

Significant research projects

- Forecast solutions for energy losses in distribution networks of Delgaz Grid, research contract no. 1398P / 2014 and 448P / 2017, financed by Delgaz Grid S.A.
- Studies for EON Moldova project concerning technical energy losses in distribution networks, research contract no. 1398P / 2014 and 684P / 2016, financed by E.ON Moldova Distribution S.A.
- Dynamic loading of overhead lines by online assessment of transmission capacity, Research contract no. 912P / 03.07.2012, financed by Transelectrica S.A. Transmission Branch Bacau.
- Study for determination of energy losses in the low voltage networks affiliated to E.ON Moldova Distribution S.A., Bacau subsidiary, research contract no. 3564P / 01.11.2011, financed by E.ON Moldova Distribution S.A.
- Intelligent prediction and control of congestion in transmission and high voltage distribution systems; PNCDI II project - Partnerships Program: project no. 22126 / 01.10.2008.
- New artificial intelligence techniques and models to develop load studies for efficiently use electricity under electricity market. CNCSIS Grant code 241, subject 13/2006, 26/2007.
- Location of power sources in 110 kV and MV networks from the district of SC E.ON Moldova Distribution S.A. based on the minimum energy loss and consumer-source proximity criterion and study of reactive power compensation to optimize voltage level in 110 kV networks of SC E.ON Moldova Distribution SA, Complex research project "Gh. Asachi" Technical University of Iasi - E.ON Moldova Distribution: contract no. 7405 P / 26.10.2007.
- Artificial intelligence models for short and medium-term electricity load forecasts, ANSTI Grant: Grant nr. 6177 / B29 / 2000.