

# **Energy Sector of Armenia Accomplishments, Next Steps**

2014 Policy Dialogue on Energy for Sustainable Development

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## ENERGY STRATEGY

The Energy Sector Development strategy of Armenia was adopted by the government of Armenia in June 2005, which was updated in 2007. The primary objective of the mentioned strategy is to formulate strategic goals for the development of the energy system in Armenia until 2025. It aims to identify the avenues to achieve those goals, based on the principles adopted by the international community for sustainable development.



The following four Pillars are identified in all official document

- nuclear energy development
- full and sound utilization of renewable energy sources, improving of energy efficiency
- diversification of primary energy resources and import/export routs
- regional integration and cooperation.



## ENERGY SECURITY

In an effort to ensure an appropriate level of energy security of the RoA we have developed in cooperation with the Armenian National Security Council a Concept of the Energy Security of the Republic of Armenia that was approved by the RoA President's decree in October 2013.

The RoA government has adopted a program-schedule of the events to be held in 2014-2020 providing for the implementation of the concept provisions in July 2014.



## Energy security

### Ø Regional integration:

- Construction of 400 kV transmission third line Iran-Armenia is started
- In January 2014 the Feasibility Study of 400 kV TL on the Armenian side and 500 kV TL on the Georgian side has been approved by the Armenian and Georgian Parties.

It is envisaged to start with the existing 220 kV line, then to construct 400 kV two-circuit line and a substation with B2B converter at total capacity of 1050 MW. The first stage will be completed in 2018, in which the 220 kV line will be connected to the 350 MW substation with B2B station.



## ENERGY SECURITY

In 2013-2014 packages of two new loan programs were developed within the framework of financing by the WB (\$100 million) and the ADB (\$80 million). The packages of these loan programs shall include all substations that were partially refurbished under financing of previous loan programs; works of the third stage of SCADA system installation and modernization of a number of high-voltage transmission lines.

In the list of issues and to-do activities for the year 2014 there are two important large projects of regional cooperation: construction of Iran-Armenia transmission third line and construction of Meghri HPP. These two projects shall be financed by Export Development Bank of Iran (EDBI).

It is planned to construct a new thermal unit with 250-400 MW capacity in Yerevan TPP in 2021 and Loriberd and Shnogh HPPs by 2025.

# Energy market

Presently the Power Market of Armenia represents, in general, a close system, where economic relations between the power sector entities are formed on a scheme “single buyer-seller”, the role of which is performed by the “Armenian Electric Networks” CJSC. A system direct sale-purchase contracts between generators and the distribution company is being applied in the RoA. Currently is under discussion the possibility of implementing partial of phase-by-phase power market

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