



**Palo Verde Generating Station has been the nation's largest power producer of any kind for 30 years – all of it clean and carbon-free. As the heart of the APS generation fleet, it provides the foundation for the reliable service our customers know they can count on.**

With owners in Arizona, New Mexico, Texas and California, Palo Verde is a critical asset to the Southwest. The facility generates more than 32 million megawatt-hours annually—enough power for more than 4 million homes and businesses.

## CLEAN-AIR & ENVIRONMENT

- Palo Verde is the nation's largest source of clean-air energy.
- The plant supplies approximately two-thirds of Arizona's clean-air energy.
- As the nation's only nuclear plant not located on a body of water, Palo Verde recycles more than 20 billion gallons of wastewater annually from surrounding municipalities to cool the plant.

## INNOVATION & TECHNOLOGY

- FLEX equipment that can work at plants around the nation provides an additional layer of safety in the event of a natural or other disaster.
- The use of robotics to inspect equipment and to diagnose and repair problems boosts employee safety, and saves time and money — which translates into customer savings.
- Other equipment is inspected using unmanned aerial systems (drones), providing enhanced safety and efficiency.
- Palo Verde operators are participating in a pilot program with Idaho National Laboratory to develop the “control room of the future,” exploring the use of modern technologies, such as touch screens, to maximize efficiencies and precisely control today's nuclear plants and those in the future.

## ECONOMIC IMPACT

- Palo Verde provides an annual economic impact of more than \$2.3 billion through taxes, salaries, material and service purchases, and more.
- Palo Verde is the largest single AZ taxpayer with more than \$58 million annually in property taxes.
- The plant has about 2,000 full-time APS employees and long-term contractors. An additional 900 to 1,000 contractors are employed twice yearly during month-long planned refueling and maintenance outages.
- Palo Verde purchases \$123 million in products and services from more than 1,200 Arizona businesses every year.

## COMMUNITY INVOLVEMENT

- Palo Verde employees donate approximately \$1 million each year to local charities.
- In partnership with Estrella Mountain Community College and a local technical education high school district, Palo Verde helped establish West-MEC Southwest, a first-of-its-kind campus that provides training and education for a new generation of utility workers — nuclear plant workers in particular.