

AP1000® by the Numbers



1.1 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 Spain for one year!*



800+ TWh

total electricity a single AP1000
unit could supply over its 80-year
life - enough to power London
for nearly 20 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

14 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