ENERGY DATA COLLECTION SYSTEM – ENERGY SUPPLY

Study tour on Energy statistics and Energy balances under INOGATE programme
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Kalinka Petrova
ENERGY SUPPLY SECTOR

CONTENT:

- PRIMARY / INDIGENOUS PRODUCTION
- OTHER SOURCES (RECOVERED PRODUCTS)
- IMPORTS / EXPORTS
- INTERNATIONAL MARINE BUNKERS
- STOCK CHANGES (OPENING / CLOSING STOCK LEVEL)
STATISTICAL SURVEYS FOR DATA COLLECTION ON ENERGY SUPPLY

- Annual questionnaire for resources and deliveries of energy products
- Annual questionnaire for hydropower plants
- Annual questionnaire for electricity, deliveries and purchased electricity from RES
- Annual questionnaire for deliveries of liquid biofuels
- Administrative data sources
ANNUAL QUESTIONNAIRE FOR RESOURCES AND DELIVERIES OF ENERGY PRODUCTS

➢ Classification:

PRODENERGY

➢ Indicators:

Opening stock levels, Production, Imports, Exports, International marine bunkers, International and Domestic Aviation, Closing stock levels.
ANNUAL QUESTIONNAIRE FOR RESOURCES AND DELIVERIES OF ENERGY PRODUCTS

- **Respondents:**
  Producers of primary/transformed energy products, Main external traders, Main traders on inland market

- **Reporting form:**
  Excel questionnaire

- **Frequency:**
  Annual

- **Method of collection:**
  Comprehensively survey
Indicators in Part 1 of this form provide data for:

- Gross electricity production (MWh)
- Net electricity production (MWh)
- Gross electricity capacity (MWe)
- Net electricity capacity (MWe)
- Used for Pumped Storage (MWh)
ANNUAL QUESTIONNAIRE FOR HYDROPOWER PLANTS

➢ **Respondents:**
*All companies that are owners of HPP. The company provides a separate report for each hydropower plant.*

➢ **Reporting form:**
*Excel questionnaire*

➢ **Frequency:**
*Annual*

➢ **Method of collection:**
*Comprehensively survey for all respondents*
ANNUAL QUESTIONNAIRE FOR ELECTRICITY, DELIVERIES AND PURCHASED ELECTRICITY FROM RES

**Indicators:**

*The Part 3 of the questionnaire contains indicators for purchased electricity and gross installed capacity for:*

- Hydropower plants
- Wind generators
- Solar photovoltaic collectors

**Respondents:**

*This questionnaire is submitted by all Electric distribution companies – the Natsionalna Electricheska Kompania, CEZ, EVN, EnergoPro.*
ANNUAL QUESTIONNAIRE FOR ELECTRICITY, DELIVERIES AND PURCHASED ELECTRICITY FROM RES

- Reporting form:
  Excel questionnaire

- Frequency:
  Annual

- Method of collection:
  Comprehensively survey for all respondents
ANNUAL QUESTIONNAIRE FOR DELIVERIES OF LIQUID BIOFUELS

**Indicators:**

- Opening/Closing stock levels
- Production
- Imports/Exports
- For blending to motor gasoline/diesel
- Production capacities
- Average net calorific values
ANNUAL QUESTIONNAIRE FOR DELIVERIES OF LIQUID BIOFUELS

- **Respondents:**
  The producers and main importers and exporters of biogasoline, biodiesels and other liquid biofuels.

- **Reporting form:**
  Excel questionnaire

- **Frequency:**
  Annual

- **Method of collection:**
  Comprehensively survey for all respondents
ADMINISTRATIVE DATA SOURCES

✓ The National Customs Agency (Extrastat) and the National Revenue Agency (Intrastat) – for all energy products data for imports/arrivals by country of origin and exports/dispatches by country of destination

✓ The Ministry of Economy and Energy – data for coal and RES
Thank you for your attention!

For further questions, please contact at: Kpetrova@nsi.bg