

Priorities of national power market of Belarus



Republic of Belarus



Territory - 207,6 thousand sq. km.

Population– 9.5 millions.

Capital – Minsk, 1.9 millions.

Extension

- From North to South 560 km,
- From East to West 650 km

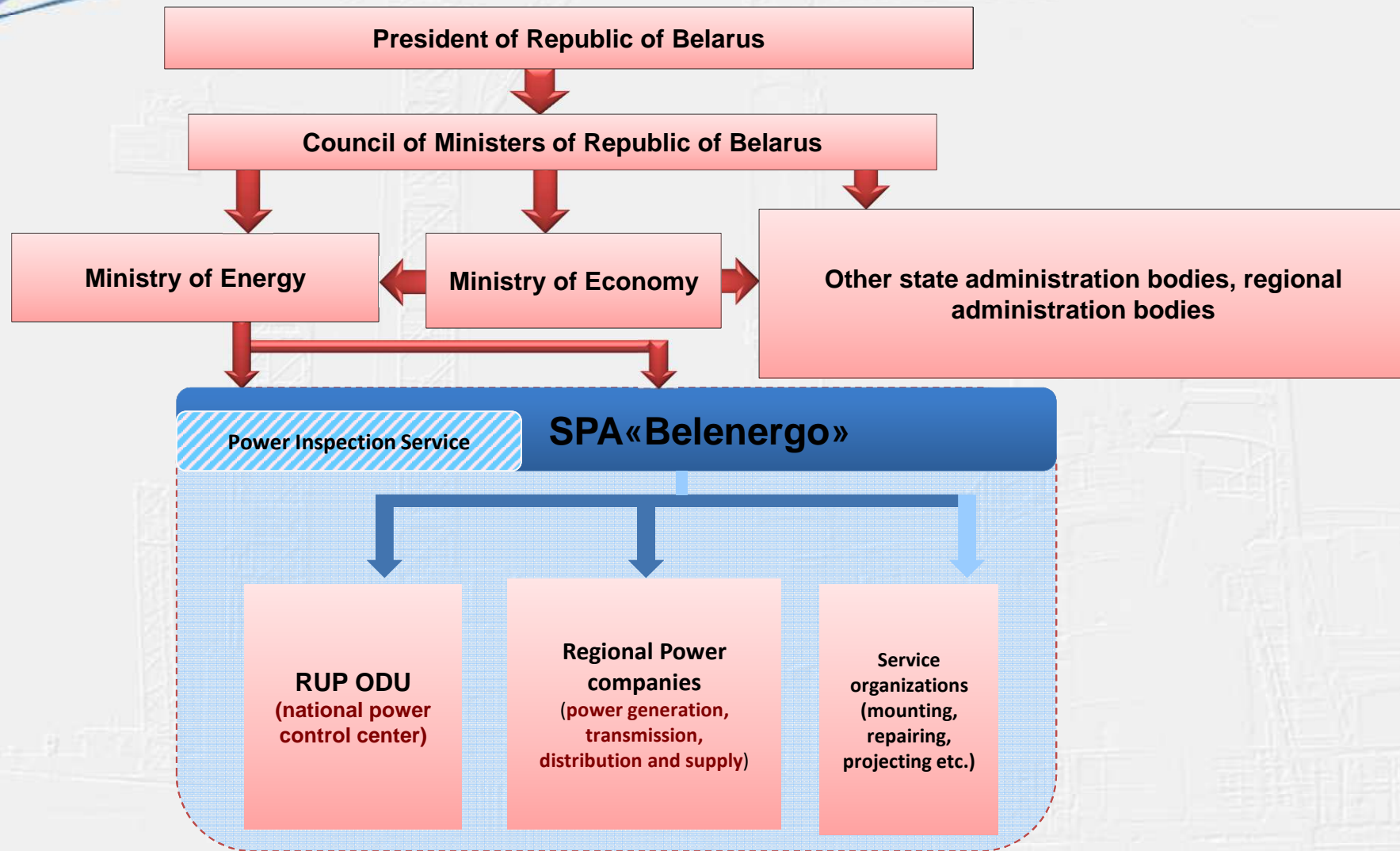
Time zone – GMT+2

Republic of Belarus is a landlocked country in Eastern Europe bordered by Russia to the east, Ukraine to the south, Poland to the west, and Lithuania and Latvia to the north. Belarus is strategically situated on the routes North-South and East-West.

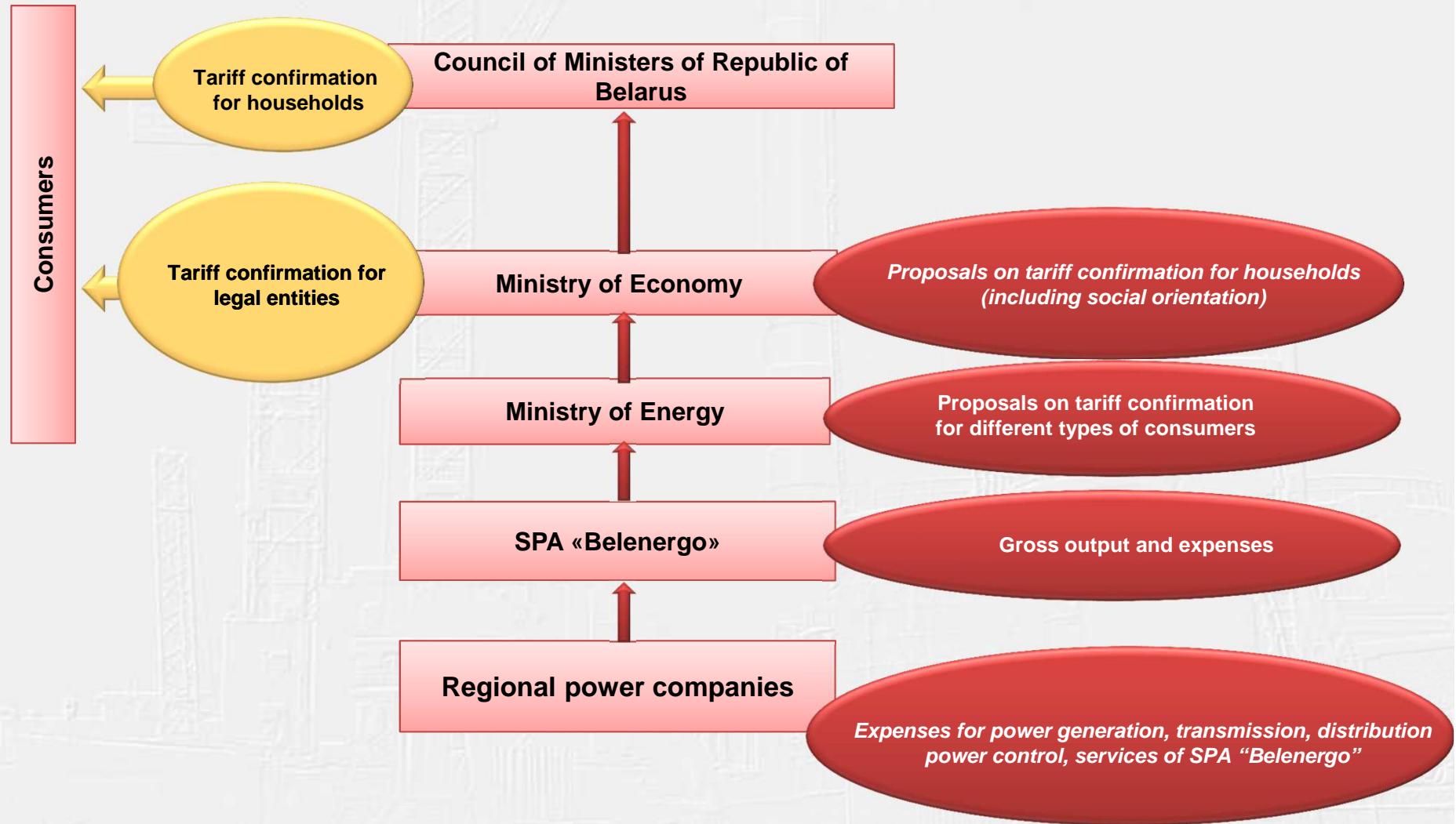
Belarus is divided by 6 regions, 118 districts, more than 100 towns, 111 small towns, more than 24 000 villages.



Managing structure of Belarusian power industry



Tariff regulation in Power Sector



Main characteristics of Belarusian power system (2013)

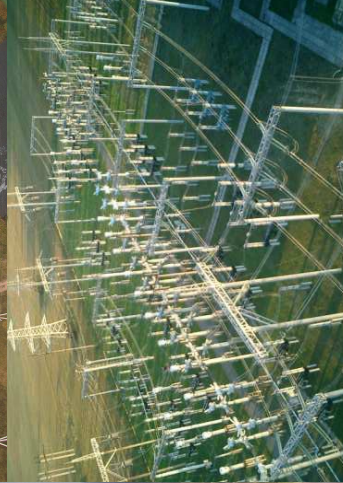
Installed capacities

SPA "Belenergo" (by the end of 2013)

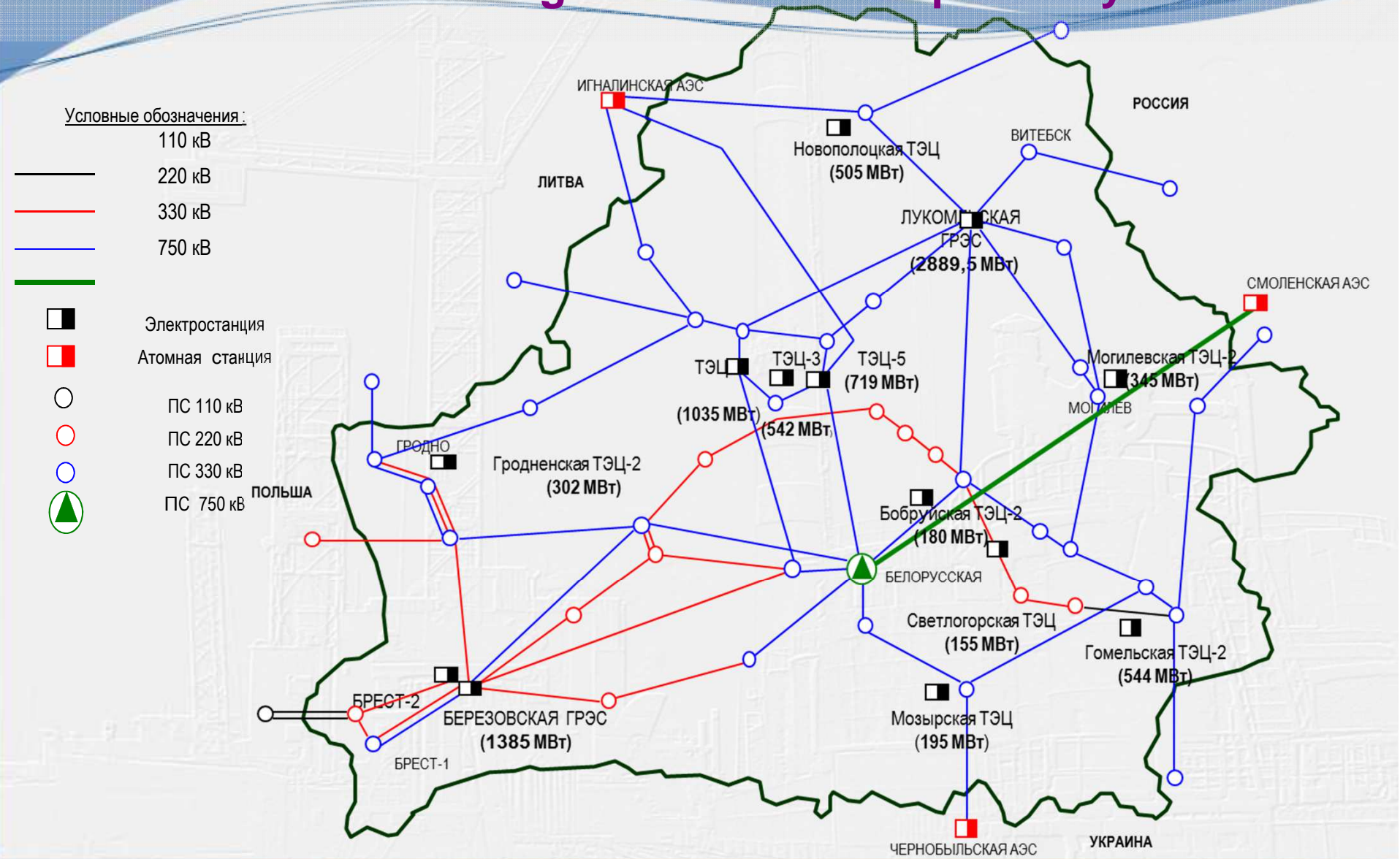
Power plants	8 506,1 MW
Conventional	4 140,1 MW
CHP	4 338,2 MW
Other sources (wind, water)	27,8 MW

Electricity production:	31,30 TWh
Electricity imports:	6,72 TWh
Electricity exports:	0,35 TWh
Consumption:	37,70 TWh





Scheme of transmission grid of Belarusian power system



Cross-border transmission lines of Belarusian power system

With Russian Federation:

1 OHL 750 kV

3 OHL 330 kV

With Ukraine:

2 OHL 330 kV

With Lithuania:

5 OHL 330 kV

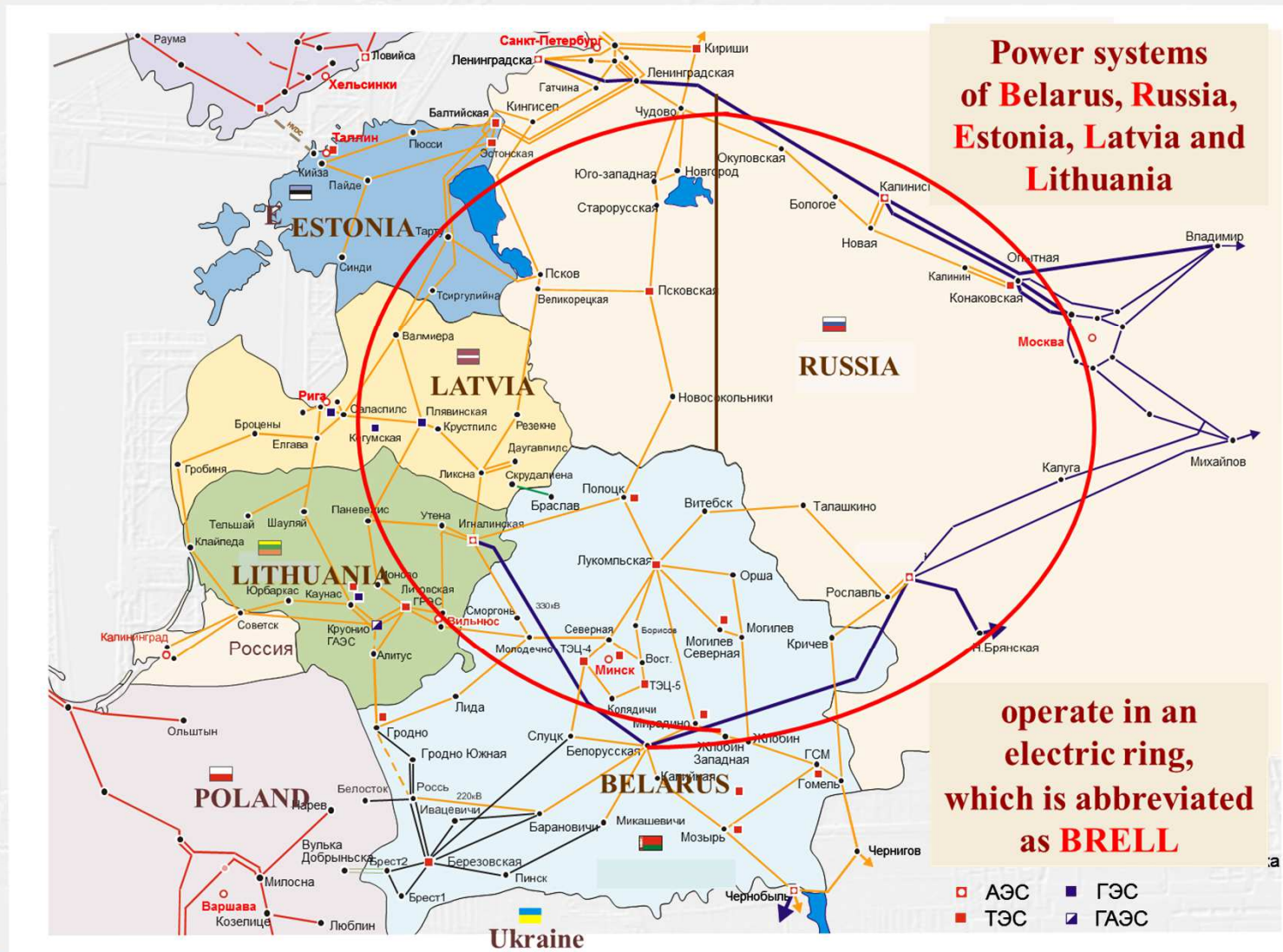
With Poland:

1 OHL 220 kV

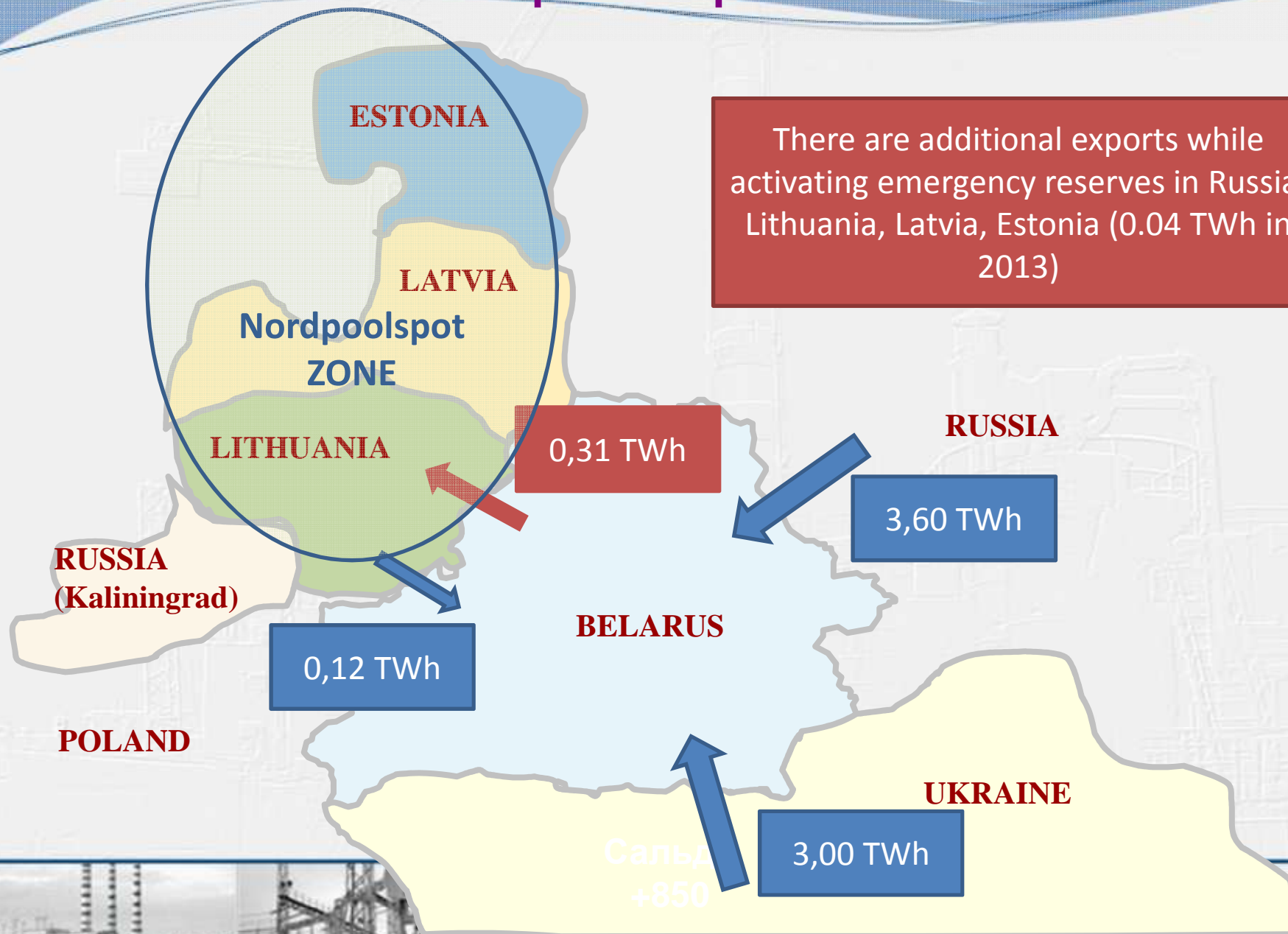
2 OHL 110 kV



Synchronous operation in BRELL Ring



Imports/Exports



Transit



Belarus transits Russian electricity to Lithuania and deficit regions of Russian IPS. Total transit in 2013 – 1,97 TWh

RUSSIA

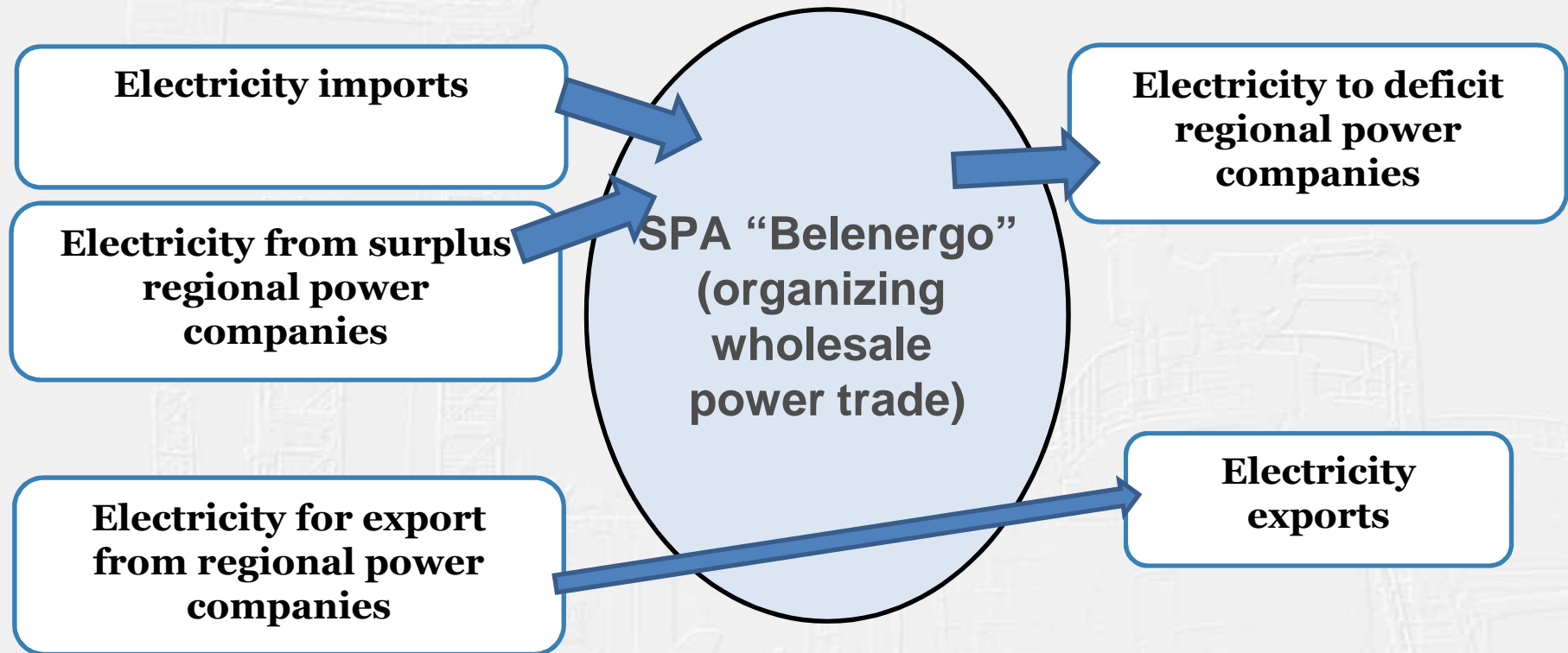
International agreements:

The agreement on transit of the electrical energy and capacity of the participating states of the Commonwealth of Independent States from January 25, 2000

Agreement on providing access to natural monopolies services in the sphere of electrical energy industry, including the basics of price formation and tariff policy from November 19 2010.



Functioning of wholesale power market



Common Economic Space integration (Russia, Belarus, Kazakhstan)

Russia, Belarus, Kazakhstan are creating Eurasian Economic Union on the basis of Customs union and CES. Experts are working out on conception of creating common electricity market of EEU in reliance on agreed principles:

- step-by-step transformation of national vertically integrated power companies aiming functional unbundling,
- development of international relations in power sector due to agreed model of common electricity market,
- step-by-step creating of common electricity market of EEU on the basis of synchronous operation of national power system taking into account details of existing national power markets.



Road map of creating common electricity market of Eurasian Economic Union

