

# TRANSMISSION INFRASTRUCTURE DEVELOPMENT AFTER PRIVATISATION; A CRITICAL REQUIREMENT

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# INTRODUCTION

- The Engineering, procurement, and construction of additional transmission infrastructure to the existing TCN network is the most important thing to implement by the Government after privatization of the power sector.

# TRANSMISSION INFRASTRUCTURE

- The development of transmission infrastructure will ensure the following:
- Greater access to electricity by the masses.
- Mopping – up of suppressed loads all over the country
- Grid Stabilization for effective delivery.
- Greater operational response with reduced down time.
- Robust network considering the n-1 criteria.

# Contd

- This will develop new industries, and revive dead ones.
- It will help us to interconnect our network to other countries for effective sub regional and regional power trade.
- Reduce stranded power from new generators by providing evacuation lines.

# Contd

- Dispatch captive powers from existing industries.
- The development of this transmission infrastructure will also help us reduce the cost of electricity since we may be interconnected with other networks and help harmonize our sub regional standards.

# Contd

- It will reduce the outage downtime and increase the restoration period.
- Therefore it will be necessary that the government pay more attention to the development of the transmission infrastructure than the development of new generators for now.

# Contd

- This transmission infrastructure will help us access power from renewable sources such as Solar PV cells, Wind Farms, Mini Hydro schemes and other renewable sources etc.
- Adequate transmission capacity will facilitate the importation of power from neighboring countries.

## **DRAW BACKS IN THE CONSTRUCTION OF TRANSMISSION INFRASTRUCTURE.**

- The drawbacks experienced in the development of similar transmission infrastructures include:
- Inadequate Funding
- One year Government Budget Cycle for such projects
- Way - leave issues.



# Contd

- Lack of trained personnel in the system.
- Politicizing of the projects.
- Lack of Training and retraining of Engineers.
- Project awarded to Incompetent Contractors and Consultants