

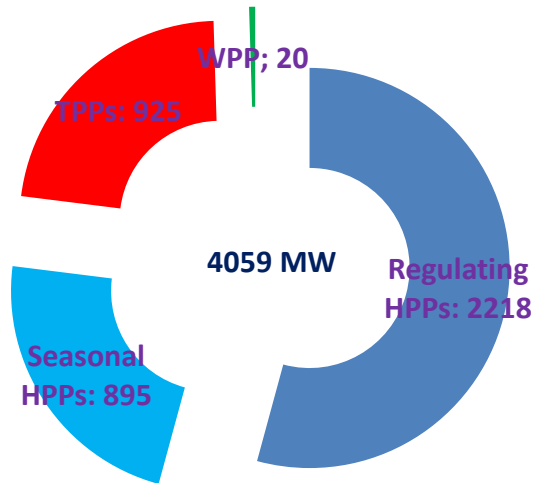
Georgian State Electrosystem

Georgia as a Perspective Energy Hub for the South Caucasus Region

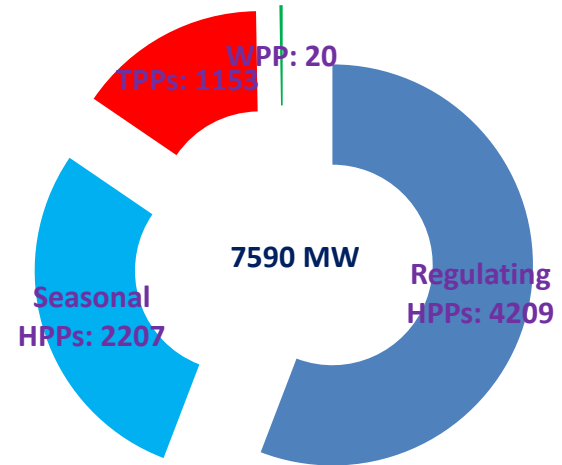


Sulkhan Zumburidze
Chairman of Management Board

Installed Power Capacity of Georgia

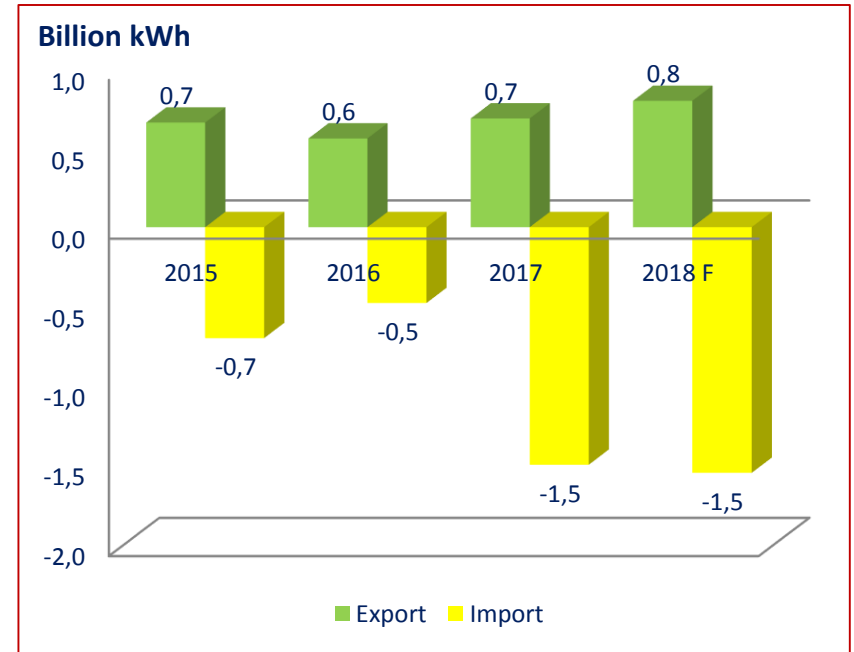
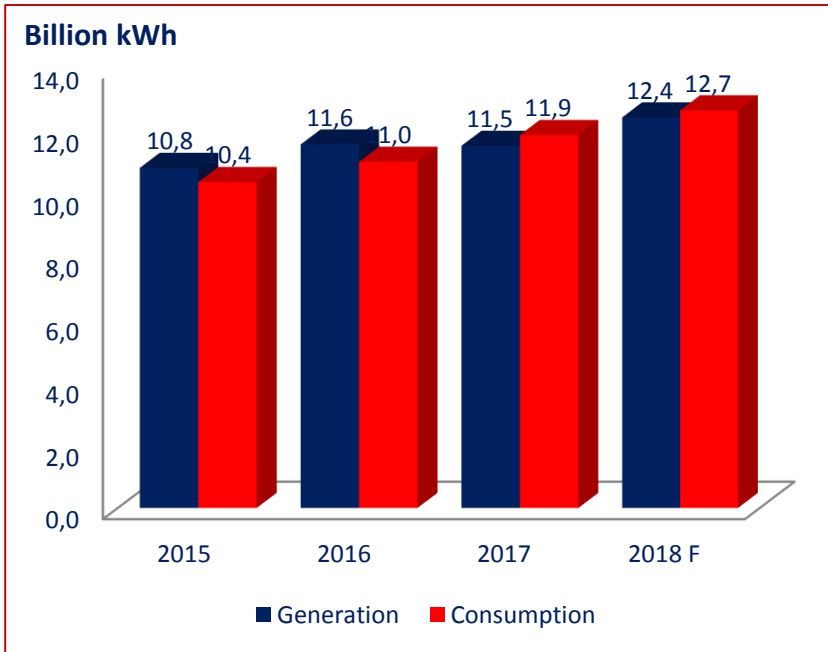


Current Power Capacity



Planned Power Capacity by 2028

Electricity Generation, Consumption, Export, Import



Compound annual growth rate of electric power consumption: 6,9%

GSE Corporate Profile

100% State-run T&D company

- Provides power transmission & dispatch services to eligible customers in Georgia, including distribution companies
- Actively participates in power exchange operations with neighboring countries

Assets

- 500/220/110 kV OHLs with the total length of 3,350km
- 90 Substations (500/220/110/35kV) with the total installed capacity of 10,213 MVA

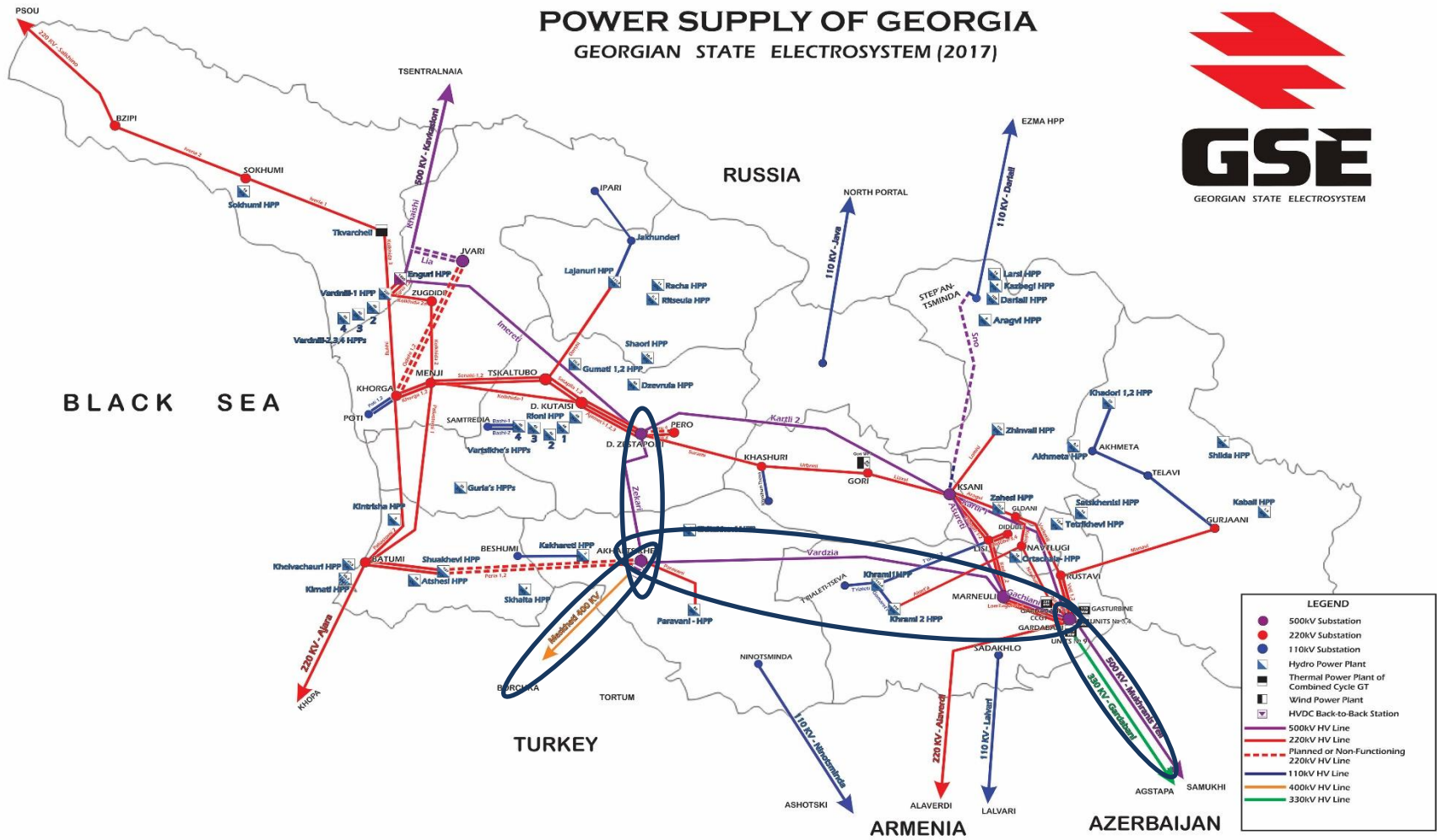
Subsidiaries

- Energotrans Ltd. (100% GSE shareholding)
- Karchal Energy (99% GSE shareholding)

Our Objectives

- Increase network reliability and fulfill N-1 criterion
- Connect new power stations to the network and satisfy growing demand for electricity
- Fully utilize Georgia's export and transit potential

Black Sea Transmission Network Project

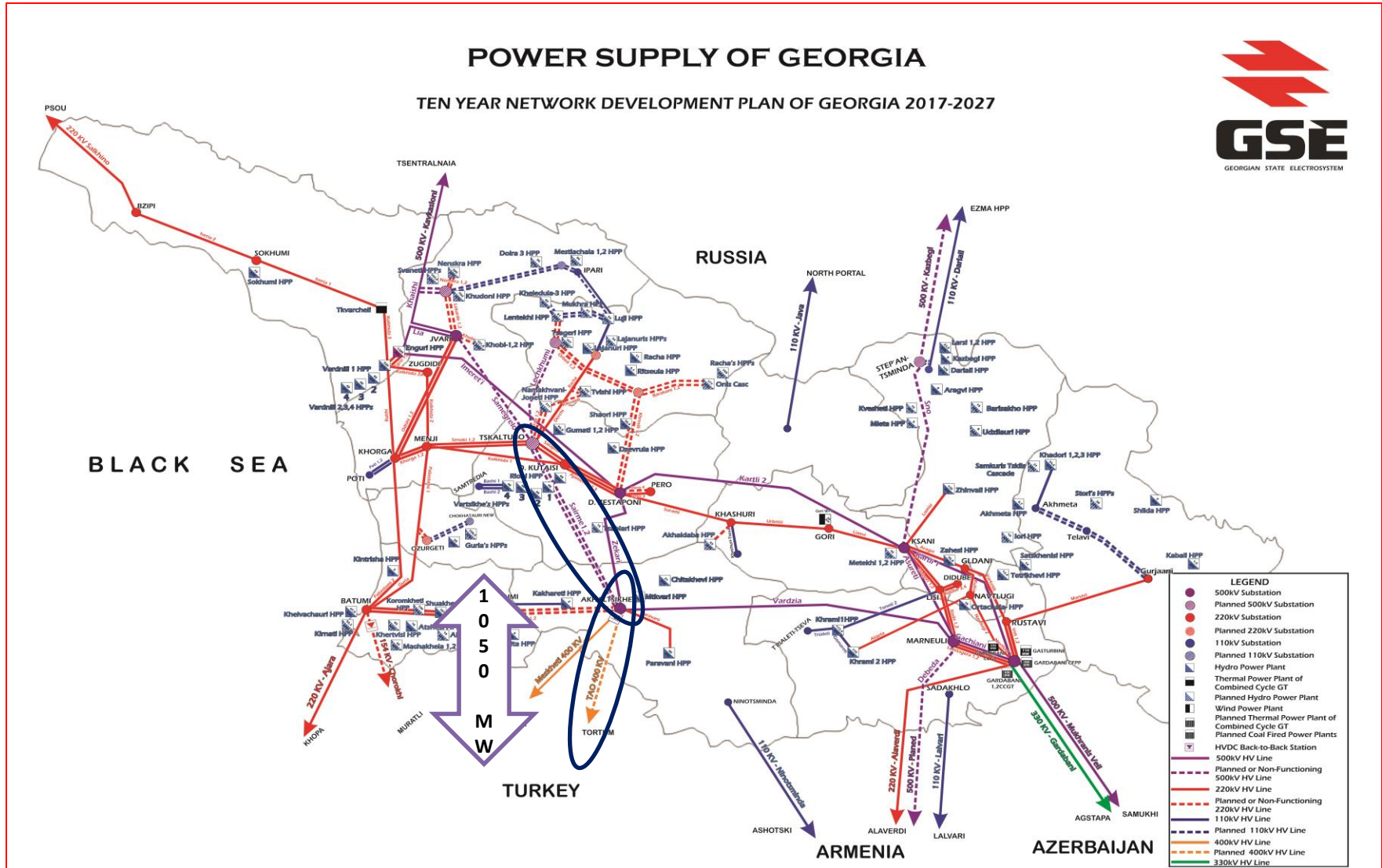


Open Program Extension Transmission Network Georgia II



POWER SUPPLY OF GEORGIA

TEN YEAR NETWORK DEVELOPMENT PLAN OF GEORGIA 2017-2027



Open Program Extension Transmission Network Georgia II

Component 1 – Tskaltubo - Akhaltsikhe

- Construction of 104 km Double Circuit 500 kV OHL Tskaltubo - Akhaltsikhe
 - 36,1 million EUR
- Extension of 500 kV switchyard in Akhaltsikhe Converter Station
 - 2,6 million EUR

Component 2 – Akhaltsikhe - Border with the Republic of Turkey

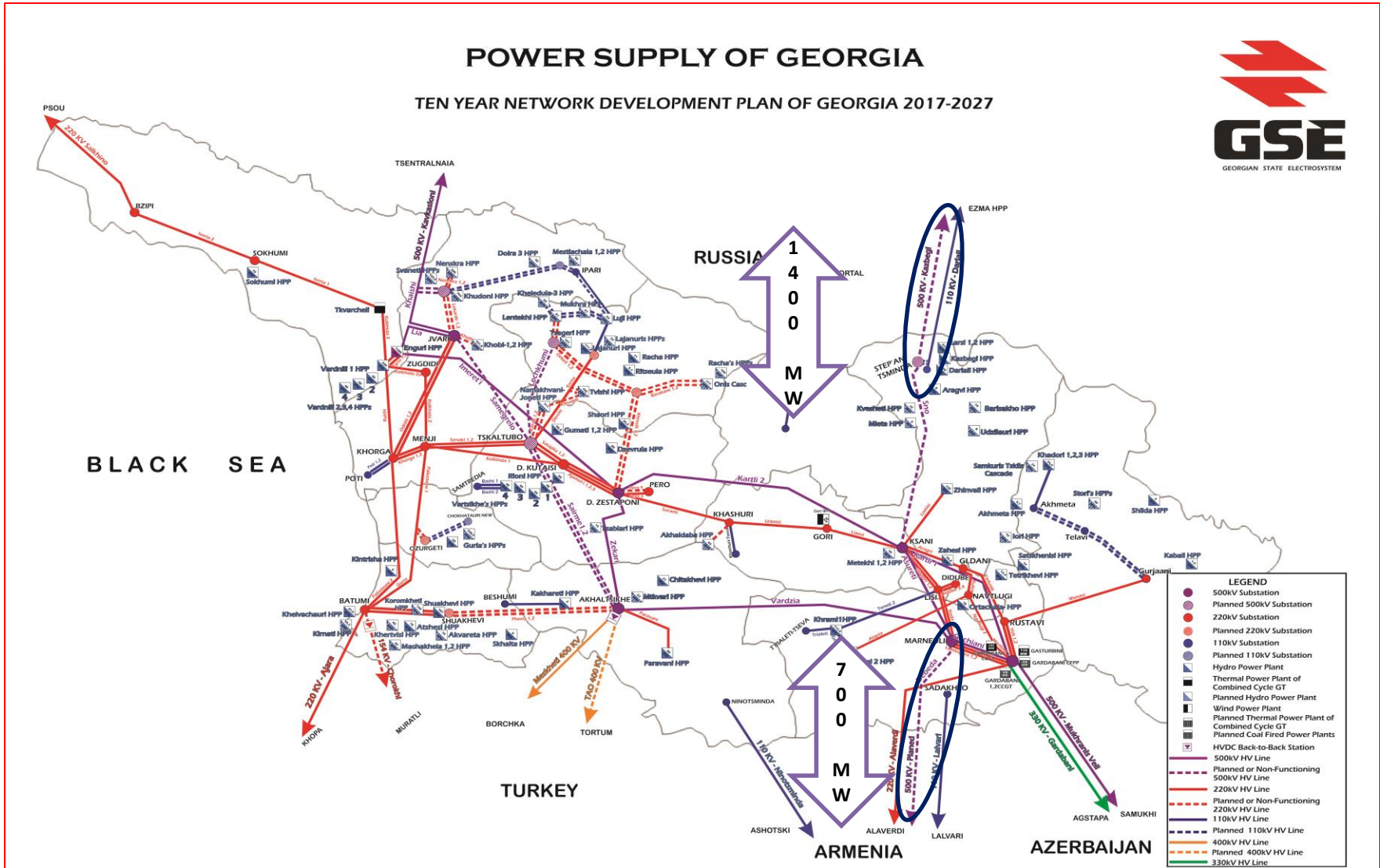
- Construction of 33 km Single Circuit 400 kV OHL Akhaltsikhe - Border (in the direction of Tortum)
 - 7,2 million EUR
- Extension of 400 kV switchyard in Akhaltsikhe Converter Station
 - 1,4 million EUR

North - South Energy Interconnection Project



POWER SUPPLY OF GEORGIA

TEN YEAR NETWORK DEVELOPMENT PLAN OF GEORGIA 2017-2027



North-South Energy Interconnection Project

Stepantsminda - Mozdok 500 kV OHL

On Georgian territory:

- Construction of the new 500 kV Stepantsminda S/S
- Construction of 16 km 500 kV OHL from 500 kV Stepantsminda S/S up to the Border of the Russian Federation
- Construction cost: 22, 2 million EUR

On Russian territory:

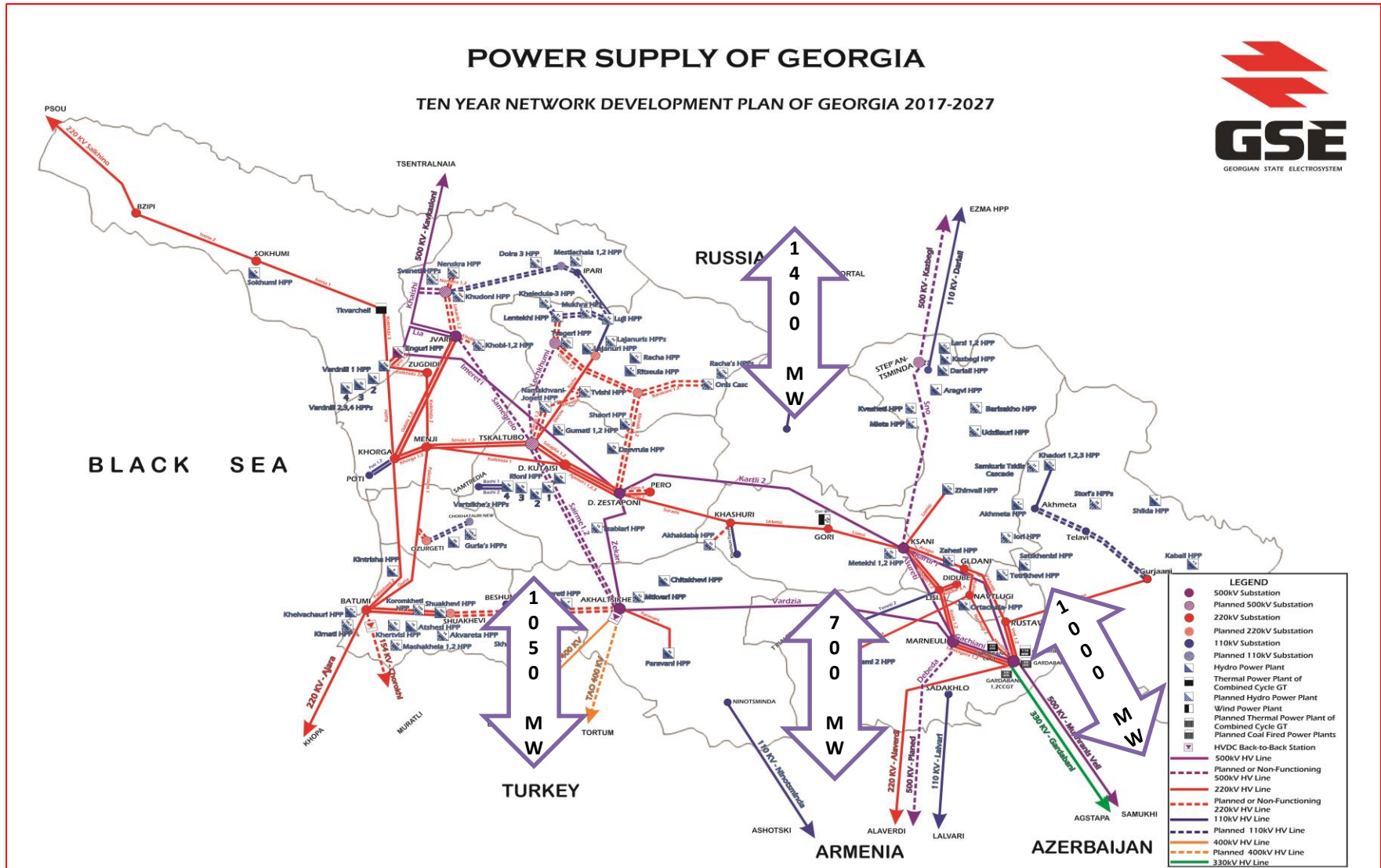
- Construction of 130 km 500 kV OHL to 500 kV Mozdok S/S
- Construction cost: 103 million EUR

Cross-border Transmission Capacity of Georgia by 2028



POWER SUPPLY OF GEORGIA

TEN YEAR NETWORK DEVELOPMENT PLAN OF GEORGIA 2017-2027



Thank you for your attention!

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