

Renewable Energy



THE POWER TO MAKE IT HAPPEN®

A Better Tomorrow Starts Today

For more than 120 years, Arizona Public Service has been committed to providing affordable and reliable electricity to the people of Arizona.

Today, Arizona faces the challenge of a population explosion. It is the fastest growing state in the nation, expanding at three times the national average. As Arizona's largest and longest-serving utility, APS is working with its customers to meet this challenge. Part of the solution includes renewable energy.



Through consumer programs, education and outreach, technology development and by generation and procurement, APS is dedicated to increasing the role of renewable energy in Arizona's future.

Consumer Programs

APS Solar Partners Incentive Program

APS offers financial incentives to customers (residential and commercial) who install qualified solar systems. The program offers several options to meet the diverse needs of customers:

- Photovoltaic Grid-tied and Remote Solar (Off Grid) Systems
- Small Solar Water Heating Systems

Green Choice Program

Through the Green Choice Program APS customers have the freedom to choose how much more of their electricity, above what APS already provides, will come from renewable energy sources. Customers have the power to choose how they want to purchase this energy:

- A set amount each month
- A percentage of total usage

Procurement and Generation



APS is building a portfolio of renewable energy in a cost effective and prudent manner. Currently it has the capacity to provide more than 131.5 megawatts of renewable energy, enough for more than 37 thousand customers. While some are generated by APS, most are purchased through contracts.

<i>Generation Type</i>	<i>Total (megawatts)</i>
Solar	6 MW
Wind	90 MW
Geothermal	35 MW

Technology Development

Ever since 1954, when APS helped organize and bring the first International Solar Energy Exposition to Phoenix, the company has been dedicated toward developing new technologies that can produce reliable and affordable renewable energy.



STAR Center

APS founded the Solar Test and Research Center (STAR) in 1985 as a proving ground for new solar technologies and hardware systems.

Emissions to Bio-fuels

By feeding carbon dioxide emissions from a power plant to algae, two important issues facing the U.S. today are being solved: reducing greenhouse gas emissions at power plants and producing more domestic sources of alternative fuels for automobiles and eventually power plants.

Hydrogen/Compressed Natural Gas Fueling Station

Located in downtown Phoenix, the station supplies APS-owned alternative fuel vehicles with hydrogen and compressed natural gas.

Education and Community Outreach

In an effort to help educate its customers, APS works with school systems, community groups, and other civic entities to spread the word about the importance of renewable energy.

The Road to Renewable Energy

APS offers classroom teachers a renewable energy curriculum including compilation of graphic posters, presentations and interactive worksheets.

Site Tours

Classrooms and other organizations can tour many of APS' renewable facilities.

APS, Arizona's largest and longest-serving electricity utility, serves about 1.1 million customers in 11 of the state's 15 counties. With headquarters in Phoenix, APS is the largest subsidiary of Pinnacle West Capital Corp. (NYSE: PNW).

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