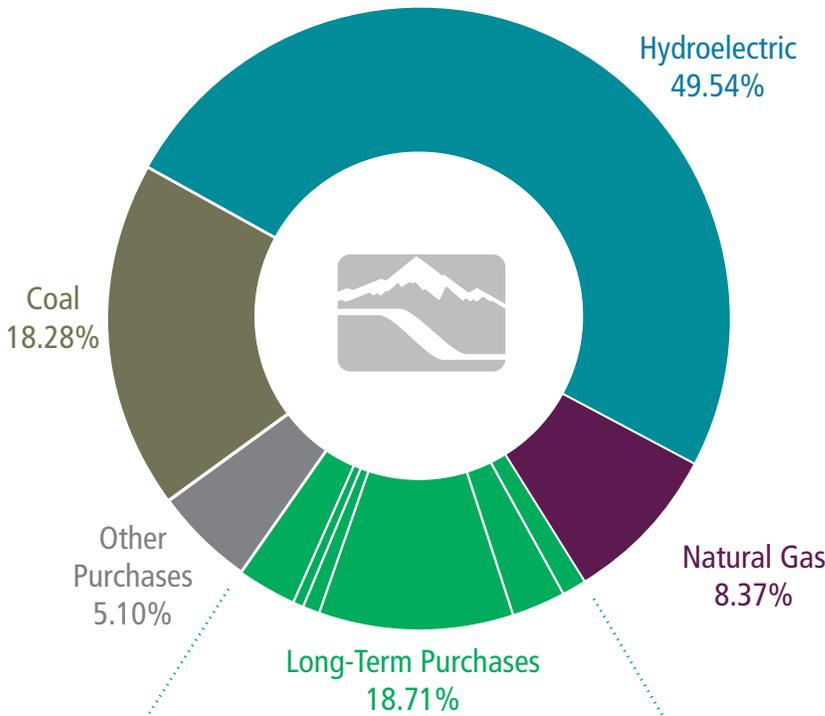
“We feel really good about our carbon-light portfolio,” said Adam Richins, Idaho Power's Vice President of Customer Operations and Business Development.

“There are states and cities spending millions to get what we already have. Perhaps more importantly, we have been able to substantially reduce carbon emissions while maintaining reliability and some of the lowest rates in the nation.”

The graphs to the right show Idaho Power's 2017 resource portfolio and how it compares to the national average. For more information, visit our website.



# Idaho Power's 2017 Energy Portfolio



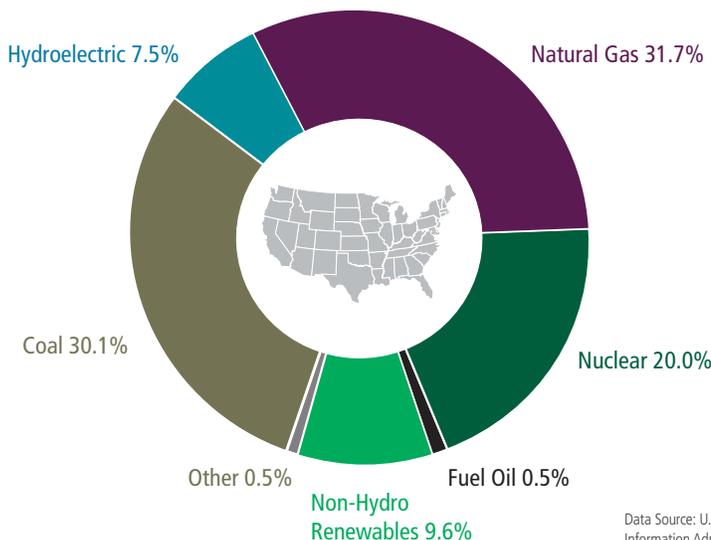
The breakdown of our long-term purchases:

Geothermal 1.43%	Biomass 0.78%
Hydro 2.85%	Other 0.39%
Wind 10.02%	Solar 3.23%

Idaho Power is committed to supporting renewable energy sources such as wind and solar, and we buy them as part of our portfolio mix. In turn, we sell the Renewable Energy Credits (RECs) we get from these purchases to offset power supply costs and keep customer prices as low as possible.

The buyer of the REC gets to claim that power as part of its energy. Therefore, we do not represent that electricity produced by this resource mix is being delivered to our retail customers. We do support these alternate energy sources, and we pass along that credit to the organizations that buy the RECs from us.

## National Average



Data Source: U.S. Energy Information Administration

# By the Numbers

## RESIDENTIAL IMPACT

Idaho Power Proposes Price Reductions Through PCA, Tax Reform Filings

**1.29%**  
Proposed PCA Reduction

**2.15%**  
Proposed Tax Reform Reduction

**3.60%**  
Proposed FCA Reduction

**7.04%**  
Total Proposed Reduction

Idaho Power proposed rate decreases for its Idaho customers this spring through the annual Power Cost Adjustment (PCA) and stemming from recent federal and Idaho state tax rate changes.

Pending approval from the Idaho Public Utilities Commission (IPUC), both rate decreases will go into effect on June 1. When combined with the proposed annual Fixed Cost Adjustment (FCA) referred to on page 2, the proposals result in a total rate decrease of 7.04 percent for Idaho residential customers.

### Power Cost Adjustment

The PCA is a cost-recovery tool that passes on both the benefits and costs of supplying energy to Idaho Power customers. The amount all Idaho customer classes pay for electric service will decrease by \$22.6 million; a main driver of the PCA being a decrease in 2018 is that last year's actual power supply costs were less than anticipated, primarily due to better-than-expected water conditions.

(continued on page 4)

# By the Numbers

(continued from page 3)

## Tax Reform

According to an agreement between Idaho Power, IPUC staff and the Industrial Customers of Idaho Power, customers will see a total benefit associated with reduced tax expense of \$33.9 million, provided through: 1) a base rate reduction of approximately \$18.7 million, 2) an additional \$7.8 million decrease that will be provided through the 2018 PCA, and 3) a non-cash annual benefit of \$7.4 million in the form of an offset to other deferred costs.

## Combined Impact

Idaho Power's FCA (filed earlier this spring) proposed a \$19.3 million decrease for Idaho residential and small general service customers. If all three proposals are approved by the IPUC as filed, residential customers will see a total price decrease of 7.04 percent effective June 1, 2018. All customer classes will see the following effects:

COMBINED EFFECT OF ALL THREE FILINGS				
Percentage Change from Current Billed Revenue				
Residential	Small General Service	Large General Service <sup>1</sup>	Large Power <sup>2</sup>	Irrigation
<b>FIXED COST ADJUSTMENT (FCA)</b>				
-3.60%	-3.73%	N/A	N/A	N/A
<b>POWER COST ADJUSTMENT (PCA)</b>				
-1.29%	-0.80%	-2.20%	-3.27%	-1.91%
<b>TAX REFORM FILING</b>				
-2.15%	-2.10%	-2.29%	-2.25%	-2.33%
<b>COMBINED IMPACT<sup>3</sup></b>				
<b>-7.04%</b>	<b>-6.63%</b>	<b>-4.48%</b>	<b>-5.52%</b>	<b>-4.25%</b>

<sup>1</sup> Includes lighting schedules; <sup>2</sup> Includes special contracts

<sup>3</sup> Totals may not add up exactly due to rounding

# RESERVE Your Spot Today!



Now you can go online to reserve campsites at most Idaho Power campgrounds!

Whether you're looking for the perfect spot for fishing, boating, geocaching or just sleeping under the stars, you can find it at one of Idaho Power's parks.

Visit [idahopower.com/recreation](http://idahopower.com/recreation) and reserve your spot!



## From The Electric Kitchen

May 2018

### Sautéed Bok Choy with Shiitake Mushrooms

- |  |                            |
|--|----------------------------|
| 6 heads of baby bok choy, chopped into 1-inch pieces | 1 tsp fresh ginger, grated |
| 2 shiitake mushrooms, sliced                         | ¼ cup chicken broth        |
| 2 Tbsp vegetable oil                                 | 1 Tbsp soy sauce           |
| 5 large garlic cloves, crushed                       | 1 Tbsp sesame oil          |

Heat oil in a pan over low heat. Add garlic and ginger, stirring until fragrant. Increase heat to medium and add mushrooms. Cook until mushrooms begin to soften, then add the bok choy. Raise heat to medium-high and add chicken stock. Cover and allow to simmer for 15 minutes, stirring regularly. Remove lid and finish cooking until bok choy is wilted and tender. Drizzle with soy sauce and sesame oil just before serving. Makes 6 servings.

### Dinner

#### Dietary information per serving:

- Calories: **78**
- Fat: **5.8 g**
- Carbohydrate: **5.8 g**
- Protein: **3.2 g**
- Sodium: **149 mg**
- Potassium: **676 mg**
- Fiber: **2 g**
- Cholesterol: **0 mg**

*Connections* is published monthly to inform our customers about services we provide, programs we offer and industry issues impacting our service area in southern Idaho and eastern Oregon. Our goal is to engage and inspire you to learn more about Idaho Power and how we are working together to meet your energy needs today and tomorrow.

Comments or questions are welcome at [idahopower.com/contactus](http://idahopower.com/contactus) or Corporate Communications P.O. Box 70, Boise, ID 83707



Recipes are selected for nutritional value and low energy use in preparation. They are approved by Registered Dietitian Erin Green from the Central District Health Department in Boise.