# Energy Efficiency & Demand Side Management

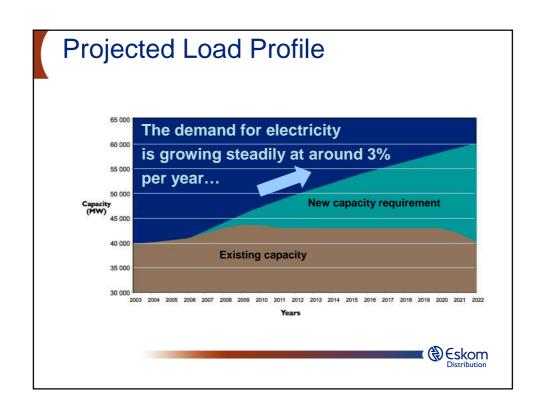
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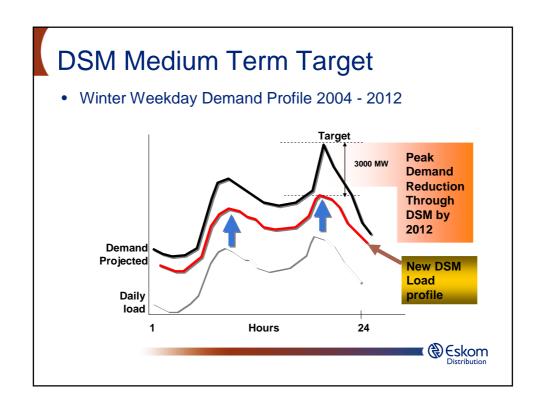
## What is DSM?

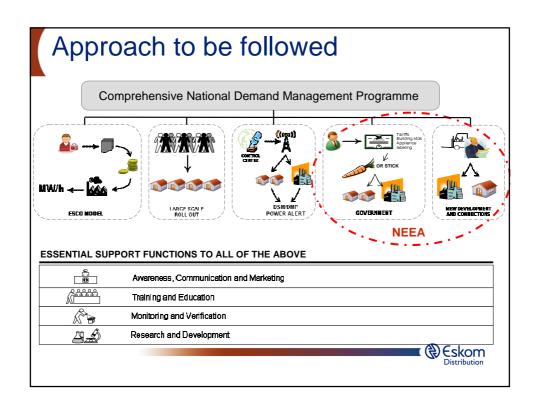
- Create predictable changes in customer demand and load profile
- Alternatives to the provision of additional generation plant.
- Includes load management, peak clipping and energy efficiency



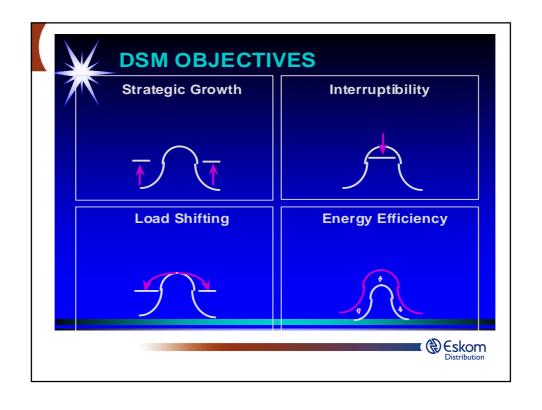


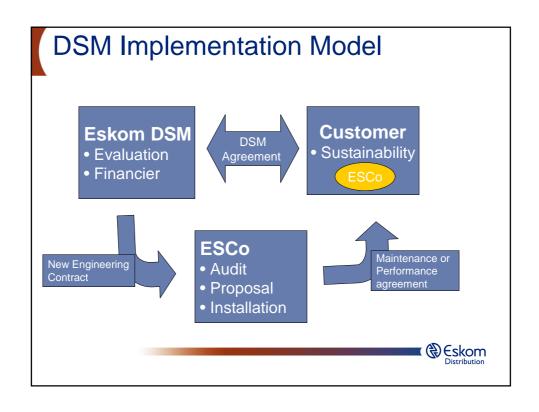


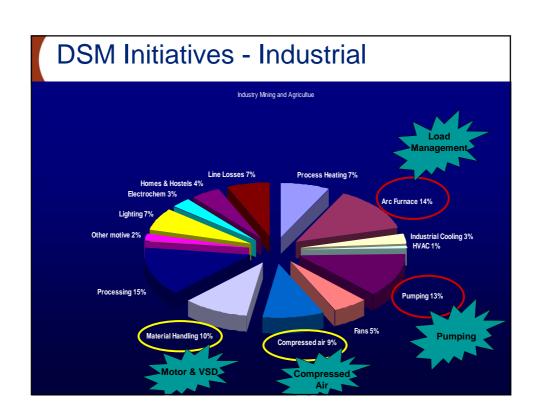


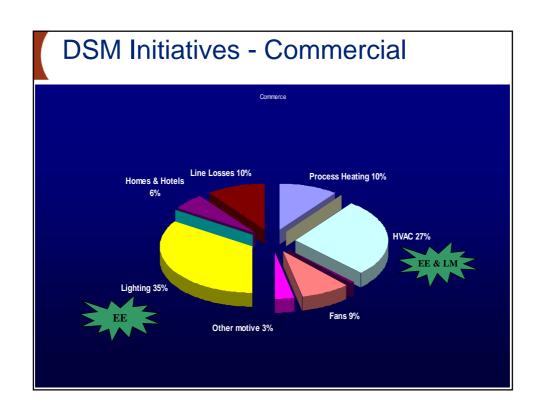


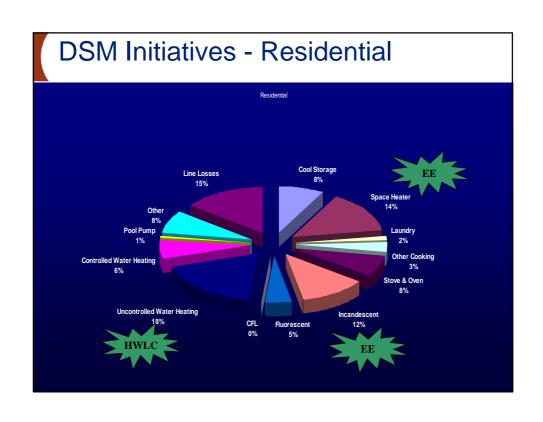
# Funding mechanism • Load Management - 100% • Energy Efficiency - 50% • Peak Clipping - 100%











# **EEDSM Pillars**

#### Economic

- Lower cost than generation plant
- Lower lead time to implementation
- Better utilisation of national resources

#### Environmental

- Lower environmental impact (coal, water)
- Low GHG emissions

#### Social

- Job creation

#### Sustainable

- Change consumer behaviour



# Barriers to speedy EEDSM roll out

- · Shortage of technologies locally
- Shortage of specialised professionals trained in EEDSM
- . Energy efficient products of low quality (Import market)
- Uncertainty with reform of Regional Electricity Distributors (Municipalities)
- · Development of agreements
- Development of the ESCO market



