

# Data collection

## Availability of Technical and Operational Data



Belgrade, 1. November 2007.

# Main principles

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- Clear definition of data – unambiguously specified and understandable for energy subjects
- Avoidance of over collection – optimal cost-benefit structure in order to decrease cost attributed to data collection and cost of regulator to evaluate data received

# Legislation

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- AERS is empowered by the Energy Law (Article 16) to request from energy entities data and documents necessary for conducting its activities.
- Energy entities are obliged to deliver data to the Agency within eight days from the date of request for data submission.

# Reasons for data collection

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- Giving opinion in the process of setting and approving tariffs
- Issuing of licenses
- Monitoring
- Benchmarking
- Quality indicators

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# Type of data requested

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- Financial (Economic)
- Technical
- Legal
- Other non-systematic data



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# Procedures and rules

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- Standard templates – Information Code which is published on AERS` website
  - Guideline/instruction booklets\* – Methodologies for determining tariff elements
  - Timing and submission\*
- \* AERS plans to improve the Information Code by providing a Guideline and a Timetable.

# Information Code – energy activities

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Requested revenue requirements, technical capacity and performance data for energy activities:

**Coal:** Production

**Electricity:** Generation, Combined heat and power production, Wholesale, Transmission, Distribution and Retail for tariff customers

**Gas:** Transport, Wholesale, Storage, Distribution and Retail for tariff customers

**Oil and oil products:** Transport

# Information Code – code system

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All tables are classified on unique code system which allows further conclusions:

- type of energy (electricity, gas, oil)
- type of data (economic, technical)
- energy activity
- ordinal number of table
- name of the table

# Information Code - Example

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- Example: **EE-7.8-9 Regulatory Asset Base**
- **EE-7.8-9 Regulatory Asset Base– electricity**
- **EE-7.8-9 Regulatory Asset Base– economic (financial) data**
- **EE-7.8-9 Regulatory Asset Base – ordinal numbers from AERS` licensing rulebook for activities 7- distribution, 8 – DSO**
- **EE-7.8-9 Regulatory Asset Base– table no. 9**
- **EE-7.8-9 Regulatory Asset Base– Name of the table**

# Information Code – economic (1)

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## Structure of economic info code:

- Allocation of common expenses, assets and revenues
- Detailed list of OPEX
- Rate of return and financing source structure
- RAB – list of regulatory assets with depreciation rates

# Information Code – economic (2)

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- Other revenues
- Other specific costs – purchase of electricity, use of transmission and distribution system, cost of losses ...)
- Allocation of Maximum allowed revenue to tariff elements
- Investment plan
- Number of employees
- Environmental protection

# Information Code – technical

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## Structure of technical info code:

- generation companies
  - technical characteristics
  - reliability data
  - electricity production
- wholesaler
  - energy balance (production, import/export, consumption)
- transmission company and TSO
  - transmission network structure
  - energy data (production, consumption, losses, transit...)
- distribution companies and DSO
  - distribution network structure
  - energy data (electricity input, consumption, losses...)
- retailer
  - consumption structure
  - number and structure of customers

# Other requested documents (1)

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- Rationale for significant changes in certain items from Info Code tables
- Financial report for previous year
- Balance sheet, Income statement – consolidated and separated for each energy activity for previous year
- Business plan for next year
- Strategic plan of development for next 5 years
- Chart of accounts

# Other requested documents (2)

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- Plan and realization of maintenance
- Plan and realization of investments and purchase of assets
- Obligations – interest and payment of a debt
- Remarks about model for estimating assets value
- Net value of the assets acquired without charge
- Audit report
- Accounting rules and politics

# Timing and Submission

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AERS requests regulatory accounting information from regulated companies when there is a request for price adjustment.

Principle is to have sufficient time for:

- Company – to collect data
- AERS – to evaluate data

# IT library

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General principle: to develop central record in order to reduce duplication of effort and cost and enable the best use of data provided.

Current status:

- existing of licensing register
- development of centralized AERS information system (IT library) with consultant

# Confidentiality issues

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AERS is obliged by the Energy Law to keep as confidential commercial and other confidential business data, submitted to it for performing tasks within its competence (Article 16).

Principle: Standard data about historic cost and technical information is possible to be available, while strategic future investments must remain confided.

**THANK YOU!**

**QUESTIONS?**



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18