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TRENDS OF DEVELOPMENT AND PROSPECTS OF THE LITHUANIAN ENERGY SECTOR

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Shutdown of Ignalina NPP on December 31, 2009

- Lithuania turning overnight from net electricity exporter into net electricity importer
- A large disequilibrium of the energy-mix with gas and oil having now an unproportionally large share

Visaginas NPP project

- The project is economically viable and commercially attractive
- 5 companies passed the prequalification stage for the selection of the strategic investor
- Efforts into creating the most attractive investment environment

Lithuania as an “energy island” and electricity interconnections

No gas and electricity interconnections with the EU

■ “NordBalt”:

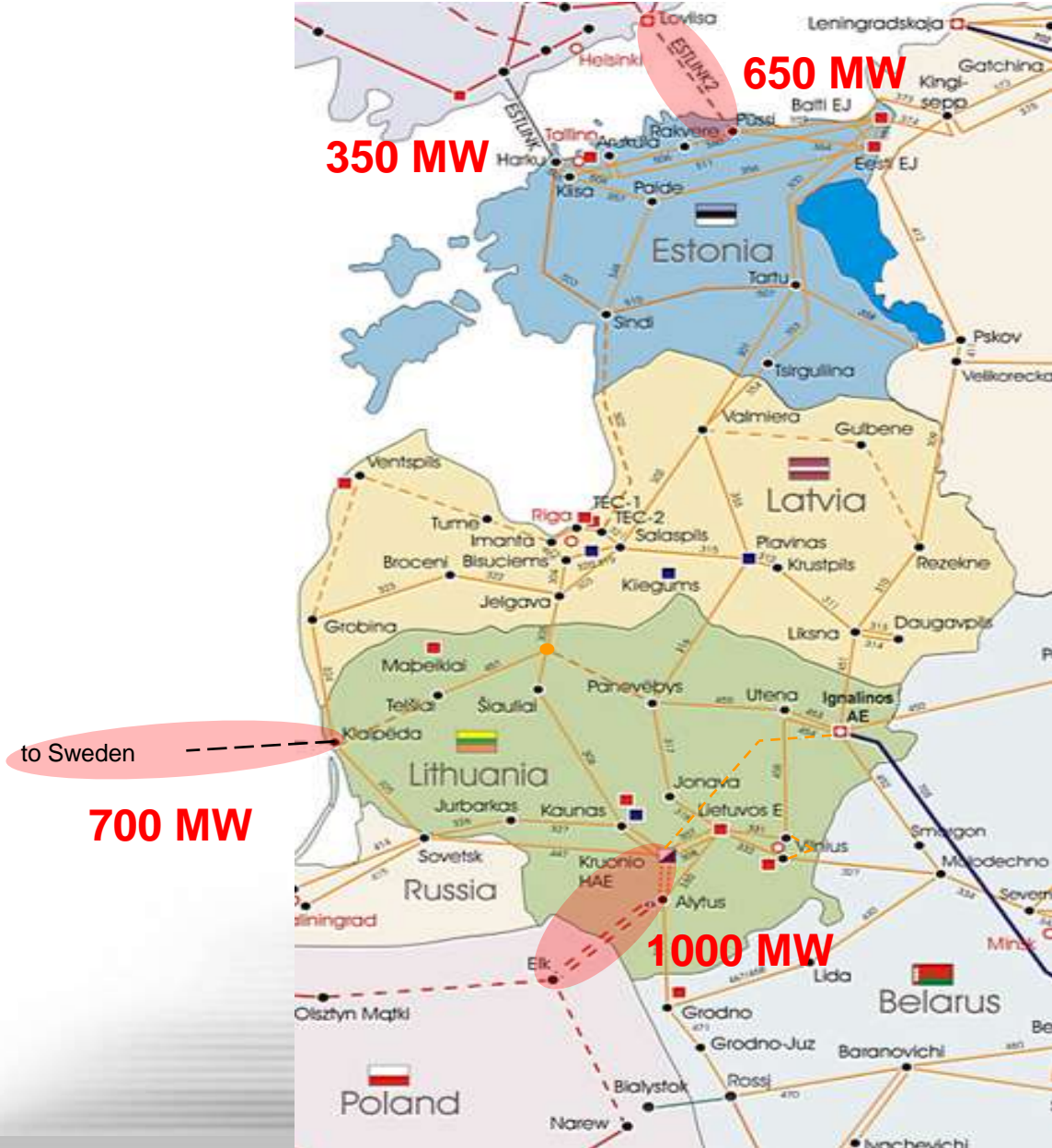
- a number of preparation works for the construction of the interconnection already done
- capability for energy produced by offshore wind farms to access to the interconnection
- expected to cost EUR 516–738 million and to be built by 2016

■ “LitPol Link”:

- preparation of territorial planning and environmental impact assessment commenced
- development of the Financial and Operational Models
- expected to cost EUR 237 million and to be completed by 2016.

Elektros jungtys

- NordBalt
- LitPol Link
- EstLink II



Syderiai natural gas storage and LNG terminal

- Exploration of the geological and geoseismic structure of Syderiai for the natural gas storage facility
- Feasibility study for an LNG terminal in Lithuania
- Possibility of transporting LNG by *regasification* ships and regasifying LNG on board, as alternative to the LNG terminal

Renewable energy sources



- Consumption of renewable energy sources:
 - app. 9 % in primary energy balance
 - app. 16 % in gross final energy balance
- Major economical potential – wood and wood waste, biogas, municipal waste, wind energy
- Targets:
 - 23 % in gross final energy consumption
 - 10 % in transport energy consumption
- Draft Law on Renewable Energy
- Draft Strategy on Renewable Energy Sources



Energy efficiency

- Large energy efficiency potential in demand and supply sides
- The consumption of heat having an especially low level of efficiency
- Lack of companies offering energy saving services

THANK YOU FOR YOUR ATTENTION!