ENHANCING SYNERGIES IN CIS NATIONAL PROGRAMMES ON ENERGY EFFICIENCY AND ENERGY SAVING FOR GREATER ENERGY SECURITY

Yury Shulgin

12 - 13 November 2013, Geneva, Switzerland
DYNAMICS OF PRODUCTION OF ENERGY RESOURCES IN THE CIS.
«BASE CASE» SCENARIO

Dynamics of production of energy resources in the CIS.
«Base case» scenario

Years

min. ton oil eq.
0 500 1000 1500 2000 2500

PER
Oil
Gas
Coal

2006 2007 2008 2009 2010 2015 2020

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DYNAMICS OF CONSUMPTION OF ENERGY RESOURCES IN THE CIS.
«BASE CASE» SCENARIO

Dynamics of consumption of energy resources in the CIS.
«Base case» scenario

- PER
- Oil
- Gas
- Coal

Years

mln. tonn oil eq.

2006 2007 2008 2009 2010 2015 2020

0 200 400 600 800 1000 1200 1400

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### Balance of Production and Consumption of Primary Energy Resources of the CIS Countries According to «Energy Efficient» Scenario

<table>
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<tr>
<th>CIS COUNTRIES</th>
<th>PRIMARY POWER RESOURCES, MLN TONNES IN OIL EQUIVALENT</th>
<th>2008 Year</th>
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- laws on energy saving and energy efficiency;
- strategic documents on the development of national economies, where the goals and objectives of energy efficiency are reflected;
- national programs and action plans in the field of energy efficiency;
- specific industry and specialized programs in the field of improving energy efficiency in accordance with national priorities.
The main shortcomings of the regulatory framework of energy saving in a number of states:

- Declared nature of the laws on energy saving.
- Laws on energy efficiency do not contain mechanisms of direct action.
- Laws on energy efficiency are poorly related to other legislative acts which regulate various issues of energy, environment and other.
- Norms of energy legislation are often not aligned, there are gaps and unresolved issues.
- There is no comprehensive and coherent approach to policy implementation in the field of energy efficiency.
- System of performance targets for energy saving is insufficiently developed.
- Monitoring and evaluation mechanism is absent or undeveloped.
- Insufficient system of collection of statistical information.
- There are no mechanisms of adjustment to the medium-term goals and mechanisms of their achievement.
- Insufficiently developed system of regulations and standards.
- Mechanisms of economic incentives for investment in energy efficiency are not yet worked out.
BARRIERS TO IMPLEMENTATION OF ENERGY SAVING MEASURES

- imperfection of the tariff policy
- the practice of cross-subsidization
- underdeveloped market of energy services and energy-saving technologies
- uncertainty about the budget support of energy saving perspective
- high investment risks
- low level of qualification of management on the ground, insufficient level of culture economical use of energy resources
- insufficient development of the market relations
- the absence of effective economic incentives for investments in the main production assets and the implementation of energy saving projects
- imperfection of state management and regulation in the field of energy saving, in particular at regional and local levels
- rejection of innovative technologies in general by economic agents
- unwillingness of the population and the authorities to wait several years for a return on investment
Agreement on cooperation of the member States of the Commonwealth of Independent States in the field of ensuring energy efficiency and energy saving, Kishinev, 7 October 2002, the Executive Committee of the Commonwealth of Independent States

Basic directions and principles of interaction of the members of the Commonwealth of Independent States in the field of ensuring energy efficiency and energy conservation Approved by the Decision of the CIS Economic Council of 11 March 2005

Strategy of interaction and cooperation of States - participants of CIS in the field of electric power industry till 2020», approved by the decision of the electric power Council of the CIS dated 26 May 2005

The agreement on cooperation of the member States of the Commonwealth of Independent States in the field of ensuring energy efficiency and energy saving». 

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development and strengthening of the technological basis of functioning of electric power industry on the basis of parallel power systems of CIS;

the creation of a common electricity market of CIS countries;

the development of transnational transport energy networks;

development of small hydropower taking into account world experience;

coordination of actions of export, transit and import of fuel and energy resources;

expansion of technical opportunities for the use of unconventional and renewable energy sources, creation of conditions for production of appropriate equipment in the enterprises of CIS;

improvement of production base of the fuel and energy complex, creation of new generating capacity.
development of a joint comprehensive action plan in the field of energy efficiency long-term target indicators and indicating specific activities and funding

development of a framework Program of energy saving and energy efficiency on the basis of national programs

the creation of a specific body/centre for the management of energy as well as a fund for energy efficiency and energy saving, that would funded by joint contributions from member countries as well as from other sources of funding

organization of cooperation at the level of sectoral and regional authorized bodies, development institutes, technological agencies, innovation funds

implementation of joint projects on construction of thermal power plant, mini thermal power plant for the production of thermal and electric energy; pilot projects to share best practices for energy efficiency in the CIS countries

creation of common information space in the field of energy saving through the creation of expert-consulting network, which includes constantly updated database of knowledge

development of cooperation with the World Bank Group and other international donors to establish effective mechanisms for financing energy saving projects specific to the region

development of regional action plan on implementation of the initiative SE4All
THANK YOU FOR YOUR ATTENTION

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