

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 ...

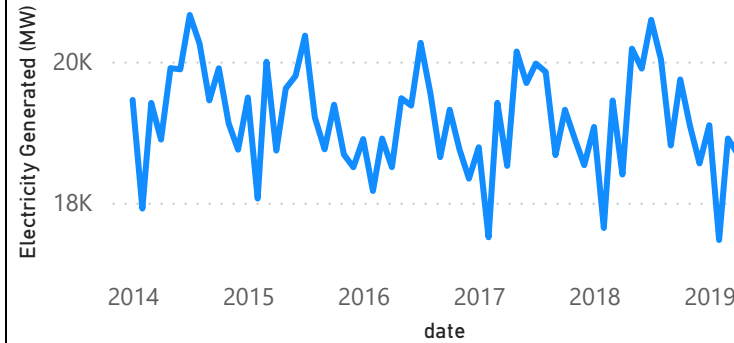
Status

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

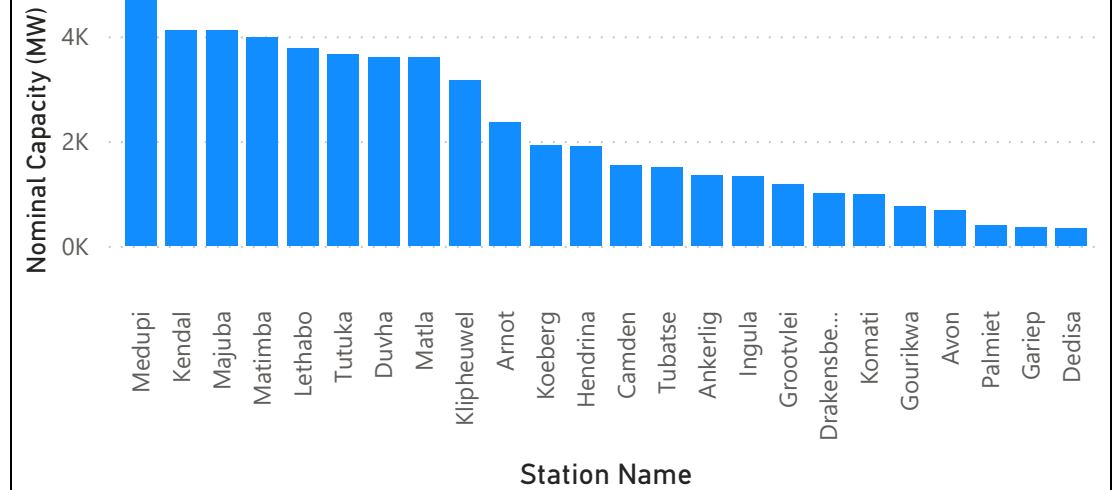
2014/01/01 2019/06/01



Average of electricity_generated_MW by date



Average of Nominal and Installed Capacity by Comission Year End



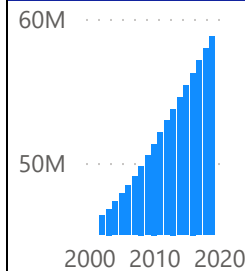
Station Information

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
1st Unit Operational	Unplanned	2015	2019

Households Connected

3M

Yearly Population Size



Population Growth Rate %

1,44

Peak Electricity Generated (MW)

21K

Number of Units

Type

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

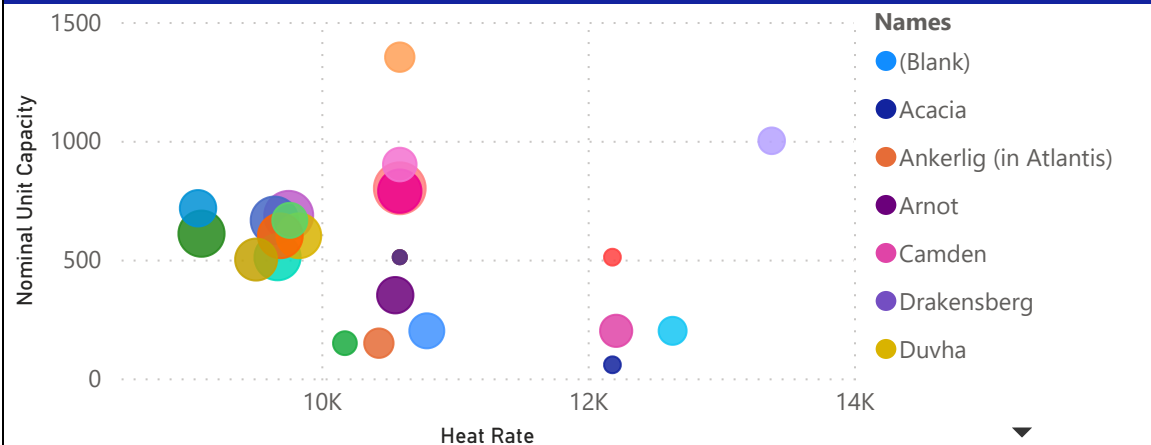
Station

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

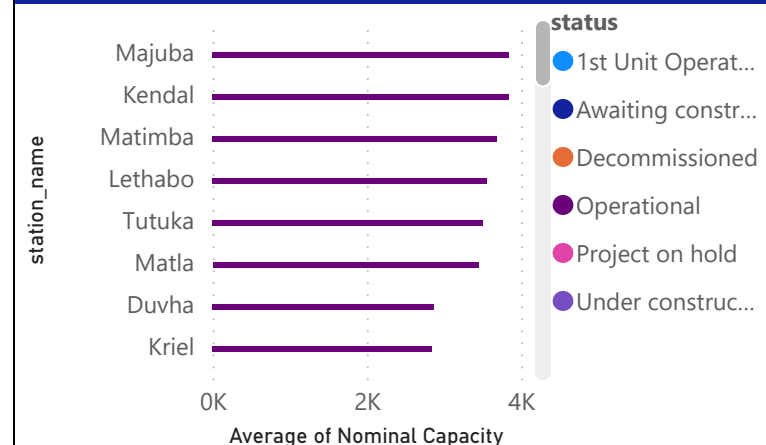
Province

- ☐ (Blank)
- ☐ Eastern Cape
- ☐ Free State
- ☐ Kwazulu-Natal
- ☐ Kwazulu-Natal or Free St...
- ☐ Limpopo
- ☐ Mpumalanga

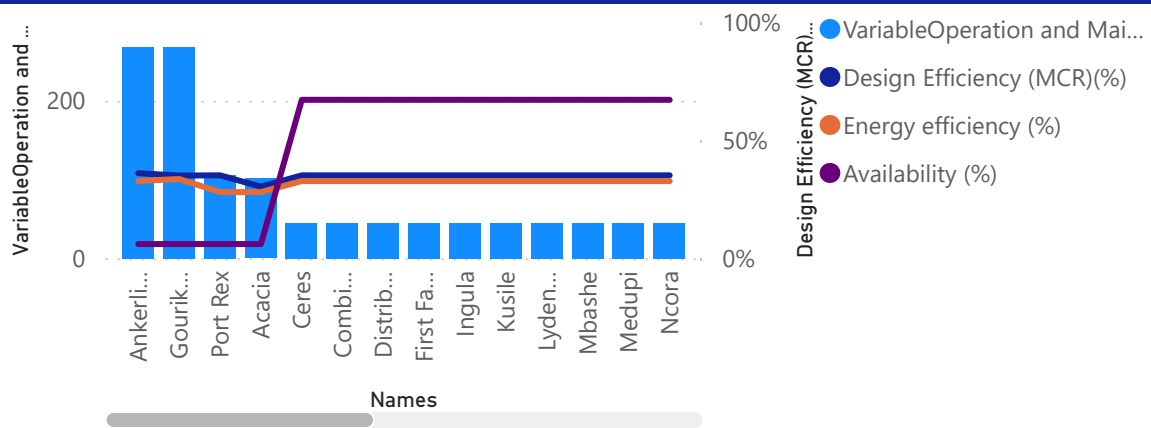
Heat Rate by Nominal Unit Capacity and Max Unit Capacity



Avg. Nominal Capacity by Plant Status



Plant Cost, Efficiency and Availability



Station Information

Names	Number of Units	VariableOperation
Acacia	3	
Ankerlig (in Atlantis)	9	
Arnot	6	
Camden	8	
Drakensberg	4	
Duvha	6	
Total	156	

Avg. ramp rate percentage

30.68%

Avg. Fixed Operating Cost (million)

5694

Avg. of Plant Availability

65.24%

Avg. variable operations and maintenance costs

44.87

Total Number of Station Units

156

Count of hashtags

Week Day

200
count of hashtags

All

Date

2000/01/01

2027/01/20

Municipality

municipality

All

Hashtags

hashtags

All

Popular Hashtags

['#chooseday', '#skabaiza,']

['#dyk']

['#electricitycosts', '#moneymatters']

['#electricitysafety:']

['#energyefficient', '#useelectricitysmartly']

['#eskom', '#eskom', '#poweringyourworld']

['#eskom']

['#eskom_mediastatement']

['#eskom_northwest']

No. of Tweets

200

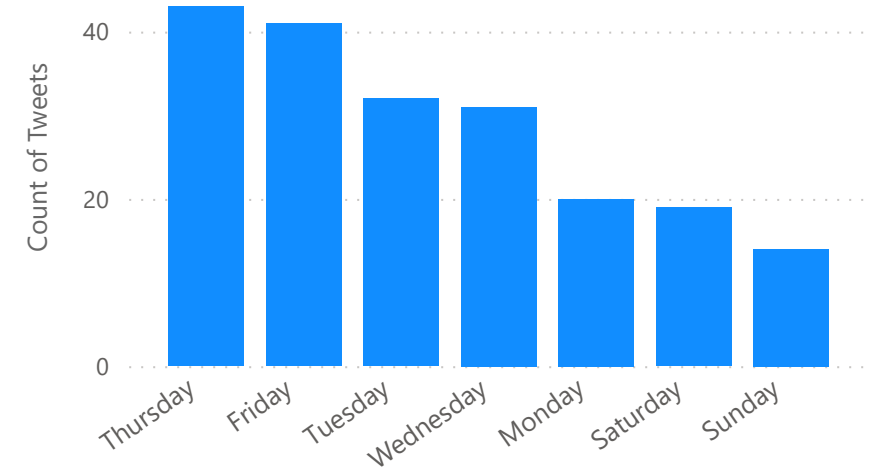


No. of Municipalities

2



Count of Tweets by Weekday



Twitter Trends



Location

- ☐ Atlantis
- ☐ Balfour
- ☐ Bergville
- ☐ Bethal
- ☐ Bethlehem
- ☐ Cape Town
- ☐ Durban

Fuel Type

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

Station Name

- ☐ Acacia
- ☐ Ankerlig
- ☐ Arnot
- ☐ Avon
- ☐ Camden
- ☐ Colley Wobbles
- ☐ Dedisa

Province

- ☐ (Blank)
- ☐ Eastern Cape
- ☐ Free State
- ☐ Kwazulu-Natal
- ☐ Kwazulu-Natal or ...
- ☐ Limpopo
- ☐ Mpumalanga

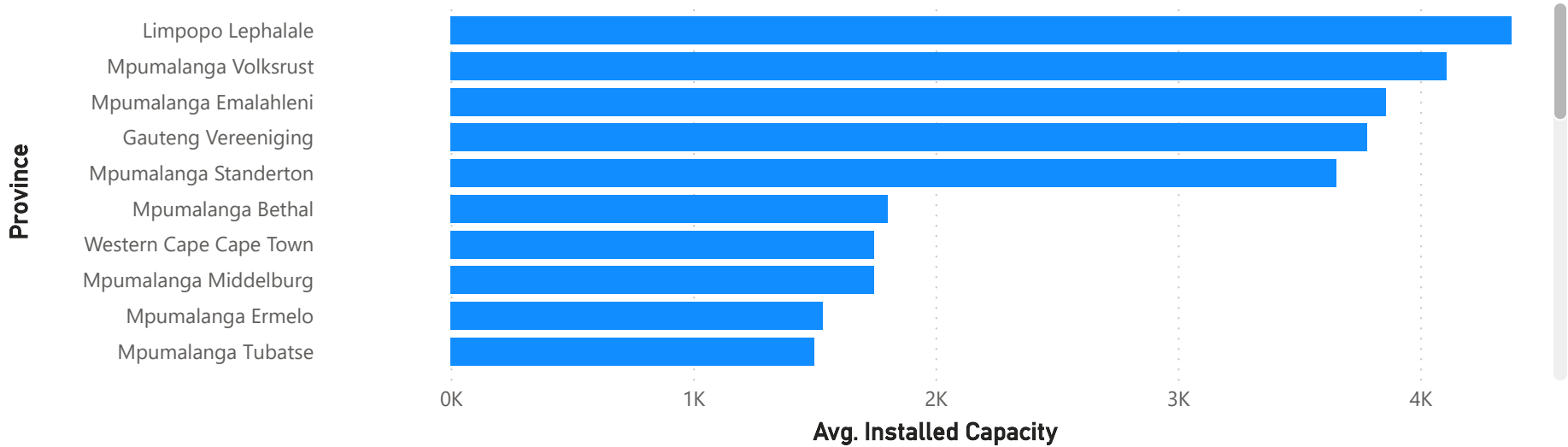
Status

- ☐ 1st Unit Operational
- ☐ Awaiting constructi...
- ☐ Decommissioned
- ☐ Operational
- ☐ Project on hold
- ☐ Under construction

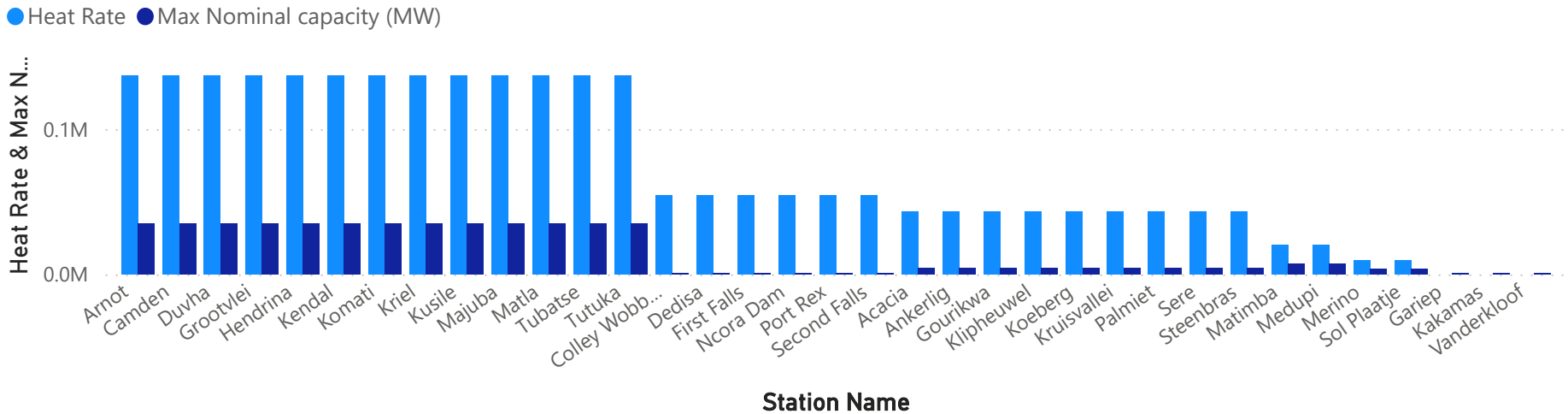
Operator Name

- ☐ Aldwych Internatio...
- ☐ Bethlehem Hydro
- ☐ City of Cape Town
- ☐ City of Tshwane
- ☐ Eskom
- ☐ International power
- ☐ ...

Avg. installed capacity by province and location



Heat Rate & Max Nominal Capacity by Station



Total number of stations

43

Avg. Electricity Generated

19.20K

Avg. Plant Availability

0.65

Avg rate %

30.68%

Max Nominal Capacity

53.29K

Status

- ☐ 1st Unit Operational
- ☐ Awaiting construction
- ☐ Decommissioned
- ☐ Operational
- ☐ Project on hold
- ☐ Under construction

Station Name

- ☐ Acacia
- ☐ Ankerlig
- ☐ Arnot
- ☐ Avon
- ☐ Camden
- ☐ Colley Wobbles

Location

- ☐ Atlantis
- ☐ Balfour
- ☐ Bergville
- ☐ Bethal
- ☐ Bethlehem
- ☐ Cape Town
- ☐ Durban

Number of Units

156

Station Type

- ☐ Coal
- ☐ Gas/liquid fuel turbine ...
- ☐ Hydroelectric station
- ☐ Nuclear
- ☐ Pumped storage scheme
- ☐ Wind energy

Installed Capacity

53964

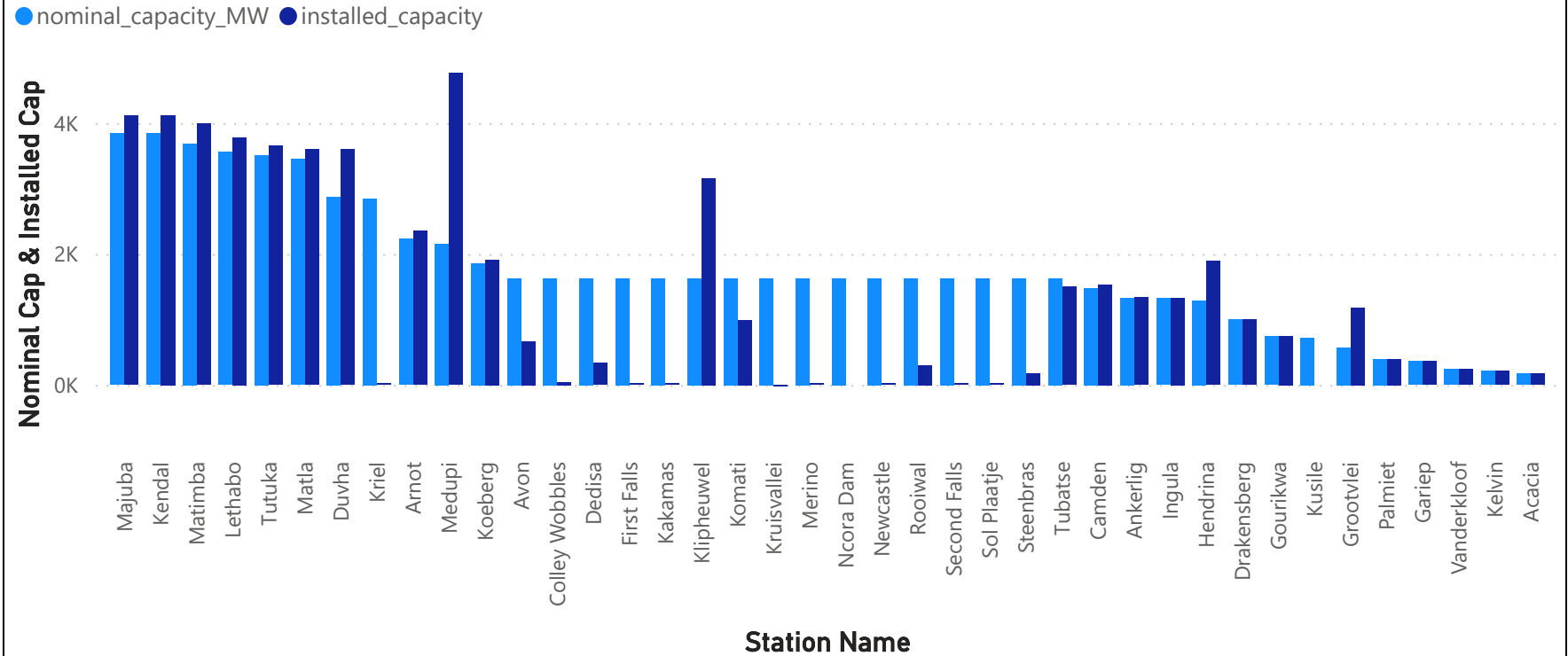
Province

- ☐ (Blank)
- ☐ Eastern Cape
- ☐ Free State
- ☐ Kwazulu-Natal
- ☐ Kwazulu-Natal or Free ...
- ☐ Limpopo
- ☐ Mpumalanga
- ☐ Northern Cape
- ☐ Western Cape

Nominal Capacity

16K

Nominal capacity and Installed capacity by station name



Commissioned year end minus Comission year start by station name

