

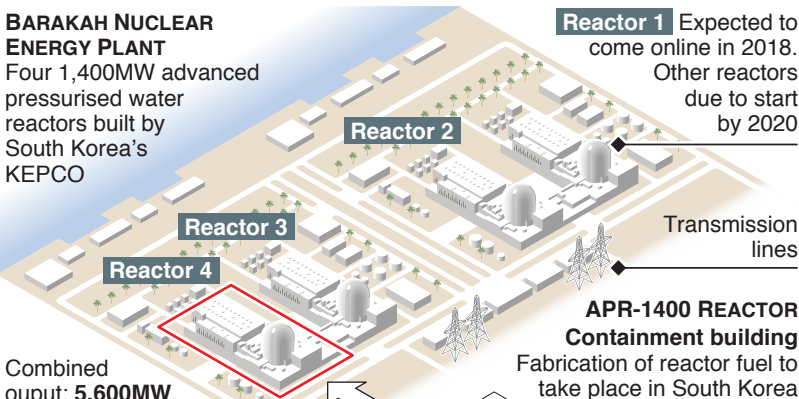
UAE to open Arab world's first nuclear plant

The United Arab Emirates is preparing to commission its first nuclear power station, setting a unique precedent for the Arab Gulf region

BARAKAH NUCLEAR ENERGY PLANT

Four 1,400MW advanced pressurised water reactors built by South Korea's KEPCO

Reactor 1 Expected to come online in 2018.
Other reactors due to start by 2020



Combined output: **5,600MW**.
Will supply up to 25 percent of UAE's electricity needs

APR-1400 REACTOR
Containment building
Fabrication of reactor fuel to take place in South Korea

Turbine building

Auxiliary building

SUNNI ARAB STATES GOING NUCLEAR



Number of reactors

Egypt



Due to be operational by 2025

500km
300 miles

Sudan



2030 – site not selected



Jordan



2023-2025

Saudi Arabia



2030 – site not selected

UAE



2018-2020