DISTRICT HEATING IN KYRGYZ REPUBLIC

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DISTRICT HEATING IN KYRGYZ REPUBLIC

- OAO [open joint stock company] Power Plants (CHPs cities Bishkek, Osh)
- OAO Bishkekteploset
- Utility Bishkekteploenergo of municipality of the city of Bishkek (60 boiler houses)
- State owned enterprise Kyrgyzzhilkommunsoyuz under the Ministry of Energy of KR (210 HC in regions of the republic)
District Heating in the city of Bishkek 1990-2009

Capacity Building for Sustainable Energy Regulation in Eastern Europe and Central Asia
# Heat supply in the city of Bishkek

- **Length of heat network**: 417 km.
- **Number of served heating units**: 3,400
- **Number of consumers, total**: 94,943
  - Including: - in apartment blocks: 90,581
  - Individual houses: 1,320
  - Other consumers: 3,042
- **Equipped with heat metering devices**: 25%
- **Maintenance and repairs of VDS – heat supplier**
- **Heat supplier – natural monopolist**
- **DH policy, planning of investments, control over tariffs, quality are in the competence of the Ministry of Energy**
Economic conditions for heat supply

- Distribution of heat:
  - for heating – based on the construction volume;
  - for hot water supply – based on the norm of consumption or meters.

- Tariffs for heat do not cover costs

- Losses on generation of heat are covered:
  - at CHP – at the expense of export of electricity;
  - at boiler houses of KP BTE – at the expense of the local budget;
  - at boiler houses KP Kyrgyzhilkommunsoyuz – at the expense of the republican budget.

- Social assistance to low income consumers – at the expense of the budget.

- Collection of payments and services is done by the heat supplier.
Problems

- High percentage of heat losses in heat pipelines
- Wear and tear of equipment and pipelines is about 75%
- Lack of automation and accounting for heat in heating units
- Presence of cross subsidies of tariffs for heat at the expense of export of electricity and budgetary funds
- Insufficient number of hot water meters at consumers
- Normative and legal base requires revision
Thank you for attention!