



energy

Department:
Energy
REPUBLIC OF SOUTH AFRICA

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Dear Stakeholder

INVITATION TO PARTICIPATE IN A CONSULTATIVE WORKSHOP ON THE INTRODUCTION OF NEW MINIMUM ENERGY PERFORMANCE STANDARDS (MEPS) FOR RESIDENTIAL AND COMMERCIAL ELECTRICAL APPLIANCES AND EQUIPMENT

National Standard 941, which addresses energy efficiency of residential appliances, was made mandatory through the introduction of VC's 9006 and 9008. Commonly referred to as Standards and Labelling (S&L), the programme gives effect to national policy relating to efficient energy usage (Energy Efficiency Strategy of 2005) and the country's international pledges and obligations to reduce its greenhouse gas emissions. The minimum energy performance standards (MEPS) covered by the above-mentioned VC's came into effect in 2016 and 2017 respectively, targeting residential appliances such as geysers, and cooking- laundry-, dishwashing-, air-conditioning-, and refrigeration-products.

International experience has demonstrated that for savings to be maximised, it is necessary for the MEPS programme to be reviewed, upgraded, and broadened over time. In this context, the Department of Energy, with its collaborating partners, commissioned research to inform the review and broadening of the S&L programme.

Aside from the proposed upgrade of the existing MEPS for household electrical appliances, the commissioned research proposes to broaden the list of electric appliances for energy efficiency regulation by including external power supplies (EPS), televisions (TVs), computers, pool pumps, electric motors, distribution transformers, commercial refrigerators, and chillers for HVAC purposes. The following MEPS recommendations are made for the above electrical products:

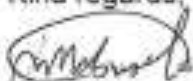
Appliance/equipment	Recommendation
External Power Supplies (EPS)	Adopt Level V based on international efficiency marking protocol
Televisions	Adopt MEPS levels comparable to Energy Star V5.0
Computers	Adopt MEPS levels based on Energy Star V5.0 but with adjusted base levels and allowances
Pool pumps	Mandating a two-speed or multi-speed motor to be installed for all pool pumps (new and replacement)
Electric motors	Set MEPS level at IE2 based on IEC Standards
Commercial refrigerators	Adopt European approach, i.e. MEPS Tier 1 for refrigerated display units by 2021
Chillers – for HVAC purposes	Adopt AHRI/Eurovent efficiency certification
Distribution transformers	TBA

Industry consultation workshops for affected parties have been scheduled to obtain stakeholder inputs relating to the proposed new MEPS. The workshop details are as follows:

Appliance/equipment	Venue	Date	Time
External Power Supplies	Name of venue	3 April 2019	09h15 – 10h45
Televisions			11h00 – 13h00
Computers			14h00 – 16h00
Distribution transformers		4 April 2019	08h45 – 10h45
Electric motors			11h00 – 13h00
Pool pumps			14h00 – 16h00
Commercial refrigerators			08h45 – 10h45
Chillers		5 April 2019	11h00 – 13h00

The Department would like to invite you to be part of the engagements and would greatly appreciate your support and availability. To ensure that we have enough space for all stakeholders, we request one representative per company but no more than two. Stakeholders are also encouraged to attend sessions that relate to their industries. Please RSVP and/or direct queries to Marcia Lephera: marcia.lephera@energy.gov.za

Kind regards,



Xolile Mabusela

Director: Energy Efficiency Initiatives

Date: 25 103 12019