

# GS Engineering to build major tidal power plant

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File photo shows South Korean construction workers in Seoul. South Korean firm GS Engineering and Construction has won a 3.4-billion-dollar contract to build one of the world's largest tidal power stations.

South Korean firm GS Engineering and Construction said Wednesday it has won a 3.4-billion-dollar contract to build one of the world's largest tidal power stations.

Under the deal signed with the state-run Korea Hydro and [Nuclear Power](#) Co, GS Engineering will build the power station on the west coast near Gangwha Island, 50 kilometres (30 miles) west of Seoul.

Construction will start in late 2011 with a view to completion in 2017.

The power station will have a capacity of 1.3 million kilowatts per hour

or 2.41 billion kilowatts per year.

In order to produce the same amount of energy, a thermal power plant would require 3.54 million barrels of fuel every year and emit one million tonnes of [greenhouse gas](#), the company said in a statement.

[South Korea](#) is also in the process of building three other tidal power plants on the west coast.

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