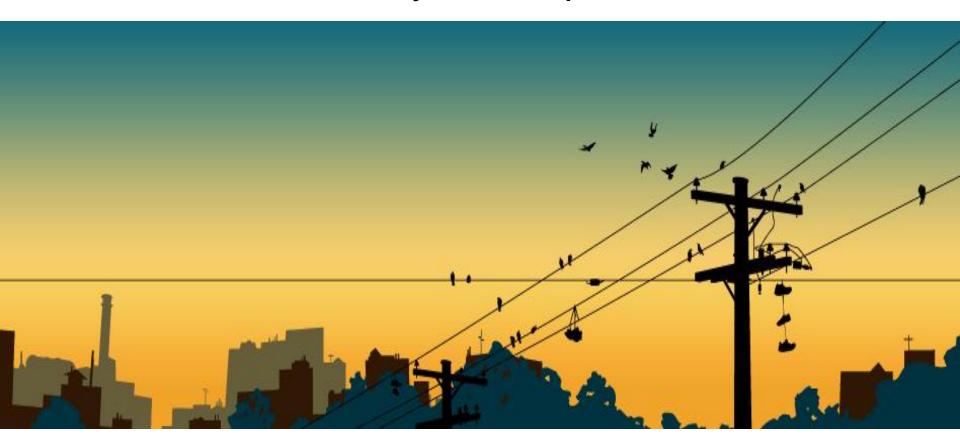
# Private Sector Commemoration of 50 Years Anniversary of Independence



Energy: Electricity
Tanzania, September 2011
Dr. Gideon Kaunda



## **Situation Analysis**





Ubongo Power Plant Dar es Salaam, Tanzania



#### **Achievements**

- Generation
- Transmission & Distribution
- Other



#### **Challenges and Problems**

- Energy Demand
- Unstable Power Supply
- Load shedding programs
- Emergency Power Purchase Agreements (Eppas)
- Operating Capacity
- Isolated System
- Transmission





### **Challenges and Problems (cont)**

- Resources
- Biomass dependency
- Energy Imports
- Lack of diversification of power sources
- Vandalism
- Investment requirements



#### **Ways Forward**

- Increase transmission voltage
- Develop untapped mini-hydro
- Incorporate anticipated climatic conditions in energy demand forecasting
- Other supply options
- Interconnection strategy
- Protect catchment areas
- Construct petroleum and gas pipelines to reach up-country regions





### **Ways Forward (cont)**

- Ensure energy efficiency
- Demand Side Management (DSM)
- Emergency Power Purchase Agreements
- Procurement Procedures
- Private sector partners and staying power
- Public Private Partnerships
- Research & Development

