Western Cape Government

FOR YOU

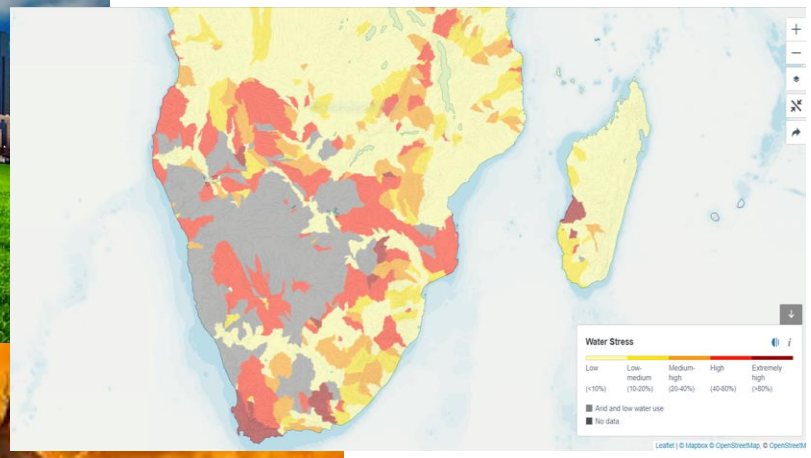
Department of Local Government

AD-HOC COMMITTEE ON ENERGY CRISIS

Funding Allocations to Central Karoo District Mun and other Local Municipalities

27 September 2023

A changing Reality …. Impacting Service Delivery



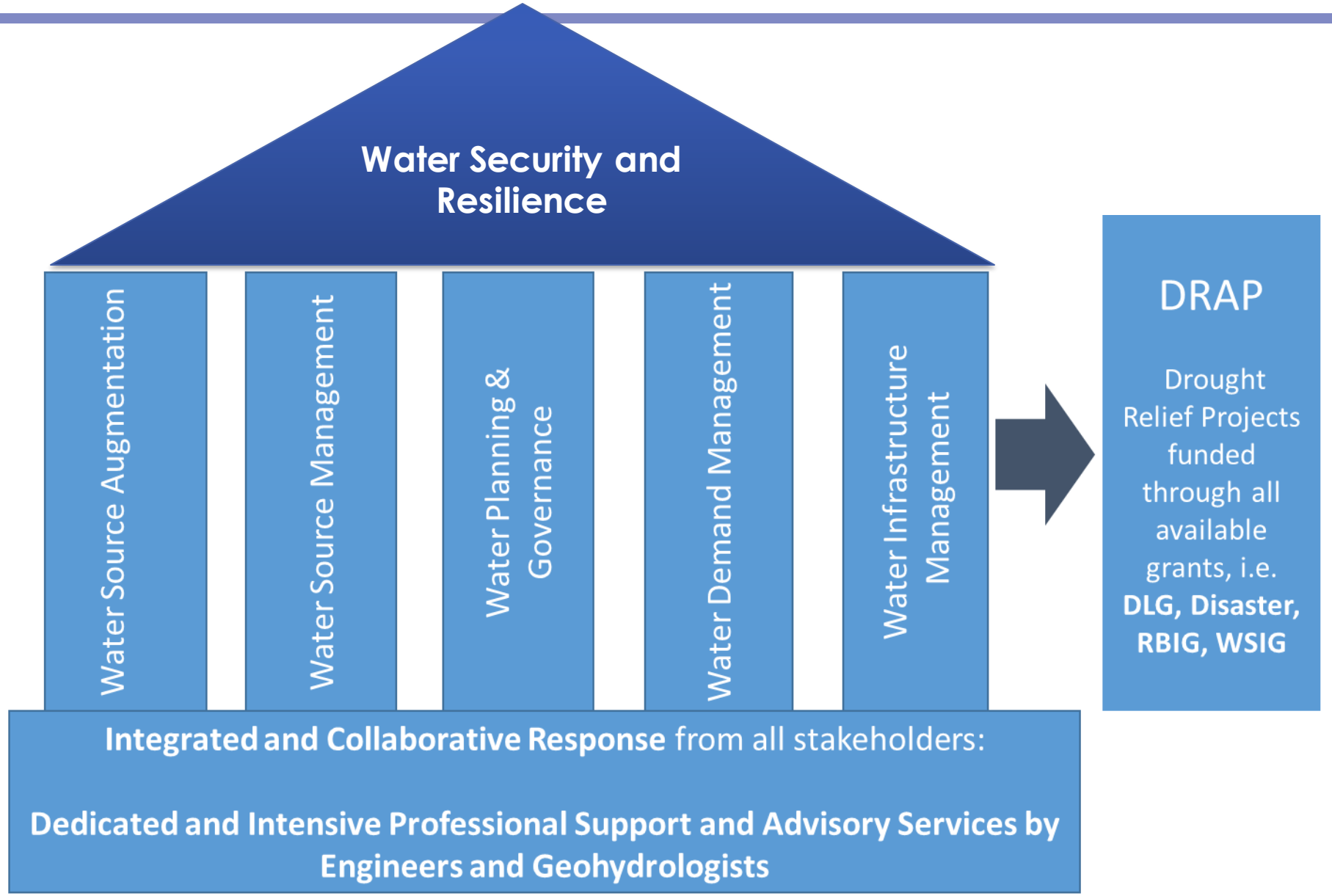
Dedicated DLG History:

Design of a Responsive Plan to address Water Shortages

2017/2018 to date

Western Cape Government

Drought Response Plan … Holistic Approach



Drought Response Plan: Governance Arrangements

Administrative/Operational Steering Committee

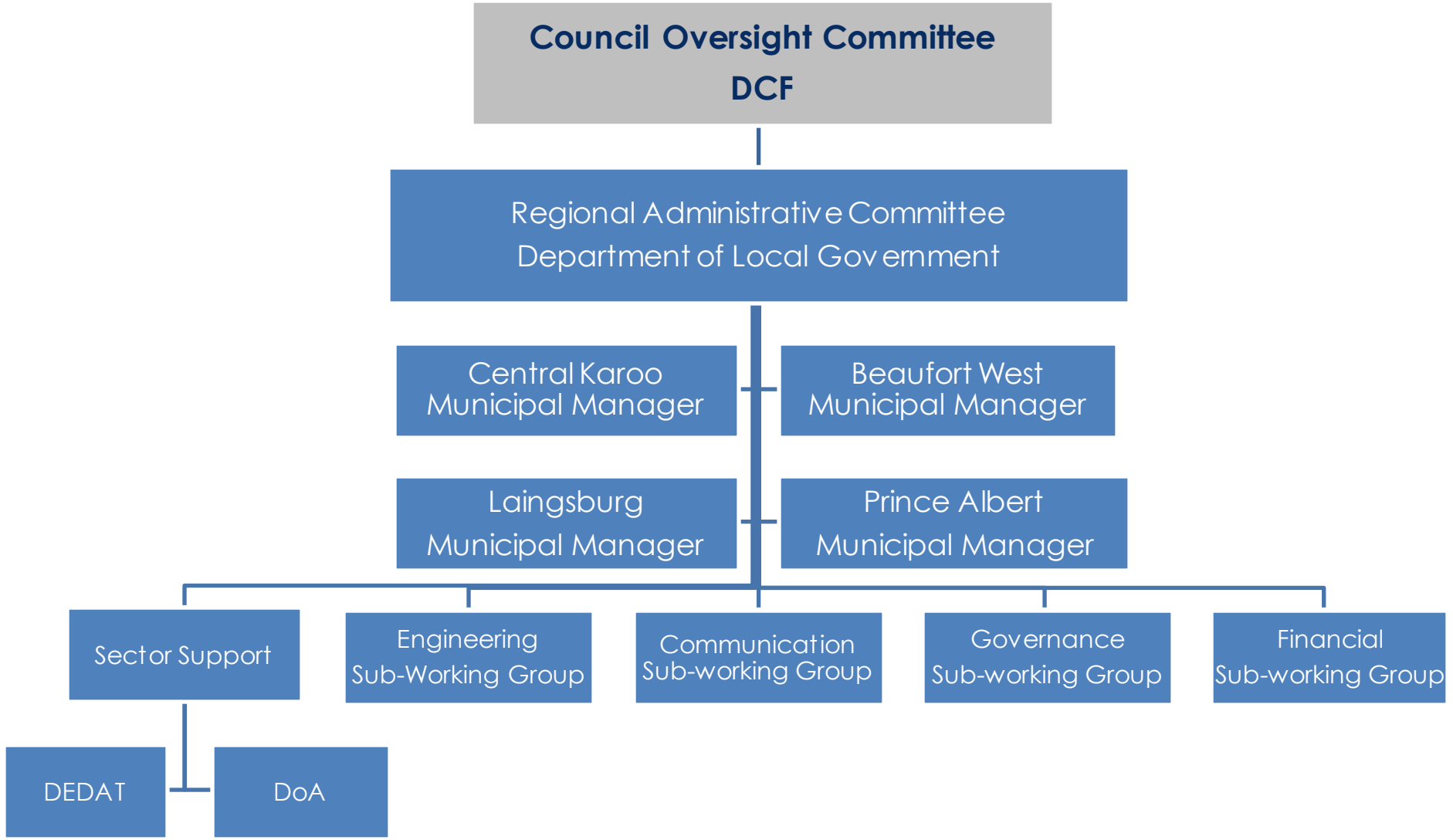
- The Regional Administrative Committee will be responsible for the Coordination and Management of the identified actions

- The Regional Administrative Committee will consist of the following key officials:
  - Department of Local Government (Lead)
    - Geo-hydrologists
  - Central Karoo District Municipality and Local Municipalities
    - Municipal Managers or representative
  - Department of Economic Development and Tourism
  - Department of Agriculture
  - National Department of Water and Sanitation

Initial focus on the Central Karoo – later expanded too the Greater Karoo

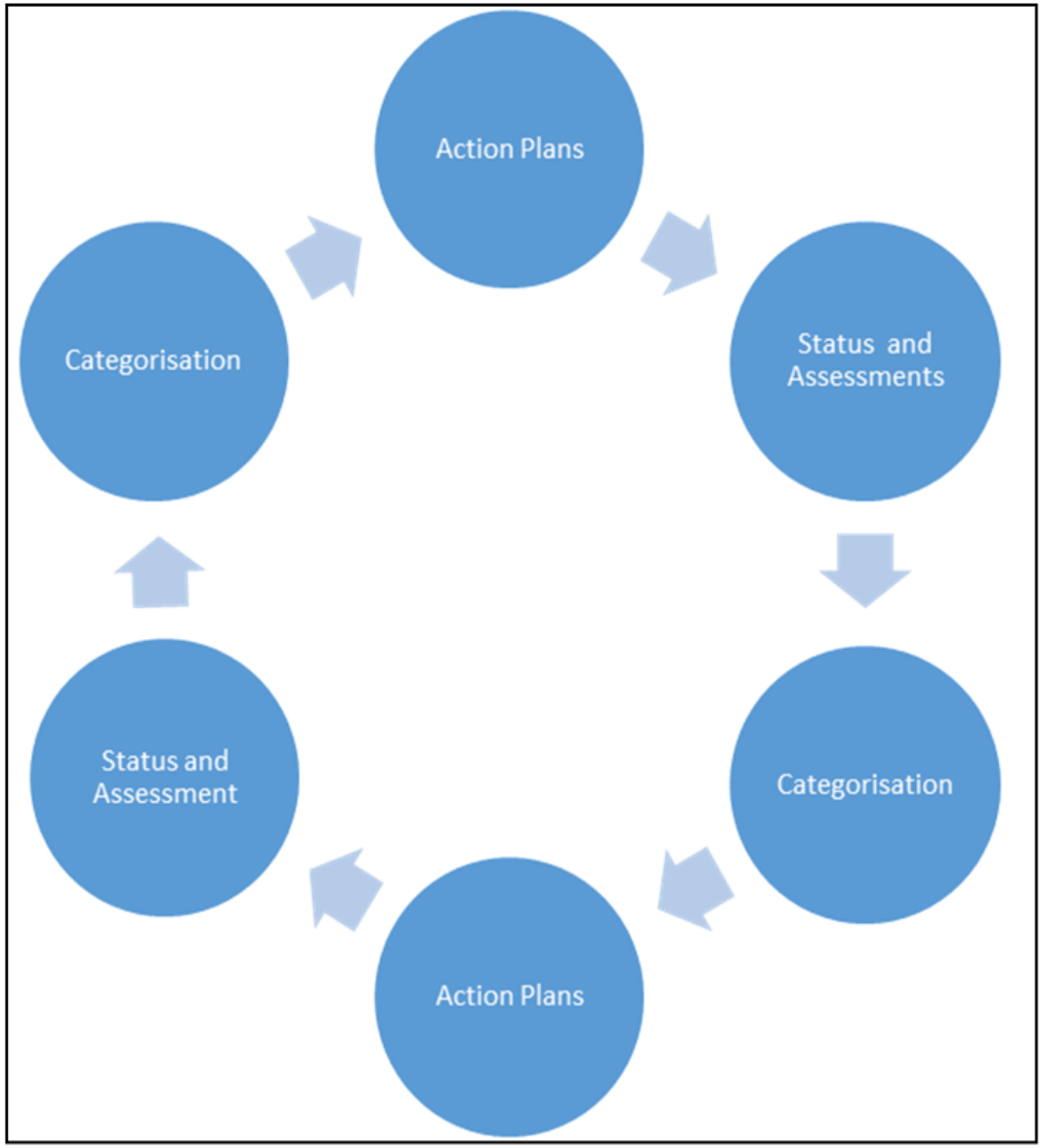
- The committee met on a monthly basis
- The committee reported to the Council Oversight Committee : DCF

Governance Arrangements (2)



DRAP Methodology…

- Bi-Annual Assessments
- Consultation through Governance Structure
- Risk Categorisation
- Development of Action Plans
- Funding application – Allocations
- Business Plans
- Transfer Payment Agreements
- Implementation
- Monitoring, Evaluation and Support
- Close out



Dedicated Funding Allocations: Total per Municipality per Year

Municipality	FY 2017/18 (R in Million)	FY 2018/19 (R in Million)	FY 2019/20 (R in Million)	FY 2020/21 (R in Million)	FY 2021/22 (R in Million)	FY 2022/23 (R in Million)	FY 2023/2024 (R in Million)
Central Karoo District	-	-	0.815	0.250	1.000	-	-
Beaufort West	5.300	3.663	9.500	0.600	1.600	-	4,350
Prince Albert	2.000	-	8.450	1.818	1.250	-	3.512
Laingsburg	7.300	1.500	6.100	1.200	-	-	4.150
Total Central Karoo	**14.600**	**5.163**	**24.865**	**3.868**	**3.850**	**-**	**12,012**
Total for Province	**105.710**	**8.408**	**43.556**	**12.518**	**4.301**	**5,400**	**29.012**
% Central Karoo of Province	**13.81**	**61.41**	**57.09**	**30.90**	**89.51**	**0**	**41.40**

Project Allocation: Beaufort West Municipality

Project Scope	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2023/24
New Pipeline to Kleinhans River Pump Station	1.300	-	-	-	-	
Equipping of three (3) existing boreholes incl. telemetric systems	2.000	-	-	-	-	
Equipping the fracking exploratory borehole and coupling it to the existing bulk water pipeline (0.58 Ml/d)	2.000	-	-	-	-	
Leak detection & repair of water meters	-	1.750	-	-	-	
Test, equip and connect of boreholes / reservoirs	-	1.993	-	-	-	
Leak detection & repair of water meters	-	-	3.250	-	-	
Test, equip and connect of boreholes	-	-	6.250	-	-	
Emergency provision of generators to serve as emergency back-up electricity during load shedding for the WTW	-	-	-	0.600	-	
Merweville - Drilling, testing and equipping of new boreholes - phase 2	-	-	--	-	1.600	
Repairs to vandalized Switchgear for critical boreholes						2,850
New Telemetric System (Phase 1 of 3. 10 x boreholes per phase)						1,500
	5.300	**3.663**	**9.500**	**0.600**	**1.600**	**4,350**

Project Allocation: Prince Albert Municipality

Project Scope	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2023/24
Bulk Water Augmentation	2.000	-	-	-	-	
Borehole monitoring equipment and security	-	-	2.050	-	-	
Phase 1: Refurbish Iron Removal Plant – treatment of groundwater	-	-	1.500	-	-	
Installation of water management devices	-	-	1.000	-	-	
Equipping of boreholes in Leeu Gamka	-	-	2.400	-	-	
Klaarstroom WWTW / Re-use	-	-	1.500	-	-	
Phase 2: Refurbish Iron Removal Plant	-	-	-	1.300	-	
Provision of generators to serve as emergency back-up electricity in Prince Albert – four (4) in total	-	-	-	0.518	-	
New Abstraction Weir Phase 1 and drilling of new boreholes to replace flood damaged boreholes	-	-	-	-	1.250	
Artificial Recharge of Aquifer: Recharging of the groundwater source artificially for abstraction during dry season						1,312
Constructing flood protection to secure production boreholes and existing Pipeline in River						2,200
	7.300	**-**	**8.450**	**1.818**	**1.250**	**3,512**

DRAP Allocation: Laingsburg Municipality

Project Scope	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2023/24
Borehole Pump for existing borehole in Matjiesfontein and Eskom connection	1.900	-	-	-	-	
Zoutkloof Spring Rehabilitation	1.700	-	-	-	-	
Bulk Pipeline between the Zoutkloof Spring and existing main reservoir	3.700	-	-	-	-	
Equipping and boreholes and installation/ replacement of water meters	-	1.500	-	-	-	
Drilling, testing, equipping of boreholes: Zoutkloof and in Buffelsriver	-	-	2.000	-	-	
Installation of Smart Water Meters incl. water management devices	-	-	1.500	-	-	
Construction of Laingsburg Reservoir	-	-	2.600	-	-	
Provision of three (3) emergency back-up electricity generators in Laingsburg	-	-	-	0.400	-	
Construction of booster pump and pressure tower for Goldnerville and Acacia	-	-	-	0.800	-	
Drilling and equipping of boreholes & backup power supply						4,150
	7.300	**1.500**	**6.100**	**1.200**	**-**	**4,150**

Specific Project allocation which includes backup generation

Project Scope	Total Generators	Beaufort West 2020/21	Laingsburg 2020/21	Prince Albert 2020/21	Laingsburg 2023/24
Beaufort West Water Treatment Works emergency back-up electricity	1	600,000			
Laingsburg Supply and Install three (3) generators	3		400,000		
Prince Albert Supply and Install four (4) Standby Generators	4			518,000	
Laingsburg Drilling and equipping of boreholes & two (2) backup power supply	2				4,150,000
Total Generators funded in the CKDM	10				

Note: Additional back-up power supply created in the area

DRAP in Action … (1)

Water Infrastructure Management:

- Optimize Water Treatment
- Iron Removal Plant
- Bulk water pipelines

Dorps River Furrow Inlet

Water Source Management

- Sustainable ground water abstraction
- Spring rehabilitation
- Skills transfer

Prince Albert Iron Removal Plant

DRAP (2)

Water Source Management

- Sustainable ground water abstraction
- Apply for Water Use Licence (WULA)
- Installation of data loggers & Telemetry
- Groundwater management plans
- Skills transfer

Drilling Borehole at Merwev ille

Telemetry System Upgrade (Beaufort West)

Inspection of existing boreholes

Western Cape Government

DRAP (3)

Water Savings Campaign in response to declining dam levels targeting all WC residents.

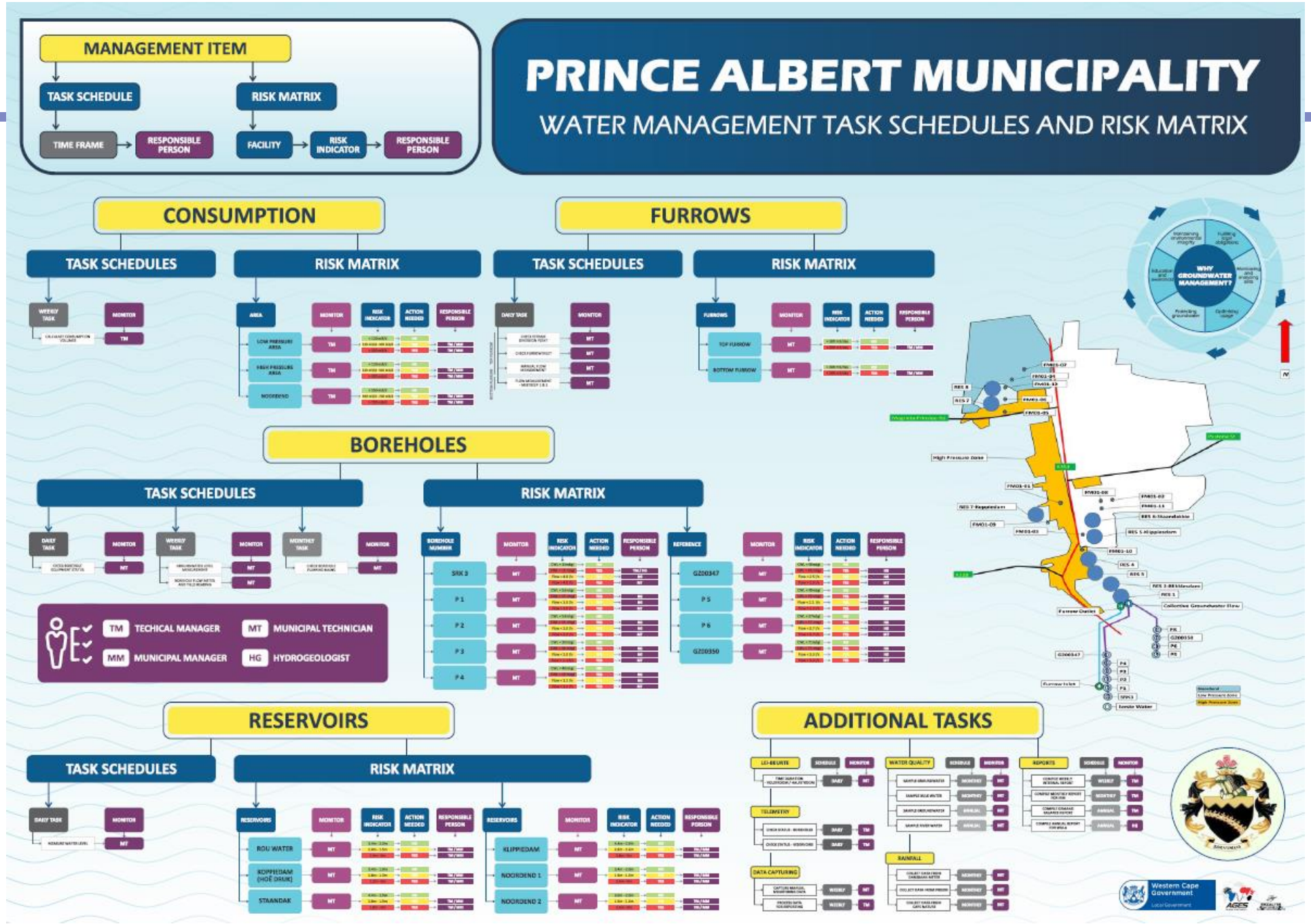
- Boosted social media – Dark posts & Facebook and Instagram adverts
- Radio live reads on National, Regional and Local stations
- Print flyers & posters, sticker and Door hangers
- Activations and OBs in identified munics.

Contributing Factors…

- The **Effective Implementation of the DRAP program** during the "day zero" drought response across the Western Cape Province (WCP), contributed and assisted that not a single town was without potable water for a prolonged period of time:

  - Successfully mobilized and managed multiple partners and stakeholders
  - Secured additional funding to assist municipalities with the construction, procurement or refurbishment of assets to aid demand and control management strategies.
  - Established and mobilized a specialist team of engineers, project managers and other skills in the Department (DLG); that assisted with valuable guidance and advice.
  - Ensured good communication lines within multiple supporting programs i.e. Drought Communication Campaign.

Ongoing … as part of the 15-year Water Resilience Programme


MANAGEMENT ITEM
TASK SCHEDULE
TIME FRAME
RESPONSIBLE PERSON
RISK MATRIX
FACILITY
RISK INDICATOR
RESPONSIBLE PERSON
PRINCE ALBERT MUNICIPALITY
WATER MANAGEMENT TASK SCHEDULES AND RISK MATRIX
CONSUMPTION
TASK SCHEDULES
RISK MATRIX
FURROWS
TASK SCHEDULES
RISK MATRIX
BOREHOLES
TASK SCHEDULES
RISK MATRIX
TM TECHICAL MANAGER
MT MUNICIPAL TECHNICIAN
MM MUNICIPAL MANAGER
HG HYDROGEOLOGIST
RESERVOIRS
TASK SCHEDULES
RISK MATRIX
ADDITIONAL TASKS
WHY GROUNDWATER MANAGEMENT?

Emergency Load Shedding Relief Support - 2022/2023

The Reality on the Ground...

MEDIA RELEASE

Major pipe burst causing water supply disruption affecting Pineview North in Grabouw

A major pipe burst occurred around 19:00 yesterday (Friday 06 January 2023) along Mint Street in Pineview North, Grabouw.

Sewage spills force temporary closure of some Cape Town beaches

news24 Marvin Charles

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People sunbathe and swim at the beach.

Xabiso Mkhabela/Anadolu Agency via Getty Images

- As thousands flock to beaches across Cape Town, the City of Cape T more closures due to sewage spills.

FOR SUBSCRIBERS 3h ago

The people rise up: top lawyers, politicians take aim at govt, Eskom as load shedding crisis deepens

news24 Iavan Pijoos and Cebelihle Mthethwa

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15 Jan

President Ramaphosa cancels trip to World Economic Forum as load shedding crisis deepens

news24 Iavan Pijoos

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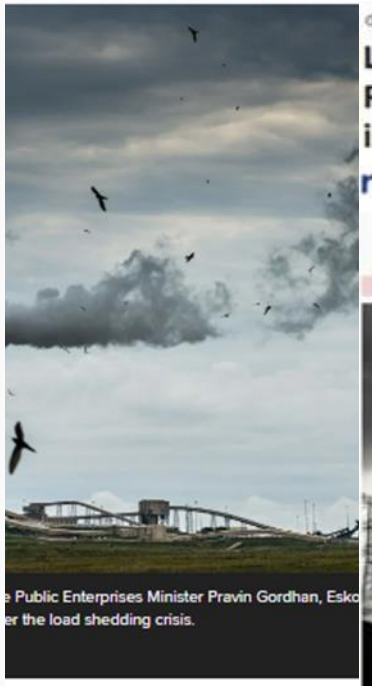
President Cyril Ramaphosa has cancelled his trip to the WEF.

Alfonso Nqunjana

- President Cyril Ramaphosa has cancelled his "working trip" to the World Economic Forum's feature gathering in Davos, Switzerland.
- His spokesperson Vincent Magwenya said Ramaphosa has convened a meeting with leaders of political parties, NECCOM and the Eskom board.
- This after Eskom announced last Wednesday that Stage 6 load shedding would run continuously until further notice.

President Cyril Ramaphosa has cancelled his "working trip" to the World Economic Forum's (WEF) gathering in Davos, Switzerland.



e Public Enterprises Minister Pravin Gordhan, Esko er the load shedding crisis.

17 Dec 2022

Load shedding threatens City of Cape Town's R800m investment in electricity infrastructure

news24 Nicole McCain

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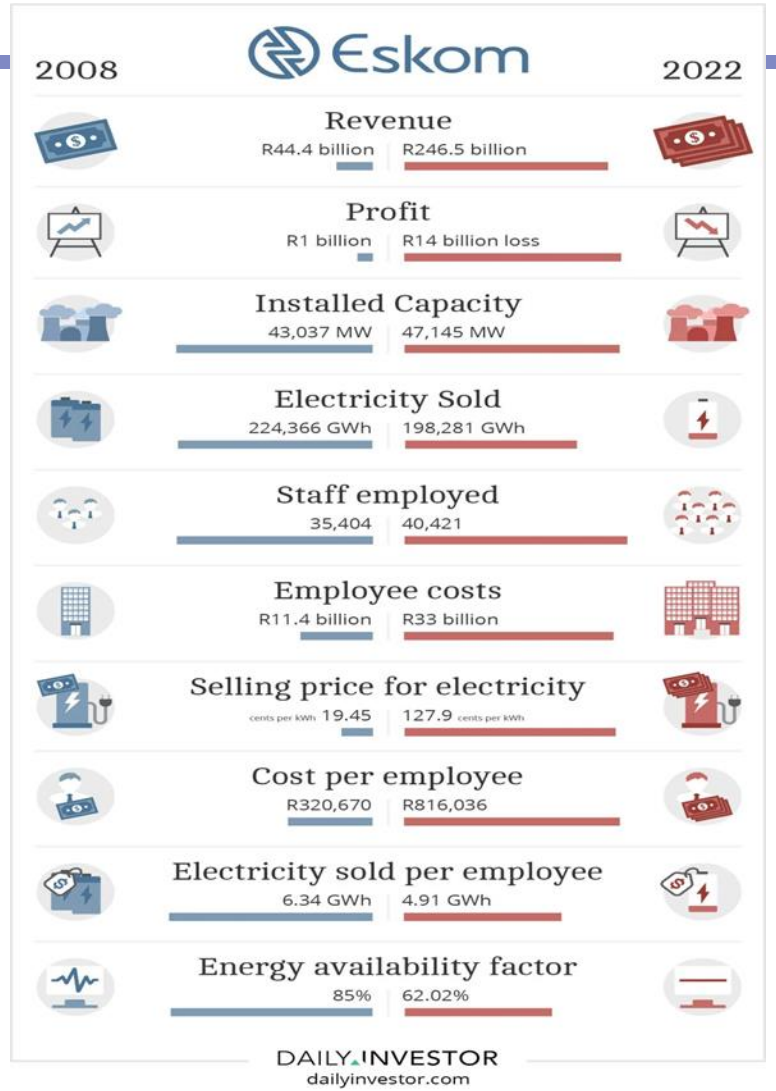
The City of Cape Town said high levels of load shedding could put an R800 million investment in electricity infrastructure in Cape Town at risk.

Getty Images

Western Cape Government

Energy… an escalating crisis in SA

- This is **not a simple crisis** to resolve
- The situation will **not be resolved quickly**
- The solutions lie in a **complete overhaul of the power sector**, which is underway – incl unbundling of Eskom & increasing diversification & decentralisation
- The regulatory, process & other **changes needed are radical** & are happening **unprecedented rate**



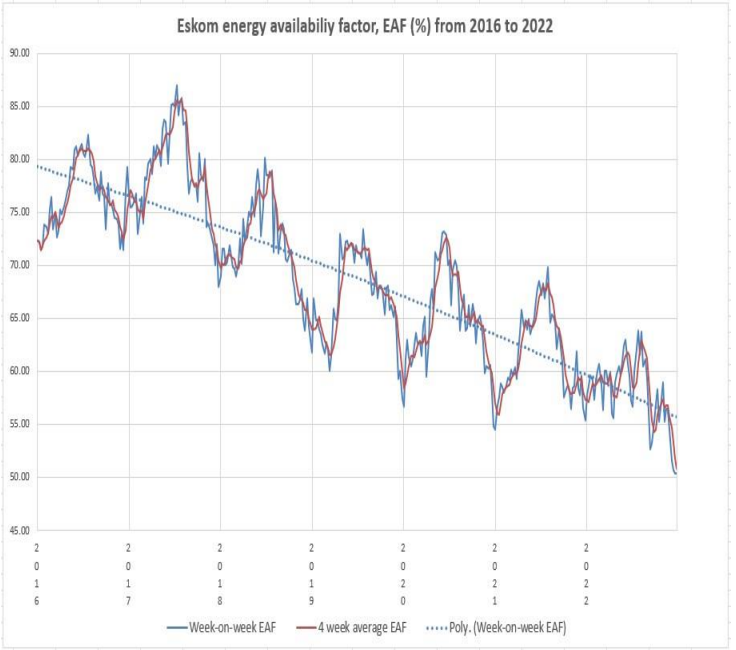
SA context: Eskom outlook

1. The 52-week outlook re likely risk scenario remains bleak -> indicates at **very least stage 2 loadshedding from Apr-Sep 2023**.
2. Given the age of plant, unplanned breakdowns, sabotage incidents and strike action there **may be higher incident of likely risk scenario** materialising i.e. stage 4 and higher
3. **Koeberg maintenance:** Unit 1 currently under refuelling and maintenance expected online in June 2023 and then unit 2 from September 2023 to February (each unit provides 920 MW equiv to almost 1 stage load shedding of 1000MW).
4. Decommissioning and repurposing Camden and Hendrina power stations will remove 3,600 MW of coal-fired power generation from the grid over a three-year period.
5. Eskom to focus on 6 underperforming power stations (likely to include Medupi and Kusile, Kendal, Tutuka and Majuba).
6. **Current** energy availability factor (EAF) – **52.76%** (annual avg = 51.33%; 2022 avg 58.01%). **Required EAF** for grid stability of current network: **70% & 75%**

Week Start	Week	MW Planned Risk Level (-15200 MW)	MW Likely Risk Senario (-16700 MW)
23-Jan-23	4		
30-Jan-23	5		
06-Feb-23	6		
13-Feb-23	7		
20-Feb-23	8		
27-Feb-23	9		
06-Mar-23	10		
13-Mar-23	11		
20-Mar-23	12		
27-Mar-23	13		
03-Apr-23	14		
10-Apr-23	15		
17-Apr-23	16		
24-Apr-23	17		
01-May-23	18		
08-May-23	19		
15-May-23	20		
22-May-23	21		
29-May-23	22		
05-Jun-23	23		
12-Jun-23	24		
19-Jun-23	25		
26-Jun-23	26		
03-Jul-23	27		
10-Jul-23	28		
17-Jul-23	29		
24-Jul-23	30		
31-Jul-23	31		
07-Aug-23	32		
14-Aug-23	33		
21-Aug-23	34		
28-Aug-23	35		
04-Sep-23	36		
11-Sep-23	37		
18-Sep-23	38		
25-Sep-23	39		
02-Oct-23	40		
09-Oct-23	41		
16-Oct-23	42		
23-Oct-23	43		
30-Oct-23	44		
06-Nov-23	45		
13-Nov-23	46		
20-Nov-23	47		
27-Nov-23	48		
04-Dec-23	49		
11-Dec-23	50		
18-Dec-23	51		
25-Dec-23	52		
01-Jan-24	1		
08-Jan-24	2		
15-Jan-24	3		
22-Jan-24	4		

Risk Level	Description
Green	Adequate Generation to meet Demand and Reserves.
Yellow	< 1 000MW Possibly short to meet Reserves
Orange	1 001MW – 2 000MW Definitively short to meet Reserves and possibly Demand
Red	> 2 001MW Short to meet Demand and Reserves

Given the current state of load shedding, the outlooks seem to have become less reliable.



Eskom outlook 23 January 2023

Evidence led proposal …

- The purpose of the **Provincial Strategy** is to mitigate the impact of loadshedding:
  - provide context to the impact of loadshedding on municipalities and the extended Province
  - propose solutions and mitigation measures
  - **Goal**: for the WC to become an independent power producer

Short-term, Medium-term and Long-term Response:

(Stabilization to Sustainability)

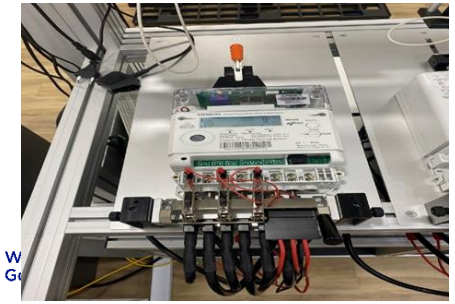
- Electricity Demand
- Electricity Supply
- Management Strategies

Electricity Demand Options …

Municipalities

Smart Meters

Electrical devices installed at premises that measure, store and transmit information – automatic update to the municipal system

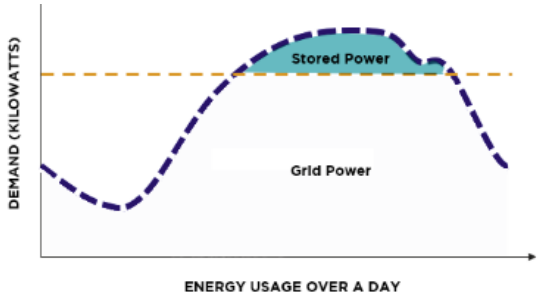


Ripple Control Devices

Remote control of electricity supply to appliances used by consumers
e.g., automatic switch on and off of geysers

Management of demand and businesses

Tracking and manage usage by big business (load shifting during peak to assist with generating savings)



Energy Efficiency Gadgets

Household devices to reduce demand by functioning off the grid and/or are able to function during loadshedding

Electricity Supply Options…

Province and Municipalities

Generators & Diesel

Secure back-up supply for critical infrastructure components

- Water Treatment Works
- Water Pump Stations
- Wastewater Treatment Works
- Wastewater Pump Stations

Isolate and By-pass infrastructure

Isolation

Infrastructure is isolated from the main grid via a dedicated mini-substation or transformer that will only service that point

By-passing

Create a dedicated connection line from existing substation or transformer

Green Energy

- Solar Energy
- Battery Storage
- Wind Energy
- Waste to Energy
- Landfill Gas

Expand Existing Supply

Independent Power Production

- Private participation in power supply
- This can bring additional finance and harness international expertise
- Can be incorporated alongside state-owned generation

Partnership with Eskom

- Refurbish old power stations for WC use
- Upgrading and constructing electrical networks

Partnership with the Private Sector

- Identify and Engage with private producers with access energy
- Possible PPP

Escalating Impact on Municipal Services

- **Municipalities have been struggling to provide uninterrupted water and sanitation services as required by Schedule 4(B) of the Constitution.**
  - This mandate is being compromised causing communities, business and medical facilities to express dissatisfaction with the failure to provide quality services
- **DLG is the first port of call of many disgruntled citizens and commercial business.**
  - Mayors, Municipal Managers and municipal officials haven also express discontent.
  - In many instances reaching a boiling point.
- **Technical challenges being experienced by ESKOM:**
  - Sub-stations not being able to close breakers at sub stations at the end of load shedding – need to be undertaken by hand to find that fuses have melted
- **End result: More strain on municipal services.**

Greatest Risk: Continued Water and Sanitation Services

The impact of prolonged loadshedding includes the following: (Practical Implications)

Water	Sanitation
• Municipalities not be able to ensure the continuous provision of potable water to communities and citizens, which will severely impact the livelihoods and safety of people. 	• Municipalities unable to ensure that wastewater is treated to the required standard. o This may lead to pollution in rivers, oceans and underground water sources. o It will further result that downstream users are unable to abstract water from rivers for domestic & agricultural use. • A second risk is associated to potential spillage from pumpstations : Environmental Pollution

Immediate Response by DLG…

- **DLG liaise with ESKOM :**
  - Obtain details of outages and repairs and communicate with disgruntled and frustrated municipalities, citizens and businesses
  - Negotiate to prioritise areas to be repaired & deploy DLG engineers to assist municipalities
  - Secure technical support from municipalities to provide equipment to assist Eskom
- **Securing back-up generators:**
  - Approach National Departments, Provincial Departments, Municipalities and the Private Sector to supplement energy
- **Support from the private sector:**
  - **COKE**: Provide potable and bottled drinking water
  - **Big Farmers**: Tankers with potable water
  - **Factories**: Avail technical support

Generator has arrive thank you

Motivation/Research: Emergency Response - Generators

- **The Provincial Government, The Department must support and strengthen the capacity of Municipalities**. (Section 154 of the Constitution)
- **Several actions are being undertaken by DLG to support municipalities**
  - Technical advisory services
  - Deployment of engineers to assist municipalities on a semi-permanent basis
  - Deployment of engineers to undertake status assessments and develop action plans, in collaboration with the District and other stakeholders
  - Assessment of key installations & Facilitation of partnerships
- **Provincial Strategy adopted to address the following:**
  - Demand Management
  - Supply Management
  - Management Strategies

Based on interventions by DLG and experiences on the ground– Generators urgently required.

Total Amount Requested in terms of Section 25 of the PFMA

Due Diligence:

- **All Municipalities have compiled generic or technical scope of works in relation to the acquisition of generators**
    - DLG engineers to assist
- **Funding will be transferred to municipalities with conditions.**
    - To be managed by DLG via a signed TPA
- **Receiving municipality will be responsible for establishment, installation, testing, operations, diesel.**

R88,815 million

Section 25 of the PFMA

Allocations based on:

- Local conditions
- Critical infrastructure requirements
- Existing resident capacity

Allocations to Local Municipalities

- DLG undertook operational and technical assessments at all municipalities to identify the **most strategic and critical potable water supply and domestic waste-water disposal installations.**
  - Consultation with MMs and Technical Directors
- **Municipalities identified and registered their own needs** with associated funding to procure generations to supplement energy to these installations – local conditions specific
- Criteria developed and applied

Approved for Transfer

Local Municipality	Total Allocation (R)
Swartland	10,945,000
Matzikama	1,050,000
Cederberg	1,600,000
Bergrivier	3,600,000
Saldanha Bay	2,950,000
Witzenberg	475,000
Drakenstein	6,000,000
Stellenbosch	6,175,000
Breede Valley	950,000
Langeberg	350,000
Theewaterskloof	1,800,000
Overstrand	6,700,000
Cape Agulhas	350,000
Swellendam	1,360,000
Kannaland	1,075,000
Hessequa	3,800,000
Mossel Bay	5,000,000
George	14,220,000
Oudtshoorn	4,665,000
Bitou	5,600,000
Kynsna	2,400,000
Beaufort West	1,115,000
Laingsburg	60,000
Prince Albert	175,000
Sub-total	**R82,415,000**

Allocations to District Municipalities

- **Not all water and wastewater installations in local municipalities have been considered in the proposal - focus on strategic and key installations.**
- **Logical conclusion is that minimum roaming back-up generators be kept by District Municipalities in the event of emergency situations.**
- **The District (asset owner) will be responsible for all maintenance and transport costs, while the using municipality will fund the diesel**
  - MOA to be entered into between Districts and Locals to guide this arrangement
- Based on trends that have emerged and consultations **– roaming generators are proposed for municipalities.**

District Municipality	Total Allocation (R)
West Coast	1,900,000
Cape Winelands	950,000
Overberg	1,600,000
Garden Route	1,600,000
Central Karoo	350,000

Approved for Transfer

Government

DLG Loadshedding Relief Grant: Roll over Request

Western Cape Government

Current Status … As at 31 August 2023

- The following **twelve (12) municipalities have spent 100%** of their allocation to procure required generators
  - Matzikama
  - Saldanha Bay
  - West Coast
  - Drakenstein
  - Breede Valley
  - Theewaterskloof
  - Cape Agulhas
  - Kannaland
  - Hessequa
  - Oudtshoorn
  - Bitou
  - Beaufort West

Total expenditure of Grant at 31 August 2023 is approximately 55.4% (+- R49.2mil)

- Nine (9) municipalities have awarded their tenders, await delivery and are in various stages on implementation
- Eight (8) municipalities are still in the SCM process

Status of roll-over requests

Municipality	Reason for roll-over	Roll-over application
Cederberg LM	Tender challenges	Applied 14 July 2023 - **Roll-over approved**
Bergrivier LM	Applied for roll-over to acquire additional backup generator	Applied 14 July 2023 - **Roll-over approved**
Swartland LM	Long lead time	Applied 14 July 2023 - **Roll-over approved**
Witzenberg LM	Tender challenges	Applied 14 July 2023 - **Roll-over approved**
Stellenbosch LM	Tender challenges	Applied 14 July 2023 - **Roll-over approved**
Langeberg LM	Tender challenges	Applied 14 July 2023 - **Roll-over approved**
Cape Winelands DM	Tender challenges	Applied 14 July 2023 - **Roll-over approved**
Overstrand LM	Long lead times	Applied 14 July 2023 - **Roll-over approved**
Swellendam LM	Long lead times	Applied 14 July 2023 - **Roll-over approved**
Overberg DM	Long lead times	Applied 14 July 2023 - **Roll-over approved**
Kannaland LM	Applied for roll-over to acquire additional UPS backup	Applied 31 August 2023 - Awaiting Roll-over application outcomes letter
Hessequa LM	Long lead times	Applied 14 July 2023 - **Roll-over approved**
Mossel Bay LM	Long lead times	Applied 14 July 2023 - **Roll-over approved**
George LM	Long lead times	Applied 14 July 2023 - **Roll-over approved**
Garden Route DM	Tender challenges	Applied 14 July 2023 - **Roll-over approved**
Laingsburg LM	Insufficient funding	Applied 14 July 2023 - **Roll-over approved**
Prince Albert LM	Tender challenges	Applied 14 July 2023 - **Roll-over approved**
Central Karoo DM	Long lead times	Applied 31 August 2023 - Awaiting Roll-over application outcomes letter

Central Karoo District Area : Progress and Expenditure to date

Municipality within Central Karoo District Area	Required generator (s)	Project Phase	Comments	Total Allocation (R)	Total Expenditure to date (August 2023)
Central Karoo District	Roaming x1	Tender award	Purchase order compiled. Applied for rollover of funds in the August 2023 process – awaiting approval.	350,000	0,000
Beaufort West	Fixed location x 2	Close-out	Project completed – all generators installed	1,115,000	1,115,000
Prince Albert	Fixed location x 1	Re-Tender	Rollover funding approved. Re-tender: Sept 2023	175,000	0,000
Laingsburg	Fixed location x1	Re-Tender	Rollover funding approved. Re-tender in Sept 2023	60,000	0,000
			Sub-total	**R1,700,000**	**R1,115,000**

Financial assistance to municipalities to ensure effective planning and functioning of municipal electrical infrastructure.

(Electrical Master Plans: 2023/24)

Municipal Energy Planning Support: Electricity Master Plans

- **Electricity Master Plans** assists municipalities with effective planning and functioning of their electrical infrastructure
  - Essential in support of the implementation of renewable energy and energy resilience projects, and to maximise the provision of basic electricity to citizens
  - Prerequisite for effective municipal participation and beneficiation from the Provincial Integrated Energy Resource Plan.

- The planning support involve the development of new or update of Electrical Master Plans (EMPs),
  - **Foundational Studies**: Electrical Cost of Supply Studies (CoSS) for NERSA Approval, Mini-integrated Resource Plans (IRPs) and Renewable Energy Project Development which is required to unlock private sector interest in wheeling as well as for municipal Independent Power Producer (IPP) procurement.

- The municipal energy planning programme has been rolled out according to a structured plan since 2015/2016 and in recent years it's been complemented by the former Municipal Energy Resilience Programme (MER)

Electricity Master Plans – a phased strategy of Implementation

Municipalities	Financial Years								
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
Beaufort West	450,000								600,000
Prince Albert	250,000								400,000
Laingsburg	250,000								
George		730,000							
Kannaland		300,000							
Cape Agulhas		500,000							
Hessequa			600,000						
Cederberg			797,000						
Oudtshoorn				617,000					
Saldanha Bay				452,239					
Swellendam				350,000					
Swellendam					1,000,000				
Knysna					490,000				
Langeberg						770,000			
Bitou						800,000			
Mossel Bay							603,000		
Overstrand							1,000,000		
Saldanha Bay								800,000	
Drakenstein								800,000	
Drakenstein									800,000
Swartland									680,000
Theewaterskloof									500,000
Bergrivier									500,000
Totals	**950,000**	**1,530,000**	**1,397,000**	**1,419,239**	**1,490,000**	**1,570,000**	**1,603,000**	**1,600,000**	**3,480,000**

Electricity Master Plans: Allocations and Current Status

- Four municipalities have been identified for Electrical Master Plan (EMP's) updates in line with the departmental priority list for the 2023/24 Municipal Financial Year :
    - Bergrivier
    - Theewaterskloof
    - Prince Albert
    - Beaufort West
    - Swartland
    - Drakenstein

- **The Gazette with the funding allocations has been drafted once published, funding allocations will be transferred**

Total allocation for Municipal Energy Planning Support: R3,480,000

Thank you