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Georgian National Energy and Water Supply Regulatory Commission

Current state of data collection and availability

Workshop on data solutions for
evidence-based policy and stakeholder
Collaboration



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Agenda

- Legal framework and planned changes
- Data Types
- Data Processing and Formats
- Challenges and Opportunities



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Legal framework and planned changes

- **Georgian Law on Energy and Water Supply**
 - Market participants shall submit data to the GNERC
- **GNERC's Resolution on Approving of Rules of Licensing and Activity Control in the Electricity, Natural Gas and Water Supply Sector:**
 - Licenses are required to reports on fulfilling licensing requirements every year between 1 April to 1 May.
 - Activity report on previous year (technical and financial)
 - Next year activity and Investment plan

GNERC's Resolution on Energy Markets Monitoring Rules (after 01.01.2020)

- Market monitoring activities by GNERC
- Procedures for market participants to register and provide



Data Types

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Financial Data

Technical Data:

- Distributed electricity by voltage
- Electricity received from generation and transmission
- Technical and commercial losses by voltage
- Information on metering points
- Peak loads
- Technical assets
- Information on new connections
- Information on pas through service

Market Data

Financial Data

Technical Data:

- Installed Capacity
- Capacity Factor
- Number of outages and elec. not supp
- information on metering points
- List of network assets
- Information of technical assets

Market Data

- List of contracts
- Electricity generation by voltage levels

Distribution

Generation

Dispatch

Transmission

Financial Data

Technical Data:

- Cross-border capacity by countries
- System outages
- Information on Voltage and Frequency
- Peak loads
- System hourly loads
- Information on cross-border capacity allocation (NTC, ATC, ALC, NAC)
- Information on capacity auctioning

Market Data

Financial Data

Technical Data:

- Electricity delivered and received by voltage and difference customers / sources
- Technical and commercial losses by voltage
- Information on metering points
- Peak loads
- Technical assets
- Information on new connections (Customer, Generation)

Market Data



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Data Processing and Formats

- Validation
- Cross-checking
- Classification
- Summarization
- Aggregation





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Challenges and Opportunities

- Standardize reports in electricity, natural gas and water sectors
- Annual reporting to be harmonized with tariff application process
- Establish online database and reporting platform
- Harmonize data forms with EU standards (Eurostat)
- Put in practice market monitoring indices

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Thank You