

## **Effect of time of year on the formation of acid rain sedimentation in the location area of thermal power plants**

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**Keywords:** *mathematical modelling, thermal power plant, smoke gases, pollution, sulfuric anhydride, condensation, particle, sulfuric acid, time of year.*

### **Abstract**

The results of numerical simulations of the formation of sulfuric acid droplets in the airspace for different times of the year and the corresponding typical parameters of thermal power stations are presented. Time intervals, characteristic for fulfilling the conditions of anthropogenic substance dispersion in the air space, adjoining to the source, are considered. There are defined geometrical parameters of condensation nucleus, on which surface drops of the acid are formed, which are capable to drop out on the surface of the Earth in the process of sedimentation.