From booming suburbs to remote rural communities, America’s electric cooperatives are energy providers and engines of economic development. Electric cooperatives play a vital role in transforming communities.

Cooperatives
Power
56% of the nation’s landmass.

Own and maintain
42%
(2.6 million miles) of U.S. electric distribution lines that serve our communities.

Power over
20 million businesses, homes, schools and farms in 47 states.

Serve
42 million people across 88% of U.S. counties.

831 distribution cooperatives are the foundation of the electric cooperative network. They were built by and serve co-op members in the community with the delivery of electricity and other services.

62 generation & transmission cooperatives provide wholesale power to distribution co-ops through their own electric generation facilities or by purchasing power on behalf of the distribution members.

www.electric.coop | @NRECANews
Electricity sales growth rates generally surpass that of the electric utility industry as a whole.

- Co-ops added **333,013 new members** in 2017.
- **83%** of electric co-ops had a net increase in members in 2017.
- Electricity demand at co-ops decreased about one-half of one percent in 2017, with co-op retail sales reaching **437 billion kilowatt-hours**.
- Co-op residential electricity sales decreased **2%**.
- Commercial & industrial sales increased **2.85%**; irrigation sales decreased **6.3%**.

Co-ops use advanced communications and automation technology to improve reliability and efficiency while reducing environmental impacts by growing the use of renewable resources.

*Note: Non-hydro renewables includes owned and directly purchased generation, plus generation in the mix from wholesale market purchases and do not reflect renewable credits.*

Electricity use and energy mix

Co-ops use advanced communications and automation technology to improve reliability and efficiency while reducing environmental impacts by growing the use of renewable resources.

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- Residential
- Commercial
- Other
- Industrial
- Nuclear
- Natural Gas
- Oil, Other & Unknown
- Non-Hydro Renewables
- Coal

Co-ops generate **5%** of total U.S. electricity and **13%** of all U.S. electricity.
Co-ops are reducing emissions ...

Cleaner air
Cooperatives are meeting member expectations by reducing emissions through a combination of emission-reduction measures at power plants and fuel switching to natural gas and renewables.

- Since 2010, co-op renewable energy capacity has increased 145% from 4 gigawatts to 9.7 gigawatts. More than 90 percent of electric co-ops provide electricity generated by renewable energy resources.
- A Department of Energy partnership with 17 electric co-ops has supported the development of 30 megawatts of utility-scale solar in 10 states.
- Co-ops also purchase 10 gigawatts of hydropower from federal power marketing administrations.
- More than 560 co-ops in 36 states use enough wind energy to serve 2 million homes.

... and jump starting renewable energy growth

Co-ops have:

- Reduced sulphur dioxide emissions 68% from 2009-2017.
- Reduced nitrogen oxide emissions 34% from 2009-2017.
- Reduced carbon dioxide emissions 9% since 2009 while increasing generation by more than 12 million megawatt-hours.

Cooperative solar is skyrocketing

<table>
<thead>
<tr>
<th>Solar Capacity (megawatts AC)</th>
</tr>
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<tbody>
<tr>
<td>35</td>
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NOTE: Co-op solar capacity owned or purchased under contract

Source: EPA and EIA

Source: NRECA
Electric cooperatives are economic engines in their communities

In 2017, electric cooperatives supported 611,600 American jobs
- **68,200** electric co-op jobs
- **97,600** contractor jobs
- **170,900** supplier jobs
- **274,900** consumer spending jobs

contributed **$88.4 billion** to the U.S. GDP annually

generated more than **$22 billion** in federal, state and local taxes

invested **$12 billion** annually in local economies

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**The cooperative difference**

Electric co-ops are local energy and technology providers. They are shaped by the specific needs of the communities they serve. This local, member-driven structure is one reason why cooperatives enjoy the highest consumer-satisfaction scores within the electric industry, according to J.D. Power and Associates and the American Consumer Satisfaction Index.

- Electric cooperatives are built by and belong to the communities they serve. They are led by members from the community and are uniquely suited to meet local needs.
- In 2017, America’s electric co-ops returned more than **$1.1 billion** in excess revenue to their consumer-members.
- Co-ops earned the top spot in the J.D. Power and Associates 2017 Electric Utility Customer Satisfaction Study.
- Electric cooperatives, on average, score three points higher than all other electric companies, according to the 2017 American Consumer Satisfaction Index.

Source: NRECA