






ACTIONS TO ADDRESS SA ELECTRICITY CRISIS

Overview of address by President Cyril Ramaphosa – 25 July 2022

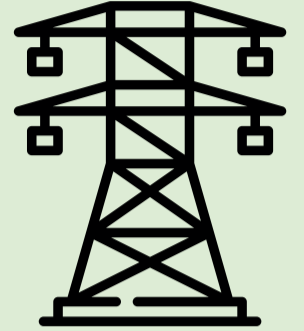
UNDERSTANDING THE ENERGY CRISIS

KNOW THE NUMBERS

-  SA: **46 000 MW capacity** (only 60% available at any given time)
-  **32 000 MW used** at peak times
-  Shortage of **6 000 MW**
-  This affects
 - Competitiveness** of economy
 - Growth**
-  **18 000 MW** lost in recent weeks

ESKOM CHALLENGES

- Late start in development of plants
- Construction delays
- Design flaws
- Infrastructure theft
- Sabotage
- Fraud
- Lack of skills
- Rising debt



Load shedding is required to prevent grid from collapse and complete blackout

WHAT HAS BEEN DONE TO ADDRESS THE ENERGY CRISIS

IN RECENT WEEKS, EXTENSIVE:

- Hard work by Eskom employees
- Law enforcement interventions



SINCE 2018

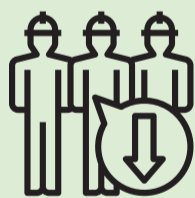
- Bid window 4 added 2000MW of solar and wind
- Bid window 5 added 2 600MW
- June 2021: increased licensing threshold from 1 MW to 100MW (80 private sector projects produce combined capacity > 6000MW)
- Eskom making land available for RE projects to yield 1800MW
- Eskom's 1st solar/battery projects to yield 500MW
- Bid window 6 to increase wind and solar from 2600MW to 5200MW

GOVERNMENT PROPOSALS TO ADDRESS ENERGY CRISIS

THE SKILLS SHORTAGE

Eskom recruiting skilled personnel:




- Former Eskom Plant Managers
- Engineers from Private Sector



WHAT ELSE NEEDS TO BE DONE?

- Increased **budget** for Eskom maintenance
- **Reducing red tape**
- Surplus **capacity to be purchased** from existing IPPs
- Tap into **additional energy** from existing private generators
- **Import** from neighbouring countries
- Encourage **energy efficiency**

KEY PRIORITIES

-  Renewables
-  Gas
-  Battery storage

SEPARATING THE FUNCTIONS

-  Generation
-  Transmission
-  Distribution

Grid will remain state owned.

The proposed energy crisis plans are **robust** and bring with them **immense opportunities** for skills development for our youth, unemployed, employed, small business enterprises, civil society and other critical stakeholders.

This infographic has been compiled by the EWSETA

The role of skills development in addressing our energy crisis cannot be over-emphasised. Within its mandate as the skills development authority in the energy sector, the EWSETA will work with government and all other relevant stakeholders in the sector, to meet the skills needs of this key sector now and in the future.