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Publications

Effectiveness Investigation of Using SOFC Power Modules for Landfill Gas Utilization in Russia

Thermotechnical tests of the low power solid fuel heating boilers while incinerating briquetted RDF

Method development for the thermotechnical calculations utilizing reduced characteristics of the RDF fuels

Convective heat transfer in the near-wall turbulent gas stratum

<u>Evaluation of energy-saving effect during the installing process of automated heating stations in educational institutions</u>

Analysis of MSW Combustion Temperature in a Hot Water Boiler with the Low-Capacity

Resources and Problems of the Mathematical Simulating Thermo-Technological Processes

<u>Particular Qualities of Execution of the Program Component for Energy Resources Management of the Belgorod Region</u>

Investigation of Landfill Gas Output from Municipal Solid Waste at the Polygon

Energy management system in public sector

Research into Causes of Heat Transfer Resistance Falloff of Enclosure Structures

Research of Refuse Derived Fuel Use with Pyrolysis Furnace

<u>Evaluation of Energy-Saving Projects for Generation of Heat and Heat Supply by Prime Cost</u>
<u>Forecasting Method</u>

Exergic analysis of technological heat devices

Development of automated information: analytical energy management system

Energy efficiency analysis of educational institutions within the Belgorod city (Russia)

Peculiarities of implementation of the energy management system in conditions of Russian economy

The analysis of the possibility of the energy management system integration inmunicipal institutionsin Belgorod (Russia)

Sound management of the cement clinker burning with the use of information technology

Application of the energy management system in Russia

Experimental determination of inverse heat conduction problem for cement clinker granules

Thermodynamic database for analysis of the process of obtaining silicate building materials from natural raw material

Exergy analysis of thermal processes in the building materials industry

Mathematical and software support of calculation and optimization of multicomponent raw mixes

Criteria for the Thermodynamic Efficiency of Cement Clinker Production from Natural Raw Material