



High-Temperature Power Units for Electricity and Heat Production: Current Status, Applications, and Trends

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Message from the Guest Editors

This Special Issue will deal with the thermodynamic optimization and equipment development for high-temperature power units for electricity and heat production.

Topics of interest for publication include, but are not limited to:

- Thermodynamic optimization of high-temperature power plants;
- Development of oxy-fuel combustion power cycles;
- Investigation of power plants with carbon capture and storage;
- Low-potential heat utilization for power plants;
- Power plants burning hydrogen and methane-hydrogen mixtures;
- Power plants with coal gasification and methane reforming;
- Cogeneration technologies;
- Energy equipment development.

