Solution Sheet

Distributed Energy Generation: Solar, Storage & Microgrids

AMERESCO

Ameresco provides distributed energy solutions customized to address clients' diverse energy, cost, resiliency, and sustainability requirements.

As a leading independent energy services provider, Ameresco analyzes organizations' energy needs to develop, build, operate, and maintain on-site distributed generation systems. We pair solar PV technologies with energy flexibility solutions such as battery energy storage and interconnection controls for microgrid applications – all with innovative financing solutions.

If utility power is lost, energy storage can play a pivotal role in conjunction with microgrid controls and/or on-site generation to continue serving critical loads. Renewable distributed generation delivers unparalleled value for customers looking to increase resiliency, mitigate energy costs, and achieve sustainability goals.

Solar PV Renewable Energy

Solar PV generated electricity is a continuously growing green energy source. With over 250 MW of solar technologies deployed, Ameresco develops, installs, operates, and maintains solar energy systems for customers across markets and sizes. Each project is customized to meet the specific customer needs and Ameresco's experience spans solar on landfills, parking garages and lots, highways, military bases, floating on water, industrial plants, campuses, schools, airports & more.

Battery Energy Storage

Energy storage technology enables you to manage when and how energy is used. Battery energy storage systems have emerged as a promising, versatile technology that can provide solutions to many electric-grid challenges. Recent advances in storage technology and significant cost reductions makes energy storage simpler than ever.

Microgrids Controls

Microgrids are a critical advanced technology when energy security, reliability and resiliency are vital for your organization - when off is not an option. Ameresco develops microgrid systems that are flexible and scalable to meet evolving client needs. We utilize a combination of renewable power generation, energy conservation measures, and load reduction measures tailored to each customer's individual needs.

AMERESCO

by the Numbers

- Delivered over **$7 Billion** in Energy Solutions
- **70+ Offices** Throughout the USA, Canada, and the UK and more than **1,000 Employees**
- Developed over **300 MW** of Renewable Energy Projects
- Up to **45% Energy Cost Savings** with Comprehensive, Audit-Based Improvements
- Socially **Responsible** & Economically **Efficient**
- In 2019, Ameresco's Renewable Energy Assets and Customer Projects Delivered a Carbon Offset Equivalent to **11,167,978** Metric Tons of CO_2

Bringing Long-Term Value to Customers Since 2000

Founded in 2000, Ameresco, Inc. (NYSE:AMRC) is a leading independent provider of comprehensive services, energy efficiency, infrastructure upgrades, asset sustainability, and renewable energy solutions for businesses and organizations throughout North America and Europe. Ameresco's sustainability services include upgrades to a facility's energy infrastructure and the development, construction, and operation of renewable energy plants.

Ameresco's Advanced Technology Portfolio Includes:

Energy Efficiency | Distributed Energy Generation, Storage & Microgrids | Infrastructure | Energy Analytics & Supply Management | Operations & Maintenance

Ameresco has successfully completed energy saving, environmentally responsible projects with Federal, state and local governments, healthcare and educational institutions, housing authorities, and commercial and industrial customers. With its corporate headquarters in Framingham, MA, Ameresco has more than 1,000 employees providing local expertise in the United States, Canada, and the United Kingdom.

Ameresco's team of energy experts can assist you in identifying the solution that fits your needs.

For more information about Ameresco and our full-range of energy efficiency and renewable energy solutions, please call **1-866-AMERESCO** or visit **ameresco.com**.

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