

VIII International Forum ATOMEXPO

Future Energy Balance structure in Russia: sustainable mix of Nuclear, Gas and Local generation (including renewables)

ROUND TABLE

Energy Balance Optimization, Environmental and Economic Aspects.
Nuclear and Renewable Energy

30/05/2016

Key points



In order to make assumptions about future energy balance in Russia and new energy technologies potential the scenario analysis should be undertaken, including «inertial» scenario and «innovatio» scenario



Such research should take into consideration main factors, which influence on the cost of energy:

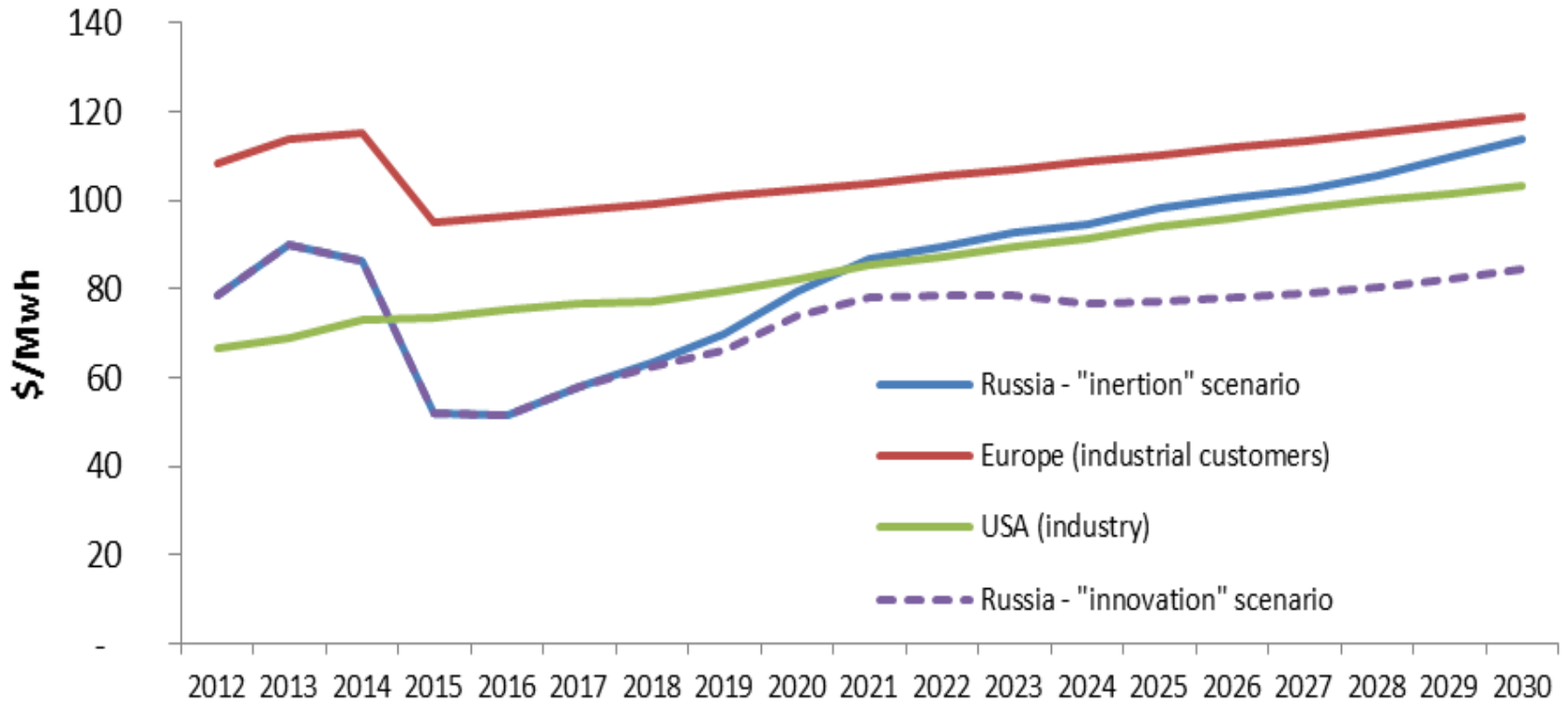
- Gas prices
- Local energy market rules
- Power reserves situation
- Tariffs regulation



In Addition – new technologies should be taken into account:

- Demand Response and Advanced Metering;
- Energy storage and Microgrids;
- Distributed grid automation and new control techniques

Cost of Energy: direct comparison*



Russia industry could only be competitive while using brand new technologies!

Conclusions

Main economic effect could be achieved on the basis of:

