

List of key publications:

Electric power systems control

Models and methods of electricity and capacity forecasting in controlling electric power systems modes : monograph / T. A. Filippova, A. G. Rusina, Yu. V. Dronova. - : Novosibirsk, NSTU Publishing House, 2009. - 368 p.

Strategic management in the energy sector: the principles, objectives, control methods : monograph / T. A. Filippova, Dronova, Yu., Chernov S. S., Matytsin, A. A. - Novosibirsk, NSTU Publishing House, 2005. – 420 p.

Filippova T. A. The operating modes of the hydro-power plants : monograph / T. A. Filippova; Ministry of Power and Electrification of the USSR. Siberian Research Institute of Energy. –Novosibirsk : Nauka, 1968. -193, [1] p.: Illustrated, with tables. (translated into Chinese).

The flow targeting for power engineering specialist: tutorial / A. Z. Gamm, I. I. Golub, A. G. Rusina, T. A. Filippova. - Novosibirsk : NSTU Publishing House, 2016. – 284 p.

Hydro-power Engineering: tutorial / T. A. Filippova, M. Sh. Misrikhanov, Yu. M. Sidorkin, A. G. Rusina . - . 3rd edition, revised. - Novosibirsk : NSTU Publishing House, 2013. – 620 p.

Rusina A. G. The electric power plants and electric power systems modes : [tutorial for students majoring in "Power and Electrical Engineering"] : tutorial / A. G. Rusina, T. A. Filippova. - Novosibirsk : NSTU Publishing House, 2016. – 400 p.

Filippova T. A. Optimization of power plants and power systems modes : textbook / T. A. Filippova, Yu. M. Sidorkin, A. G. Rusina. - Novosibirsk : NSTU Publishing House, 2016. – 356 p.

Filippova T. A. Energy modes of power plants and power systems : textbook / T. A. Filippova. - Novosibirsk : NSTU Publishing House, 2014. – 294 p.

Electric power systems and their control: electronic teaching package [Electronic resource] : / A. G. Rusina, A. Yu. Arestova, N. A. Korneeva, T. A. Filippova. - Novosibirsk : NSTU Publishing House, 2016. – 71 p.

Filippova, T. A., Venikov V. A., Zhuravlev V. G. Power systems and power plants modes optimization. High school textbook. . Two editions. Second edition revised and enlarged. – M.: "Energiya", 1990, - 336 p.