





Energy sector is transforming under new energy policy of the EU

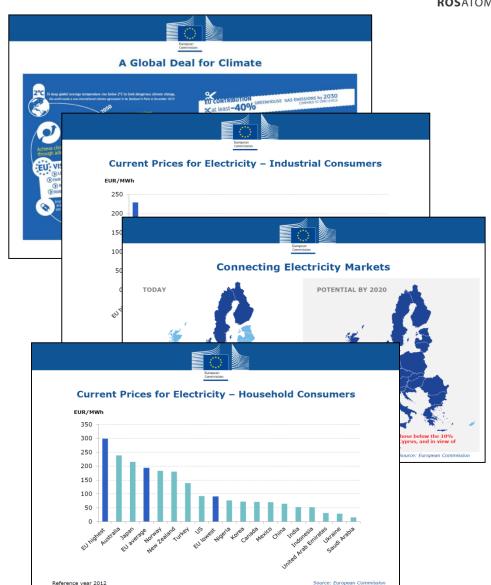


EU targets for energy sector:

- New design of European electricity market without electricity islands
- Improving the sustainability of energy systems
- Increasing industry competitiveness
- Power supply security for the consumers
- Decarbonizing the economies
- Focusing on modern and innovative technologies
- Energy efficiency increase

Targets are fixed in documents of Energy Union and Paris agreement:

- 40% CO2 emission decrease by 2030
- 27% RES share by 2030
- 10% Interconnection target by 2020 and 15% - by 2030

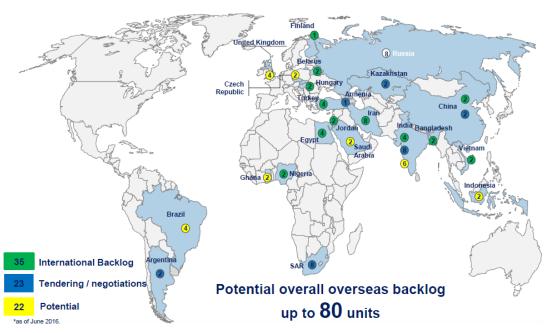


Rosatom VVER – referenced technology with global presence



Nuclear power is a win-win solution for energy sector:

- NPP grid infrastructure could integrate power systems
- Return the investments without burden on consumers and market imbalance
- Price leaps elimination and restriction of CO2 certificates cost rising for market sustainable
- Sustainable power supply



Rosatom is at the cutting edge of nuclear industry development:

- 44 NPP Units under construction globally
- First Generation 3+ unit has already been put into operation on Novovoronezh NPP
- Implementation of modern fast-breeder reactors
- Multi-level safety systems
- Complete life-cycle products and services in nuclear power
- 4 EU-oriented VVER projects: Hanhikivi, Paks, Ostrovets, Baltic (Kaliningrad)

Baltic NPP could act like an Energy Hub for Market Integration



Export oriented Baltic NPP is located in Kaliningrad region.

Installed capacity - 2x1200 MW, Annual production - 17 TWh,modern generation 3+ reactor



WHY Baltic NPP (3rd country partner)?

- ✓ Extension of electricity transmission systems
- Safety of NPP generation is priority: generation III reactor
- ✓ Supporting EU 15% interconnection target
- ✓ More generation units less price leaps
- ✓ CO2 emission cut 15,4-19,6 mln t/year*

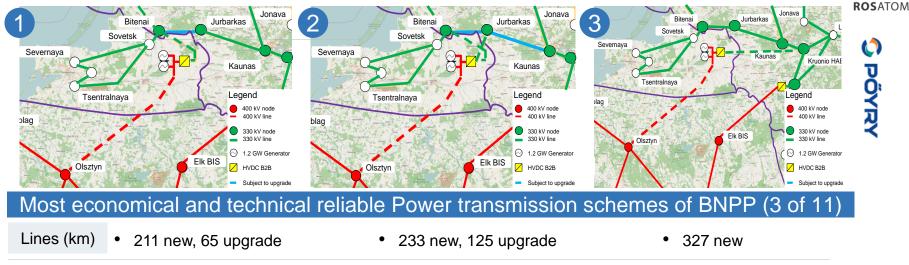
Stimulation of economy and regional co-operation

- ✓ Avoid energy Islands in Baltic Sea Region
- External investments in EU transmission interconnection
- ✓ Up to 50% of equipment from European companies
- Additional opportunities for EU companies to be partners and contractors



Baltic NPP interconnection is efficient in different scenarios of synchronization





493 mEUR

Double circuits on all new build transmission lines and 3 x 600 MW HVDC B2B station in Lithuania direction

Potential schemes of partnership in interconnection project – ideas for discussion

Short-term partnership scheme

 Partner and Rosatom established a JV for interconnector construction project with shares 70/30 – Rosatom puts feasibility study results as a part of share.

459 mEUR

Investment

Type

- Rosatom gradually buys Partner's share providing guarantee IRR:
 - E.g. 30% at the construction authorization date (funding of grid construction with shares 40/60)
 - E.g. final 40% at the commercial operation date of Baltic NPP

Long-term partnership scheme

521 mEUR

- Partner secure project conditions, construction and implementation of the grid.
- Rosatom pays transmission fee according to log-term agreement providing guarantee IRR for the Partner.

Detailed terms and conditions of schemes are subject to discuss as far as others possible schemes of partnership.