

For immediate release

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Karebo Systems exceeds Eskom's energy savings expectations

The mass rollout of any project can often present a number of challenges, the most significant of which is that project data changes on a daily basis, making these dynamic projects extremely complex to manage.

Karebo Systems, which is part of the Karebo Group that provides professional services and products to the energy sector, was tasked by Eskom with reducing energy usage in the higher LSM groups residential sector through a mass rollout programme.

The rollout involved the installation of CFL lighting, LED downlighters, geyser and pool pump timers, flow restrictors and low-flow showerheads.

Karebo Systems has been doing mass rollouts for Eskom since 2004 but when they were tasked with this particular project, they decided to develop a cloud based software system to manage the process and to keep track of all the data points.

The system integrates a customer relationship management function to automate registrations, appointments and customer notifications via email and SMS.

The objective of this mass rollout was to take 80 MW of electricity usage off the peak load. Using various installations Karebo exceeded Eskom's expectations and achieved a 86 MW reduction in peak energy demand.

In addition to this, Karebo Systems was able to deliver on time to 180 000 homes across six regions in South Africa in a period of six months.

Says Group CEO, Ravi Govender: "We believe that this mass rollout software system gave us an audit trail of the highest quality and all risks, such as the integrity of data, were kept to a minimum. If we are serious about becoming a knowledge based economy, we need to be learning to use these type of tools."

For developing this innovative software, Karebo Systems is a winner in the residential category of the prestigious 2013 Eskom *eta* Awards.

The *eta* Awards have for the past 23 years been rewarding excellence and exceptional effort in the more efficient use of energy by individuals, students, companies and other institutions.

Dr Steve Lennon, Eskom Group Executive of Sustainability says: “The impressive results that Karebo Systems has produced prove that they put a great deal of time, energy, thought and planning into developing this system. It is therefore only fitting that they are a finalist in the *eta* Awards which reward nothing but excellence.”

To learn more, visit the *eta* Awards website: www.eta-awards.co.za

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