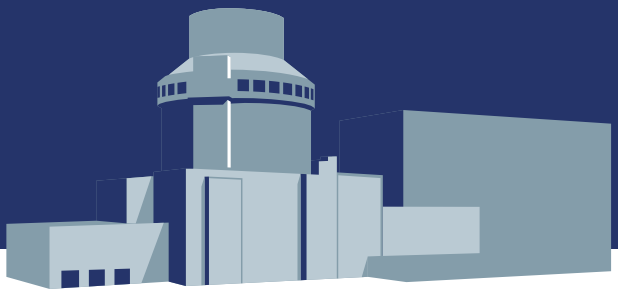
AP1000®
by the Numbers

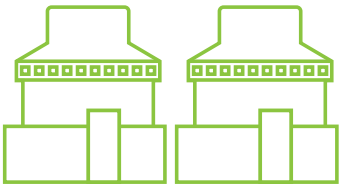


1.2 GWe
minimum output of one advanced AP1000 modular reactor

800,000+ U.S. Homes
can be powered by one AP1000 unit

5 Year timeline for nuclear construction for an AP1000 unit

80+ Year life span of an AP1000 plant



95%+ expected percentage of time that Vogtle Unit 4 in the U.S. will be producing electricity during its lifetime, with the global AP1000 fleet already achieving greater than 93%.

245+ TWh
total electricity supplied by the global AP1000 fleet through 2024 - enough to power Florida for one year![*]

800+ TWh
total electricity a single AP1000 unit could supply over its 80-year life – enough to power New York City for more than 14 years.

6.8 GWe currently being supplied to the grid by the global AP1000 fleet – enough to power **680 million LED lightbulbs!**

14 AP1000
units under construction in China

6 AP1000
units in commercial operation globally

7 AP1000
units under contract in Poland, Bulgaria and Ukraine

28 Days is the industry record held by the AP1000 reactor for a first cycle refueling outage

19 Days is the industry record held by the AP1000 reactor for a second cycle refueling outage

Westinghouse

[*]International Atomic Energy Agency PRIS Database