

Kakhovka Dam

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About Kakhovka Dam:

- It is located on the **Dnieper or Dnipro River in southern Ukraine** which was built as part of the Kakhovka hydroelectric power plant.
- The reservoir also supplies water to the **Crimean peninsula and the Zaporizhzhia nuclear plant**
- Zaporizhzhia nuclear plant is **Europe's largest** and gets its cooling water from the reservoir which is located on the southern side, now under Russian control.
- It holds water a volume about equal to the Great Salt Lake in the U.S.

Key facts about the Dnieper

- It is the **fourth longest river in Europe**.
- It runs a total length of 1,368 miles extending from the uplands of Russia's **Valdai Hills**.
- It flows in a southerly direction through western Russia, Belarus, and Ukraine before emptying into the **Black Sea**.

Q1) What is nuclear plant?

A nuclear plant, also known as a nuclear power plant or nuclear reactor, is a facility that generates electricity through the process of nuclear fission. It utilizes the controlled splitting of atomic nuclei to produce heat, which is then converted into electrical energy.

Source: [What is the Kakhovka dam in Ukraine – and what happened?](https://vajiramandravi.com/current-affairs/kakhovka-dam/)

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