

Province

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

Station Type

- ☐ (Blank)
- ☐ Coal
- ☐ Gas/liquid fuel tu...
- ☐ Hydroelectric sta...
- ☐ Nuclear
- ☐ Pumped storage ...
- ☐ Wind energy

Operator

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

Station

- ☐ (Blank)
- ☐ Acacia
- ☐ Ankerlig
- ☐ Arnot
- ☐ Avon
- ☐ Camden
- ☐ Colley Wobbles
- ☐ Dedisa
- ☐ Drakensberg
- ☐ Duvha

Location

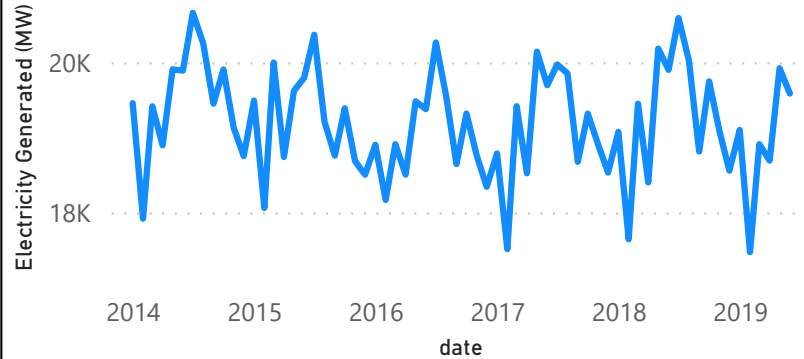
- ☐ (Blank)
- ☐ Atlantis
- ☐ Balfour
- ☐ Bergville
- ☐ Bethal
- ☐ Bethlehem
- ☐ Cape Town
- ☐ Durban
- ☐ East London
- ☐ Fmalahleni

Status

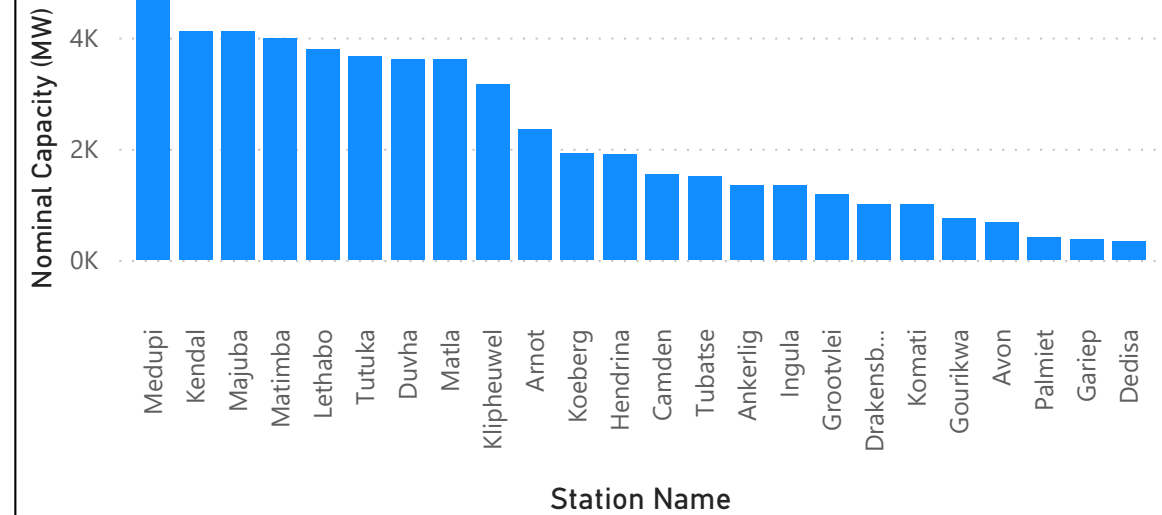
- ☐ Select all
- ☐ (Blank)
- ☐ 1st Unit Operati...
- ☐ Awaiting constru...
- ☐ Decommissioned
- ☐ Operational
- ☐ Project on hold
- ☐ Under constructi...

1/1/2014 6/1/2019

Average of electricity generated MW by date



Average of Nominal and Installed Capacity by Comission Year End



Station Information

status	planned_decommissioning_year	comission_year_start	commissioned_year_end
Awaiting construction	Unplanned	2018	2020
Operational	Unplanned	2017	2017
Under construction	Unplanned	2017	2021
Operational	Unplanned	2016	2016

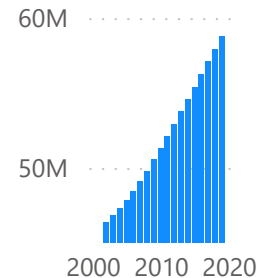
Households Connected

3M

Total Number Of Stations

43

Yearly Population Size



Population Growth Rate %

1.44

Summary Of Stations

Operational

37

Decommissioned

2

1st Unit Operational

Peak Electricity Generated (MW)

21K

AVG Electricity Generated In MW

19.20K

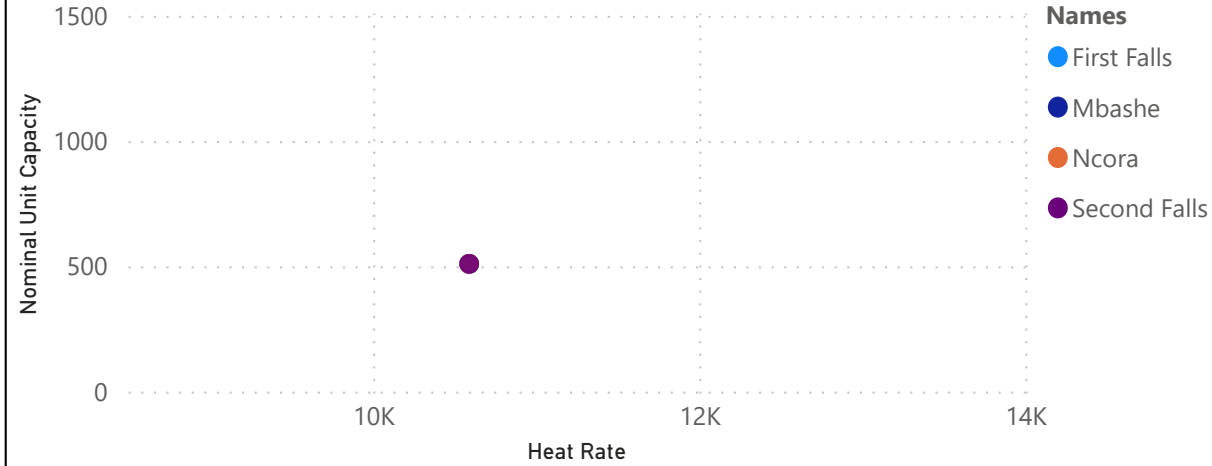
Number of Units

2

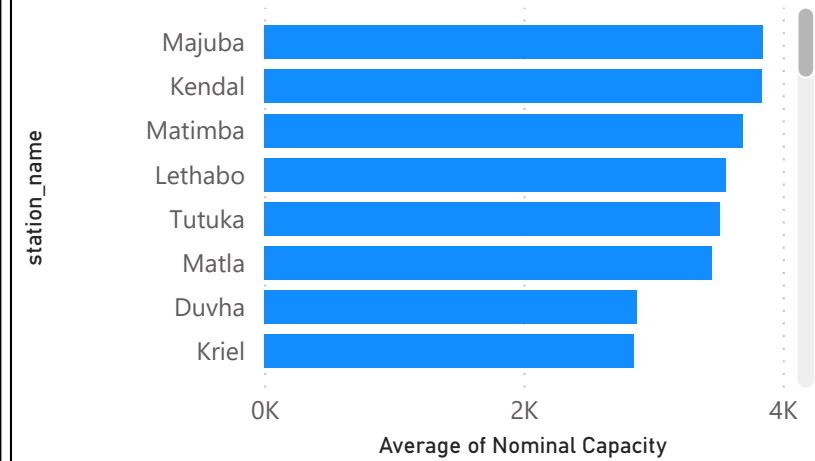
10



Heat Rate by Nominal Unit Capacity and Max Unit Capacity



Avg. Nominal Capacity by Plant Status



Type

- ☐ (Blank)
- ☐ coal
- ☐ Gas/Diesel
- ☐ Hydro
- ☒ mini-Hydro
- ☐ Nuclear
- ☐ pumped storage Hydro

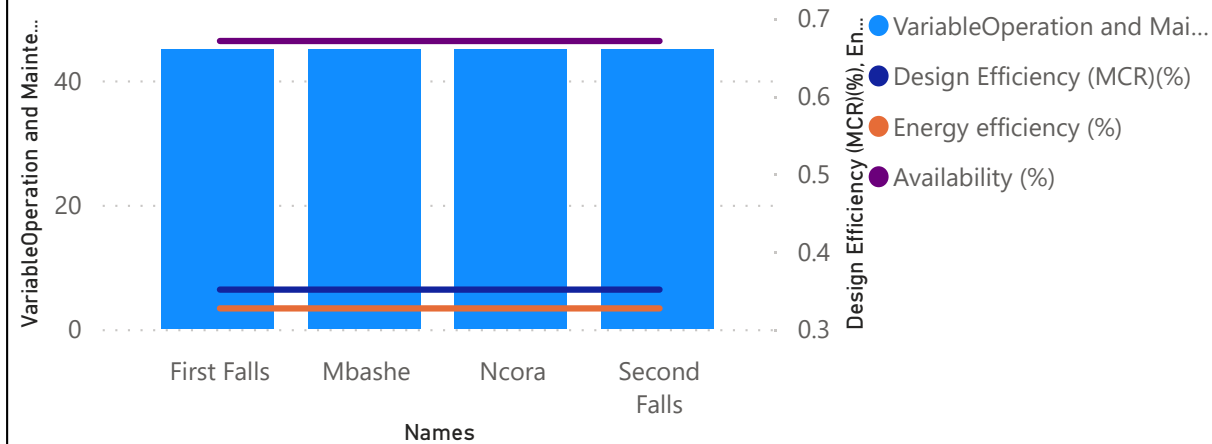
Station

- ☐ First Falls
- ☐ Mbashe
- ☐ Ncora
- ☐ Second Falls

Province

- ☐ Eastern Cape

Plant Cost, Efficiency and Availability



Station Information

Names	Number of Units	Variable Operation and Maintenance (%)
First Falls	5	
Mbashe	5	
Ncora	5	
Second Falls	5	
Total	20	

Avg. Of Ramp Rate
(%/hr)

0.31

Avg. Fixed Operating
Cost (million)

752

Avg. of Plant
Availability

0.67

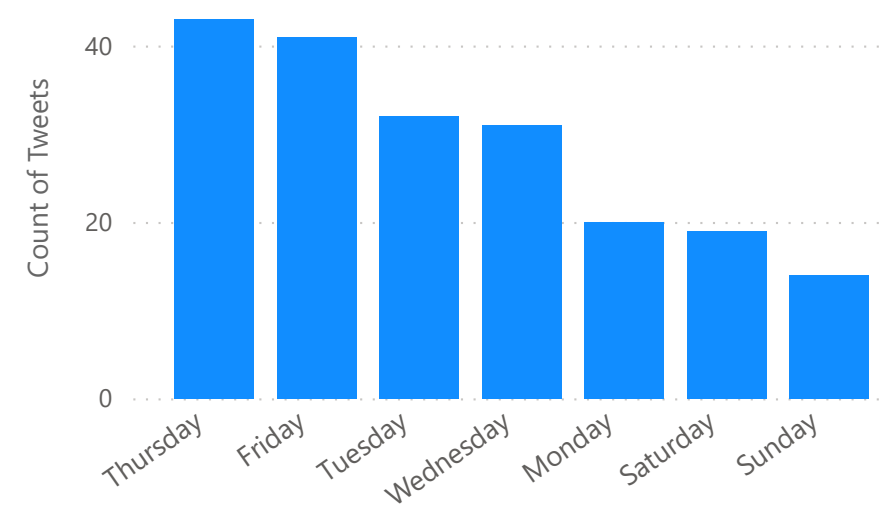
Avg. Of Variable
Operations and
Maintenance Costs

180

Total Number of
Station Units

20

Count of Tweets by Weekday

11/29/2019

Date	Tweets
11/20/2019 10:00:09 AM	RT @GP_DHS: The @GautengProvince made a commitment to electrify the area and reduce the harm that could be caused by illegal connections.
11/20/2019 10:07:41 AM	'@MuthambiPaulina @SABCNewsOnline @IOL @eNCA @ewnupdates @TheCity @SAGovnews @AfricaNews24_7 Is the power restored as yet?
11/20/2019 10:07:59 AM	'@ArthurGodbeer Is the power restored as yet?
11/20/2019 10:25:20 AM	#Eskom connected 400 houses and in the process of connecting 1700 more. #Eskom #PoweringYourWorld

Twitter Trends

200



2



```
['#eskom northwest']
```

