



# energy

Department:  
Energy  
**REPUBLIC OF SOUTH AFRICA**

DRAFT INTEGRATED ENERGY PLANNING REPORT



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# RECAP OF DAY 1

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# KEY THEMES EMERGING

- Differences in assumptions on Technology Costs and Commodity Prices (e.g. RE technologies, Nuclear, Natural Gas, CCS, Coal)
- Use more up-to-date Policy Assumptions (e.g. Carbon Tax, GHG emissions inventory, Macroeconomic)
- Some energy carriers not considered (e.g. bagasse, biogas)
- Additional Test Cases to be considered (e.g. different emissions limits, RE targets/uptake, Carbon Tax Rate)
- Areas of further analysis/inclusion (e.g. FBE/FBAE/Access, Socio-Economic analysis)
- Inclusion of all externalities and not only GHG emissions (e.g. pollution, water quality, health impacts and other social factors)



# KEY THEMES EMERGING

- Decentralised power system and distributed generation
- Effect of RE technologies on grid stability
- Assumptions on natural gas
- Demand projections



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# INFORMATION

Draft IEP Report and Annexures available on  
Department of Energy website

<http://www.energy.gov.za/>

Click on '**Integrated Energy Plan**' link

(More information will be published as and when it becomes available)

All queries and requests for further information  
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# THANK YOU