



m

# Overview: Eskom Infrastructure

Province

☐ Select all

☐ Eastern Cape

☐ Free State

☐ Gauteng

☐ Kwazulu Natal

☐ Limpopo

☐ Mpumalanga

☐ North West

☐ Northern Cape

☐ Western Cape

date

1/1/2014

1/1/2020

Station Type

☐ Coal

☐ Gas/liquid fuel t...

☐ Hydroelectric sta...

☐ Nuclear

☐ Pumped storage...

☐ Wind energy

Operator

☐ Select all

☐ Aldwych Interna...

☐ Bethlehem Hydro

☐ City of Cape Town

☐ City of Tshwane

☐ Eskom

☐ International po...

☐ IPSA Group

☐ Kakamas Hydro ...

Station name

☐ Acacia

☐ Ankerlig

☐ Arnot

☐ Avon

☐ Camden

☐ Colley Wobbles

☐ Dedisa

Location

☐ Atlantis

☐ Balfour

☐ Bergville

☐ Bethal

☐ Bethlehem

☐ Cape Town

☐ Durban

☐ East London

☐ Emalahleni

☐ Ermelo

☐ Grabouw

Status

☐ Select all

☐ 1st Unit Operati...

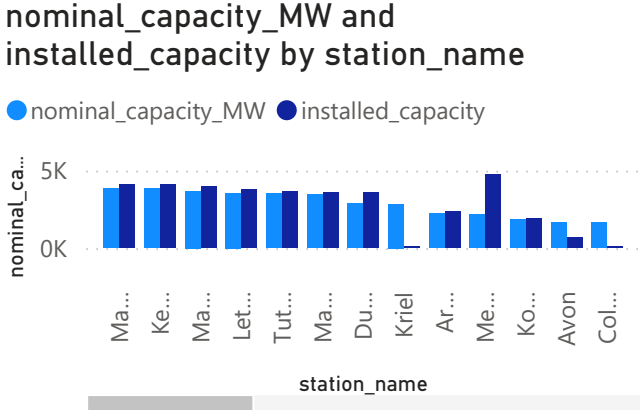
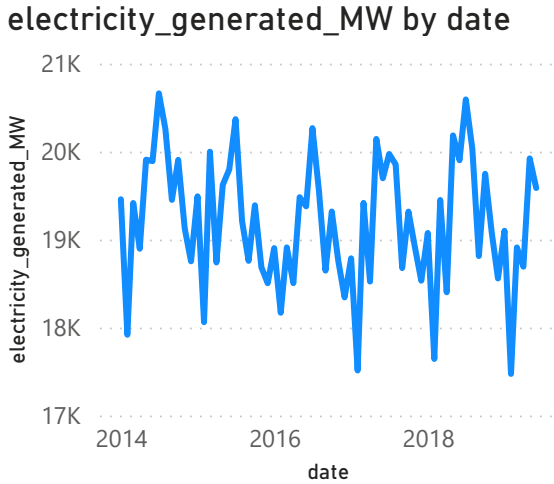
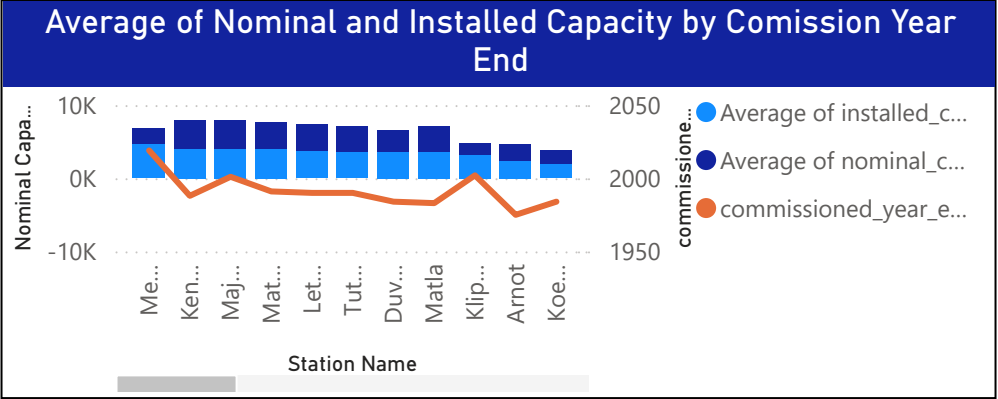
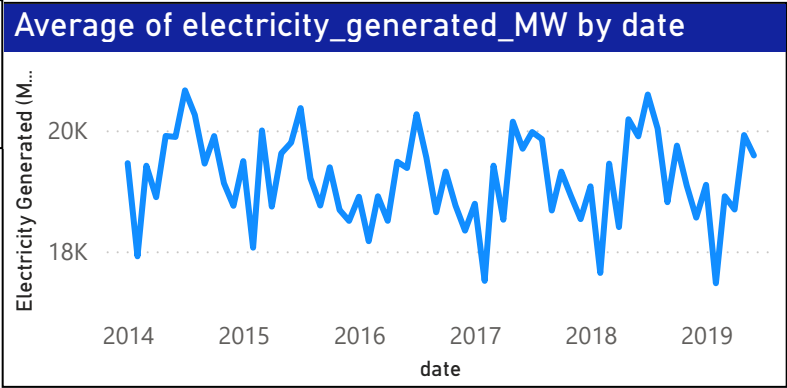
☐ Awaiting constru...

☐ Decommissioned

☐ Operational

☐ Project on hold

☐ Under constructi...



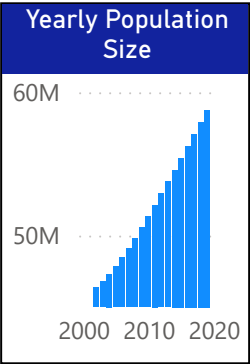
Station Information	
status	planned_decommissioning_y...
Decommissioned	2016
Operational	2020-2023
Operational	2021-2027
Operational	2024-2028
Operational	2025
Operational	2025-2028
Total	

Households Connected

3M

Average Electricity Generated

19.20K



Population Growth Rate %

1.44

Total Number of Stations

43

Peak Electricity Generated (MW)

21K

Summary of Stations

43

Number of Units

1 510



Type

- ☐ coal
- ☐ Gas/Diesel
- ☐ Hydro
- ☐ mini-Hydro
- ☐ Nuclear
- ☐ pumped storage Hydro

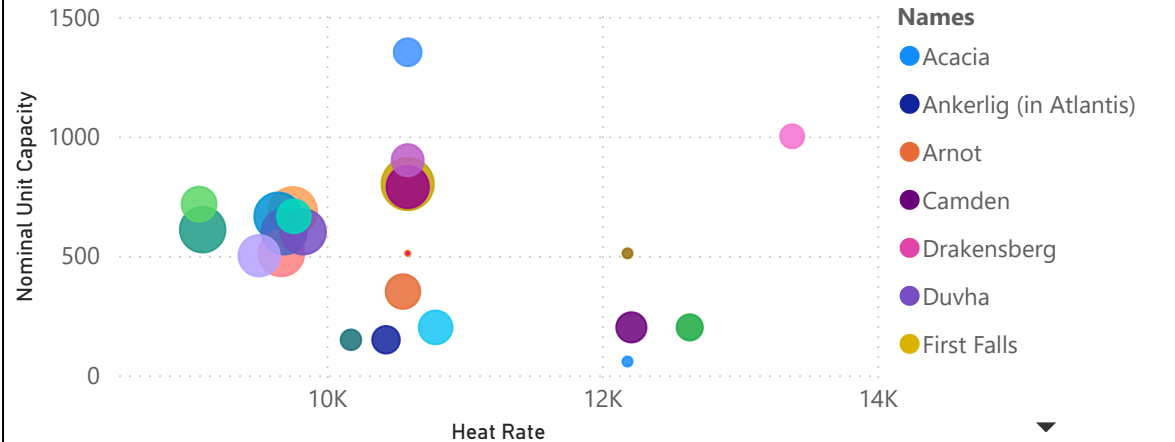
Station

- ☐ Acacia
- ☐ Ankerlig (in Atlantis)
- ☐ Arnot
- ☐ Camden
- ☐ Drakensberg
- ☐ Duvha

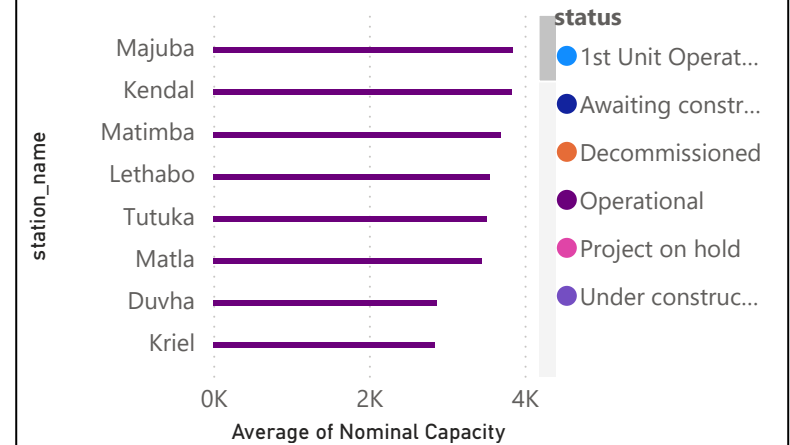
Province

- ☐ Eastern Cape
- ☐ Free State
- ☐ Kwazulu-Natal
- ☐ Kwazulu-Natal or Free St...
- ☐ Limpopo
- ☐ Mpumalanga
- ☐ Northern Cape

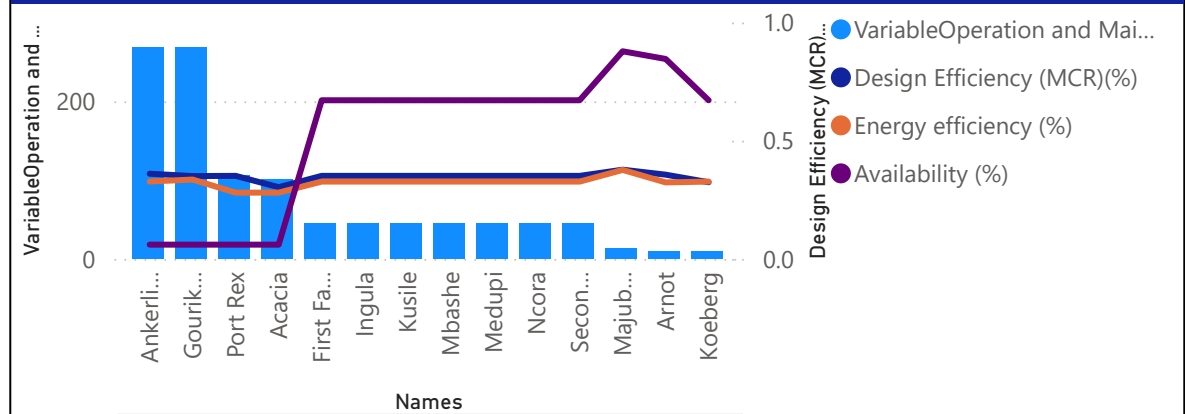
## Heat Rate by Nominal Unit Capacity and Max Unit Capacity



## Avg. Nominal Capacity by Plant Status



## Plant Cost, Efficiency and Availability



## Station Information

Names	Number of Units	Variable Operation and Maintenance (MCR) (%)
Acacia	3	
Ankerlig (in Atlantis)	9	
Arnot	6	
Camden	8	
Drakensberg	4	
Duvha	6	
First Falls	5	
Garien	4	
<b>Total</b>	<b>156</b>	

44.85

Average of Variable Operation and Maintenance (MCR) (%)

0.31

Average of Ramp Rate (%/hour)

Avg. Fixed Operating Cost (million)

4896

Avg. of Plant Availability

0.67

Total Number of Station Units

156

[illegible]

## Build visuals with your data

Select or drag fields from the **Data** pane onto the report canvas.

