1995

2000

2005

2010

2015





containment areas.

would provide.

## **Gas Turbine Combined Cycle (GTCC)**

## Layout of Plant: [1]

Figure is self-made using illustration as guide.

<b>Fuel Use by mass and by volume of different plants per one year: [1,2,3,4]</b> Figure is self made.	GTCC Basics: [1]	
	Natural Gas Use By Sector: [5] Figure is self-made made.	
References: [Numbers within brackets in each section indicates which source(s) the data came from] [1] Rubin, Edward, and Cliff Davidson. Introduction to Engineering and the Environment. NewYork: McGraw, 2001. Print. [2] What is the Efficiency of different types of Power Plants? U.S. Energy Information Administration, 3 February 2014. Web. Accessed 12 April 2014. [3] Table 8.1. Average Operating Heat Rate for Selected Energy Sources. U.S. Energy Information Administration, 3 February 2014. Web. Accessed 12 April 2014. [4] Supple, D. Units and Conversions Fact Sheet. MIT Energy Club, 2007. Print. [5] FAQs: Natural Gas. International Energy Agency. Web.	Net Gross Imports and Exports: [6] Data for each year taken from each Excel document, from December of the year after the year in question (January 2014 was used for data in year 2013). Figures are self-made. Technologies and Issues: [1,5,7] Natural Gas Basics: [4,5,7]	
Accessed 15 April 2014. [6] <i>Monthly gas data survey</i> . International Energy Agency, January 2014. Web. Accessed 15 April 2014. [7] <i>What is shale gas and why is it important?</i> U.S. Energy Information Administration, 5 December 2012. Web. Accessed 12 April 2014.		