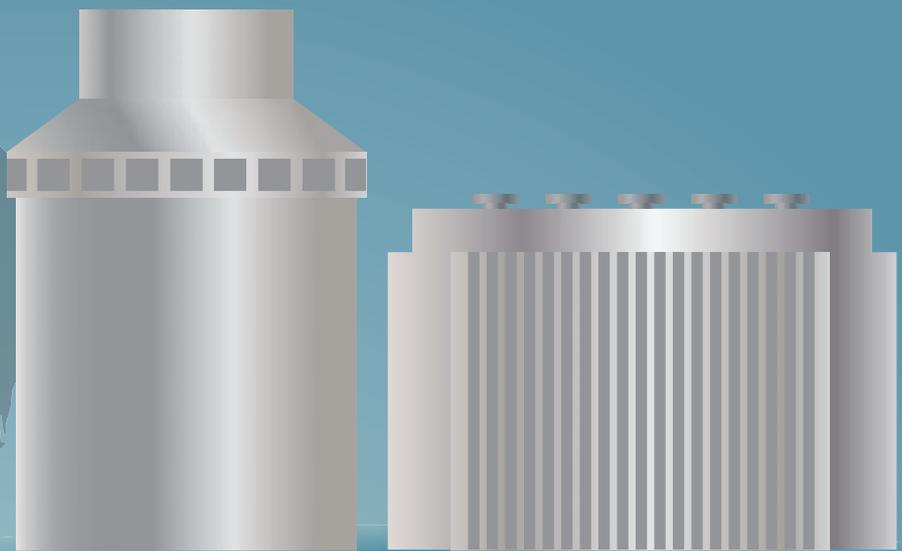


SCE&G

NUCLEAR POWER

An essential part of the mix for fueling South Carolina's energy needs. Nuclear power, natural gas, renewable energy (like solar), along with conservation can help provide a diversified group of resources for meeting South Carolina's future energy needs.



The Westinghouse AP1000™ nuclear reactor features proven technology and innovative safety systems. Certified by the U.S. Nuclear Regulatory Commission, the simplified design requires **50% fewer safety-related valves, 80% less safety-related piping, and 85% less control cable**. The result is an even safer plant that is easier and less expensive to build, operate and maintain.

GREENHOUSE GASES

0

The operation of a nuclear plant does not produce greenhouse gases.

54%

REDUCED CO₂ EMISSIONS

With the addition of two new nuclear units, SCE&G is on track to lower carbon emissions by approximately 54 percent from 2005 levels.

4,300 JOBS

Construction of two nuclear generating plants will create approximately 3,500 temporary jobs and will result in at least 800 permanent jobs when the plants are operational.

LOWER FUEL COSTS

CENTS PER KWH

NUCLEAR	\$.01
NATURAL GAS	\$.04
COAL	\$.04

Nuclear fuel (uranium) is still the cheapest option for running SCE&G's power plants, currently costing about one-fourth the price of both natural gas and coal.

BALANCED

Nuclear

Natural Gas

Coal

Once our two new nuclear units are complete, our generation mix will be about 30% nuclear, 30% natural gas and 30% scrubbed coal, with the balance in hydro and renewable energy. This will provide the flexibility to take advantage of whatever generation option makes economic sense for our customers.

EFFICIENT

A single pellet of nuclear fuel, about the size of a pencil eraser, can produce as much electricity as a ton of coal, or 17,000 cubic feet of gas.

24/7

Electricity - around the clock. Nuclear power is one of the most reliable ways to provide large numbers of customers with a continuous supply of electricity.

SEE THE FUTURE TODAY

Visit Flickr and YouTube for updated nuclear construction photos and videos.

sceg.com