



Feedback from the SAAEs Meetings

During the past two months the topic of unreasonable delays in the tendering and contract award process of DSM projects was discussed in depth at SAAEs meetings. This state of affairs is in stark contrast with the urgency that Eskom publicly attaches to the electricity supply situation, as evidenced by their highly visible advertising campaign. The matter has now been raised at the highest level with the CEO of Eskom, Mr Thulani Gcabashe and we are awaiting his reply with interest.

Our negotiations with the new National Energy Efficiency Agency (NEEA) are progressing satisfactorily. We have now embarked on formulating a formal accreditation process for all ESCOs, with the full backing of the DME and the NEEA.

NEWS FROM OUR MEMBERS:

MA'EMSA LAUNCH THE FIRST EEDSM STREETLIGHT PROJECTS

The Honourable Dr Cole, Executive Mayor of Knysna Municipality proudly launched the EEDSM streetlight project on 26 July 2006. The project was initiated by the Town Electro-Technical Engineer, Mr Len Richardson and his department as the contribution by the municipality to the energy efficiency strategy of DME, NERSA and Eskom DSM.

This was the second project of its kind in South Africa; the first was also carried out by Ma'emsa, at the Oudtshoorn municipality.



Photo from left to right: Francois Kriel (CEO – Ma'emsa), Dianne de Jager (Acting Mayor of Oudtshoorn), Chwano Setiloane (Director – Ma'emsa) and Mervin May (Municipal Manager – Oudtshoorn).

Both Oudtshoorn and Knysna municipalities recognised that these projects could reduce the uncontrolled parameters of kW energy currently being consumed by its streetlights, and could contribute to the cause of saving valuable energy. HID streetlights contribute to unnecessary kWh expenses being paid for, thus contributing to an unnecessary financial burden of municipalities.

The deployment of this unique world renowned accredited lighting energy LEC technology has resulted in savings of approximately 25% on the streetlight kWh energy consumption of both municipalities.

In Knysna, measurements showed that a saving of 760 000 kWh could be obtained of the three million kWh previously consumed by

the 3 647 street and high mast lights. This will result in an annual saving in excess of R114 000. In Oudtshoorn, more than 1,1 million kWh were saved of a total of four million kWh, resulting in a saving of R152 000 per year. The operations department of Ma'emsa is further contracted to support the technology for five years ensuring that energy efficiency is applied throughout the period.

At the launch in Knysna, a pledge of commitment was signed by the Municipality, Mr Barry Bredenkamp of the new National Energy Efficiency Agency, and Ma'emsa to hallmark their commitment to the ongoing contribution to the national energy efficiency strategy of DME and the successful deployment thereof.

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ENERGY RESOURCE OPTIMIZERS CC (ERO)

LOAD SHIFT AND ENERGY EFFICIENCY IN THE COMMERCIAL SECTOR

ERO is a relatively new ESCO, but the members have a lot of experience in the development and implementation of DSM projects. In 2003 they were involved in one of the first DSM projects. At that time it was one of the largest lighting retrofit projects ever undertaken in South Africa. The project was done at a large office block in the centre of Johannesburg, saving the client in excess of 1 MW (6 GWh per year). The second DSM project was for a private hospital group. This project focussed on load shifting as well as energy efficiency measures. ERO is currently busy with a DSM project for a national hotel chain.

ERO provides holistic solutions to their clients. They bring together all possible load shift and energy efficiency technologies in one proposal. Once the DSM project is implemented they support their clients with training interventions in order to ensure that the whole organisation becomes aware of energy conservation. This focused training ensures that the benefits achieved from the DSM project are sustainable. For clients that want to take energy management further ERO will assist with the development and implementation of a sustainable energy management program. This approach ensures that ERO lives up to their motto which is: "Helping you to help yourself".

ERO is a BEE ESCO and corporate member of SAEES.

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