

# Earthlife Africa JHB Draft IEP Report

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# Earthlife Africa JHB

## Draft IEP Report

### Data Issues

- Lack of sources in the document and use of unpublished references
- Lack of numerical values (no datasets, hard to read charts instead)
- Use of GHG data from 2000, not 2011
- Use of GDP data one year out of date
- NT carbon tax data from 2010, not 2013

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## Data Issues

- Energy statistics use different datasets (EIA vs. IEA) for different energy types, could indicate cherry-picking
- SA coal roadmap from 2010
- Use of US costs of RE instead of SA costs

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## Missing Information

- GHG emissions 2000-2010
- REIPPP Costs
- Uranium & thorium reserves, waste, costs data
- 2013 coal reserves data
- Koeberg lifespan: Need report of extension to 60 years

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### Missing Information

- Bagasse based generation costs
- Eskom source document for decommissioning
- Decommissioning dates for all refineries
- Demand Modelling Report and the Optimisation Modelling Report

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## Missing Information

- Revised nuclear costs
- IEP Steering Committee???
- Expert Opinion? Who, what, why, how, where?

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### Base Case

- The base case should be realistic and in line with current data, trends and policies
- Needs to include emissions targets, carbon tax, a delay of decision on nuclear (as per NDP)
- Should use current growth rates
- Should use current SA costs for new coal and RE

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## High RE & Low Carbon Case

- There should be a test case for very high penetration of RE by 2050
- Carbon emissions limited by low range of PPD as a maximum. Cumulative emissions 2010 to 2050 between 5-15Gt of CO<sub>2</sub>eq, total for SA
- This should include net metering, Eskom generation of RE, increased public transport



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## Weightings

- Entirely unhelpful not to have at least suggested numerical values attached to criteria
- Needs to include health impacts of energy generation; externalised costs as mandated by Energy White Paper
- Should include FBE and improved real access

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## Weightings

- Criteria should be objective, public and can be reproduced
- They should not be subject to “expert” judgement, and/or opaque and vague evaluating panels.
- Lack of transparency

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## Public Participation

- Much to be desired in this process
- One month to get the date Gauteng hearing,  
no dates for CT or Dbn as of yet
- High-level IEP timeline has no dates
- All of the above makes it difficult to inform  
the public

Thank you!

[www.earthlife.org.za](http://www.earthlife.org.za)

