



***The construction of Iran-Armenia 400 kV third  
Transmission line and appropriate Substation (“Noravan”  
400/220/20 kV) Project***

***“High Voltage Electric Networks” CJSC***



## Terms and conditions

- ▶ *Project goal – Construction of Iran-Armenia 400 kV third Transmission line and appropriate Substation (“Noravan” 400/220/20 kV)*
- ▶ *Financing institution – Export Development Bank of Iran (EDBI) (77%) and “SUNIR International FZE” (23%)*
- ▶ *Loan amount – 107,9 million Euro*
- ▶ *Annual interest rate – 4% and 3% accordingly*
- ▶ *Payment of Principal – 2019-2024*
- ▶ *Contractor – Iran Power and Water Equipment and Services Export Company SUNIR*

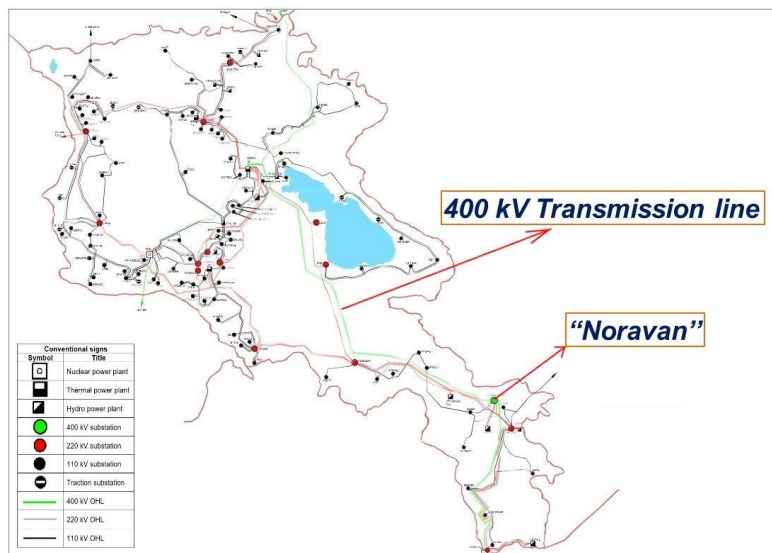
## Project Goals

- ▶ *Enhancing the power flows from 350 MW up to about 1,000 MW between the Republic of Armenia and the Islamic Republic of Iran*
- ▶ *Increasing the reliability and stability of parallel works of RA and IRI Energy systems*
- ▶ *Increasing the Energy Security level*
- ▶ *Increasing the reliability and stability of Energy systems of RA by strengthening the North-South power connection of Republic*
- ▶ *Using Iran-Armenia gas pipeline capacity in full volume in the framework of the "Gas Towards Electricity" project*



# Construction of 400kV Transmission line and “Noravan” 400/220/20 kV substation

- ▶ “Noravan” 400/220/20 kV substation will be constructed 200 km far from the capital Yerevan
- ▶ It will occupy 12 ha area
- ▶ Two 200 MVA autotransformers will be installed in the substation
- ▶ The length of the Overhead Transmission line is 268 km and the total amount of towers is 706

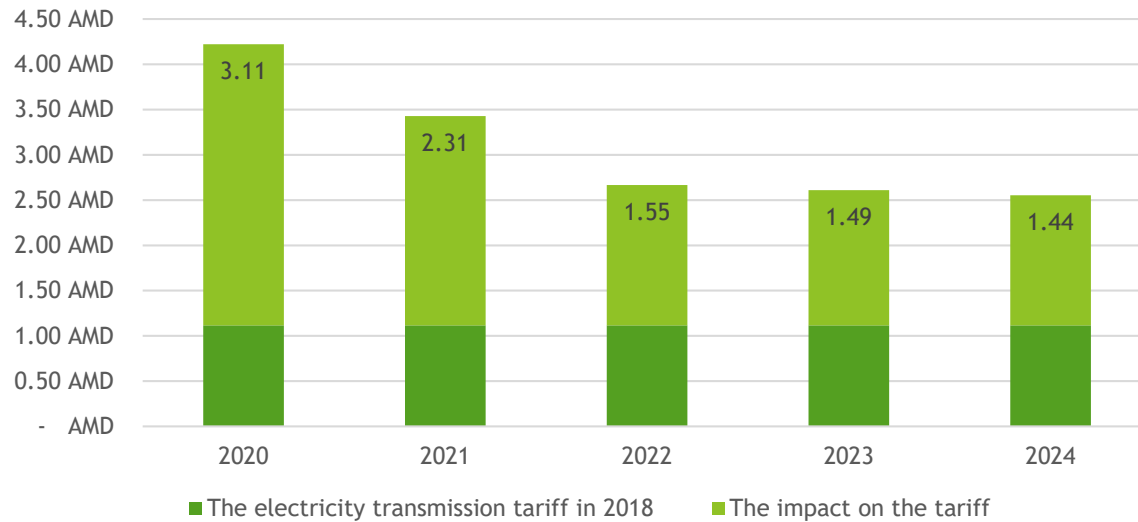


**The completion of works is foreseen in 2019.**



# The impact on the electricity transmission tariff

## Loan funds service impact on the electricity transmission tariff



\*Tariff calculation is made taking into account the transmitted electricity amount 6.648 billion kWh and fixed exchange rate.

**Max tariff 3,11 AMD/kWh for Loan funds services**