



## **Amandla ombane nombane**

UMHLA: XXX

INDAWO: XXX

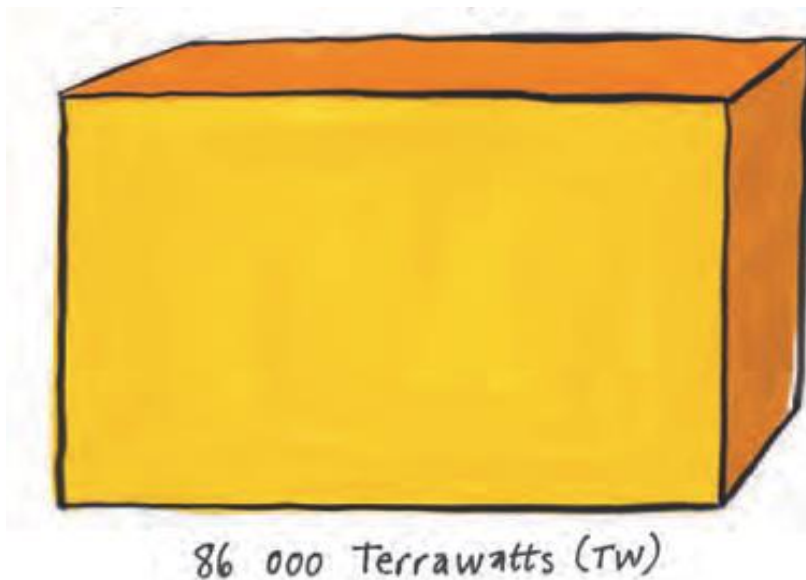
XXX

UMsebenzi aWenzayo: XXX

# Kukho imithombo eyahlukeneyo yamandla ombane

- ILANGA
- UMOYA
- AMANZI

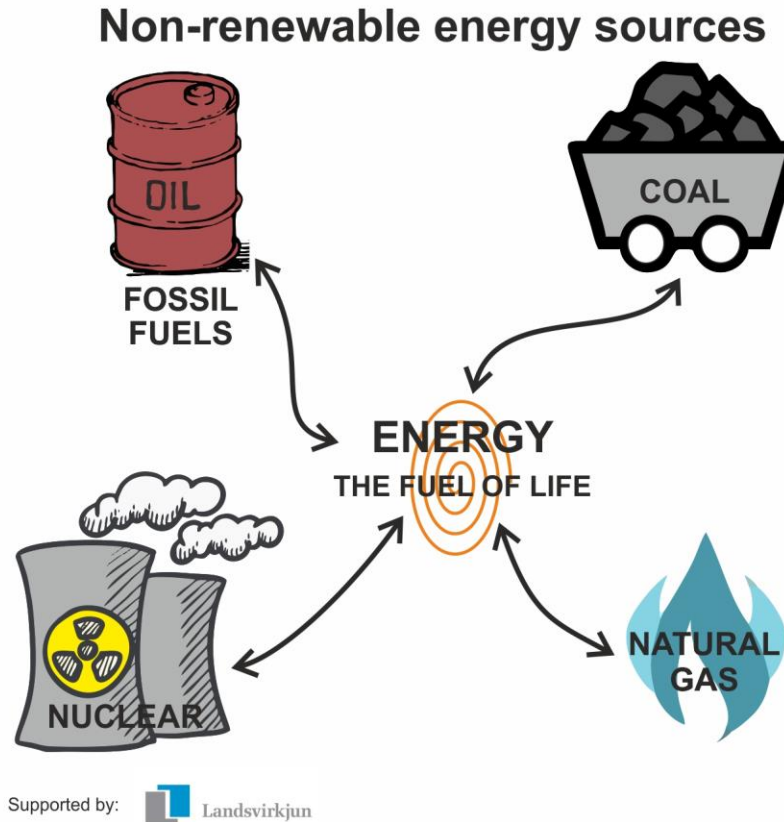
Amandla ombane alinganiswa ngewatt.



# Amandla ombane anokuvela kwimithombo engapheliyo okanye ephelayo

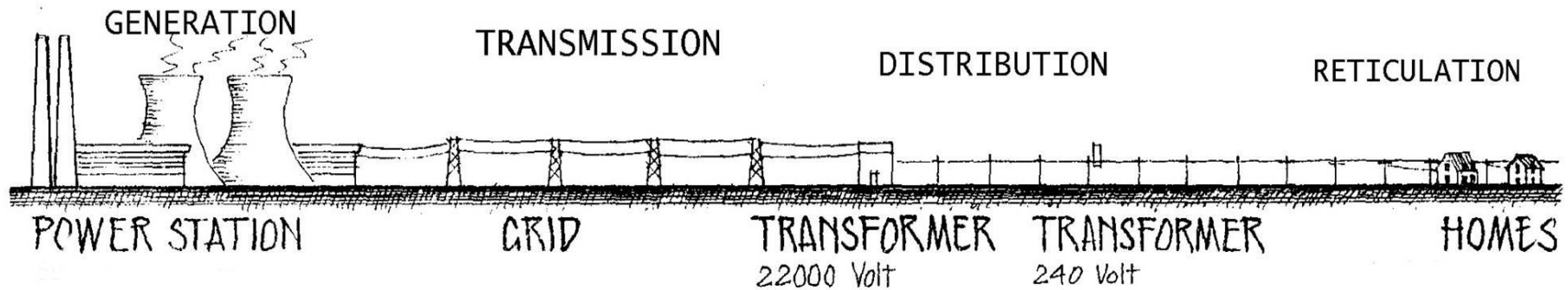
## AVELA KUMTHOMBO OPHELAYO

- Kwintsalela zezilwanyana ezifileyo zaselwandle. I-10% yeoiyile esetyenziswa namhlanje ineminyaka engama-252–541 ezigidi ubudala!
- Sebenzisa uhlobo olunqabileyo lweyureniyam – kwimithombo ephelayo



- Ivela kwiintsalela zotyani lwaphambi kokubhalwa kwembali – amandla ombane lawo izityalo zawafunxa elangeni KWIZIGIDI zeminyaka eyadlulayo.
- Yenziwe ngeentsalela zezilwanyana nezityalo ezincinci zaselwandle ezafa kuma-300–400 EZIGIDI zeminyaka eyadlulayo.

- Umbane omninzi waseMzantsi Afrika uvela emalahleni kwaye wenziwa eMpumalanga.
- Ubiza imali eninzi, kuba usebenzisa okuninzi okwakhiweyo, kuquka nokuhanjiswa ngemibhobho yombane.

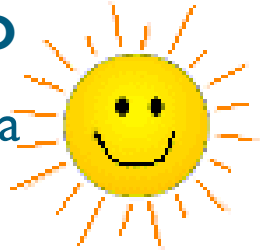


# INGABA AYIKHO ENYE INDLELA ENGCONO?

# Amandla ombane anokuvela kwimithombo engapheliyo okanye ephelayo

**ONGAPHELIYO**

UMbane weLanga



- Umzi ophakathi usebenzisa ama-600 kW elanga suku ngalunye kodwa usebenzisa kuphela ama-774 kW h a



## Umoya



## Amafutha athathwe kwiikhompawundi zendalo



- Amaphiko omoya akhupha umbane ococekileyo kwaye awaphelisi mithombo yendalo.
- La mafutha anokwenziwa ngoojongilanga, ingqolowa, iitapile, njl. njl.



## Amandla ombane avela emanzini



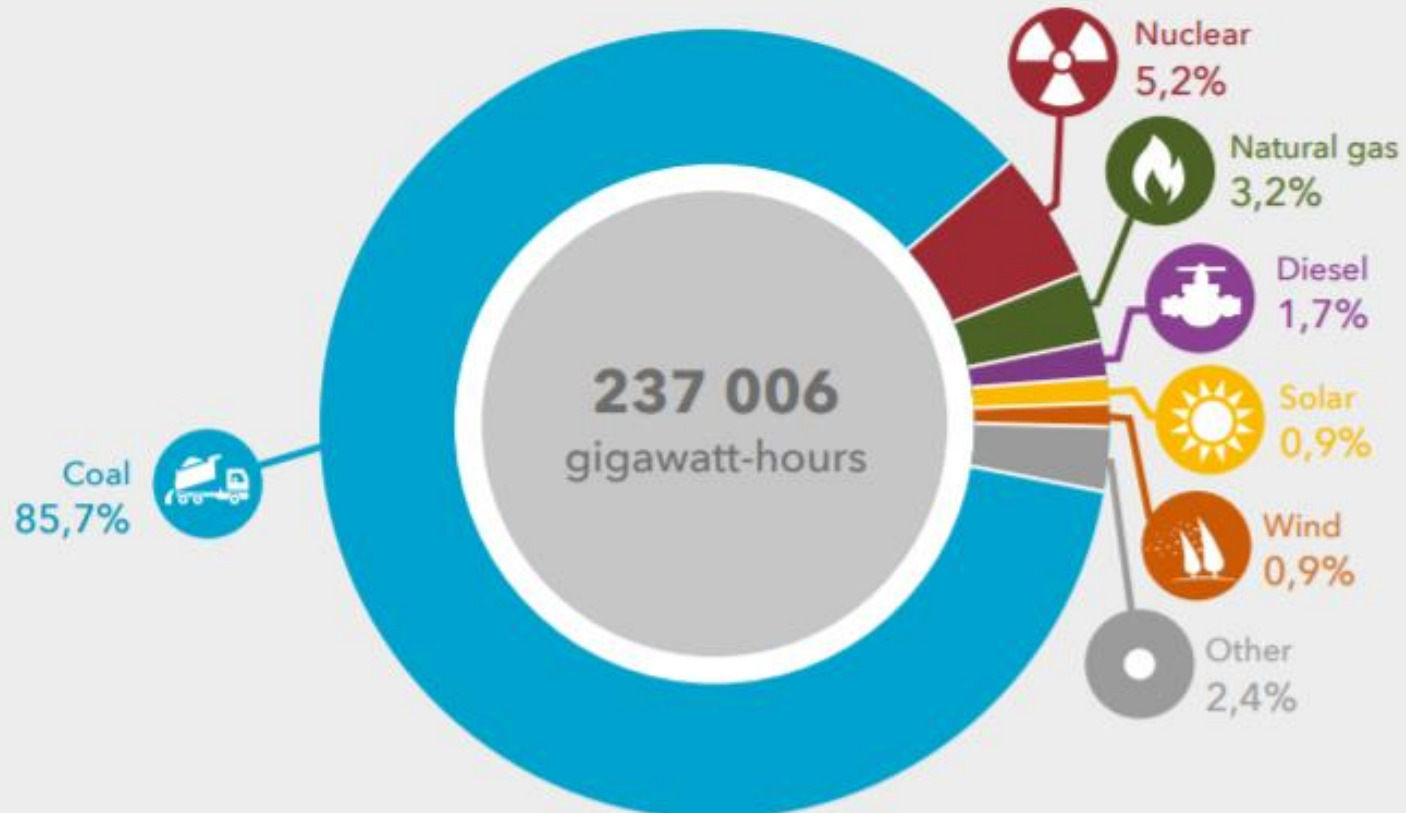
- Aveliswa ngamandla ombane avela emanzini akhutshwa ngeenjini ezijikeleziswa ngumsinga wamanzi.



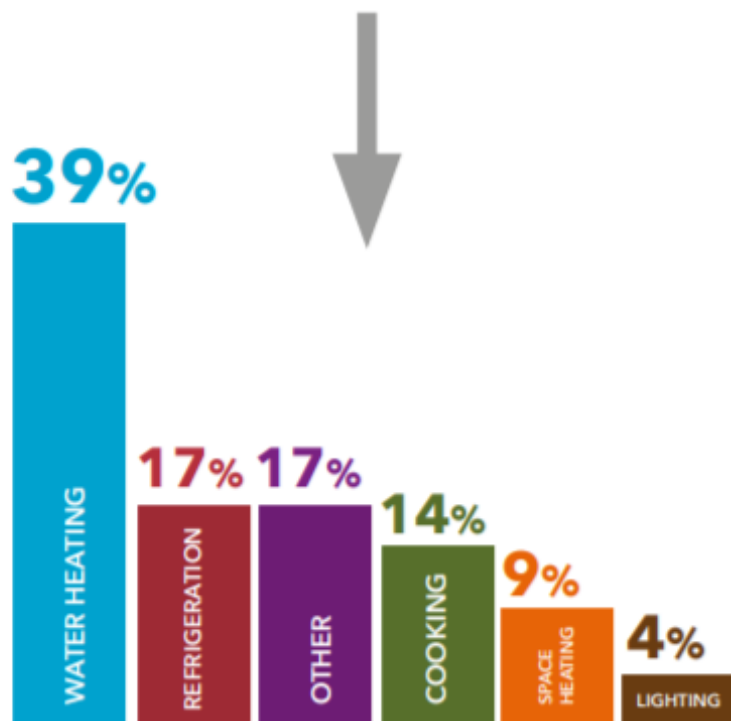
NGOKO KE... NGAWO ONKE LA MANDLA OMBANE  
ANGAMANYE AKHOYO APHO, KUTHENI SINGENZI UKHETHO  
OLUNGCONO?

# Coal remains South Africa's dominant source of energy

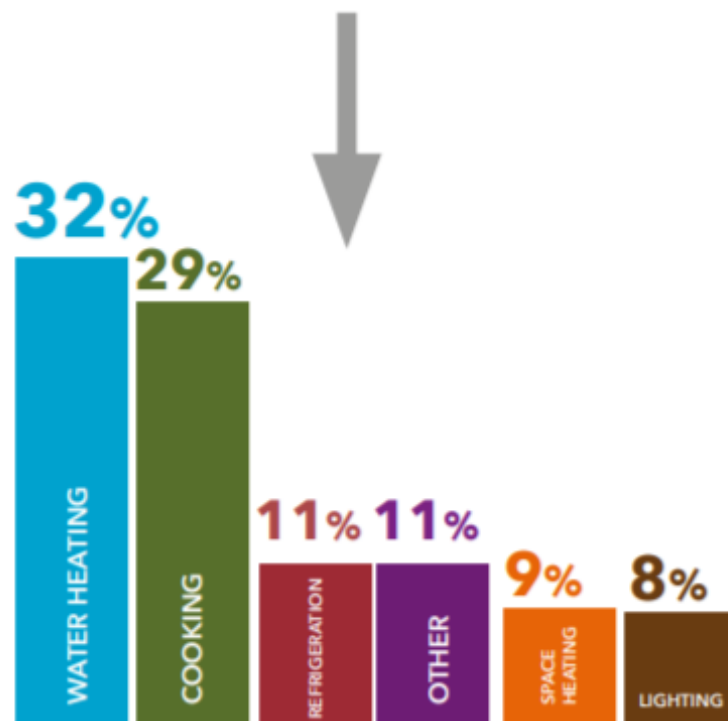
Total electricity generated by source, 2016







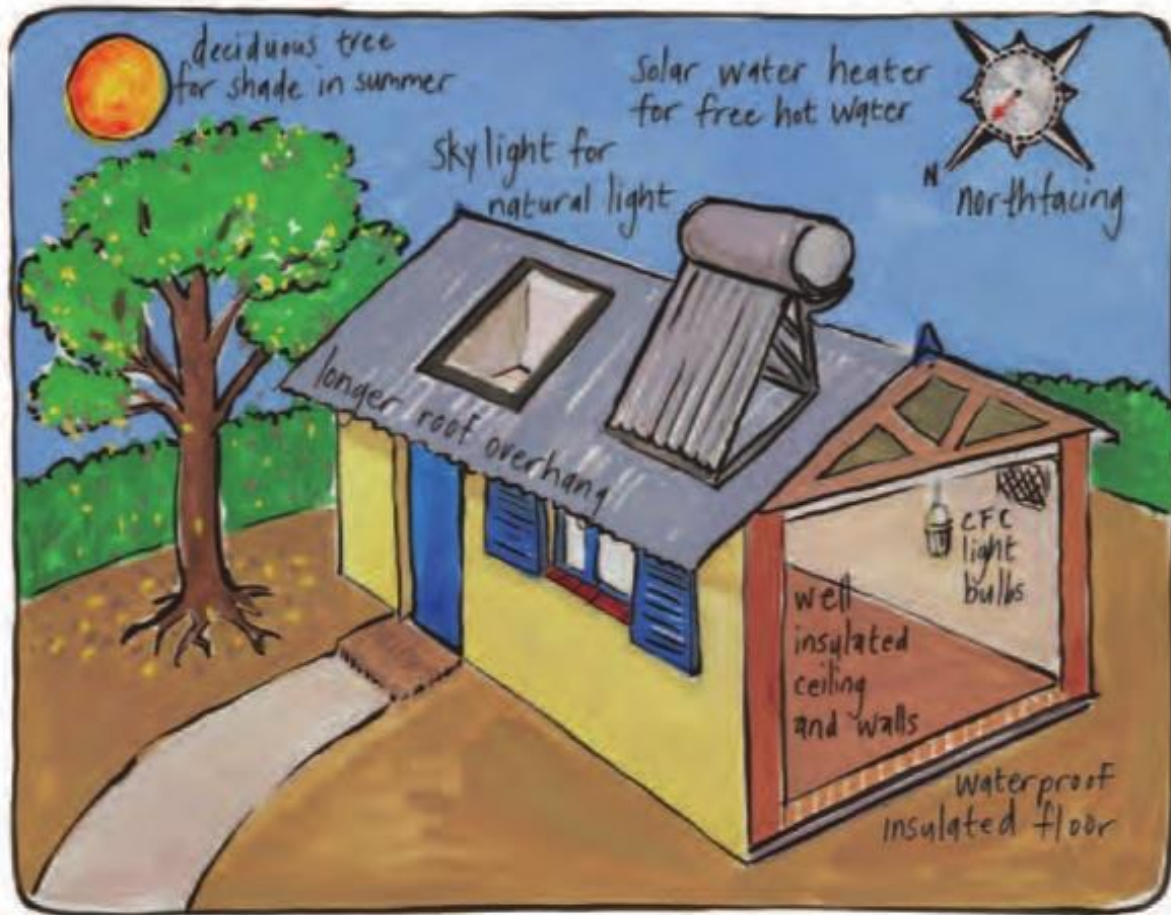
**MID-HIGH INCOME**  
HOUSEHOLD ENERGY CONSUMPTION



**LOW INCOME**  
HOUSEHOLD ENERGY CONSUMPTION

- Water heating
- Refrigeration
- Other
- Cooking
- Space heating
- Lighting

# Senze amakhaya ethu abe namandla ombane awoneleyo



# Ukuthenga nokusebenzisa amandla ombane angamanye kunye nezixhobo ezoneleyo zamandla ombane



VS



VS



Incandescent

Compact  
Fluorescent

LED



# Ukutshintsha ukuziphatha okunenkcitho kube kukuziphatha okulondoloza amandla ombane



## Turn

Turn down your geyser temperature to 60°C. This will save you up to 5% on your electricity bill.



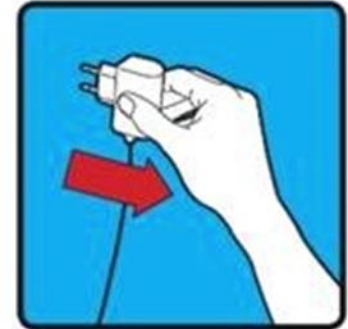
## Flip

Rather take a shower. You'll save up to 80% in water and use 5 times less electricity than heating a bath of water.



## Fit

Install an energy-saving showerhead. It's designed to use up to 40% less hot water and will save you money on your electricity bill.



## Pull

Switch off appliances at the wall and pull out chargers. Leaving them in standby mode could cost you up to 6% more electricity.

# YINTONI ENYE?

**THANK YOU.**

\* Imifanekiso evela  
kwiSixeko saseKapa