

Combined heat

Cogeneration or combined heat and power (CHP) is the use of a heat engine [1] or power station to generate electricity and useful heat at the same time. Cogeneration is a more efficient use of fuel or heat, because otherwise- wasted heat from electricity generation is put to ...

Combined heat and power (CHP), also known as cogeneration, is: The concurrent production of electricity or mechanical power and useful thermal energy (heating and/or cooling) from a single source of energy. A type of distributed generation, which, unlike central station generation, is located at or near the point of consumption.

Combined heat and power (CHP), or cogeneration, is the use of a power plant or a heat engine to simultaneously generate both electric power and useful heat. Thermal power plants including those that use fissile elements (e.g. uranium) or fossil fuels such as coal, petroleum or natural gas (or more recently, biomass), do not convert ...

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