

## NATIONAL ASSEMBLY

### QUESTION 239

#### QUESTION FOR ORAL REPLY

#### 239. Mrs B Tinto (ANC) to ask the Minister of Energy:

To what extent has the Government applied the energy mix policy since the adoption of the 1998 White Paper on the Energy Policy, especially with regard to energy diversification through the utilisation of clean energy means? NO3833E

#### Reply

Government has diversified the energy mix in respect of both supply and demand side. In regard to the demand side option, various energy efficiency interventions have been introduced including:

- The introduction of solar water heating in the residential and industrial sector
- Cogeneration from industrial processes in order to substitute the demand that would otherwise have been supplied by Eskom; and
- The introduction of energy efficiency lighting (CFL).

The demand side is complemented by clean energy options on the supply side programmes including:

- The introduction of renewable energy feed in tariff (REFIT) programme pursuant to 10000GWh of wind, solar, biomass, small hydro, landfill gas generation option;
- The development of Liquified Petroleum Gas (LPG) pilot programme for space heating and cooking in the residential sector; and
- The introduction of Integrated Resource Plan (IRP) with a long term objective of introducing nuclear energy, imported hydro and imported gas for power generation.

It is anticipated that our energy mix will be diversified from 97% coal domination to less than 48% by 2030 in the electricity sector.