



# Presentation to Public Hearing on IRP 2010 Rev 2

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# Reference to international experience



- Explanation / justification of approach
- Implementation of chosen approach
- Engagement
  - Interactive vs. one-way processes
  - Definition of stakeholders
  - Formulation of objectives
- Passive vs. active attitude to information
  - Interests
  - expertise
  - regulatory capture

# EEDSM



- History of IRP
- “may only scratch the surface”
- Modelling
- Linkages

# Transmission and distribution



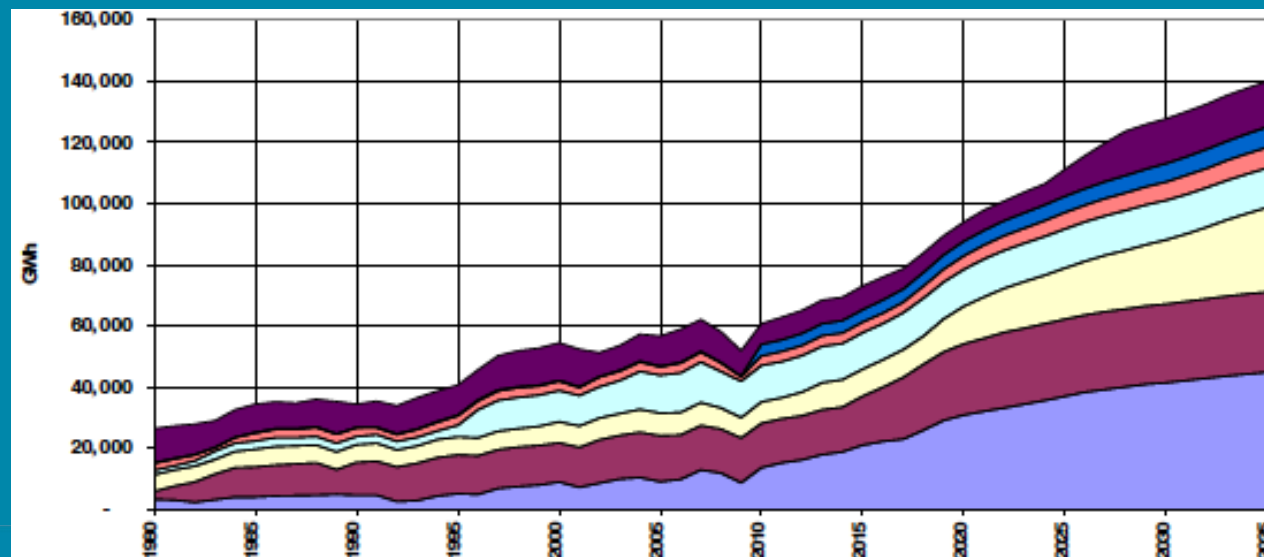
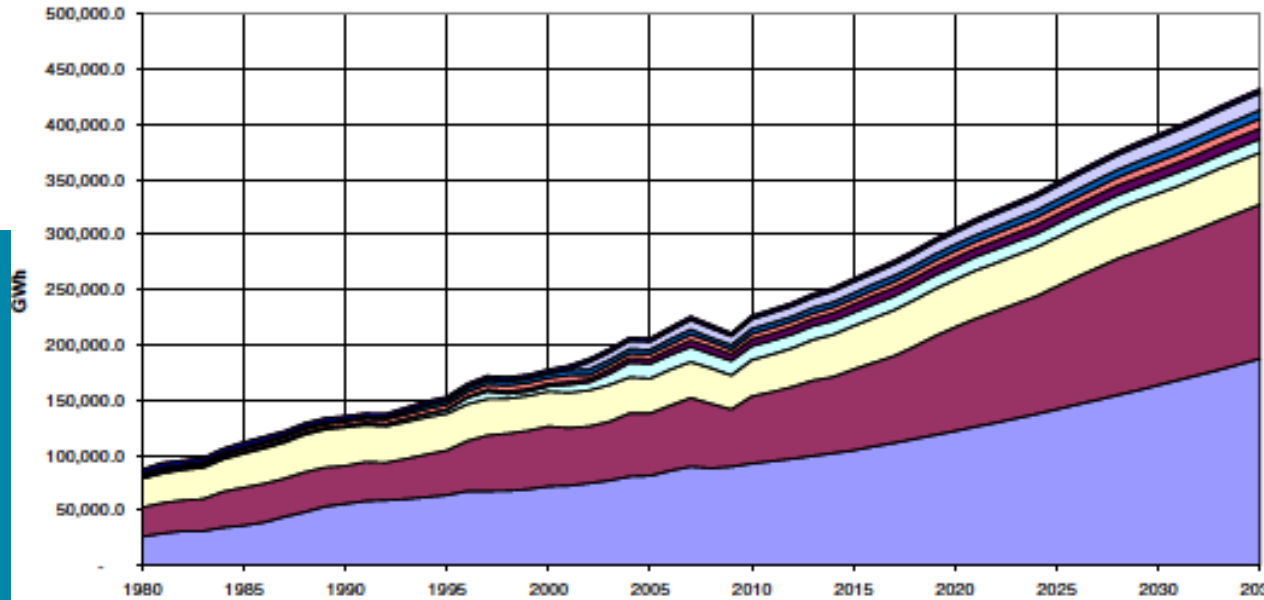
- Effects of transmission not being adequately incorporated
- Effects of distribution not being incorporated (both on)
  - Assessment of alternatives: generation, EEDSM
  - System costs / funding

# Linkages



- Linkages with South African economic policy
- Macro-economic allocation
  - Differential economic cost/benefit
- Socio-economics
- Other policy / planning process
  - DoE processes
  - Other Government processes
  - Information in public domain
- International context

# Demand



# MCDF



- What does reported process reveal ?

*“These preferences are by nature subjective, but by including numerous stakeholders in the workshops determining these preferences a broad and inclusive approach to the values can be determined.”*

*“This process should include a broad range of stakeholders to capture all the preferences.”*

# Alternative Scenarios



- GHG , renewable energy
- Generation cost estimates
  - all relevant technologies
- Quantification / modeling...
  
- What confidence does the process inspire that an adequate range of relevant alternative scenarios have been explored?

# Next steps



- Information behind timelines
- Risks

# Combined impacts



- EEDSM
- Transmission & distribution not modeled
- Interactive engagement
- Definition/engagement of stakeholders
- Generation costs
- Economic linkages

*“Plans are nothing; planning is everything”*

*Dwight D. Eisenhower*