


Regulation of losses by the National Agency for Anti-monopoly Policy and Competition Development



Regulation of losses is carried out:

- In the electrical energy sector at the level of generation, transportation and distribution
- In heat energy sector at the level of generation and distribution
- In natural gas industry at the level of transportation and distribution



Goals of regulation of losses of electrical and heat energy and natural gas:

- To set the justified level of losses since the latter per se are inevitable
- To establish equitable fares taking into consideration the level of losses set
- To encourage energy conservation and enhancement of efficiency of use of energy resources




Legislative framework for regulation of losses

- Law of Kyrgyz Republic “On Energy” as of 30.10.1996
- Law of Kyrgyz Republic “On Electrical Energy” as of 28.01.1997
- Law of Kyrgyz Republic “On Energy Conservation” as of 07.06.1998
- Decision of the Security Council of Kyrgyz Republic
- Resolutions and Directives of the Government of Kyrgyz Republic
- Regulation on National Agency as approved by the Decree of President of Kyrgyz Republic №57 as of 13 February 2006



By-laws adopted by the State Energy Agency (SEA) pertaining to regulation of losses

- Resolution of the SEA Executive Council № 2-п as of 09.01.2003
- Resolution of the SEA Executive Council № 117-П “On Creation of an Independent Commission on Assessment of the Actual Level of Technical Losses”
- Resolution of the SEA Executive Council №148-П as of 30.08.2004 “On Approval of the Program on Reduction of Electrical Energy Losses during Distribution”
- Resolution of the SEA Executive Council №37-П as of 03.02.2005 “On Measures to Monitor Reduction of Electrical Energy Losses during Distribution”



Organizations participating in drafting of documents regulating the standards of losses

- The National Agency of Kyrgyz Republic for Anti-monopoly Policy and Competition Development (successor to the State Energy Agency)
- State Energy and Gas Inspectorate
- Energy sector companies
- “Energy” Kyrgyz Science and Technical Center
- Kyrgyz National Technical University
- Kyrgyz-Russian Slavic University
- Foundation for Energy Conservation and other non-governmental organizations




By-laws adopted by the State Energy Agency (SEA) pertaining to regulation of losses

- Regulation on Standards and Planning of Technological Expending of Electrical Energy Needed to Transmit It through National Electrical Network of Kyrgyzstan
- Methodology of Estimation of Standard Losses of Electrical Energy in Electrical Networks of National Electrical Network of Kyrgyzstan, Open Joint-Stock Company
- Methodology of Estimation of Above-standard (Above-planned) Losses of Electrical Energy in the Networks of National Electrical Network of Kyrgyzstan, Open Joint-Stock Company




Activities to establish standards of losses already performed by science organizations

- Estimation and substantiation of losses of electrical energy in 0,4-35 kilovolt electrical networks of Severelektro, Open Joint-Stock Company
- Estimation and substantiation of losses of electrical energy in 0,4-35 kilovolt electrical networks of Oshelektro, Open Joint-Stock Company



Size of losses used during estimation of fares by the National Agency

- The losses of electrical energy in transformers are taken into account (about 0,3-0,4% of the generated volume)
- The losses in high-voltage (110-220-500 kilovolt) transmission networks of 7% of the volume incoming in the networks are taken into account
- The losses in low- and medium-voltage (35-10-6-0,4 kilovolt) distribution networks of about 30% of the volume incoming in the networks are taken into account



Size of losses used during estimation of fares by the National Agency in the natural gas industry

- In compliance with the Resolution of SEA Executive Council № 85-П as of 07.07.2000 the size of losses adopted for Kyrgyzgaz, Open Joint-Stock Company was set at 10% of the volume incoming in the network including 8,68% in terms of standard technological losses.
- Currently, due to the restructuring of Kyrgyzgaz, Open Joint-Stock Company underway and the spin-off of the gas-main pipeline in North Kyrgyzstan appropriate changes are being prepared.