



**TANESCO – Energy
Cooperation Summit**

**Building a Regional
Interconnection**

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Building a Regional Interconnection

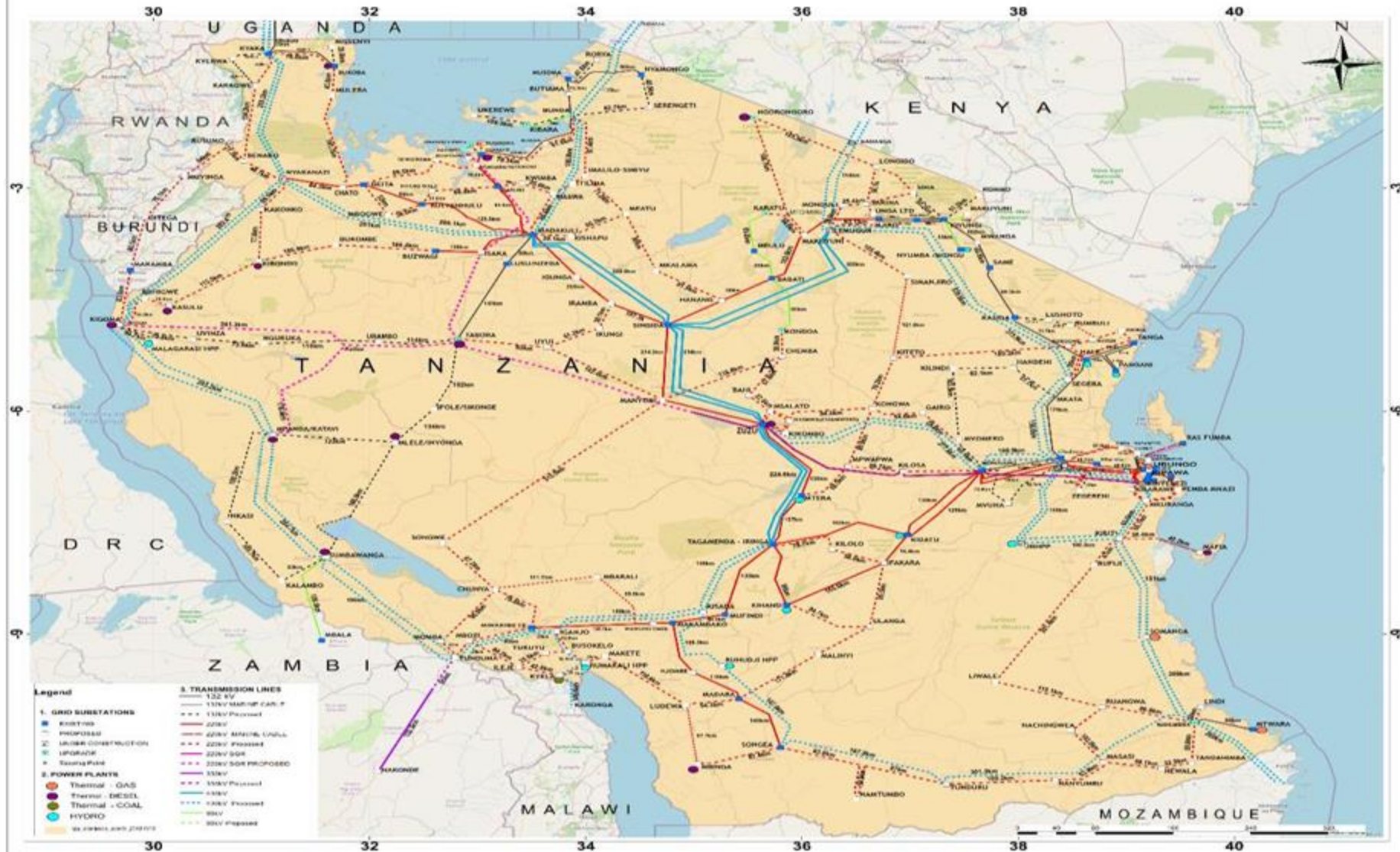
Tanzania has ambitious plans to play an important part in connecting the region with several projects already in the pipeline.

Tanzania is strategically located in the region and is a member of EAPP and SAPP. Being a member of EAPP and SAPP, Tanzania is exposed to the power trading with nearby countries.

As a plan, Tanzania is expected to be a power hub in which regional power trading is important. Being bounded by eight countries, Tanzania is leveraged to import and export power within the region.



THE NATIONAL GRID SYSTEM



LIST OF POWER INTERCONNECTOR TRANSMISSION PROJECTS

1. 400kV Tanzania - Kenya Power Interconnector Project – *Recently commissioned*
2. 400kV Tanzania – Zambia Interconnector Project – *Construction Started*
3. 400kV Tanzania – Uganda Power Interconnector Project – *Under Feasibility stage*
4. 400kV Tanzania - Malawi Interconnector Project – *Feasibility is completed and solicitation of funds for project implementation is ongoing (approximate USD 54 Million)*
5. 400kV Tanzania – Mozambique Power Interconnector Project – *Under Procurement for Feasibility study*

LIST OF POWER INTERCONNECTOR TRANSMISSION PROJECTS

6. 400kV Tanzania – DRC Power Interconnector Project – *Pre Feasibility is completed*
7. 400kV Tanzania – Kenya Power Interconnector Project (Second Interconnector) – *Feasibility study is completed*
8. 400kV Tanzania – Rwanda Power Interconnector Project – *Under Development Stage*
9. 400/220kV Tanzania – Burundi Power Interconnector Project – *Under Development Stage*



SAPP and EAPP Transmission Integration



What Does The Road Map Look Like

- ❖ A Road Map look for Increasing Regional Power Trade in Eastern Africa and Southern Africa.
- ❖ In addition, the Road Map for EAPP and SAPP emphasizes to ensure that all EAPP and SAPP become Operating Members of these two Power Pools.
- ❖ The pools intend to Facilitate longterm development of electricity Market in the Region
- ❖ Tanzania as a member of two Power Pools, is focusing to ensure that we become the operational member of the pools. The Government has devoted to ensure that the eye marked interconnector projects are timely completed to enhance the active participation of the regional power trading.



Financing Models For Interconnector Transmission Projects

What financing models can be implemented?

1. EPC + F
2. PPP Model
3. Solicitation of Funds from Development Partners/Donors/Financing Institutions under Concessionary Terms



Regulatory Frameworks for Regional Interconnection

What regulatory frameworks could support regional interconnection?

1. Regional Marketing Guidelines
2. Operating Guidelines
3. Operational Frameworks



AHSANTE SANA!