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<b>2. Denomination</b>
Power-and-resources saving technologies of municipal heat supply engineering on the basis of wastes' thermal deactivation equipment
<b>3. Specialty</b>
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<p>Dissertation work is devoted the actual problem of researches, directed on creation and perfections of the systems of heat supply with the source of thermal energy from the equipments of the thermal deactivation of wastes, creation of methodology of accentuation, theoretical and practical decision of problem of districting of the systems of heat supply of cities.</p> <p>Actuality of theme is grounded, a purpose and tasks of researches is formulated. The analysis of the modern state of question is executed.</p> <p>On the basis of research of models and real terms principles of heat supply of city territory the autonomous caldron equipment of the thermal rendering of hard domestic wastes are developed. The criterion of estimation and analysis of territory are certain for a examine engineering districting. Principles and methods of the engineering districting of city environment are formed for the rational placing of autonomous boiler rooms with equipments of the thermal rendering of hard domestic wastes.</p> <p>On the basis of research of diphasic involute streams at incineration of hard domestic wastes in the module thermo- deactivation wastes the fields of speed, temperatures, pressures and transmission of thermal energy to heat-transfer, are certain. The type of combustion chamber is set, most effectively and safely neutralizing hard domestic wastes.</p> <p>The ekology-ekonomical ground of the offered method of the thermal rendering of hard domestic wastes is conducted with utilization of heat.</p> <p><b>Keywords:</b> heat supply, thermo-deactivation of wastes, utilization of heat, two-phase involute streams, fields of speed, temperature and pressure.</p>