



COMPRESSED HEAT ENERGY STORAGE FOR ENERGY FROM RENEWABLE SOURCES

Within the framework of energy consumption and 2020 targets for use of renewable energy sources in Europe, CHESTER project aims at developing a cost competitive innovative system that will increase the flexibility of the power grid by coupling electricity and heat. The CHEST system, combining high temperature Heat Pump and Thermal Energy Storage with an Organic Rankine Cycle units, provides a smart, dispatchable energy supply from different renewable energy sources (RES).



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