

GLOSSARY

This glossary contains certain technical terms used in this document in connection with our Company. Such terms and their meanings may not correspond to standard industry definitions or usage.

“air pre-heater”	heat exchanger for transferring useful thermal energy in boiler exhaust gases to the cold air being introduced for combustion of fuel to increase thermal efficiency.
“ash content”	the inorganic residue remaining after the combustion of coal which affects the burning characteristics of coal
“boiler”	the device or equipment that is a pressure vessel in which water is converted into steam with high temperature and high pressure by external heat source which typically includes combustion of fuels such as coal, gas, oil or hot exhaust gas from another process or from incineration and which typically consists of various components made of metal shells and tubes
“CCGT plant”	combined cycle gas turbine plant
“CHP plant”	combined heat and power plant, or cogeneration plant
“economiser”	a key heat transfer pressure vessel typically installed in a boiler system for power plants, which recovers the waste heat from the boiler’s hot exhaust gas and transfers the thermal energy contained in the exhaust gas to the boiler’s system fluid, or feed water, before it enters into the boiler system
“FPSO”	floating production storage and offloading vessel
“finning machine”	a processing machine for welding metal fins onto pressure tubes to increase the total area of heat transfer surface
“gas turbine”	an internal combustion engine in which energy extracted from combusting gases drives the blades of a turbine to generate power
“GW”	gigawatt, a unit of power equals to one billion watts
“HRSG”	heat recovery steam generator, a type of waste heat recovery system specifically to utilize exhaust heat emitted from gas turbines
“HRSG modules”	large and transportable sections of an HRSG designed for handling and lifting into site position which may consist of, depending on technical design of the HRSG, certain HRSG components such as evaporators, superheaters, reheaters or economisers
“HRSG products”	products relating to HRSGs, such as, for purpose of this document, HRSG modules and spiral finned tubes, the key components for our HRSG modules
“kWh”	kilowatt hour, a unit of energy. One kilowatt hour is the amount of energy transferred if work is done at a rate of one thousand watts for one hour
“marine boiler”	boiler applied on ship tankers, cruise liners, bulk carriers, container ships, FPSO’s or various other marine applications, which, depending on technical design of the marine application, typically consists of boiler shell, control panel, burner, mountings, and pumps

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"MW"	megawatt, a unit of power equals to one million watts
"Steel-H economiser"	economiser products with H-shaped metal fins attached onto the metal tubes
"Terawatt-hours"	.....	equivalent to one billion kWh
"waste heat power plant"	.....	power plant including waste heat recovery system for generation of steam for power generation utilizing waste heat from various industrial applications such as cement plants, coking plants and oil refineries
"waste heat recovery products"	.....	products relating to waste heat recovery systems, which for purpose of this document primarily consisted of HRSG products and other land waste heat recovery products
"waste heat recovery system"	.....	system typically include HRSGs or other waste heat exchangers that extract thermal energy contained in the waste gases emitted from various industrial utilizations, and utilize the recovered thermal energy in another process of further utilizations
"watt"	.....	the unit of power

ROUNDING

Any discrepancies in any table between totals and sums of amounts listed therein are due to rounding.