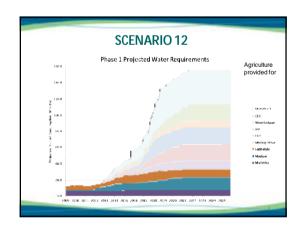




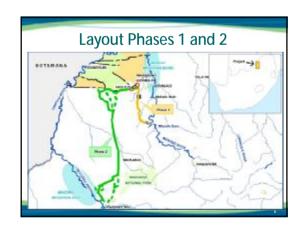
- Demand Changes
 Currently uncertainty re extent and timing of further developments due to delays in Government (DoE, DPE and DMR) decisions
- Planning performed on basis of up to 4 Eskom power stations (incl Matimba and Medupi) plus IDP & Sasol's Mafutha 1
- Dept of Energy's Integrated Resource Plan
- Focus initially on renewable energy sources and nuclear power
- Next coal power station probably only in 2022,
- Sasol's development plan delayed,
- This impact on extent & timing of the proposed 2nd phase of
- Inter-department discussions initiated to resolve issue

Emphasis shifted from securing long term water supply to securing water supply to meet Medupi water requirements—hence initial focus on upgrading of water supply from Mokolo Dam (proposed 1st phase of augmentation)



Sources of Water

- Mokolo Dam (Existing supply)
 - -Yield increased due to switch from irrigation to game and cattle farming
- -Raising not considered at this stage
- Return Flows in Crocodile West River (Future supply indirectly imported via Vaal River system) - not possible to proceed with transfer scheme at this stage due to insufficient commitment of users
- · Augmentation from the Vaal River
- · Further options (important but limited)
 - -Groundwater
 - -Water conservation & demand management
 - -Re-use of local return flows



9/30/2011

PROJECT STATUS

Phase 1

- Environmental Authorisation granted in December 2010
- Water use licences (Sect 21(a) abstraction of water) issued for Matimba, Medupi and Grootegeluk
- Contractor appointed
- Construction to start October 2011
- Medupi first unit operational by September 2012

PROJECT STATUS Cont

• Phase 2

- EIA put on hold pending clarity on scope and timing of phase 2
- Strategic considerations
- Considered as required, irrespective of future developments
 Necessary to supply strategic industries from multiple sources
- Funding approach under review by inter-departmental forum
- Required capacity & timing to be reviewed
- River management system to be implementation jointly with Water User Association

Phase 4

- Delayed / required at all?



9/30/2011 2