

## The Utility Role in a Clean Energy Future

**Bryan Hannegan Holy Cross Energy** 

ESIG Fall Technical Meeting October 30, 2019





Holy Cross Energy (HCE) provides safe, reliable, affordable and sustainable energy and services that improve the quality of life for our members and their communities.

Founded in 1939, we serve more than 46,000 members in scenic Western Colorado with:

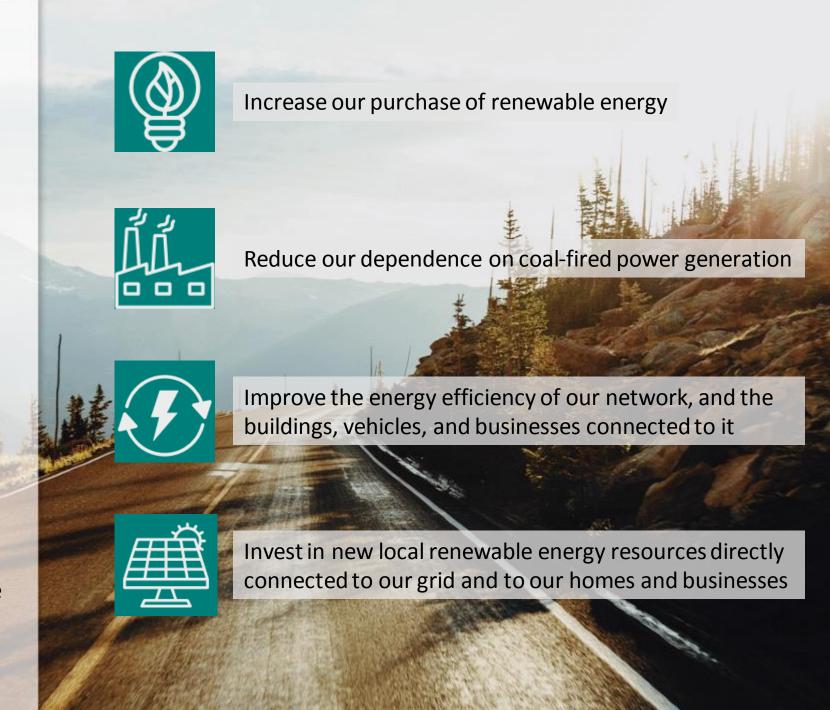
240 MW peak demand 3,000 miles distribution 120 miles transmission 160 employees

In 2018, 39% of our power supply came from wind, solar, biomass and hydroelectric power, as well as coal mine methane recovery.

## We're cleaning up our power supply with our *Seventy70Thirty* plan.

By 2030, we will

- Use clean and renewable resources to supply at least 70% of the power we provide
- Reduce the greenhouse gas emissions associated with our power supply by 70% (from 2014 levels)
- Accomplish both of these goals with no additional increase in the cost of our power supply



We're building a smarter, more flexible and resilient energy delivery network.

This year, we will

- Utilize our near-100% AMI coverage to reduce line losses and improve power quality
- Install 70 new smart reclosers and switches that can pinpoint faults and reduce outage time
- Test our ability to dispatch and control DERs from a net-zero residential housing community
- Engage our community to develop a resilient energy master plan for areas at risk of wildfire





We're giving our members new ways to power their lives with clean electricity.

This summer, we will

go photo booth

- Deploy an HCE Marketplace with new energy products and services for homes and businesses
- Offer a new "DER services agreement" option to help members with installation costs
- Update our time-of-use rates to increase participation and better manage our system peak
- Initiate new programs to compensate demand flexibility



## We're driving the transportation future with electric vehicle charging.

This year, we will

- Give away free Level 2 EV chargers to homes and workplaces, and help members manage up-front installation costs
- Partner with our communities to install Level 3 fast chargers in the best locations for our system
- Work with transit agencies and school districts to electrify their existing bus fleets
- Replace 25% of HCE's light-duty vehicle pool with EVs



## For more information:

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