



m

Overview: Eskom Infrastructure

Province

- ☐ Select all
- ☐ (Blank)
- ☐ Eastern Cape
- ☐ Free State
- ☐ Gauteng
- ☐ Kwazulu Natal
- ☐ Limpopo
- ☐ Mpumalanga
- ☐ North West
- ☐ Northern Cape

Operator

- ☐ Select all
- ☐ Aldwych Interna...
- ☐ Bethlehem Hydro
- ☐ City of Cape Town
- ☐ City of Tshwane
- ☐ Eskom
- ☐ International po...
- ☐ IPSA Group
- ☐ Kakamas Hydro ...

Location

- ☐ Atlantis
- ☐ Balfour
- ☐ Bergville
- ☐ Bethal
- ☐ Bethlehem
- ☐ Cape Town
- ☐ Durban
- ☐ East London
- ☐ Emalahleni
- ☐ Ermelo

Station Type

- ☐ Coal
- ☐ Gas/liquid fuel t...
- ☐ Hydroelectric sta...
- ☐ Nuclear
- ☐ Pumped storage...
- ☐ Wind energy

Station

- ☐ Acacia
- ☐ Ankerlig
- ☐ Arnot
- ☐ Avon
- ☐ Camden
- ☐ Colley Wobbles
- ☐ Dedisa
- ☐ Drakensberg
- ☐ Duvha
- ☐ First Falls

Status

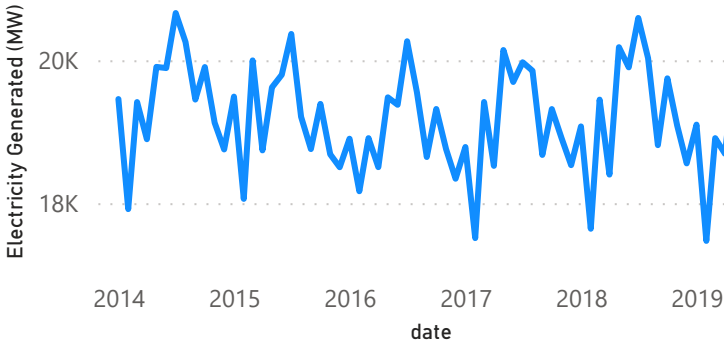
- ☐ Select all
- ☐ 1st Unit Operati...
- ☐ Awaiting constru...
- ☐ Decommissioned
- ☐ Operational
- ☐ Project on hold
- ☐ Under constructi...

2014/01/01

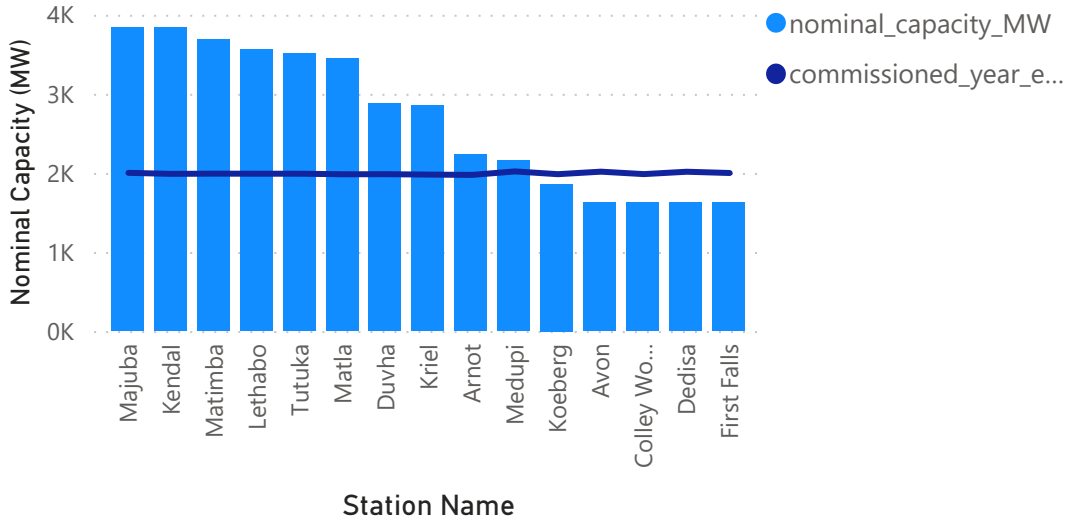
2019/06/01



Average of electricity\_generated\_MW by date



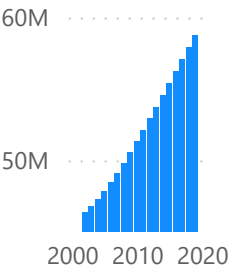
Average of Nominal and Installed Capacity by Comission Year End



Station Information

province	location	station_name	Heat Rate	Max Nominal capacity (MW)	operator_name	status	nominal_capacity_MW
Limpopo	Lephalale	Medupi	20 237.22	7 142.00	Eskom	1st Unit Operational	2 142.00
Western Cape	Knysna	Kruisvallei	43 384.22	4 443.00	Bethlehem Hydro	Awaiting construction	1 443.00
Western Cape	Cape Town	Klipheuwel	43 384.22	4 443.00	Eskom	Decommissioned	1 443.00
Total			328 265.86	53 290.80			700.00

Yearly Population Size



Population Growth Rate %

1,44

Households Connected

3M

Total Number of Stations

43

Station Status Summary

Operational

37

Decommissioned

2

1st Unit Operational

1

Peak Electricity Generated (MW)

21K

Average Electricity Generated (MW)

19.20K

Number of Units

Type

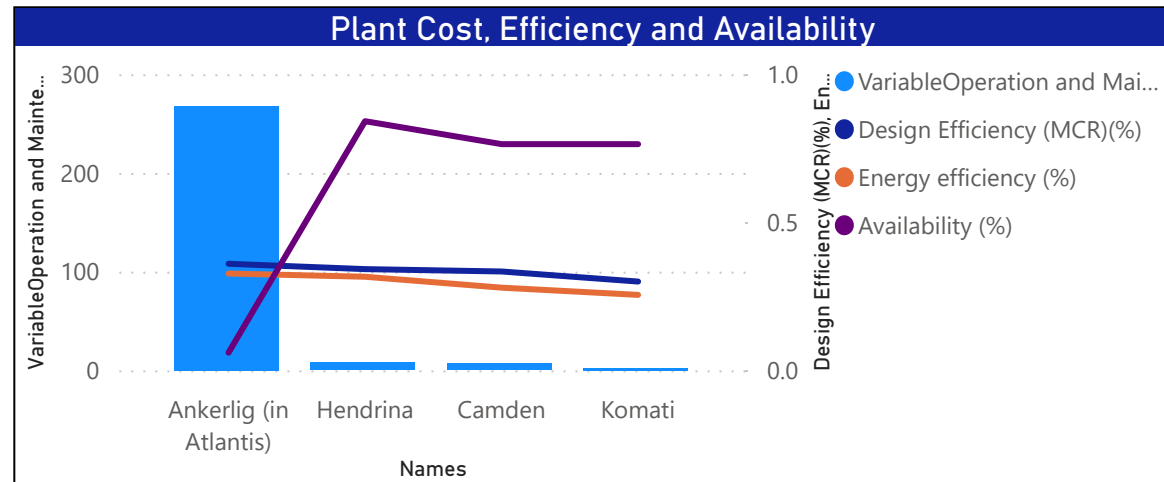
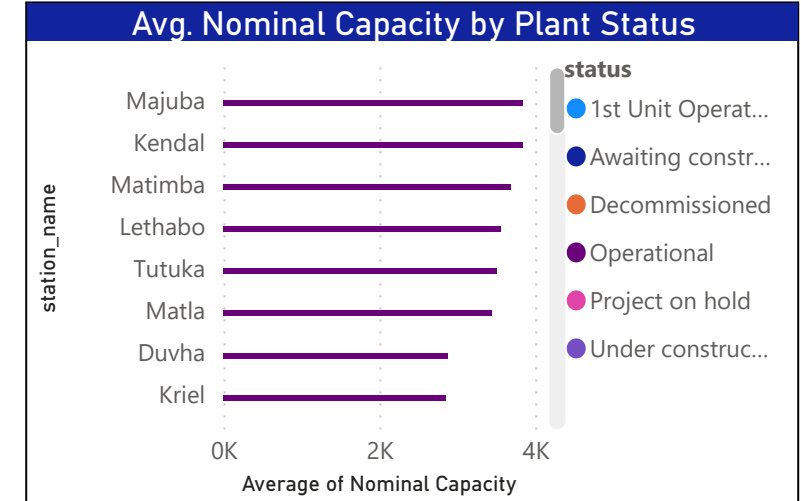
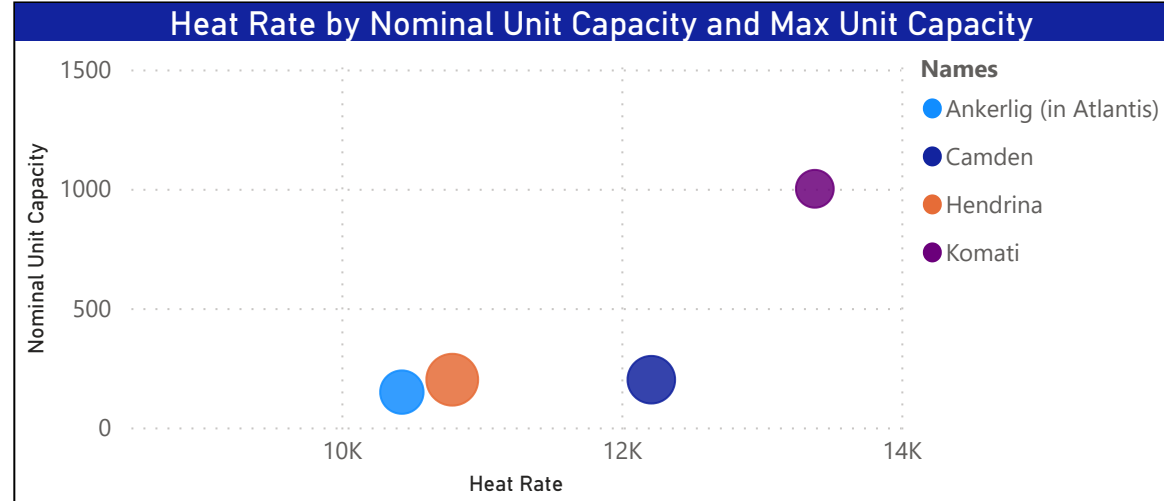
☐ coal
 ☐ Gas/Diesel

Station

☐ Ankerlig (in Atlantis)
 ☐ Camden
 ☐ Hendrina
 ☐ Komati

Province

☐ Mpumalanga
 ☐ Western Cape



### Station Information

Names	Number of Units	VariableOperation and
Ankerlig (in Atlantis)	9	
Camden	8	
Hendrina	10	
Komati	9	
<b>Total</b>	<b>36</b>	

Avg. Ramp Rate (%/hr)

**0.31**

Avg. Fixed Operating Cost (million)

**853.00**

Avg. of Plant Availability

**0.61**

Avg. Variable Operations and Maintenance Costs

**71.41**

Total Number of Station Units

**36**

[illegible]