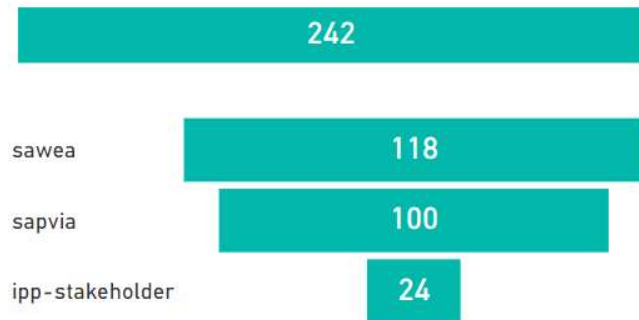
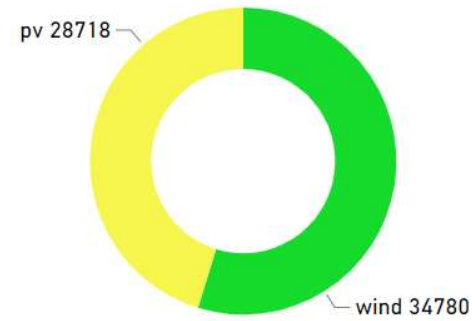
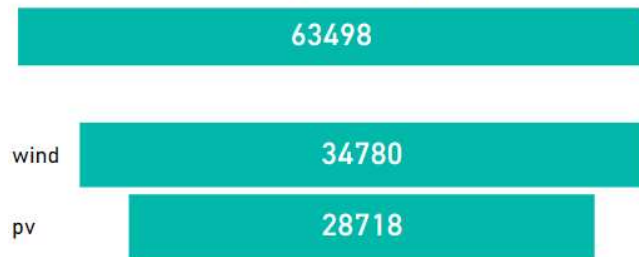


Survey Result 2022/04/01

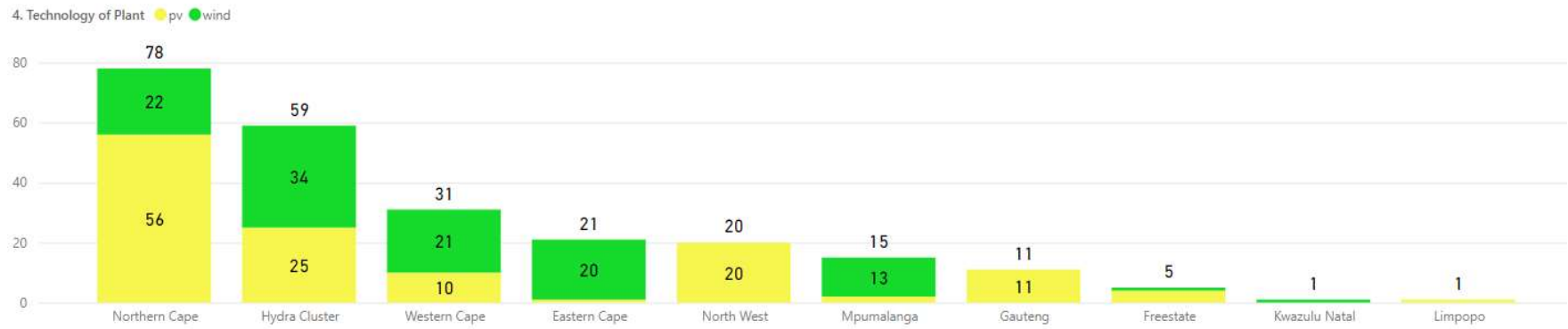
Number of contributions



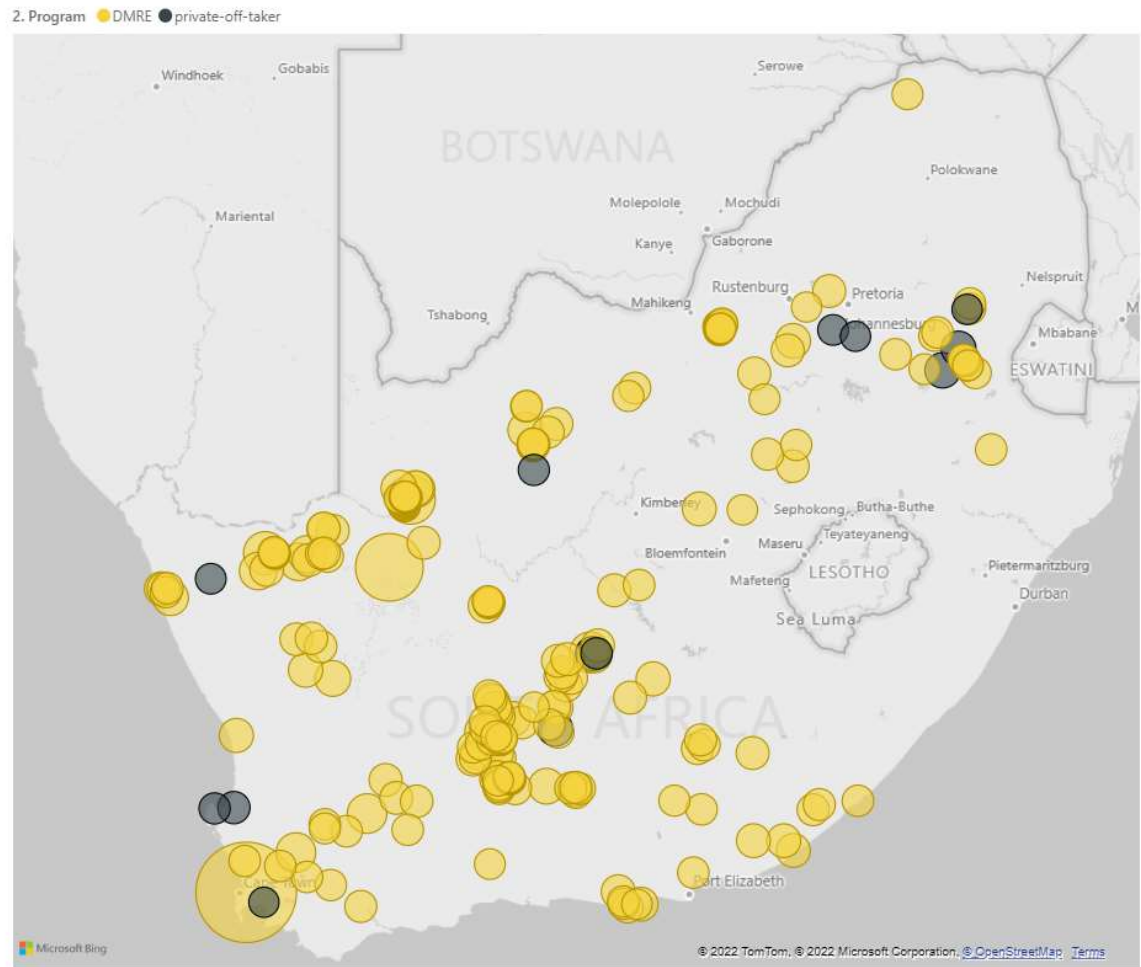
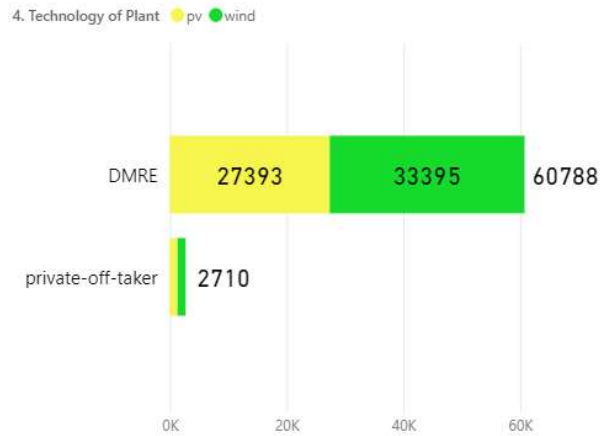
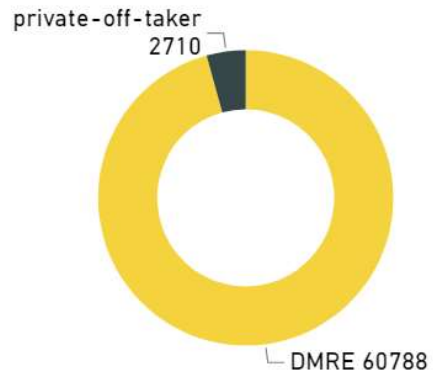
Total Size of Plant (MWac)



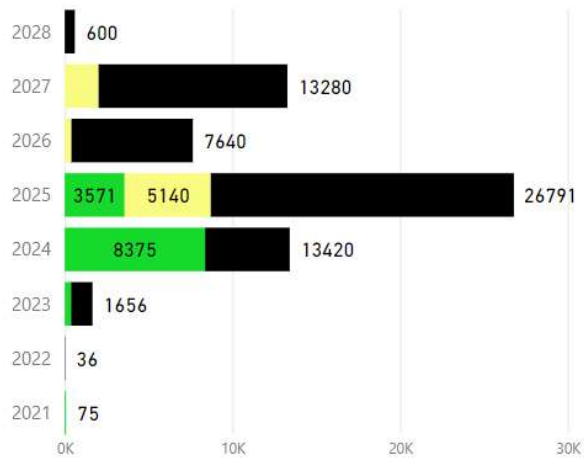
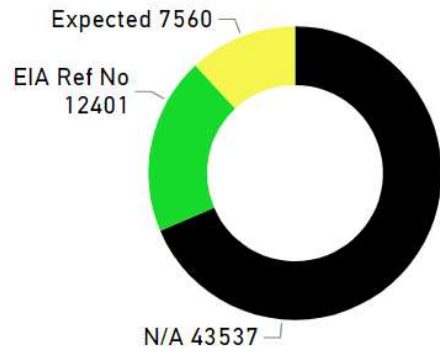
Area of interest Cluster and Substation



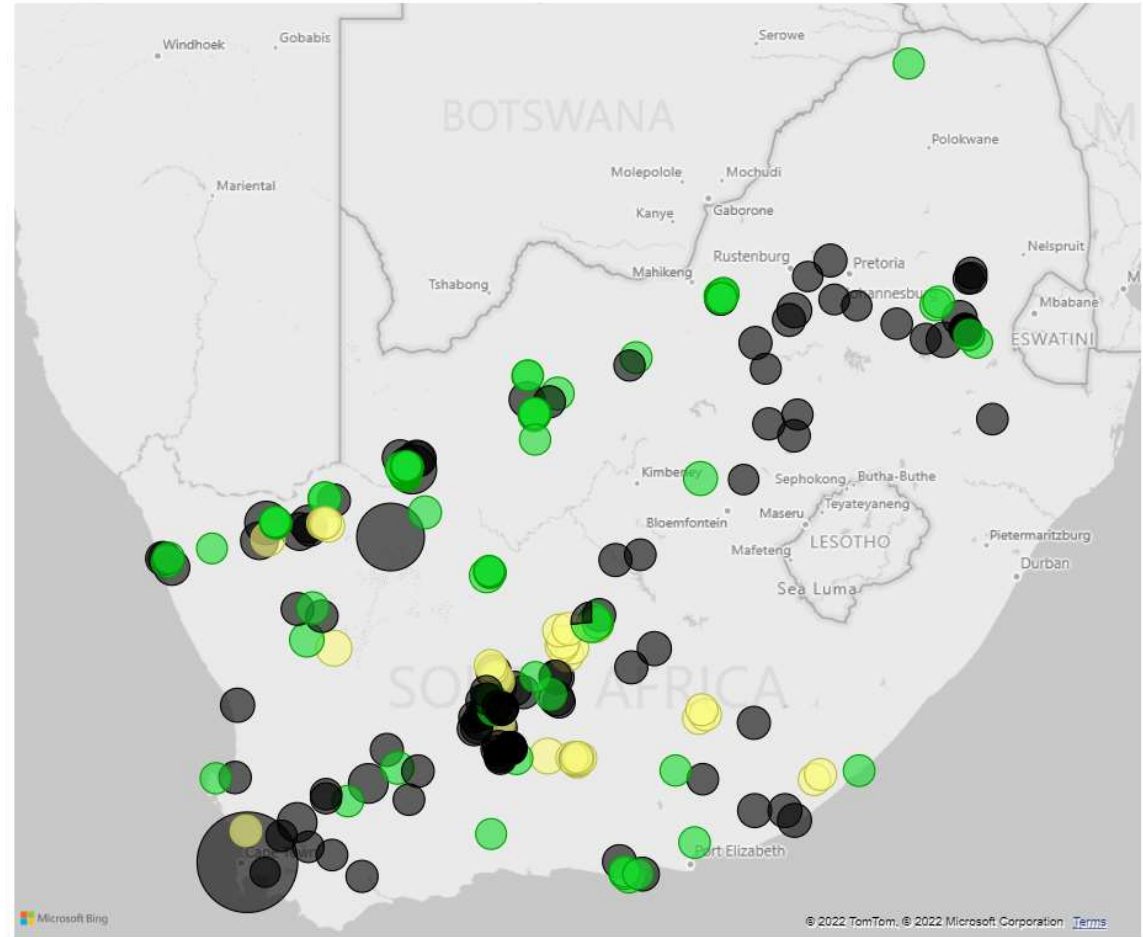
DMRE vs Private (MW)



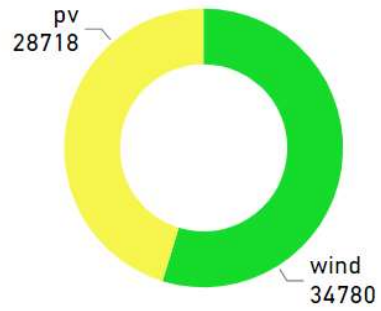
EIA Ready (MW)



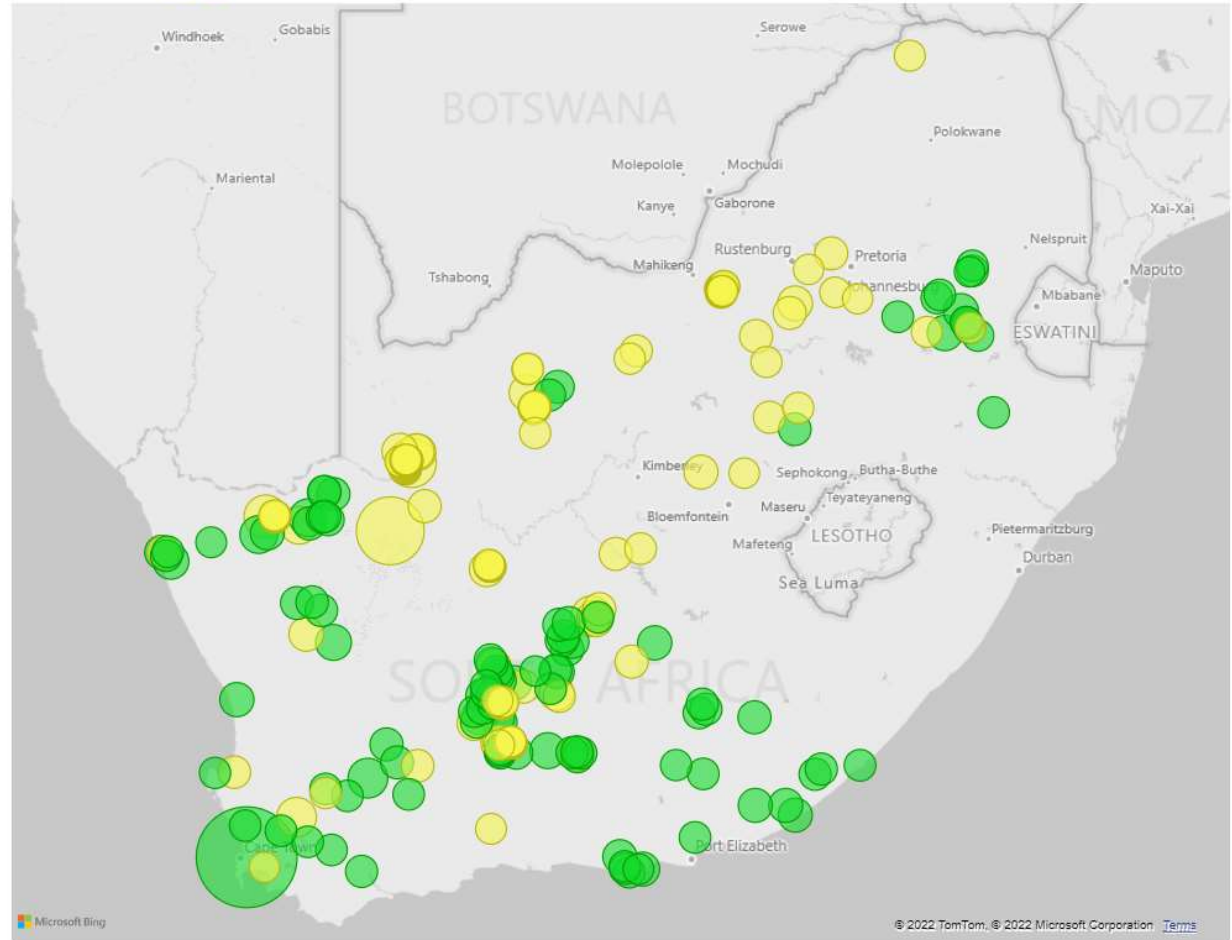
11. EIA Ref No. (where available) ● EIA Ref No ● Expected ● N/A



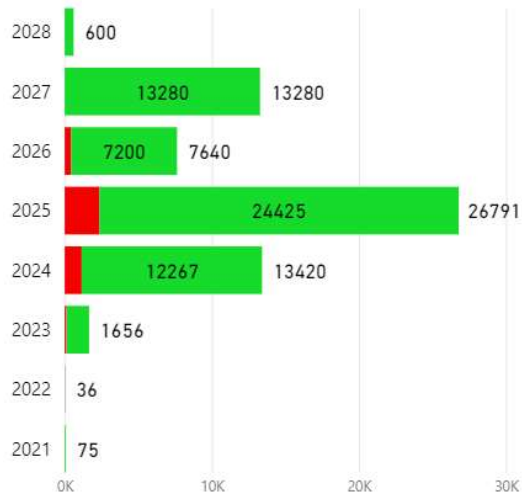
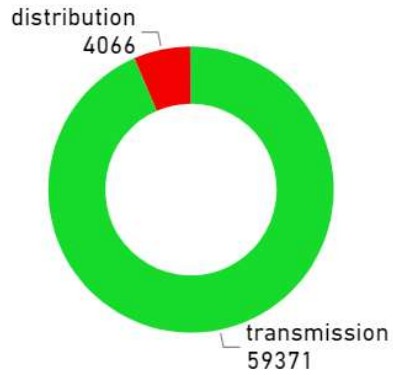
Wind vs PV



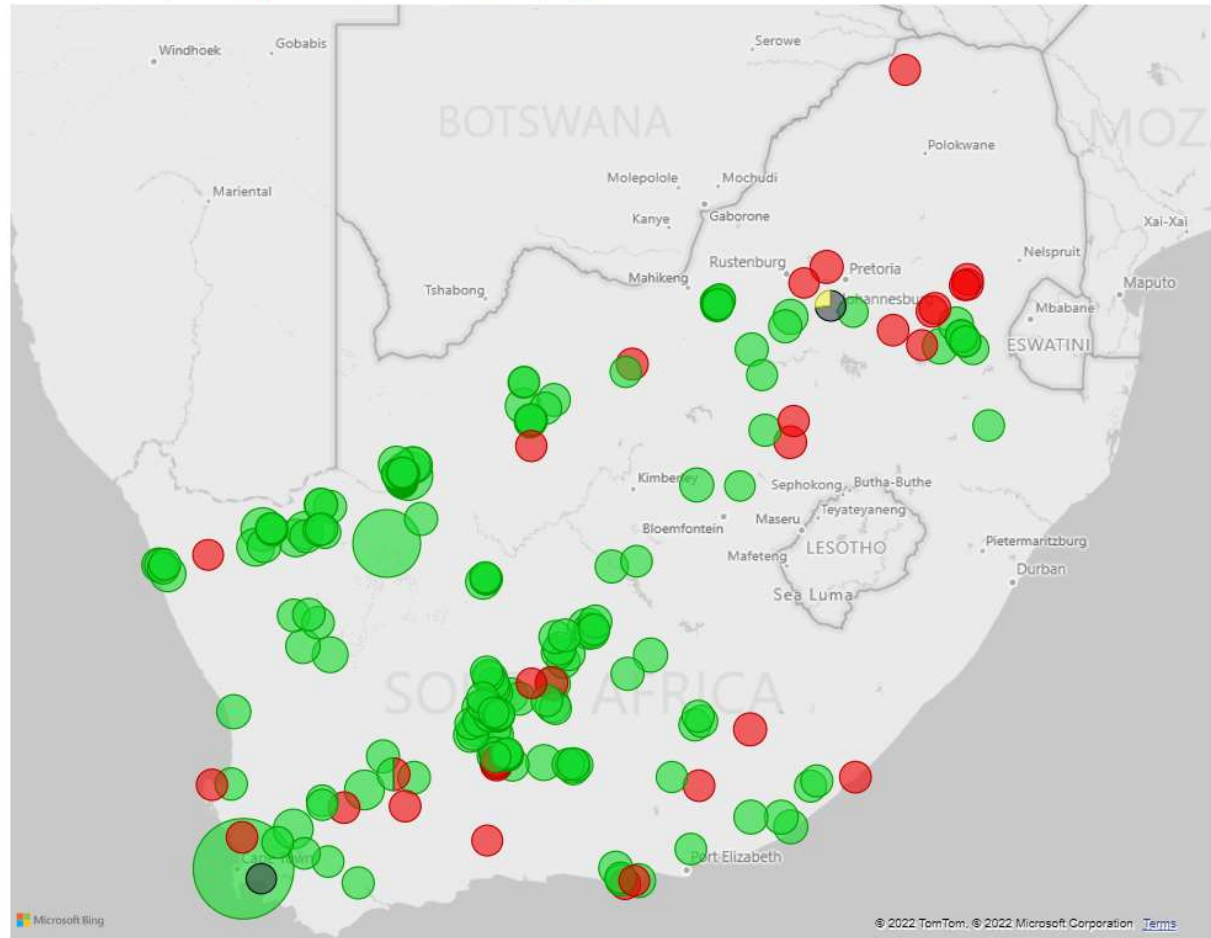
4. Technology of Plant ● pv ● wind



Access Tx,Dx, Own use & Munic

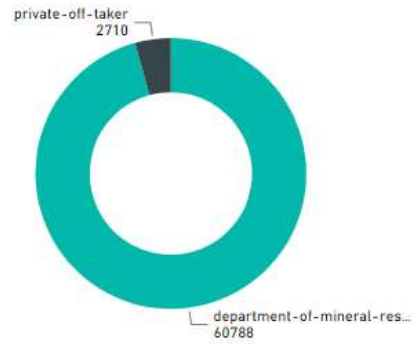


7. Preferred Point of Dx / Tx Access ● distribution ● internal-own-use ● municipality ● transmission

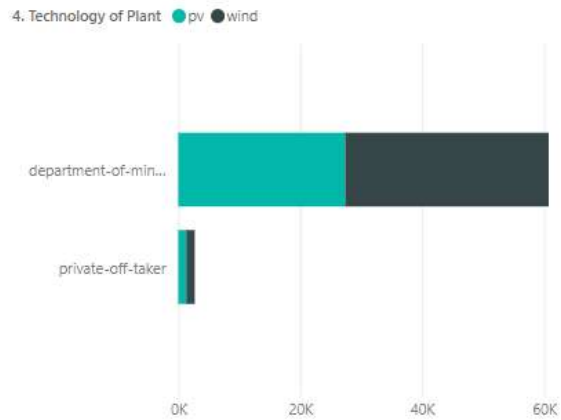


DMRE vs Private

Sum of 5. Size of Plant (MWac) by 2. Program

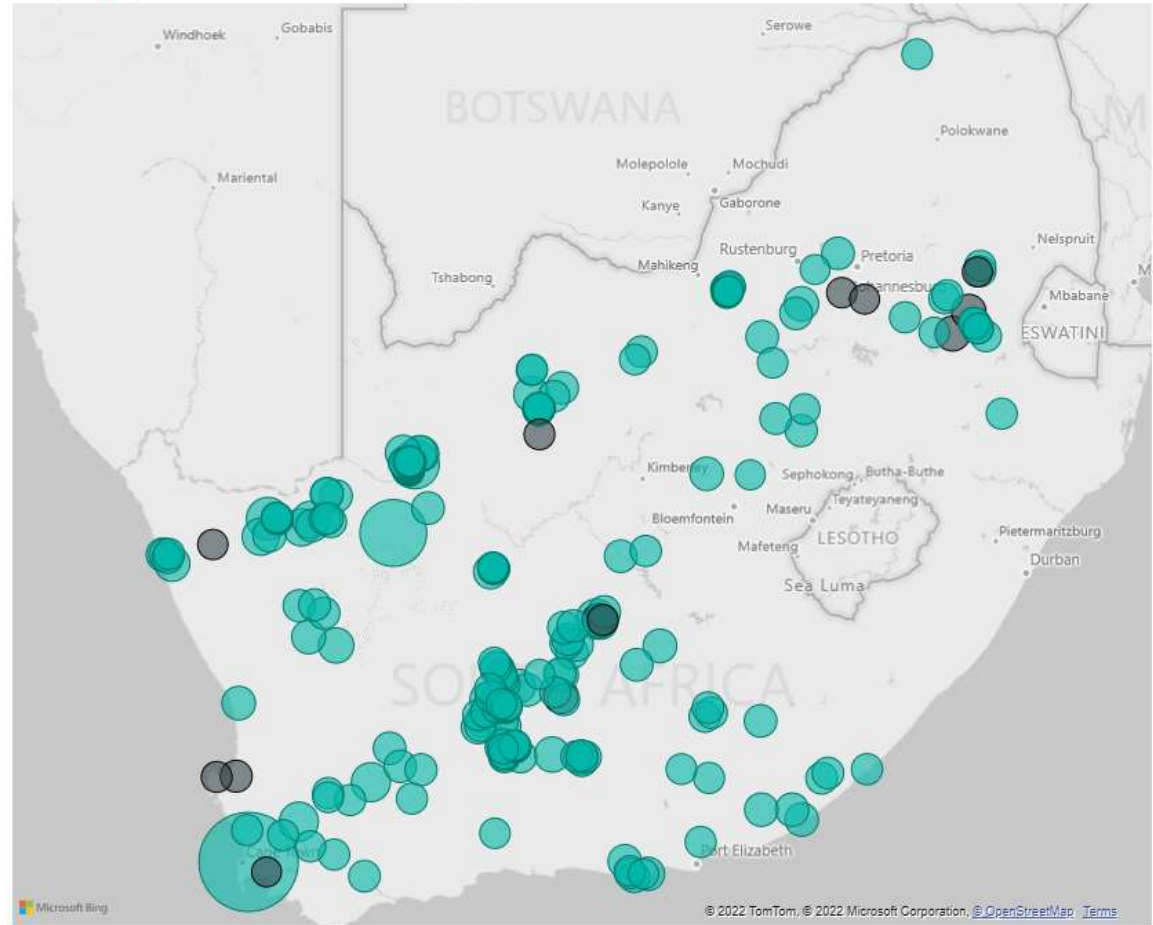


Sum of 5. Size of Plant (MWac) by 2. Program and 4. Technology of Plant

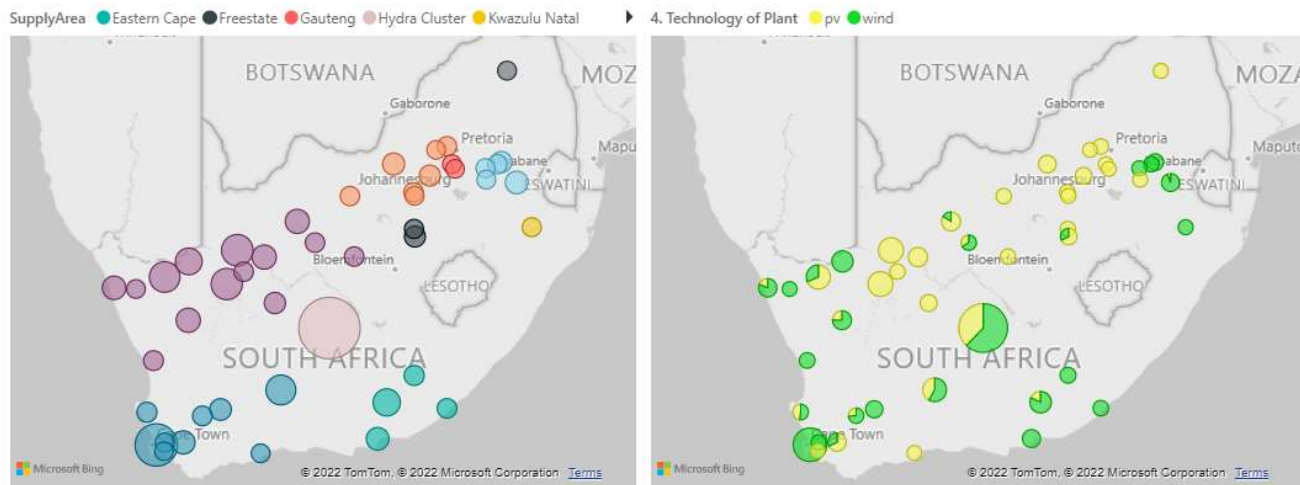
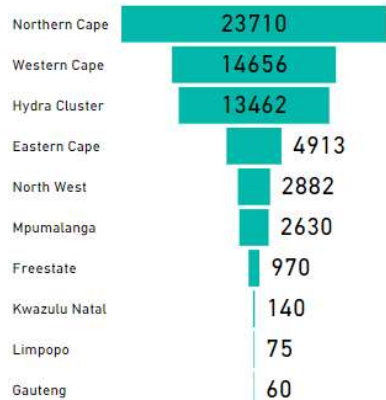


Sum of 5. Size of Plant (MWac) by 2. Program, X and Y

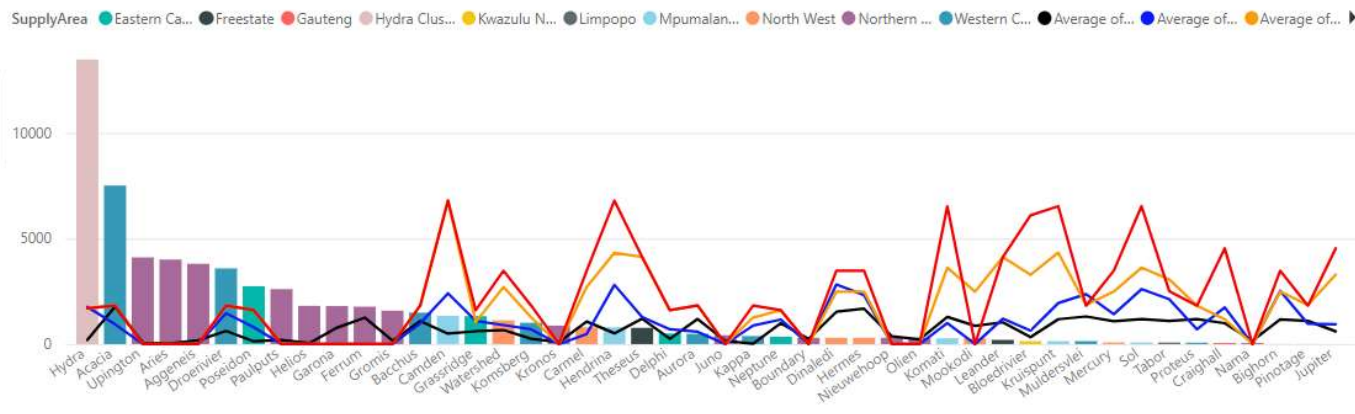
2. Program ● department-of-mineral-resources-and-energy-dmre ● private-off-taker



Grid Interest vs Capacity

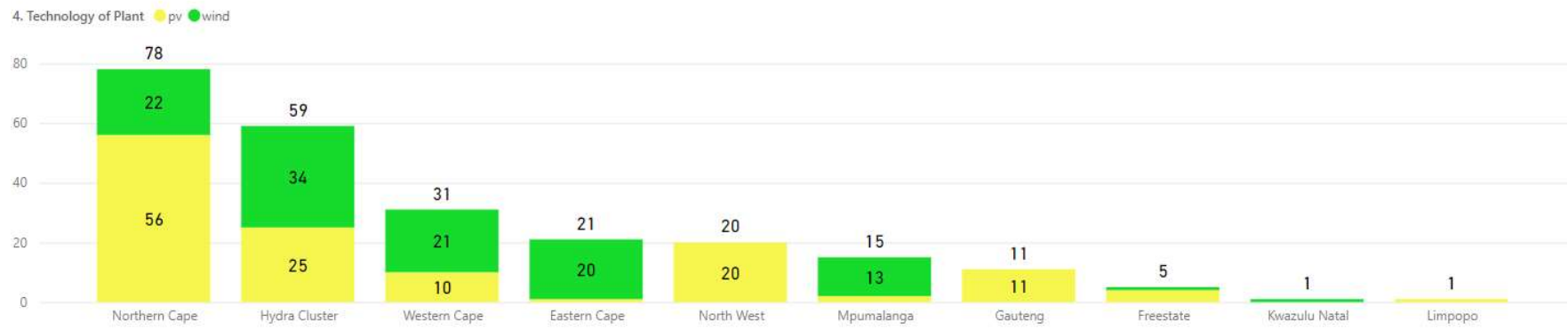
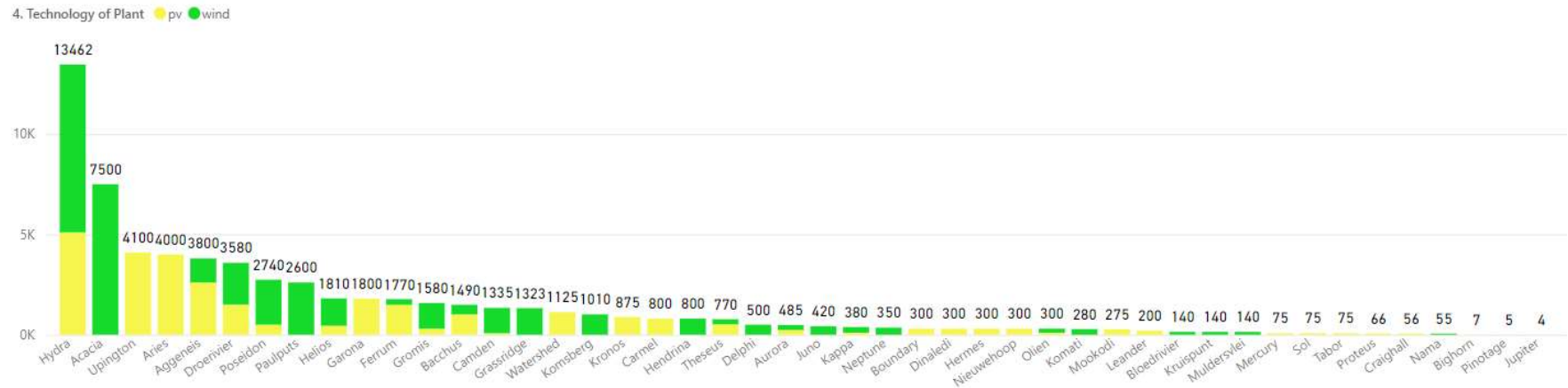


- Substation
- Select all
 - (Blank)
 - Acacia
 - Aggeneis
 - Aries
 - Aurora
 - Bacchus
 - Bighorn
 - Bloedrivier
 - Boundary
 - Camden
 - Carmel
 - Craighall



All Area Wind & PV

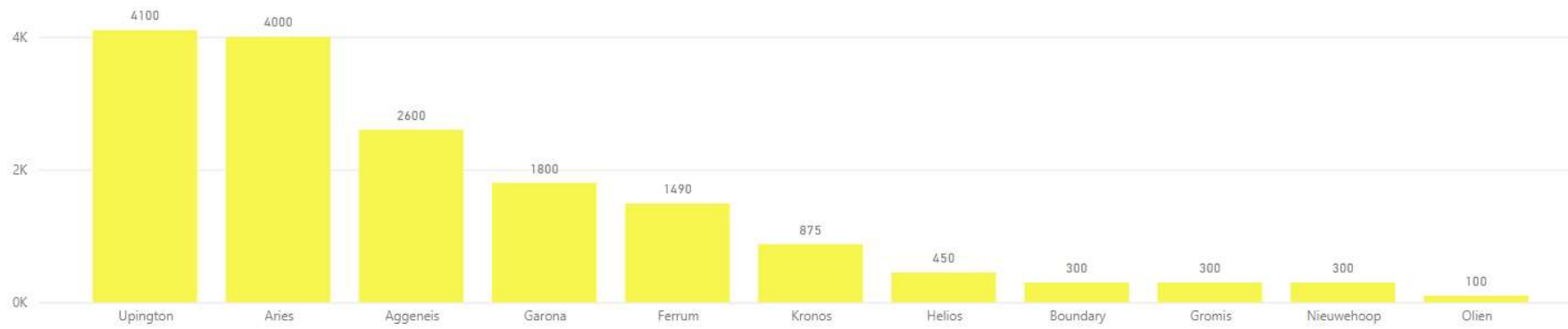
Area of interest Cluster and Substation



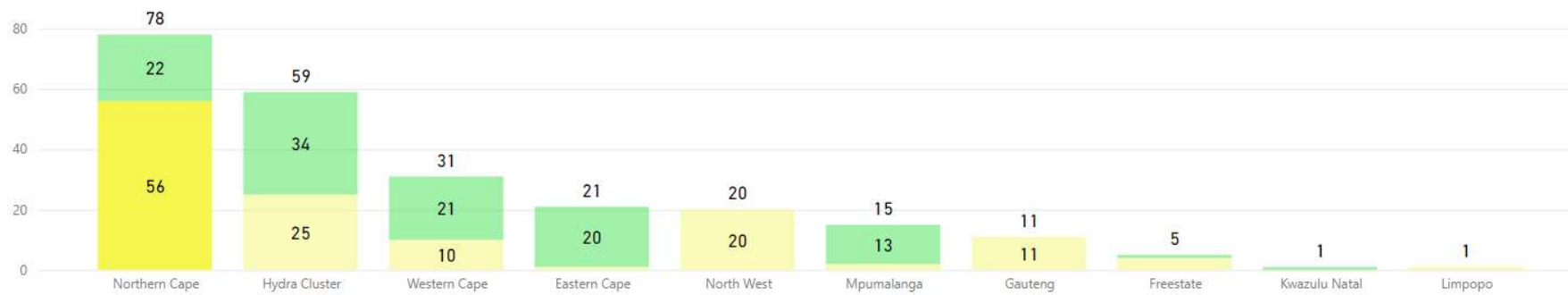
Northern Cape - PV

Area of interest Cluster and Substation

4. Technology of Plant ● pv

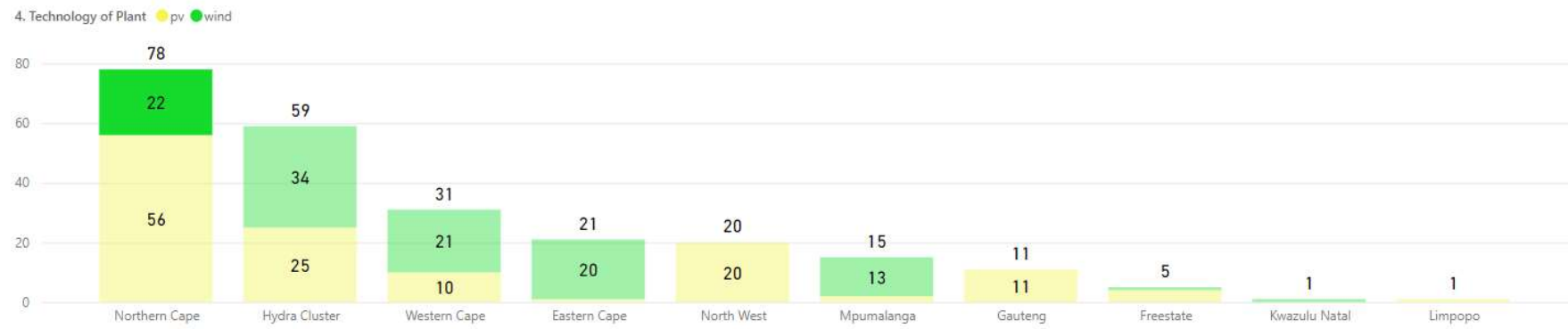
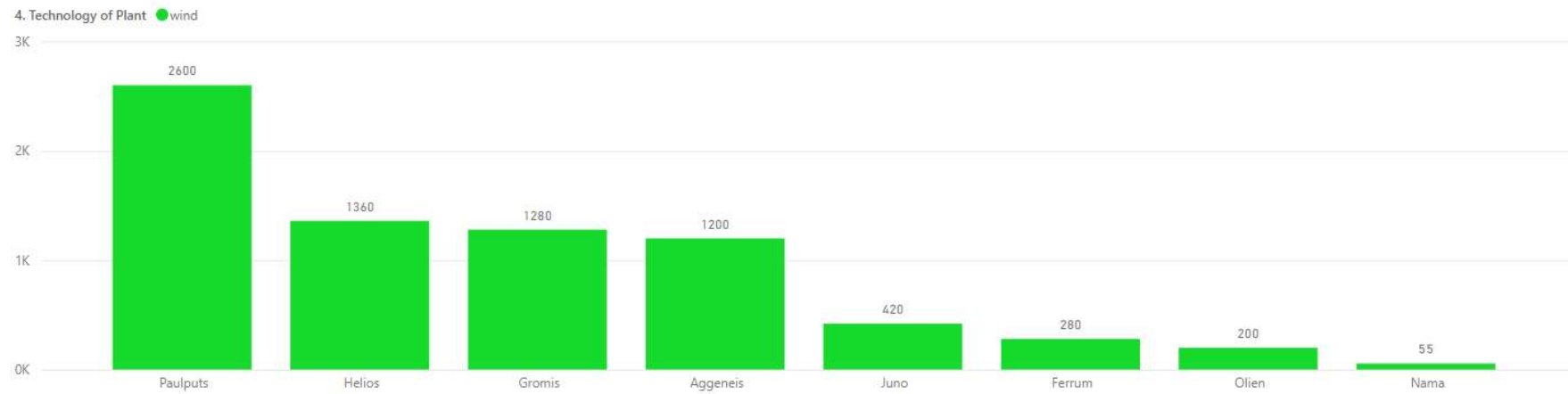


4. Technology of Plant ● pv ● wind



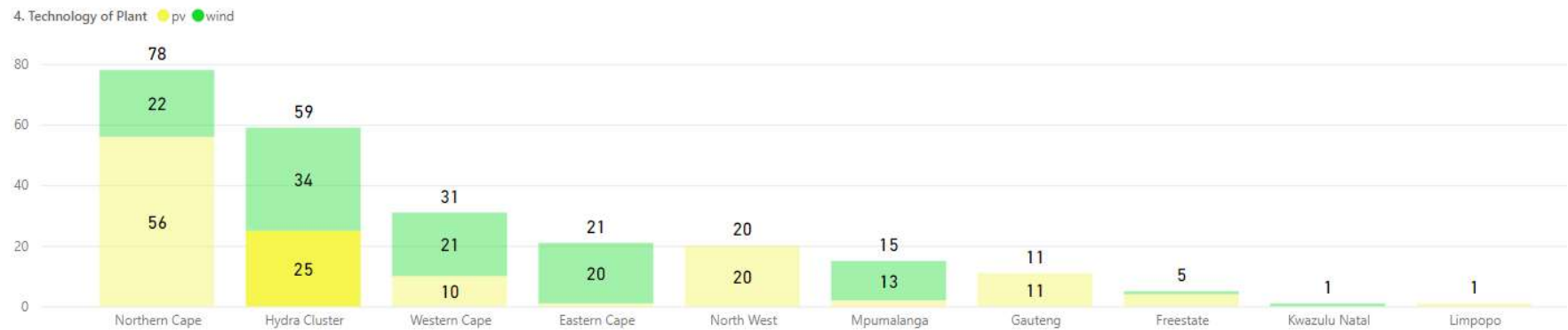
Northern Cape - Wind

Area of interest Cluster and Substation



Hydra Cluster - PV

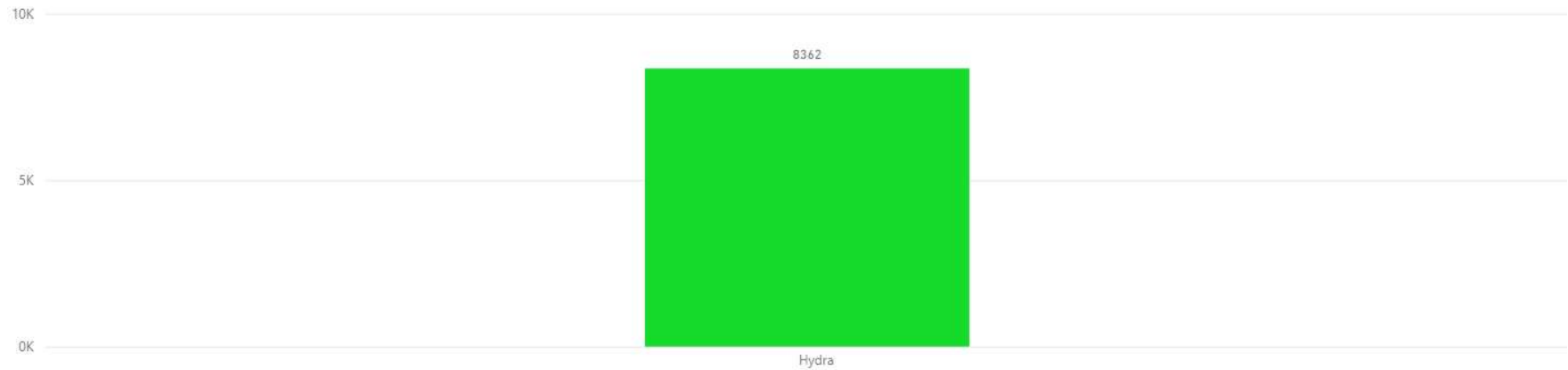
Area of interest Cluster and Substation



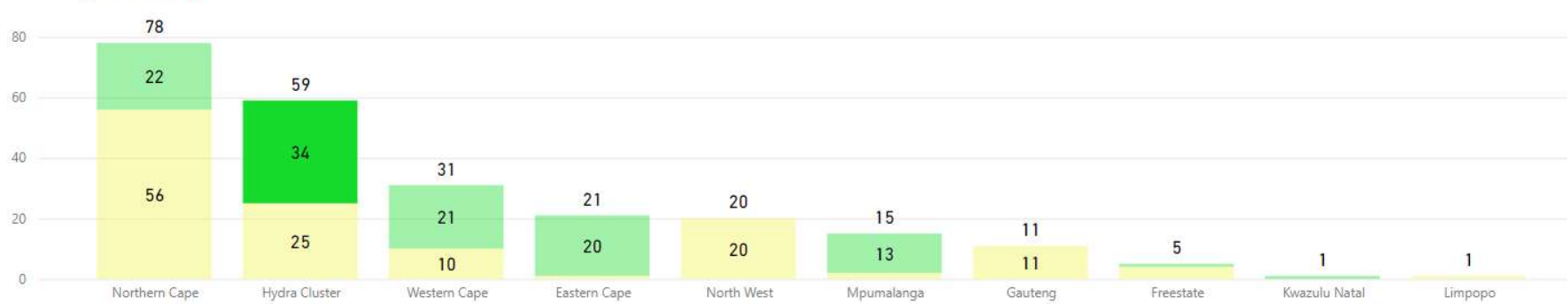
Hydra Cluster - Wind

Area of interest Cluster and Substation

4. Technology of Plant ● wind

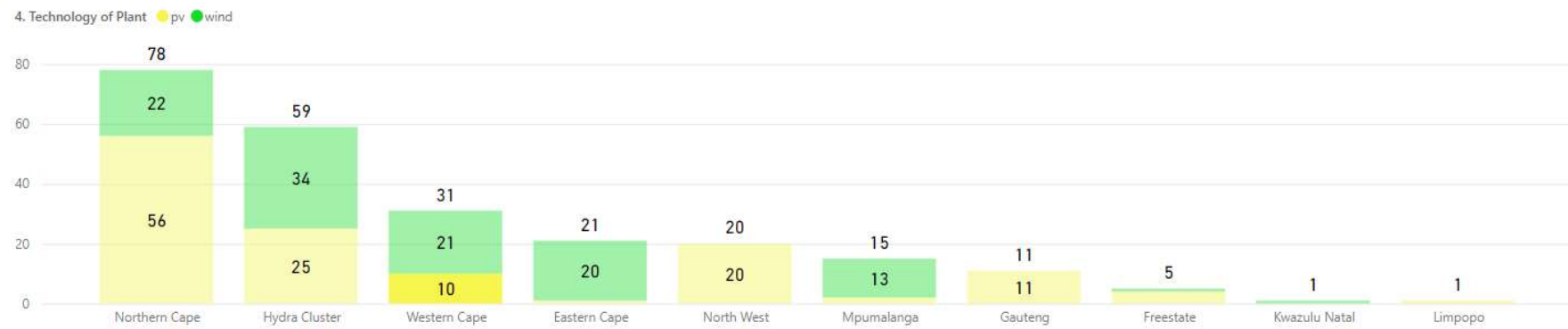
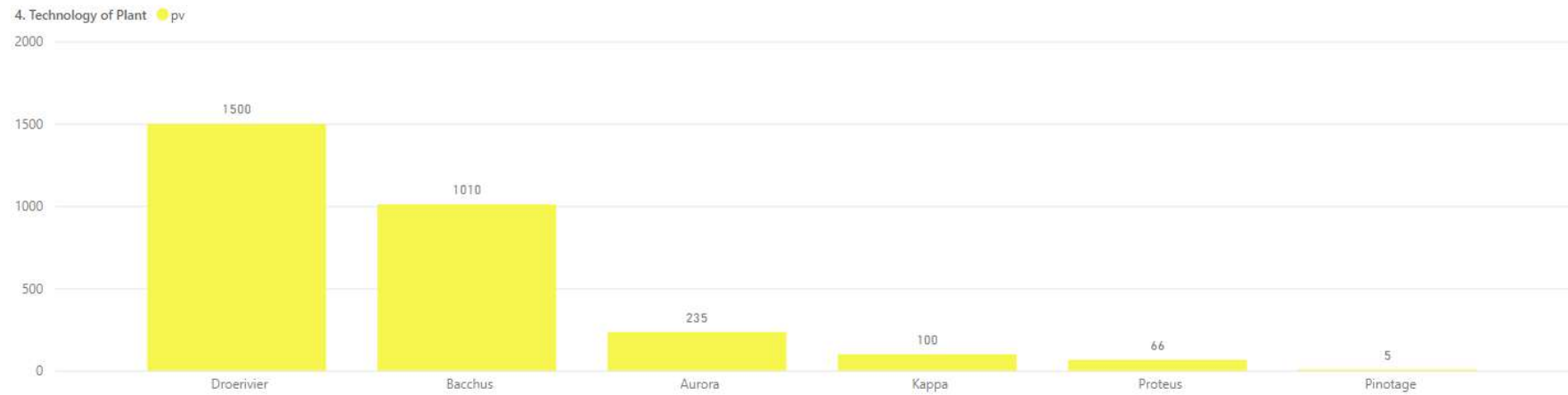


4. Technology of Plant ● pv ● wind



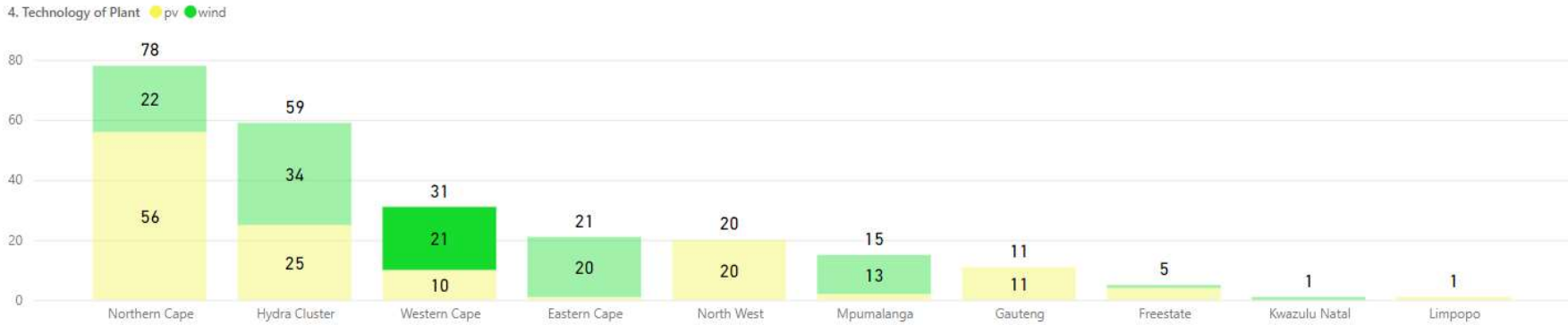
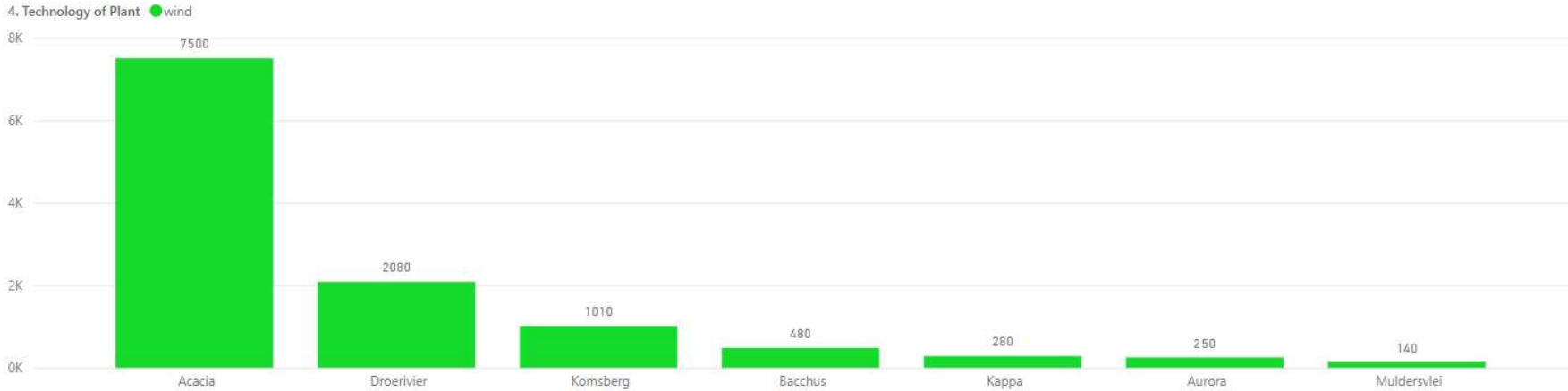
Western Cape - PV

Area of interest Cluster and Substation



Western Cape - Wind

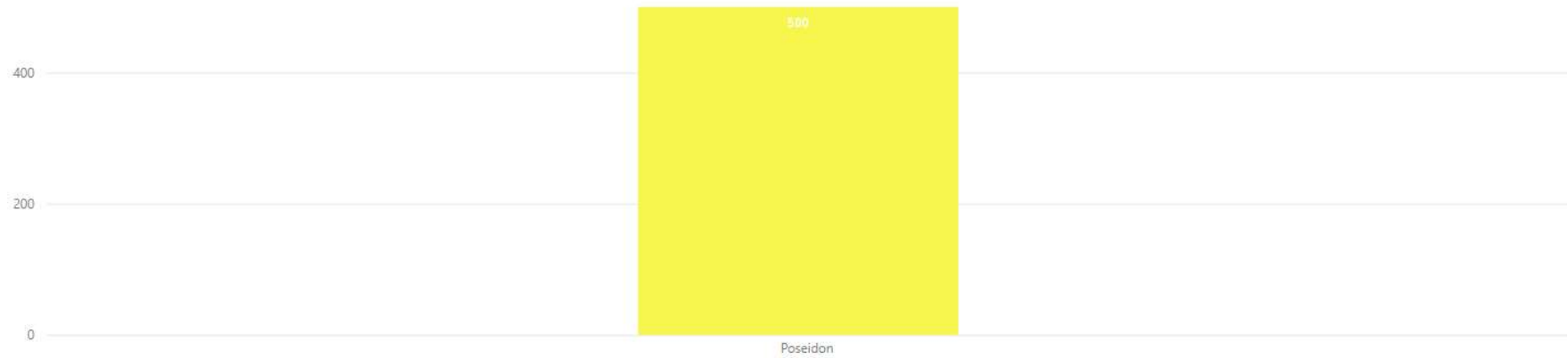
Area of interest Cluster and Substation



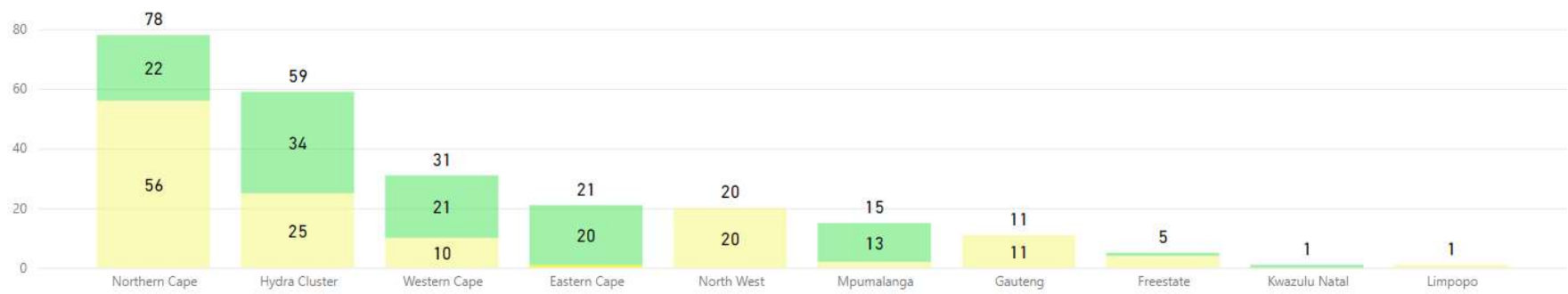
Eastern Cape - PV

Area of interest Cluster and Substation

4. Technology of Plant ● pv ● wind



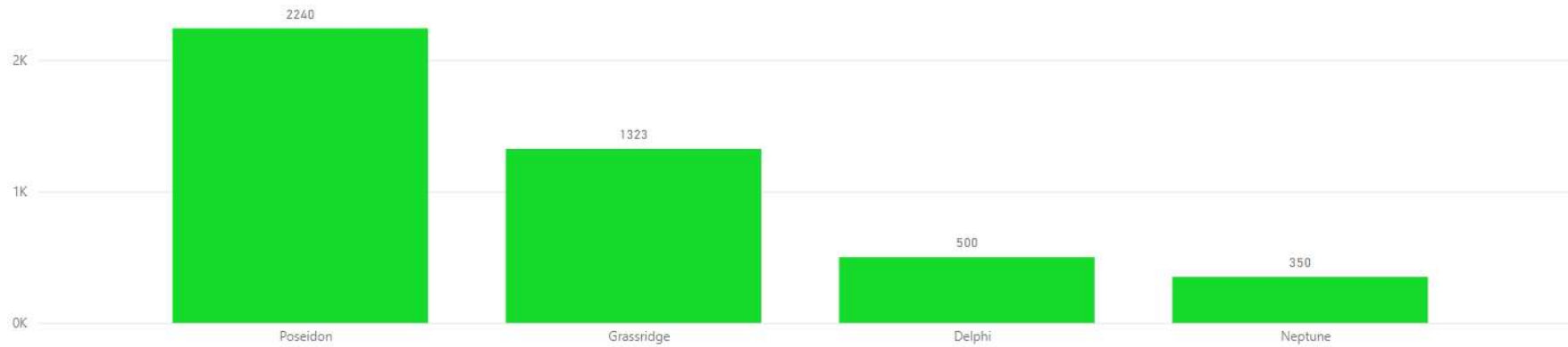
4. Technology of Plant ● pv ● wind



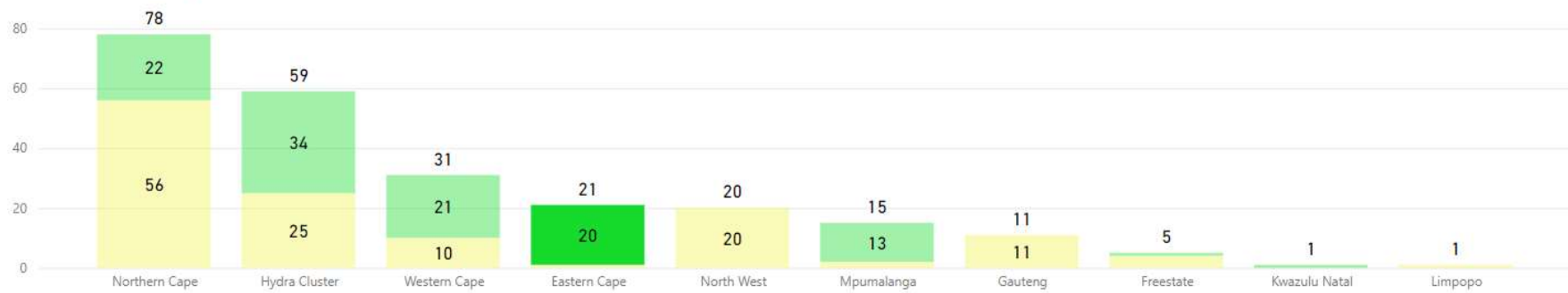
Eastern Cape - Wind

Area of interest Cluster and Substation

4. Technology of Plant ● wind



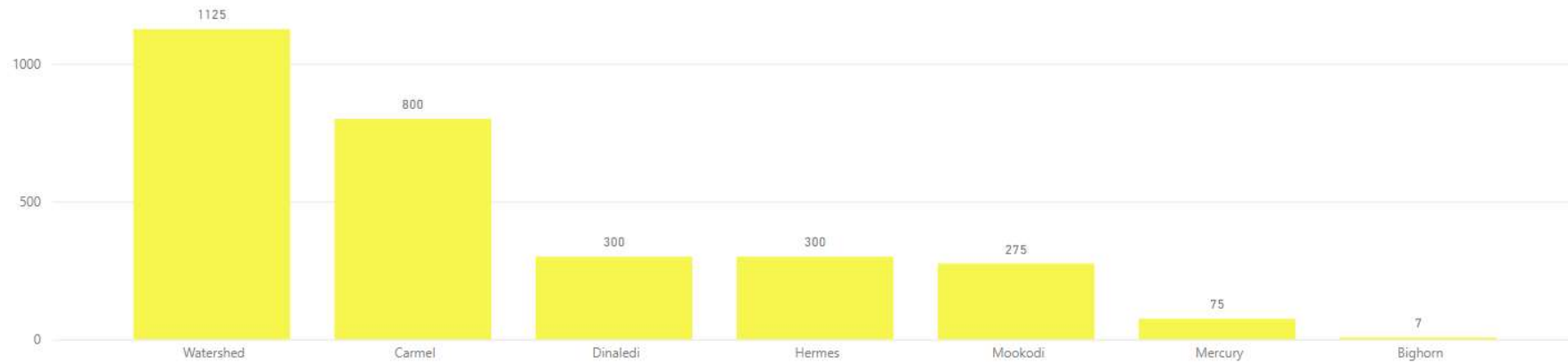
4. Technology of Plant ● pv ● wind



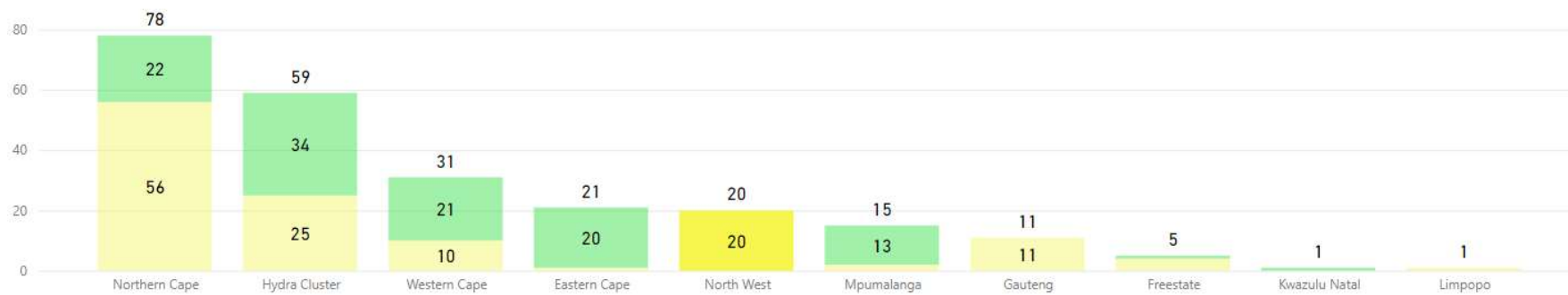
North West - PV

Area of interest Cluster and Substation

4. Technology of Plant ● pv

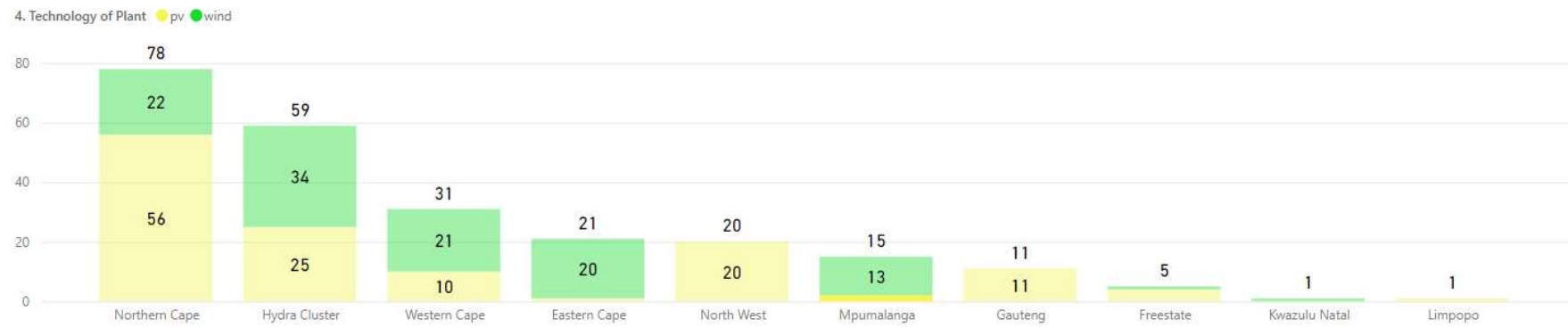
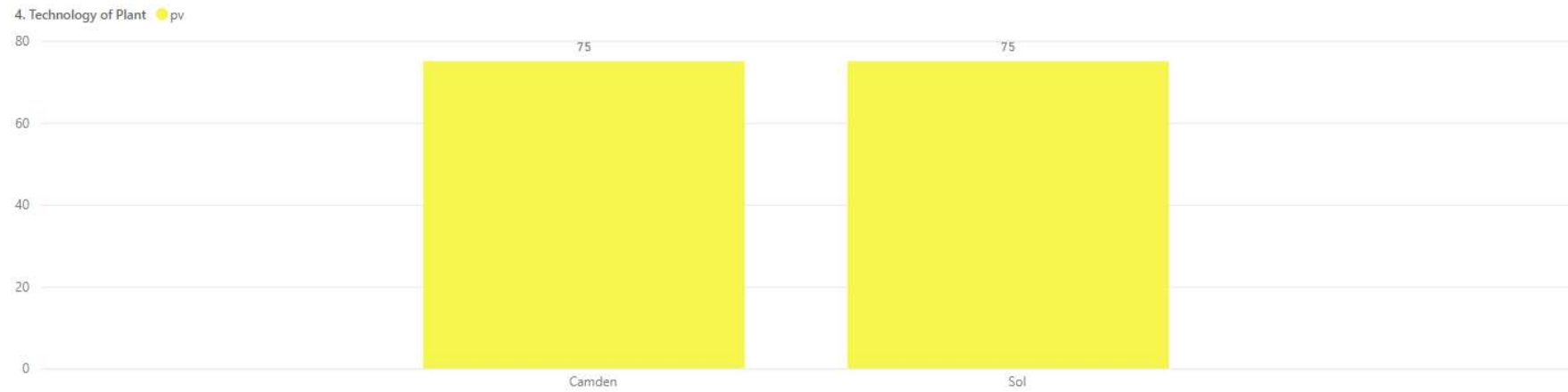


4. Technology of Plant ● pv ● wind



Mpumalanga - PV

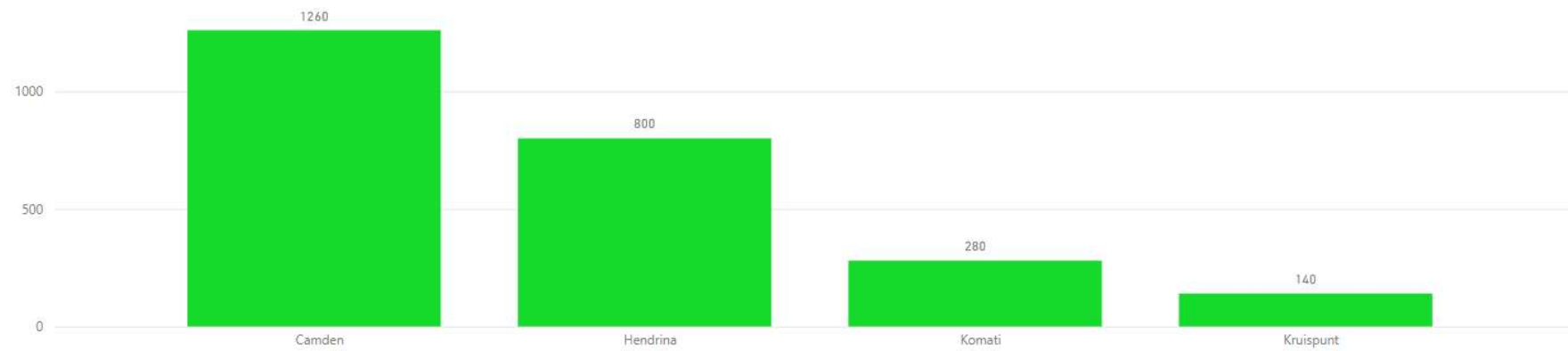
Area of interest Cluster and Substation



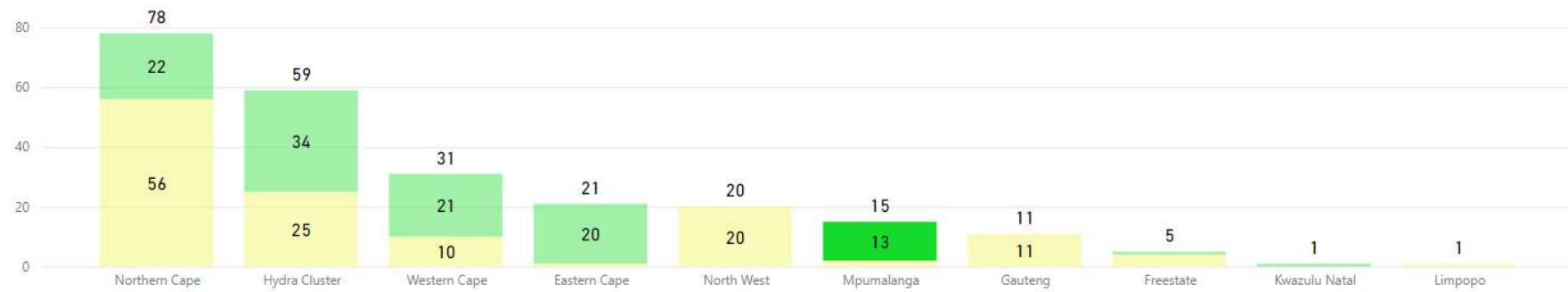
Mpumalanga - Wind

Area of interest Cluster and Substation

4. Technology of Plant ● wind



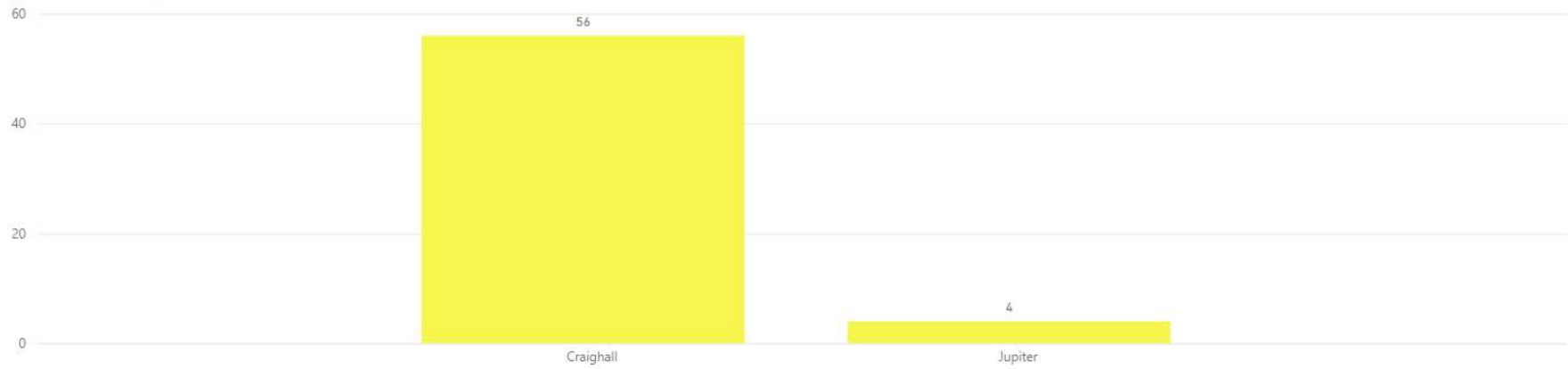
4. Technology of Plant ● pv ● wind



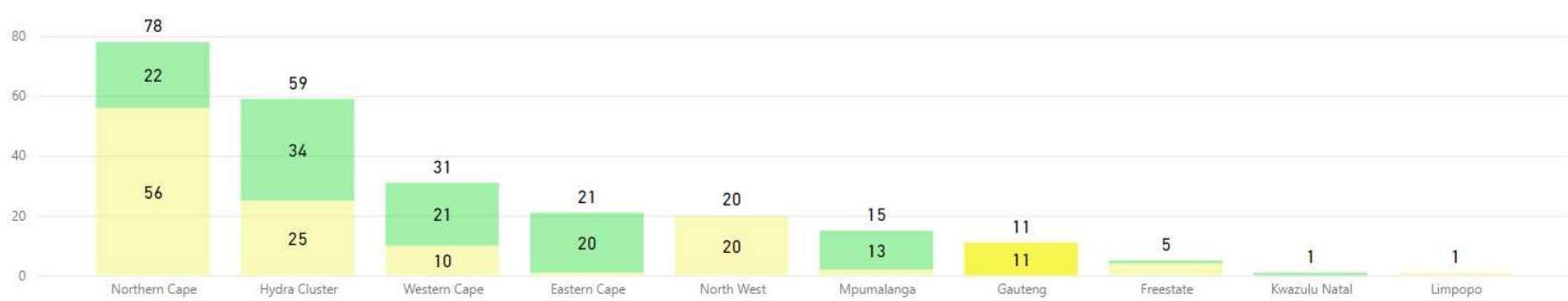
Gauteng - PV

Area of interest Cluster and Substation

4. Technology of Plant ● pv

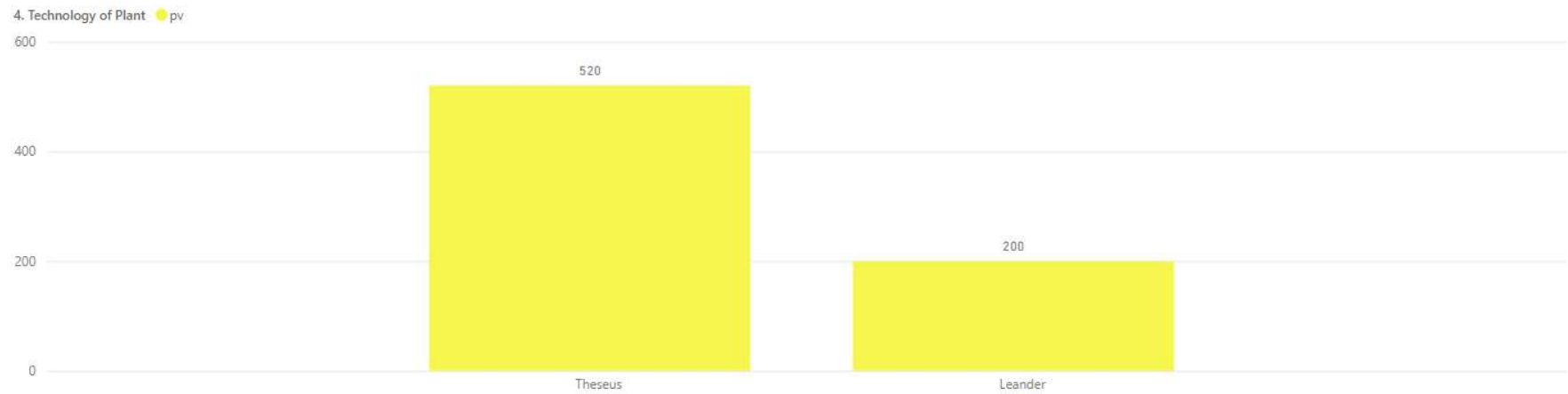


4. Technology of Plant ● pv ● wind



Free State - PV

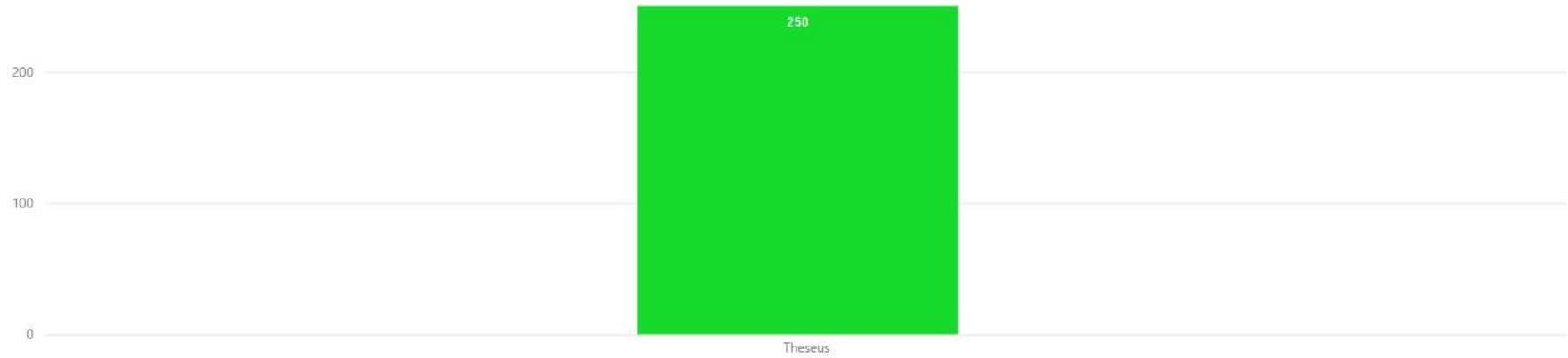
Area of interest Cluster and Substation



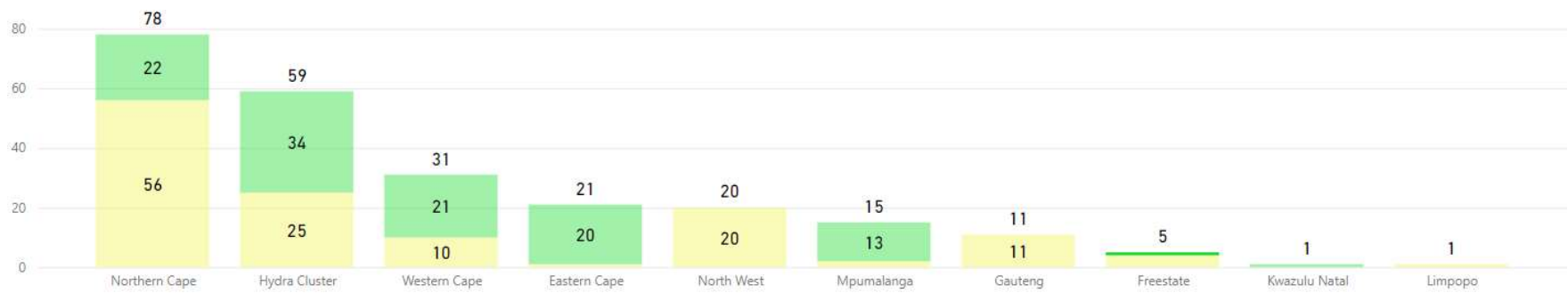
Free State - Wind

Area of interest Cluster and Substation

4. Technology of Plant ● wind



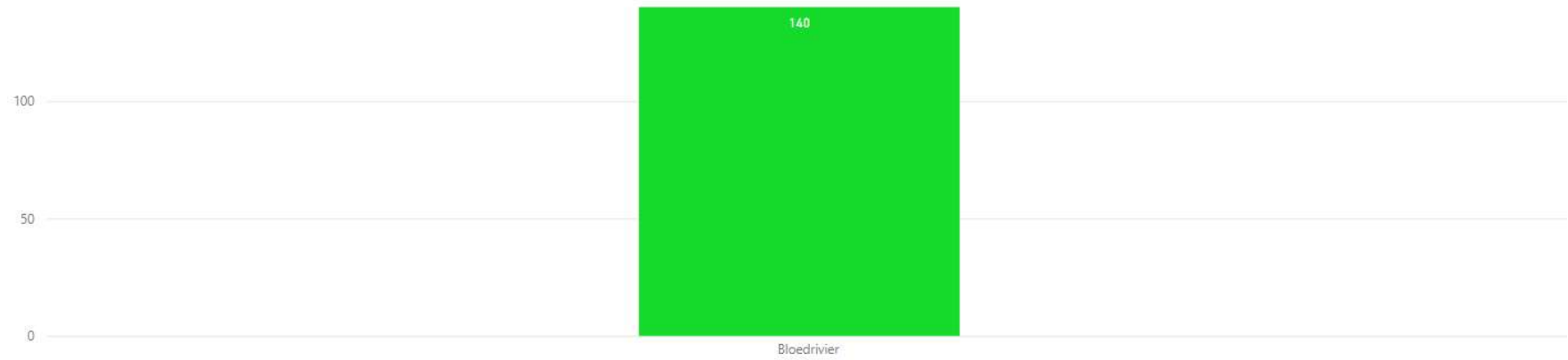
4. Technology of Plant ● pv ● wind



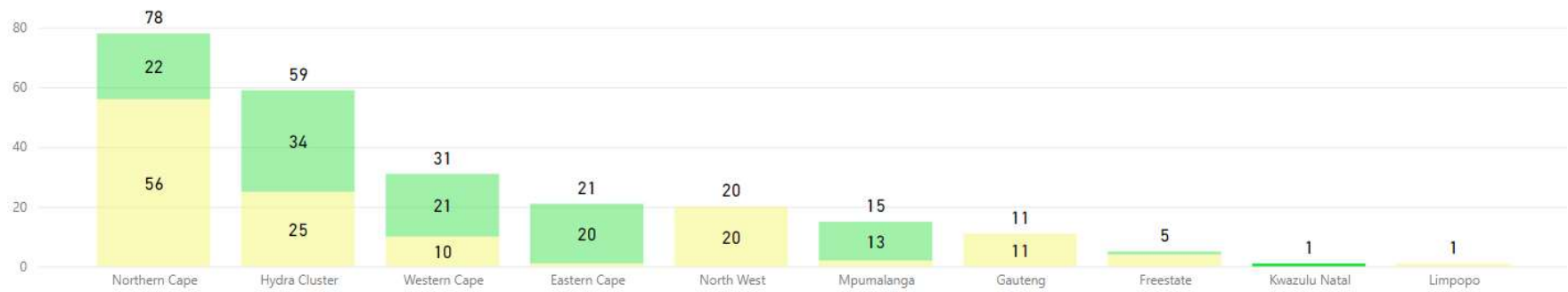
KwaZulu Natal - Wind

Area of interest Cluster and Substation

4. Technology of Plant ● wind

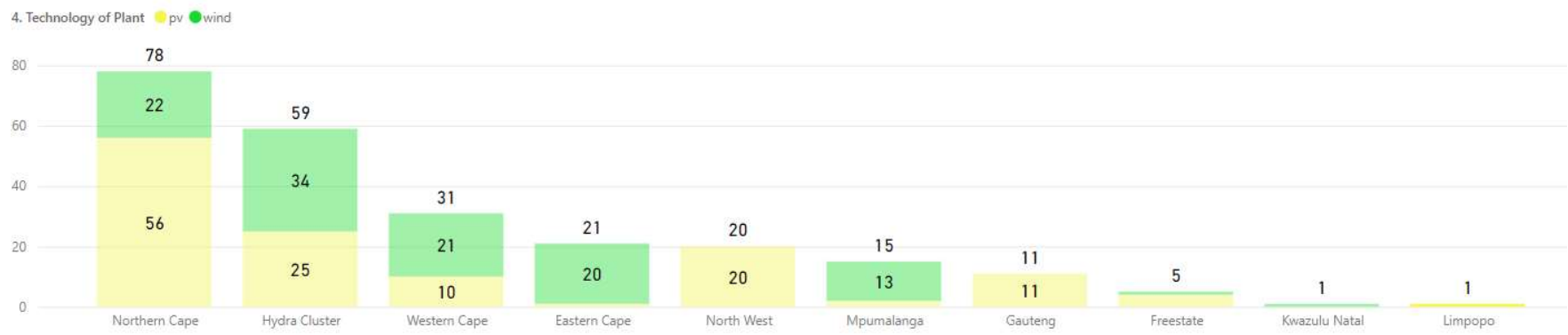
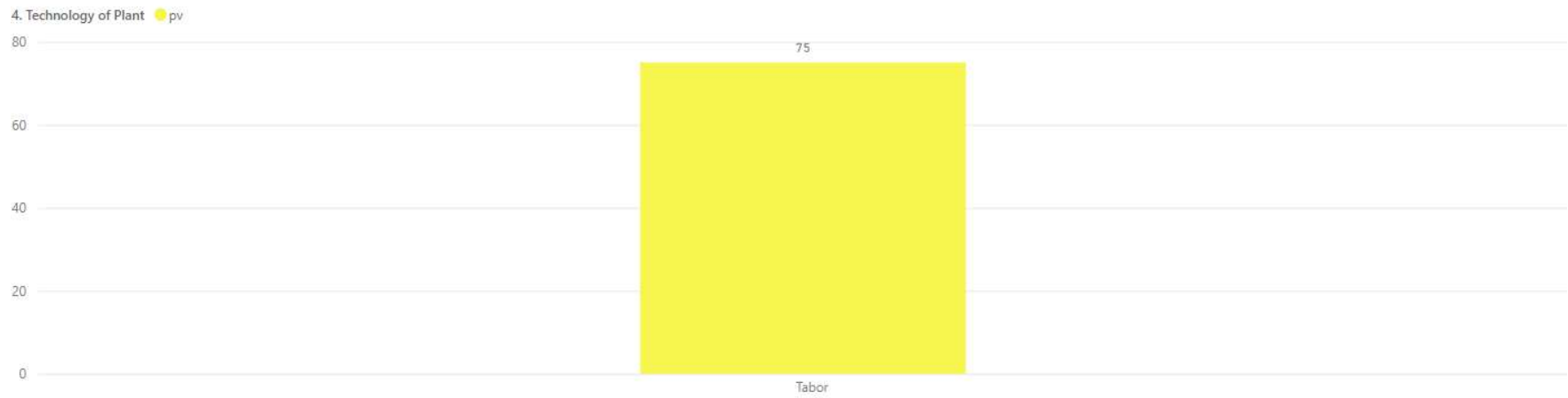


4. Technology of Plant ● pv ● wind



Limpopo - PV

Area of interest Cluster and Substation



Annexure - Survey Details

Developed by

Gayle Mc Lennan <gayle@cubefivestudio.com>

Sanjian Malapermal <MalapeS@eskom.co.za>

<https://www.cubefivestudio.com/futuregrid-survey/>

Launched 28/02/2022 –

Close of data collection 1/04/2022

Survey content

FutureGrid Survey

Fields marked with an * are required

1. Name of Association *

SAWEA

SAPVIA

SAIPPA

IPP Stakeholder

2. Program *

Department of Mineral Resources and Energy (DMRE)

Private Off-taker

3. Plant Embedded *

Yes

No

Not Applicable

4. Technology of Plant *

Wind

PV

CSP

Gas

Small Hydra

Biomass

Other

5. Size of Plant (MWac) *

Example: 70/140/50

6. Location of Plant (Google Map)

Location of Plant (Address) *

Coordinates (Lat/Long) *

Latitude

Longitude

7. Preferred Point of Dx / Tx Access *

Transmission

Distribution

Municipality

Internal Own Use

8. Proposed Year of Connection – Grid Connection *

MM/YYYY

9. Environmental Progress *

EAP Appointed

Specialist Studies Commenced

Formal Basic Assessment / Environmental Impact

Assessment Commenced

Environmental Authorisation Issued

Appeal Period Concluded

None of the above

10. Environmental Approvals *

EIA Approved

Current Application

Future Application

Record of Decision Approved

Env Impact Report Approved

Not Sure

11. EIA Ref No. (where available) *

Example: (N/A)

12. Current Project Status *

Type A

Type B

Type C

Type A: Project is at an Advanced Development Level.

Environmental Approval/ Record of Decision (ROD) has been granted (contributor willing to provide application reference number). The site measurement campaign and feasibility work has been completed. PPA signed or close to signature/or project would be ready to bid into the nearest REIPPP round. Projects in this category would be able to reach COD within 3 years if granted a grid connection by Eskom immediately.

Type B: Project is Under Development.

Draft EIR (Environmental Impact Report) submitted or Basic Assessment report submitted (willing to provide EIA application reference number). Bird and bat monitoring already progressed (Wind only). Feasibility studies and layout are advanced or completed. Project off-taker or intended off-taker not yet finalized but in progress. Measurement campaign completed (or near completion) for 12 months. Projects in this category would be able to reach COD within 5 years if granted a grid connection by Eskom Immediately.

Type C: Project is in Early stage of Development.

Projects in this category are still in feasibility/prefeasibility stage. Bird and bat monitoring about to begin (Wind only). Measurement campaign in progress. Developer has however identified an off-taker in the area or has interest in developing a Solar or Wind project in the area without an off-taker. Developer sees potential for future development in this area and intends commissioning feasibility studies and EIAs. Projects could reach COD within 5-7 years.

13. Contributor – Company *

Example: ABC (Pty) Ltd

14. Contributor – Company Representative *

Name, Surname

15. Contributor – Telephone *

16. Contributor – Email *

Disclaimer Acceptance *

All information furnished by the contributor in the said survey is deemed to be true, reflective and complete in all material respects and omissions herein shall not be misleading.

Contributors may be contacted by Eskom to verify inputs.

I accept that the information supplied be used for the purposes of executing and/or planning.

Read our Terms & Conditions.