

<b>Public Report</b>	<b>Date completed</b>
<b>Energy Efficiency</b> Study Tour to Denmark Energy Month Campaign Report Audit of Public Buildings DME + NER Audit of Public Buildings NER Appliance Labelling Study Energy Efficiency Baseline data Energy Efficiency Savings Projections Energy Efficiency Strategy Building Energy Audit Training Roll-out of Energy Management to National Government Buildings Industrial Energy Management Training	April 02 September 02 October 02 January 03 January 03 April 03 May 04 April 05 April 05 June 05 June 05
<b>Renewable Energy</b> Study Tour to Denmark Hydro Power Baseline Data Solar Energy Baseline Data Review of Wind Energy Resources Independent Power Producers – brochure Technical Standards for RE technologies Macro Economics and Financial calculations for Renewable Energy Formulation of Market Rules for RE Training in Macro-economic Modelling Assessment of Commercially Exploitable Biomass Resources: Bagasse, Wood & Sawmill Waste and Pulp in SA Landfill Gas Resources for Power Generation Formulation of Wind Monitoring Program in SA RE Information Sheets under the present Power Market	June 02 September 02 November 02 February 03 April 03 January 04 February 04  July 04 July 04 November 04  November 04 October 04 June 05
<b>Capacity Building</b> Streamlining the Performance Management and Development System – DME Approach to Capacity Assessment in EE Institutional Capacity of the EE Unit Approach to Capacity Assessment in RE Institutional Capacity of the RE Unit	March 03  June 04  Jan 04

## Securing market access for Renewable Energy

Andre Otto, DME.

There are a number of “market barriers” to the creation of a workable renewable energy willing buyer, willing seller market. The ultimate success of this market depends critically on the establishment of “market rules” and on a number of “market facilitation” efforts. As a minimum, it is essential that these rules be designed in ways that promote demand through competition and that minimize barriers to entry.

A special project entitled ‘Market Rules for Renewable Energy’ was therefore initiated by the DME and funded through the Danida capacity building project in energy efficiency and renewable energy. This report which is available on the DME website made some key recommendations in terms of options for the integration of renewable energy onto the grid.

In a “single buyer” market which is currently operating (e.g. Eskom and municipalities being the only buyers of electricity) these market rules are less complicated and largely developed. What is outstanding is for renewable energy to be recognised and incorporated in this market in terms of access to transmission and municipality reticulation grids, tariffs and charges. To this end the Directorate Renewable Energy, with the assistance of the CaBEERE Project, has participated in the “fine tuning” of the Electricity Regulation Bill and the Energy Bill. The Electricity Regulation Bill is scheduled to be introduced to Parliament in September 2005.

### STAFF NEWS

Our best wishes to Brett Dawson who left his position as renewable energy Director at the end of August 2005.

## Renewable Energy Case Studies

Case studies from renewable energy projects are available from the CaBEERE office.

Six cases highlighting different learning from grid-connected or to-be grid connected renewable energy power projects in South Africa are now available. The cases cover:

- Friedenheim 2.5 MW Hydro focusing on financial matters
- Bethlehem 3.9 MW Hydro also focusing on financial matters
- Durban (eThekweni) 10 MW landfill electricity project focusing on financial matters
- Tongaat Hulett 72 MW Sugar Bagasse focusing on Market potential and network access
- Eastern Cape 15 MW wind farm focusing on Ownership issues and finally,
- Darling 5.2 MW wind farm focusing on Environmental matters related to establishment of power generation from renewable energy.

The cases can be acquired from the CaBEERE Office room F808 or Phone (012) 317-8552 or downloaded from the website.

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