Georgian State ElectroSystem

Performance overview and plans
**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**

- 500/400/220/110/35kV OHLs with the total length of 2,938km
- 90 Substations (500/220/110/35kV) with the total installed capacity of 8,400 MW

**Subsidiaries**

- Energotrans Ltd. (100% GSE shareholding)
- Karchal Energy (99% GSE shareholding)
Regional Transmission Network (part of BSTN)

Existing Lines

Planned

DC Link - HVDC
Akhaltsikhe 500/400 kV Substation (with HVDC link)
ADB – Regional Power Transmission Enhancement Project

POWER SUPPLY OF GEORGIA
GEORGIAN STATE ELECTROSYSTEM (2013)

Khorga 220

Tsirani

Marneuli

Legend:
- 500kV Substation
- Planned 500kV Substation
- 200kV Substation
- Planned 200kV Substation
- 110kV Substation
- Planned 110kV Substation
- Hydro Power Plant
- Thermal Power Plant or Combined Cycle TPP
- Planned Hydro Power Plant
- 500kV line
- Planned 400kV line
- 220kV line
- Planned or Non-Functioning 500kV line
- Planned or Non-Functioning 220kV line
- 110kV line
- Plans

Power Generation, Consumption, Export and Import Dynamics

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2/27/2014
Energy and Network Planning

- Provide GSE with European experience and best practice in System Planning, in order to meet 3rd Package requirements, and to set transparent and effective procedures in order to improve country attractiveness by increasing its export and transit potentials.

- Provide information about main techniques, principles, tools and software used for planning through seminars, training and study tour.

- Recommendations and Help in development of special procedures and rules.

- Improve tools for regional cooperation.
Thank You