

# Nuclear Power Stations

In 2015, ninety-nine US nuclear power stations with a generating capacity of 103 GW produced 88GW of electrical power. In 2015, twenty percent of the electricity generated in the US was produced using nuclear power.

By 2010, nuclear power stations in the US had produced a total of 60,000 tons of nuclear waste (200 grams per US resident). Of this waste, ninety-five percent poses no risk, five percent (40 grams per person) must be isolated for 500 years and one percent 0.6 tons (2 grams per person) must be isolated one million years.

Nevada produced no electricity from nuclear energy in 2015. There are no current plans to build nuclear power stations in Nevada.

## Level 1

No nuclear power stations are built in Nevada between now and 2050.

## Level 2

Add one large nuclear power station to Nevada with 3GW generating capacity producing 2.4GW of power by 2025.

## Level 3

Add two large nuclear power station to Nevada with 6GW generating capacity producing 4.8GW of power by 2025.

## Level 4

Add two nuclear power stations by 2025, and a third by 2035, resulting in 7.2GW of electrical power being delivered to the grid by 2050.



Palo Verde Nuclear Generating Station, Arizona

