



# “Status Quo in Energy Statistics and Energy Planning”

## Georgia

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BUILDING PARTNERSHIPS FOR ENERGY SECURITY

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# Agenda



1. Sectoral and integrated energy strategies in place or under development
2. Legal or institutional framework for energy planning
3. Stakeholders involvement
4. Use of energy statistics and energy models for energy planning
5. Main issues / challenges faced

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# 1. Sectoral and integrated energy strategies in place or under development



*Please list and describe with a few words (time horizon, frequency of update, organisation in the lead) the main sectoral plans (e.g. gas, electricity, energy efficiency) or comprehensive energy energy strategies (all fuels) in place or under development in your country*

Georgia's Energy Policy document is developed and approved by the Parliament at 24<sup>th</sup> of June 2015

The Energy Strategy of Georgia is under development

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## 2. Legal or institutional framework for energy planning and energy policy formulation



*Please describe with a few words how the energy planning /energy policy formulation process is organised in your country –What do you think can be done to improve the national situation with regards to energy policy formulation?*

1. The Ministry of Energy of Georgia is policymaker in energy sector.
2. The main legal acts for energy sector are [Law of Georgia on “Electricity and Natural Gas”](#) and [“The Electricity \(Capacity\) Market Rules”](#)
3. Electricity System Commercial Operator prepares electricity balance forecast for every next year and submits to the Ministry of Energy of Georgia for approval
4. Georgian Oil and Gas Corporation prepares gas balance forecast for every next year and submits to the Ministry of Energy of Georgia for approval

### 3. Stakeholders involvement



*Please describe which stakeholders are involved in the (main) energy planning process and what their contribution is? (e.g. Governmental bodies, agencies, energy companies, industry associations, consumer groups, NGOs, etc.)*

- The Ministry of Energy of Georgia the main governmental agency directs the state policy in Georgian power sector
- State Agency for Oil and Gas –the Agency under the Ministry of Energy of Georgia which assigns licenses and monitors for oil and gas producers
- Georgian National Energy and Water Supply Regulatory Commission (GNERC) – independent regulatory body for the energy sector issues the licenses, approves the tariff methodology
- Electric System Commercial Operator (ESCO) – balances the difference between the actual consumption and the amount specified by the direct contract between customers and suppliers
- Georgian State Electrosystem (GSE) – Transmits/dispatches electricity to the country by high voltage transmission facilities and ensures the stability security of power system
- Georgian Oil and Gas Corporation (GOGC) the owner of the main gas pipelines
- Georgian Gas Transportation Company (GGTC) Transmits/dispatches natural gas to the country by main gas pipelines and ensures the stability security of gas networks system
- Electricity and gas distribution companies providing end-user services

## 4. Use of energy statistics and energy models for energy planning



*Please describe with a few words what energy statistics are used in the energy planning process in your country? (e.g. energy balances, monthly/quarterly energy statistics, data provided by energy companies, other sources...)*

*To your knowledge, are energy systems models used? (e.g. LEAP, MARKAL-TIMES, ENPEP, MAED, etc.)*

- Preparation of Electricity and gas balances. monthly/quarterly, annual energy statistics
- Energy statistics as the input for MARKAL\_TIMES modeling

## 5. Main issues / challenges faced



*Please list and describe the main issues or challenges faced by your country in the development of fact-based long-term energy strategies or action plans? (e.g. no legal/institutional framework, lack of data/ statistics, lack of knowledge energy planning process / energy modelling, etc.)*

### Energy data/statistics Section:

- Improve the data provided from end-user distribution companies
- Create the robust Database facilities for energy statistics within the ministry of energy

### Energy Modeling Section:

- Changing the base year from 2012 to 2013 in MARKAL\_TIMES of GEORGIA
- Research the robust data from residential and commercial sector



# Thank you!

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