

HITACHI FACT SHEET

About Hitachi, Ltd.

Hitachi, Ltd., (TSE: 6501) was founded in 1910 and is headquartered in Tokyo, Japan. Hitachi is a leading global electronics conglomerate with approximately 320,000 employees worldwide. Fiscal 2011 (ended March 31, 2012) consolidated revenues totalled 9,665 billion yen (\$117.8 billion). Hitachi is focussed upon expanding its global operations and received 43% of its revenues from overseas in 2011.

For more information on Hitachi, please visit - <http://www.hitachi.com>.

Hitachi in the UK

The UK serves as Hitachi's headquarters in Europe where the company has a large number of other businesses.

Recently, Hitachi's international rail subsidiary, Hitachi Rail Europe, concluded a contract for the supply of 596 rail carriages destined to run on the East Coast Main Line and the Great Western Main Line. The contract announcement paves the way for the investment by Hitachi to build a rolling stock manufacturing and assembly plant in the UK. Hitachi's preferred site for the plant is in Newton Aycliffe, County Durham, and negotiations with the developer are in the final stages. The factory is set to create 200 jobs in the construction phase and will be built over the course of two years, going into full production in 2016. The facility is planned to be capable of producing up to 35 vehicles per month and employing up to 730 people, including a UK Research and Development facility

Hitachi Nuclear

Hitachi has a long heritage in designing, manufacturing, and constructing nuclear power plants and components. The Advanced Boiling Water Reactor (ABWR) is the foundation of Hitachi's nuclear reactor portfolio and it is the world's first and only Generation III + nuclear plant design in operation today.

The ABWR reactor is a mature technology that is based upon previous boiling water reactors (BWR). Globally, there are 84 BWRs worldwide including in the USA, Mexico, Netherlands, Spain, Switzerland, Germany, Italy, Japan, Taiwan and India. Many of these plants are amongst the best performing in the world.



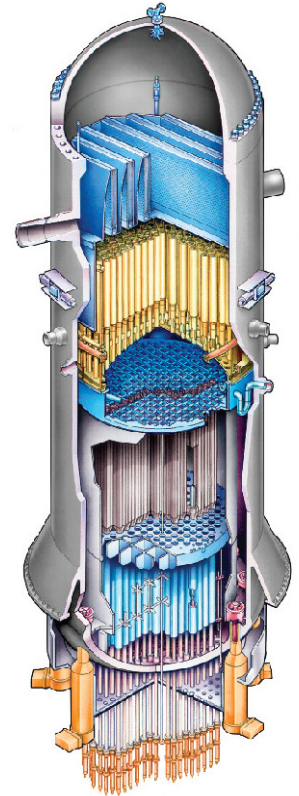
The ABWR design was realised after significant development cost with the involvement of Hitachi, GE, Japanese utilities and 16 US utilities, resulting in a plant which is optimised for safety, performance and operability.

Currently there are four ABWR units in operation in Japan and an additional four ABWRs under construction in Japan and Taiwan.



ABWR technology has a number of advantages these include:

- Simplified Modular design making construction and maintenance easier
- Reviewed and approved by three different regulators (in Japan, US and Taiwan)
- Record of on time and budget construction
- Demonstrated capital and O & M cost
- Lower staffing and maintenance costs than current operating reactors
- Reduced financing risk due to known working design
- High fuel economy, 15% better than PWRs
- Working under lower pressure and lower temperature
- Smaller compact design
- Single direct cycle design
 - Simplified
 - Fewer components required
 - No steam generator
 - No pressurizer
 - No external recirculation loops or pumps
- Smaller containment structures required
- ABWR has the highest reliability with the lowest unplanned shutdown rates globally



Site	Year of commercial operation	Construction Schedule	Construction Time (months)
Kashiwazaki-Kariwa 6	1996	On time	36.9
Kashiwazaki-Kariwa 7	1997	On time	38.4
Hamaoka 5	2005	On time	42.4
Shika-2	2006	On time	43.2