

	<b>CENTRAL EAST CLUSTER OUTCOME BASE CONTRACT</b>	Document Identifier	240-72663051	Rev	1
		Effective Date	01 August 2016	Rev	
		Review Date	October 2027		
		RFI Number	E1233DXKZN		

## Scope of Work

Request for Information (RFI): Outcome-Based Security Solutions (Guarding and Security Technology) – Pietermaritzburg, Empangeni, and Newcastle Zones

### Introduction

Eskom invites qualified bidders to submit detailed responses to this RFI, demonstrating their capability to deliver innovative, outcome-driven security solutions across the Pietermaritzburg, Empangeni, and Newcastle Zones within the KwaZulu-Natal Operation Unit (KZNOU). The proposed solutions must align with Eskom's security standards, operational excellence, and asset protection objectives.

### Scope of Work

The successful bidder(s) will be required to provide a fully integrated security solution that reduces reliance on traditional guarding through automation, AI-driven surveillance, and advanced technology.

The solution must include:

#### 1. Control Room Construction/Refurbishment

- Design and implementation of a centralized control room for real-time monitoring, incident response, and data analytics.
- Installation of a state-of-the-art video wall for live surveillance feeds, analytics, and reporting.
- Integration of secure, high-speed communication networks for seamless data flow between the control room and field operations.
- Automated reporting systems for proactive threat detection and decision-making.
- Compliance with the Protection of Personal Information Act (POPIA) to ensure all data is securely stored and managed.
- All licence/accreditation fees for the duration of the contract period must be included.

#### 2. Technology-Driven Security Solutions

- Deployment of advanced surveillance systems (CCTV, AI-powered analytics, motion sensors, drones, etc.).
- Automated access control (biometrics, RFID, license plate recognition).
- Intrusion detection systems with real-time alerts.
- Armed response services
- Security guards (where necessary) until full automation is achieved.

#### 3. Asset Ownership & Maintenance

- All installed equipment shall become Eskom's property upon installation, with the service provider responsible for maintenance and replacement of defective components for the duration of the contract.
- The bidder must provide full maintenance, monitoring, and replacement of defective equipment for the five-year contract period.

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#### 4. Pricing & Contractual Terms

- The solution will be funded through a fixed monthly service fee over five years.
- All costs (equipment, installation, maintenance, monitoring, and armed response) must be fully factored into the proposed pricing.
- No price adjustments will be permitted during the contract period, except for guarding cost increases in compliance with PSIRA annual adjustments, subject to Eskom's governance and procurement policies.
- Eskom reserves the right to enforce contractual terms in accordance with its governance framework, ensuring compliance with procurement regulations and financial controls.

#### 5. Performance & KPIs

- Strict Key Performance Indicators (KPIs) will govern service delivery, ensuring measurable outcomes.
- Penalties may apply for failure to meet agreed-upon service levels.

#### Submission Guidelines

Interested parties must submit a detailed response outlining:

- Their technical and operational approach.
- Proven experience in similar projects.
- Value proposition emphasising automation, cost efficiency, and security effectiveness.
- Full cost breakdown, ensuring all expenses are included in the fixed five-year pricing model.

Eskom seeks a forward-thinking security partner capable of delivering a fully automated, technology-driven solution that enhances security while optimizing costs. Bidders must ensure their proposals comply with Eskom's governance policies, POPIA, and PSIRA regulations, with no price variations permitted outside of guarding-related PSIRA adjustments.

### ZONE DIVISION

#### Pietermaritzburg Zone Guarded Site

PIETERMARITZBURG ZONE	PIETERMARITZBURG ZONE
MANDENI CNC	GREEN POINT CNC
MANDENI WIC	ORIBI CAMP
MKHONDENI PARK	KRANSKOP CNC
MKHONDENI TRAINING	MERCY TRAINING CENTER
NOTTINGHAM	GOUWRIE SUB
PENTRICH SUB	ROYAL SUB
MSUNDUZI SUB	WESTVILLE CONTACT CENTRE
SUNDUMBILI	STANGER CNC
RICHMOND CNC	STANGER WIC
EDENDALE CNC	SHAKASKRAAL
WARTBURG CNC	ZINKWAZI SUB
UNDERBURG CNC	MANDINI HILLS
GREYTOWN CNC	MANGETHE SUB

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HOWICK CNC	STANGER SUB
HOWICK RDC	HARDING CNC
IMBALI SUB	HIBBERDENE CNC
IXOPO /UMZIMKHULU CNC	MARBURGH CNC
IXOPO WIC	MARBURGH WAREHOUSE
NEWGERMANY	MARGATE TSG
CATORIDGE	MARINA BEACH CNC
SAPPI	PARK RYNIE CNC
MAYORS WALK	PARK RYNIE SUB
ELANGENI SUB	KINGSDALE SUB
MPUMALANGA SUB	UMZINTO SUB
HOWICK SUBSTATION	TEMPLE ROAD CAMP
FLEET WOOD SUB	FREELAND SUB
HOSPITAL SUB	SINGISI CAMP(KOKSTAD)
CATORIDGE SUB	SCOTTBURGH SUB
NEW GERMANY COMPLEX	PLAINS SUB
DORINGKOP SUB	UVONGO SUB
KOKSTAD PROJECT	ELLINGHAM SUB
KOKSTAD CNC	CORRECTIONAL SERVICES
WIDENHAM CAMP	UMKOMAAS SUB
NKONKA CAMP	ELLINGHAM ESTATE (SCOTTBURGH PUMP STATION)

### Empangeni Zone Guarded site

EMPANGENI ZONE	EMPANGENI ZONE
LOGAN CAMP	MANGUZI CNC
EMPANGENI CNC	JOZINI CNC
EMPANGENI AREA OFFICE	PONGOLA CNC
EMPANGENI RDC	NONGOMA CNC
RICHARDSBAY CNC	OLUNDI CNC
MTUBATUBA CNC	MELMOTH CNC
MTUBATUBA CAMP	BABANANGO RS
HLUHLUWE CNC	NKANDLA CNC
HLUHLUWE SUB	

### Newcastle Zone Guarded Site

NEWCASTLE ZONE	NEWCASTLE ZONE
MADADENI CNC	PAUL PIETERSBURG CNC
NEWCASTLE TSG OFFICES	NQUTU CNC
NEWCASTLE Camp	VRYHEID CNC

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UTRETCH SUB	VRYHEID WAREHOUSE
VLAAGLAGTE SUB	NEWCASTLE AREA OFFICE
BLAaubosch SUB	INGAGANE CNC
MOUNTAIN VIEW RS	KLIPSPRUIT SUB
BERGVILLE CNC	STAFFORD SUB
COLENZO CNC	'BALLENGEICH SUB
COLENZO WAREHOUSE	DUCK PONDS SUB
COLENZO CAMP	PARKLANDS SUB
LADYSMITH AREA OFFICE	MATSheketsheni LESLIE SUB
EZAKHENI CNC	KILBARCHAN SUB
ESTCOURT CNC	INGAGANE-CRAIGSIDE LINE PROJECT
WILLOWFORD CAMP	PAULPIETERSBURG RS
GLENCOE CNC	WEENEN SUB
DUNDEE CNC	MATSheketsheni HV LINE
DUNDEE CRAIGSIDE CAMP	EKUVUKENI SUB

## Radio Site

Description	KZN -Zone	Description	KZN -Zone
DX : Bisleyview RS	PMB	DX Cragieburn RS	PMB
DX : Donnybrook RS	PMB	DX : Windyridge KZ RS	PMB
DX : Geluksberg RS	PMB	DX : Babanango RS	EMP
DX : Glenside RS	PMB	DX : Komo RS	EMP
DX : Greytown RS	PMB	DX : Mabibi RS	EMP
DX : Hilton RS	PMB	DX : Mandini Hill RS	EMP
DX : Injasuti_MTN RS	PMB	DX : Ngoye RS	EMP
DX : Keates Drift RS	PMB	DX : Sitezi RS	EMP
DX : Mgenivlei RS	PMB	DX : Helpmekaar RS	NWC
DX : Mormond RS	PMB	DX : Louwsburg RS	NWC
DX : Ixopo RS	PMB	DX : Mountain View RS	NWC
DX : Cedarberg RS	PMB	DX : Paulpietersburg RS	NWC
DX : Hibberdene RS	PMB	DX : Rooinek RS	NWC
DX : Ingeli RS	PMB	DX : Utrecht RS	NWC
DX : Port Edward RS	PMB	DX : Wakkerstroom RS	NWC

## Substations and Lines with Transformer's

Zone	Sector	CNC	OHL/Substation Description
PMB Zone	PMB Sector	Inchanga CNC	Abattoir 132kV Substation
Newcastle Zone	Ladysmith Sector	Bergville CNC	Akkermann 22/11kV Substation
PMB Zone	PMB Sector	Wartburg CNC	Albert Falls 33/11kV Substation
Newcastle Zone	Ladysmith Sector	Glencoe CNC	Alcockspruit 88kV Traction Substation

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Newcastle Zone	Newcastle Sector	Vryheid CNC	Alpha 88kV Substation
Empangeni Zone	Stanger Sector	Mandini CNC	Amatikulu 88kV Substation
Empangeni Zone	Stanger Sector	Mandini CNC	Amatikulu 88kV Traction Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Anderson Rd 11kV Switching Station
PMB Zone	PMB Sector	Wartburg CNC	Appelsbosch 33/11kV Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Ashburton 88kV Traction Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Assagay 88kV Substation
Empangeni Zone	Empangeni Sector	Empangeni CNC	Aviour 22/11kV Substation
PMB Zone	PMB Sector	Edendale CNC	Azalea 132kV Substation
PMB Zone	Kokstad Sector	Nottingham Road CNC	Balgowan 88kV Traction Substation
Newcastle Zone	Newcastle Sector	Ingagane CNC	Ballengeich 88kV Substation
PMB Zone	Kokstad Sector	Nottingham Road CNC	Beacon Hill 88kV Traction Substation
PMB Zone	PMB Sector	Richmond CNC	Beaumont 22kV Substation
PMB Zone	Margate Sector	Hibberdene CNC	Bendigo 132kV Substation
Newcastle Zone	Ladysmith Sector	Bergville CNC	Bergville 33kV Substation
Newcastle Zone	Ladysmith Sector	Ladysmith CNC	Besters 88kV Substation
Newcastle Zone	Ladysmith Sector	Colenso CNC	Besters 88kV Traction Substation
PMB Zone	Kokstad Sector	Kokstad CNC	Bhekintaba 33/11kV Substation
Newcastle Zone	Newcastle Sector	Osizweni CNC	Blaauwbosch 33kV Substation
PMB Zone	PMB Sector	Wartburg CNC	Bonnie 132/33kV Substation
Newcastle Zone	Newcastle Sector	Paulpietersburg CNC	Boschkran 88kV Substation
PMB Zone	PMB Sector	Howick CNC	Boughton 88kV Traction Substation
Newcastle Zone	Ladysmith Sector	Colenso CNC	Brakfontein 132kV Switching Station
Newcastle Zone	Ladysmith Sector	Colenso CNC	Brakwal 88kV Traction Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Buckman Boulevard 11kV Switching Station
Newcastle Zone	Ladysmith Sector	Estcourt CNC	Buffelshoek 33kV Substation
PMB Zone	Kokstad Sector	Underberg CNC	Bulwer 88kV Substation
Empangeni Zone	Pongola Sector	Pongola CNC	Candover 132kV Substation
Newcastle Zone	Ladysmith Sector	Estcourt CNC	Cathkin 33kV Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Cato Ridge 88kV Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Cato Ridge 88kV Traction Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Cavendish 88kV Traction Substation
Newcastle Zone	Ladysmith Sector	Colenso CNC	Cayingubo 88kV Traction Substation
PMB Zone	PMB Sector	Howick CNC	Cedara 88/11kV Substation
PMB Zone	PMB Sector	Howick CNC	Cedara 88kV Traction Substation
PMB Zone	Kokstad Sector	Kokstad CNC	Cedarville 132kV Substation
Newcastle Zone	Ladysmith Sector	Estcourt CNC	Chieveley 88kV Traction Substation
PMB Zone	Margate Sector	Greenpoint CNC	Clansthal 88kV Traction Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Cliffdale 88kV Traction Substation
Newcastle Zone	Newcastle Sector	Ingagane CNC	Clontarf 88kV Substation
Newcastle Zone	Newcastle Sector	Ingagane CNC	Clontarf 88kV Traction Substation
Newcastle Zone	Ladysmith Sector	Colenso CNC	Colenso 132kV Substation
Newcastle Zone	Ladysmith Sector	Estcourt CNC	Colenso 88kV Traction Substation
Newcastle Zone	Ladysmith Sector	Colenso CNC	Colenso Town 88kV Substation
Newcastle Zone	Ladysmith Sector	Colenso CNC	Colworth 88kV Traction Substation

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Newcastle Zone	Newcastle Sector	Paulpietersburg CNC	Comondale 88kV Substation
Empangeni Zone	Stanger Sector	Stanger CNC	Compensation 132kV Traction Substation
PMB Zone	Kokstad Sector	Ixopo CNC	Corinth 132kV Substation
Newcastle Zone	Newcastle Sector	Vryheid CNC	Coronation 33kV Substation
Empangeni Zone	Stanger Sector	Greytown CNC	Craigieburn 33/11kV Substation
Newcastle Zone	Ladysmith Sector	Dundee CNC	Craigside 88kV Switching Station
PMB Zone	PMB Sector	Edendale CNC	Crocodile 22kV Mobile Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Crossmoor 88kV Traction Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Crossmoor Traction Substation 88kV Customer Supply to Prasa Metrorail Overhead Line
PMB Zone	PMB Sector	Howick CNC	Curry s Post 132kV Substation
Empangeni Zone	Empangeni Sector	Empangeni CNC	Cwaka 88kV Traction Substation
Newcastle Zone	Newcastle Sector	Vryheid CNC	Dagbreek 88kV Substation
PMB Zone	PMB Sector	Wartburg CNC	Dalton 33/11kV Substation
PMB Zone	PMB Sector	Edendale CNC	Dambuza 11kV Switching Station
Newcastle Zone	Ladysmith Sector	Glencoe CNC	Dannhauser 88kV Substation
Newcastle Zone	Ladysmith Sector	Glencoe CNC	Dannhauser 88kV Traction Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Dano 11kV Switching Station
Newcastle Zone	Ladysmith Sector	Colenso CNC	Danskraal 88kV Switching Station
Empangeni Zone	Stanger Sector	Stanger CNC	Darnal 22/11kV Substation
Empangeni Zone	Stanger Sector	Stanger CNC	Darnall 132kV Traction Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Dassenhoek 88kV Traction Substation
PMB Zone	Kokstad Sector	Nottingham Road CNC	Defence 11/22kV Substation
Newcastle Zone	Ladysmith Sector	Dundee CNC	Dejagersdrif 88kV Traction Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Delville Wood 88kV Traction Substation
Empangeni Zone	Empangeni Sector	Richards Bay CNC	Dlangezwa 88kV Substation
PMB Zone	Kokstad Sector	Ixopo CNC	Donnybrook 22/11kV Substation
Empangeni Zone	Stanger Sector	Stanger CNC	Doornkop 132kV Substation
Newcastle Zone	Ladysmith Sector	Dundee CNC	Doringberg 88kV Traction Substation
Empangeni Zone	Empangeni Sector	Empangeni CNC	Dover 22/11kV Substation
Empangeni Zone	Stanger Sector	Stanger CNC	Driefontein 132kV Substation
Newcastle Zone	Ladysmith Sector	Bergville CNC	Driel 132kV Substation
Newcastle Zone	Newcastle Sector	Vryheid CNC	Dubula 88kV Traction Substation
Newcastle Zone	Newcastle Sector	Madadeni CNC	Duckponds 33kV Substation
PMB Zone	Margate Sector	Greenpoint CNC	Dududu 22/11kV Substation
Newcastle Zone	Ladysmith Sector	Dundee CNC	Dundee 88kV Substation
PMB Zone	PMB Sector	Edendale CNC	Edendale 132kV Substation
Newcastle Zone	Ladysmith Sector	Colenso CNC	Eendvogel Vlei 22/11kV Substation
Newcastle Zone	Ladysmith Sector	Ladysmith CNC	Ekuvukeni 88kV Substation
PMB Zone	PMB Sector	Howick CNC	Elandskop 132kV Substation
Newcastle Zone	Ladysmith Sector	Glencoe CNC	Elandslaagte 88kV Traction Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Elangeni 132kV Substation
Newcastle Zone	Ladysmith Sector	Ladysmith CNC	Elisabeth 33kV Substation
PMB Zone	Margate Sector	Park Rynie CNC	Ellingham 22kV Switching Station



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Newcastle Zone	Ladysmith Sector	Bergville CNC	Emmaus 33kV Substation
Newcastle Zone	Newcastle Sector	Nqutu CNC	Emondlo 88/22kV Substation
Empangeni Zone	Empangeni Sector	Empangeni CNC	Empangeni 132kV Substation
Empangeni Zone	Empangeni Sector	Empangeni CNC	Empangeni 88kV Traction Substation
Newcastle Zone	Newcastle Sector	Vryheid CNC	Engogweni 88kV Traction Substation
Newcastle Zone	Ladysmith Sector	Estcourt CNC	Ennersdale 88kV Traction Substation
Empangeni Zone	Stanger Sector	Eshowe CNC	Eshowe 88kV Substation
Newcastle Zone	Ladysmith Sector	Estcourt CNC	Estcourt 132kV Substation
PMB Zone	Kokstad Sector	Nottingham Road CNC	Estcourt 88kV Traction Substation
PMB Zone	PMB Sector	Richmond CNC	Eston 88kV Substation
Empangeni Zone	Empangeni Sector	Mtubatuba CNC	Estuary 22/11kV Substation
Newcastle Zone	Ladysmith Sector	Ladysmith CNC	Ezakheni 132kV Substation
Empangeni Zone	Empangeni Sector	Richards Bay CNC	Fairbreeze 88kV Substation
PMB Zone	PMB Sector	Inchanga CNC	Ferralloys 132kV Substation
PMB Zone	PMB Sector	Howick CNC	Fleetwood 88kV Substation
PMB Zone	Kokstad Sector	Kokstad CNC	Franklin 33kV Substation
PMB Zone	Margate Sector	Greenpoint CNC	Freeland Park 22kV Substation
Newcastle Zone	Ladysmith Sector	Estcourt CNC	Frere 88kV Traction Substation
Empangeni Zone	Stanger Sector	Greytown CNC	Futura Footwear 22/11kV Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Georgedale 88kV Traction Substation
Newcastle Zone	Ladysmith Sector	Ladysmith CNC	Georgina 33kV Substation
Empangeni Zone	Pongola Sector	Manguzi CNC	Gezisa 132kV Substation
Empangeni Zone	Stanger Sector	Mandini CNC	Gingindlovu 132kV Substation
Empangeni Zone	Stanger Sector	Stanger CNC	Gledhow 132kV Traction Substation
Newcastle Zone	Ladysmith Sector	Glencoe CNC	Glencoe 88kV Substation
Newcastle Zone	Ladysmith Sector	Glencoe CNC	Glencoe 88kV Traction Substation
Empangeni Zone	Stanger Sector	Stanger CNC	Glendale 132kV Substation
Newcastle Zone	Newcastle Sector	Ingagane CNC	Glenharte 88kV Traction Substation
PMB Zone	Margate Sector	Park Rynie CNC	Golf Course 22/11kV Substation
PMB Zone	Kokstad Sector	Nottingham Road CNC	Gowrie 132kV Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Green Road 11kV Switching Station
Empangeni Zone	Stanger Sector	Greytown CNC	Greytown 33/11kV Substation
PMB Zone	PMB Sector	Wartburg CNC	Gruneck 33/11kV Substation
Empangeni Zone	Stanger Sector	Stanger CNC	Hambanati 132kV Traction Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Hammersdale 88kV Traction Substation
PMB Zone	Margate Sector	Harding CNC	Harding South 88kV Substation
Newcastle Zone	Ladysmith Sector	Bergville CNC	Harrismith Munic Substation/Tugela 2 132kV Line Overhead Line (Bergville CNC Section)
Newcastle Zone	Ladysmith Sector	Glencoe CNC	Hattingspruit 88kV Traction Substation
Empangeni Zone	Stanger Sector	Kranskop CNC	Hermannsburg 33/22kV Substation
PMB Zone	Margate Sector	Hibberdene CNC	Hibberdene 88kV Substation
PMB Zone	Kokstad Sector	Nottingham Road CNC	Hidcote 88kV Traction Substation
PMB Zone	Kokstad Sector	Umzimkulu CNC	Highflats 22kV Substation
Newcastle Zone	Ladysmith Sector	Colenso CNC	Highway 132kV Switching Station
Empangeni Zone	Stanger Sector	Stanger CNC	Hillbrow 22/11kV Substation

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Empangeni Zone	Pongola Sector	Nongoma CNC	Hlabisa 88kV Substation
Newcastle Zone	Newcastle Sector	Vryheid CNC	Hlobane 22kV Substation
Empangeni Zone	Pongola Sector	Hluhluwe CNC	Hluhluwe 132kV Substation
Empangeni Zone	Pongola Sector	Hluhluwe CNC	Hluhluwe 474 22/11kV Substation
PMB Zone	PMB Sector	Edendale CNC	Hooligum 11kV Switching Station
Empangeni Zone	Pongola Sector	Pongola CNC	Horseshoe 22/11kV Substation
PMB Zone	PMB Sector	Edendale CNC	Hospital 132kV Substation
PMB Zone	PMB Sector	Howick CNC	Howick 88kV Oil Pump Substation Yard A
PMB Zone	PMB Sector	Howick CNC	Howick 88kV Oil Pump Substation Yard B
PMB Zone	PMB Sector	Howick CNC	Howick 88kV Substation
Empangeni Zone	Empangeni Sector	Richards Bay CNC	Hudley 88kV Traction Substation
Empangeni Zone	Stanger Sector	Kranskop CNC	Ibhubesi 132kV Mobile Substation
Empangeni Zone	Empangeni Sector	Ulundi CNC	Idube 22kV Mobile Substation
PMB Zone	Margate Sector	Hibberdene CNC	Idwala 132/11kV Substation
PMB Zone	PMB Sector	Edendale CNC	Imbali 132kV Substation
Newcastle Zone	Newcastle Sector	Ingagane CNC	Ingagane 88kV Traction Substation
PMB Zone	Margate Sector	Harding CNC	Ingeli 88kV Substation
PMB Zone	PMB Sector	Howick CNC	Inkunzi 132kV Mobile Substation
Empangeni Zone	Empangeni Sector	Mtubatuba CNC	Inyathi Road 22/11kV Substation
PMB Zone	Kokstad Sector	Ixopo CNC	Ixopo 132kV Substation
PMB Zone	Margate Sector	Marburg CNC	Izotsha 88kV Substation
PMB Zone	Margate Sector	Marina Beach CNC	Jabulani 22kV Substation
Newcastle Zone	Ladysmith Sector	Bergville CNC	Jagersrust 132kV Substation
PMB Zone	Kokstad Sector	Nottingham Road CNC	Joubertsvei 88kV Substation
PMB Zone	Kokstad Sector	Nottingham Road CNC	Kamberg 88kV Substation
PMB Zone	PMB Sector	Howick CNC	Karkloof 33kV Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Kelly Road 11kV Switching Station
PMB Zone	Margate Sector	Park Rynie CNC	Kelso 88kV Traction Substation
PMB Zone	Kokstad Sector	Umzimkulu CNC	Kenterton 132kV Substation
Newcastle Zone	Ladysmith Sector	Ladysmith CNC	Keswick 33kV Substation
Newcastle Zone	Newcastle Sector	Ingagane CNC	Kilbarchan 88kV Substation
PMB Zone	Margate Sector	Park Rynie CNC	Kingsdale 88kV Substation
Newcastle Zone	Ladysmith Sector	Dundee CNC	Kingsley 88kV Traction Substation
Newcastle Zone	Newcastle Sector	Ingagane CNC	Klipspruit 88kV Substation
PMB Zone	Kokstad Sector	Kokstad CNC	Kokstad 132kV Substation
Empangeni Zone	Stanger Sector	Kranskop CNC	Kranskop 132/22kV Substation
Empangeni Zone	Empangeni Sector	Mtubatuba CNC	Kwambonambi 132kV Substation
Empangeni Zone	Empangeni Sector	Mtubatuba CNC	Kwambonambi Town 22/11kV Substation
Empangeni Zone	Empangeni Sector	Mtubatuba CNC	Kwamsane 22/11kV Substation
PMB Zone	Kokstad Sector	Underberg CNC	Lamington 88kV Substation
Newcastle Zone	Newcastle Sector	Ingagane CNC	Langsnek 88kV Traction Substation
Newcastle Zone	Ladysmith Sector	Dundee CNC	Leksand 88kV Substation
Newcastle Zone	Ladysmith Sector	Glencoe CNC	Lente 88kV Substation
PMB Zone	Kokstad Sector	Nottingham Road CNC	Lidgetton 88kV Substation



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PMB Zone	Kokstad Sector	Nottingham Road CNC	Lidgetton 88kV Traction Substation
PMB Zone	Kokstad Sector	Nottingham Road CNC	Lions River 88kV Traction Substation
Empangeni Zone	Empangeni Sector	Empangeni CNC	Logan 132kV Substation
Newcastle Zone	Newcastle Sector	Vryheid CNC	Louwsburg 33kV Substation
PMB Zone	Kokstad Sector	Nottingham Road CNC	Lowlands 88kV Traction Substation
Empangeni Zone	Empangeni Sector	Richards Bay CNC	Mabhodla 33/11kV Substation
Newcastle Zone	Newcastle Sector	Madadeni CNC	Madadeni 132kV Substation
Empangeni Zone	Stanger Sector	Kranskop CNC	Madungela 132kV Substation
PMB Zone	Margate Sector	Greenpoint CNC	Magabeni 22kV Substation
Newcastle Zone	Newcastle Sector	Madadeni CNC	Mairs Camp 33kV Substation
Newcastle Zone	Newcastle Sector	Ingagane CNC	Majuba 88kV Traction Substation
Empangeni Zone	Pongola Sector	Jozini CNC	Makhathini 132kV Substation
Newcastle Zone	Ladysmith Sector	Dundee CNC	Malonjeni 88kV Traction Substation
PMB Zone	Margate Sector	Marburg CNC	Manaba 11kV Switching Station
Newcastle Zone	Ladysmith Sector	Estcourt CNC	Mandabeni 33kV Substation
Empangeni Zone	Stanger Sector	Eshowe CNC	Mandawe 88kV Substation
Empangeni Zone	Stanger Sector	Mandini CNC	Mandini 132kV Substation
Empangeni Zone	Stanger Sector	Mandini CNC	Mandini 132kV Traction Substation
Empangeni Zone	Stanger Sector	Mandini CNC	Mangethe 88kV Substation
Empangeni Zone	Pongola Sector	Manguzi CNC	Manguzi 33kV Substation
Newcastle Zone	Newcastle Sector	Vryheid CNC	Mapaseni 88kV Traction Substation
PMB Zone	Margate Sector	Marburg CNC	Marburg 11kV Switching Station
PMB Zone	Margate Sector	Marina Beach CNC	Margate 88kV Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Marian Hill 88kV Traction Substation
PMB Zone	Margate Sector	Marina Beach CNC	Marina 88kV Substation
PMB Zone	Margate Sector	Marina Beach CNC	Marine Drive 11kV Switching Station
Newcastle Zone	Ladysmith Sector	Ladysmith CNC	Mathondwane 88/22kV Substation
Newcastle Zone	Ladysmith Sector	Estcourt CNC	Mdwebu 33/11kV Substation
PMB Zone	Kokstad Sector	Nottingham Road CNC	Mearns 88kV Substation
Empangeni Zone	Empangeni Sector	Melmoth CNC	Melmoth 22/11kV Substation
Newcastle Zone	Newcastle Sector	Ingagane CNC	Memel 22/11kV Substation
Empangeni Zone	Empangeni Sector	Empangeni CNC	Mhlatuze 88kV Substation
PMB Zone	PMB Sector	Howick CNC	Midmar 88kV Substation
Newcastle Zone	Ladysmith Sector	Glencoe CNC	Milnedale 88kV Traction Substation
Empangeni Zone	Stanger Sector	Greytown CNC	Mizpah 132/33kV Substation
Empangeni Zone	Pongola Sector	Pongola CNC	Mkuze 132kV Substation
Empangeni Zone	Pongola Sector	Nongoma CNC	Mlokothwa School 22/11kV Substation
PMB Zone	Margate Sector	Marburg CNC	Montreux 88kV Substation
PMB Zone	Kokstad Sector	Nottingham Road CNC	Mooi River 88kV Substation
PMB Zone	Kokstad Sector	Nottingham Road CNC	Mooi River 88kV Traction Substation
PMB Zone	PMB Sector	Wartburg CNC	Mpolweni 33/11kV Substation
PMB Zone	PMB Sector	Howick CNC	Mpophomeni 88kV Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Mpumalanga 132kV Substation
Empangeni Zone	Stanger Sector	Greytown CNC	Msinga 132/22kV Substation
PMB Zone	PMB Sector	Edendale CNC	Msunduzi 132kV Switching Station

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Empangeni Zone	Empangeni Sector	Melmoth CNC	Mtonjaneni 88kV Substation
Empangeni Zone	Empangeni Sector	Mtubatuba CNC	Mtubatuba 132kV Substation
Empangeni Zone	Empangeni Sector	Richards Bay CNC	Mtunzini 88kV Substation
PMB Zone	Margate Sector	Hibberdene CNC	Mtwalume 88kV Substation
PMB Zone	Margate Sector	Marina Beach CNC	Munster 22/11kV Substation
PMB Zone	PMB Sector	Edendale CNC	Myezane 11kV Switching Station
PMB Zone	PMB Sector	Inchanga CNC	Nagle Dam 132kV Substation
Empangeni Zone	Empangeni Sector	Ulundi CNC	Ncwane 88kV Substation
Empangeni Zone	Pongola Sector	Jozini CNC	Ndumo 132kV Substation
Empangeni Zone	Stanger Sector	Stanger CNC	Ndwedwe 132kV Substation
Empangeni Zone	Empangeni Sector	Empangeni CNC	Ngoye 88kV Substation
Empangeni Zone	Empangeni Sector	Empangeni CNC	Ngwelezana 88kV Substation
Empangeni Zone	Empangeni Sector	Nkandla CNC	Nkandla 22/11kV Substation
PMB Zone	Margate Sector	Park Rynie CNC	Nkonka 132kV Substation
Empangeni Zone	Stanger Sector	Eshowe CNC	Nkweleni 88kV Substation
Empangeni Zone	Pongola Sector	Jozini CNC	Nondabuya 132kV Substation
Empangeni Zone	Pongola Sector	Nongoma CNC	Nongoma 88kV Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Northdene 88kV Traction Substation
PMB Zone	Kokstad Sector	Nottingham Road CNC	Nottingham Road 88kV Traction Substation
PMB Zone	Margate Sector	Harding CNC	Nqabeni 132kV Substation
Empangeni Zone	Empangeni Sector	Empangeni CNC	Nseleni 132kV Substation
Empangeni Zone	Pongola Sector	Nongoma CNC	Nyokeni 88/22kV Substation
PMB Zone	Kokstad Sector	Nottingham Road CNC	Oaklands 88kV Substation
Empangeni Zone	Empangeni Sector	Ulundi CNC	Okuku 88kV Substation
PMB Zone	Margate Sector	Marburg CNC	Oribi 132kV Substation
PMB Zone	Margate Sector	Marburg CNC	Paddock 88kV Substation
PMB Zone	Margate Sector	Marina Beach CNC	Palm Beach 22/11kV Substation
PMB Zone	Margate Sector	Park Rynie CNC	Park Rynie 22/11kV Substation
Newcastle Zone	Newcastle Sector	Madadeni CNC	Parklands 132kV Substation
Newcastle Zone	Newcastle Sector	Paulpietersburg CNC	Paulpietersburg 88kV Substation
PMB Zone	Margate Sector	Park Rynie CNC	Pennington 22kV Substation
PMB Zone	PMB Sector	Edendale CNC	Pentrich 132kV Substation
PMB Zone	PMB Sector	Edendale CNC	Pentrich 88kV Traction Substation
Newcastle Zone	Ladysmith Sector	Ladysmith CNC	Pepworth 88kV Substation
Newcastle Zone	Ladysmith Sector	Colenso CNC	Pepworth 88kV Traction Substation
PMB Zone	PMB Sector	Howick CNC	Petronet - Howick Oil Pump Station 88kV Customer Supply Overhead Line
Newcastle Zone	Newcastle Sector	Ingagane CNC	Petronet - Quagga Oil Pump Station 88kV Customer Supply Overhead Line
Empangeni Zone	Pongola Sector	Hluhluwe CNC	Phinda Forest 22/11kV Substation
PMB Zone	PMB Sector	Howick CNC	Pietermaritzburg 88kV Traction Substation
Newcastle Zone	Ladysmith Sector	Ladysmith CNC	Pieters 88kV Substation
Newcastle Zone	Ladysmith Sector	Colenso CNC	Pieters 88kV Traction Substation
PMB Zone	Margate Sector	Marburg CNC	Pioneer Road 11kV Switching Station
PMB Zone	Margate Sector	Marburg CNC	Plains 88/11kV Substation

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Newcastle Zone	Ladysmith Sector	Glencoe CNC	Platberg 88kV Substation
Newcastle Zone	Ladysmith Sector	Dundee CNC	Pomeroy 132/22kV Substation
Empangeni Zone	Pongola Sector	Pongola CNC	Pongola 132kV Substation
Empangeni Zone	Pongola Sector	Pongola CNC	Pontus 132kV Substation
Empangeni Zone	Empangeni Sector	Richards Bay CNC	Port Durnford 88kV Substation
Empangeni Zone	Empangeni Sector	Richards Bay CNC	Port Durnford 88kV Traction Substation
PMB Zone	Margate Sector	Marina Beach CNC	Port Edward 88kV Substation
PMB Zone	Margate Sector	Hibberdene CNC	Port Shepstone 132kV Substation
PMB Zone	Kokstad Sector	Umzimkulu CNC	Pungashe 22/11kV Substation
Newcastle Zone	Newcastle Sector	Ingagane CNC	Quagga 88kV Oil Pump Substation
PMB Zone	PMB Sector	Howick CNC	Quail 88kV Traction Substation
PMB Zone	Margate Sector	Hibberdene CNC	Qwabe 22/11kV Substation
PMB Zone	Kokstad Sector	Nottingham Road CNC	Rainbow Lakes 88kV Substation
PMB Zone	Margate Sector	Marina Beach CNC	Ramsgate 88kV Substation
PMB Zone	Margate Sector	Greenpoint CNC	Rayon 132/11kV Substation
PMB Zone	Margate Sector	Hibberdene CNC	Redhill 88kV Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Reunion 88kV Switching Station
PMB Zone	PMB Sector	Cato Ridge CNC	Reunion 88kV Traction Substation
Empangeni Zone	Empangeni Sector	Empangeni CNC	Richards Bay Quarry 22/11kV Substation
Newcastle Zone	Newcastle Sector	Ingagane CNC	Rietspruit 88kV Traction Substation
PMB Zone	PMB Sector	Richmond CNC	Riverdale 132kV Substation
Newcastle Zone	Newcastle Sector	Madadeni CNC	Riversmeet 33kV Substation
Empangeni Zone	Empangeni Sector	Mtubatuba CNC	Riverview 22/11kV Substation
Newcastle Zone	Newcastle Sector	Ingagane CNC	Robroy 88/11kV Substation
PMB Zone	Kokstad Sector	Nottingham Road CNC	Rosetta 88kV Traction Substation
Newcastle Zone	Ladysmith Sector	Estcourt CNC	Rostrata 132kV Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Royal 132/11kV Substation
Newcastle Zone	Ladysmith Sector	Glencoe CNC	Ruston 88kV Substation
Empangeni Zone	Empangeni Sector	Richards Bay CNC	Rutile 88kV Substation
Newcastle Zone	Newcastle Sector	Madadeni CNC	Rutland 33kV Substation
PMB Zone	Margate Sector	Greenpoint CNC	Saiccor 132kV Substation
Empangeni Zone	Stanger Sector	Mandini CNC	Sappi 132kV Substation
PMB Zone	Margate Sector	Park Rynie CNC	School Road 11kV Switching Station
PMB Zone	Margate Sector	Park Rynie CNC	Scottburgh 88/22kV Substation
PMB Zone	Margate Sector	Hibberdene CNC	Seapark 22/11kV Substation
PMB Zone	Margate Sector	Marina Beach CNC	Seaview 22/11kV Substation
Empangeni Zone	Stanger Sector	Greytown CNC	Seven Oaks 33/11kV Substation New
PMB Zone	Margate Sector	Park Rynie CNC	Sezela 132kV Substation
Empangeni Zone	Empangeni Sector	Nkandla CNC	Sgananda kaZokufa Shezi 88/22kV Substation
Empangeni Zone	Stanger Sector	Stanger CNC	Shakaskraal 132kV Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Shallcross 88kV Traction Substation
PMB Zone	Margate Sector	Marburg CNC	Shelly Beach 11kV Switching Station
PMB Zone	PMB Sector	Edendale CNC	Sinathingi 11kV Switching Station
Empangeni Zone	Stanger Sector	Kranskop CNC	Sitilo 132kV Substation
Newcastle Zone	Newcastle Sector	Paulpietersburg CNC	Skume 88kV Traction Substation

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Newcastle Zone	Newcastle Sector	Vryheid CNC	Smaldeel 22/11kV Substation
Empangeni Zone	Pongola Sector	Manguzi CNC	Sodwana 22/11kV Substation
Empangeni Zone	Pongola Sector	Manguzi CNC	Sodwana Parksboard 22/11kV Substation
PMB Zone	Margate Sector	Hibberdene CNC	South Port 88kV Traction Substation
PMB Zone	PMB Sector	Howick CNC	South Portal 88kV Traction Substation
Newcastle Zone	Ladysmith Sector	Colenso CNC	Spioenkop 132kV Substation
Newcastle Zone	Ladysmith Sector	Glencoe CNC	Spoornet - Alcockspruit Traction Substation 88kV Customer Supply Overhead Line
Empangeni Zone	Stanger Sector	Mandini CNC	Spoornet - Amatikulu 88kV Traction Substation Customer Supply Overhead Line
PMB Zone	PMB Sector	Cato Ridge CNC	Spoornet - Ashburton Traction Substation 88kV Customer Supply Overhead Line
PMB Zone	Kokstad Sector	Nottingham Road CNC	Spoornet - Balgowan Traction Substation 88kV Customer Supply Overhead Line
PMB Zone	Kokstad Sector	Nottingham Road CNC	Spoornet - Beacon Hill 88kV Traction Substation Customer Supply Overhead Line
Newcastle Zone	Ladysmith Sector	Colenso CNC	Spoornet - Besters 88kV Traction Substation Customer Supply Overhead Line
PMB Zone	Margate Sector	Hibberdene CNC	Spoornet - Bolton 88kV Traction Substation Customer Supply Overhead Line
PMB Zone	PMB Sector	Howick CNC	Spoornet - Boughton Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Ladysmith Sector	Colenso CNC	Spoornet - Brakwal 88kV Traction Substation Customer Supply Overhead Line
PMB Zone	PMB Sector	Cato Ridge CNC	Spoornet - Cato Ridge Substation 11kV Customer Supply Overhead Line
PMB Zone	PMB Sector	Cato Ridge CNC	Spoornet - Cavendish Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Ladysmith Sector	Colenso CNC	Spoornet - Cayingubo 88kV Traction Substation Customer Supply Overhead Line
PMB Zone	PMB Sector	Howick CNC	Spoornet - Cedara Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Ladysmith Sector	Estcourt CNC	Spoornet - Chieveley Traction Substation 88kV Customer Supply Overhead Line
PMB Zone	Margate Sector	Greenpoint CNC	Spoornet - Clanstal/Clansthal 88kV Traction Substation Customer Supply Overhead Line
PMB Zone	PMB Sector	Cato Ridge CNC	Spoornet - Cliffdale Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Newcastle Sector	Ingagane CNC	Spoornet - Clontarf Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Ladysmith Sector	Estcourt CNC	Spoornet - Colenso 88kV Traction Substation Customer Supply Overhead Line
Newcastle Zone	Ladysmith Sector	Colenso CNC	Spoornet - Colworth 88kV Traction Substation Customer Supply Overhead Line
Empangeni Zone	Stanger Sector	Stanger CNC	Spoornet - Compensation 132kV Traction Substation Customer Supply Overhead Line
Newcastle Zone	Ladysmith Sector	Glencoe CNC	Spoornet - Dannhauser Traction Substation 88kV Customer Supply Overhead Line
Empangeni Zone	Stanger Sector	Stanger CNC	Spoornet - Darnall 132kV Traction Substation Customer Supply Overhead Line

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PMB Zone	PMB Sector	Cato Ridge CNC	Spoornet - Dassenhoek Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Ladysmith Sector	Dundee CNC	Spoornet - Dejagersdrif Traction Substation 88kV Customer Supply Overhead Line
PMB Zone	PMB Sector	Cato Ridge CNC	Spoornet - Delville Wood Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Ladysmith Sector	Dundee CNC	Spoornet - Doringberg Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Ladysmith Sector	Glencoe CNC	Spoornet - Elandsplaagte Traction Substation 88kV Customer Supply Overhead Line
Empangeni Zone	Empangeni Sector	Empangeni CNC	Spoornet - Empangeni 88kV Traction Substation Customer Supply Overhead Line
Newcastle Zone	Ladysmith Sector	Estcourt CNC	Spoornet - Ennersdale Traction Substation 88kV Customer Supply Overhead Line
Empangeni Zone	Empangeni Sector	Ulundi CNC	Spoornet - Eqwasha 88kV Traction Substation Customer Supply Overhead Line
PMB Zone	Kokstad Sector	Nottingham Road CNC	Spoornet - Estcourt Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Ladysmith Sector	Estcourt CNC	Spoornet - Frere Traction Substation 88kV Customer Supply Overhead Line
PMB Zone	PMB Sector	Cato Ridge CNC	Spoornet - Georgedale Traction Substation 88kV Customer Supply Overhead Line
Empangeni Zone	Stanger Sector	Stanger CNC	Spoornet - Gledhow 88kV Traction Substation Customer Supply Overhead Line
Newcastle Zone	Ladysmith Sector	Glencoe CNC	Spoornet - Glencoe Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Newcastle Sector	Ingagane CNC	Spoornet - Glenharte Traction Substation 88kV Customer Supply Overhead Line
Empangeni Zone	Stanger Sector	Stanger CNC	Spoornet - Hambanati 132kV Traction Substation Customer Supply Overhead Line
PMB Zone	PMB Sector	Cato Ridge CNC	Spoornet - Hammarsdale Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Ladysmith Sector	Glencoe CNC	Spoornet - Hattingspruit Traction Substation 88kV Customer Supply Overhead Line
PMB Zone	Kokstad Sector	Nottingham Road CNC	Spoornet - Hidcote 88kV Traction Substation Customer Supply Overhead Line
Empangeni Zone	Empangeni Sector	Richards Bay CNC	Spoornet - Hudley 88kV Traction Substation Customer Supply Overhead Line
Newcastle Zone	Newcastle Sector	Ingagane CNC	Spoornet - Ingagane Traction Substation 88kV Customer Supply Overhead Line
PMB Zone	Margate Sector	Park Rynie CNC	Spoornet - Kelso 88kV Traction Substation Customer Supply Overhead Line
Newcastle Zone	Ladysmith Sector	Dundee CNC	Spoornet - Kingsley Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Newcastle Sector	Ingagane CNC	Spoornet - Langsnek 88kV Traction Substation Customer supply Overhead Line
PMB Zone	Kokstad Sector	Nottingham Road CNC	Spoornet - Lidgetton Traction Substation 88kV Customer Supply Overhead Line
PMB Zone	Kokstad Sector	Nottingham Road CNC	Spoornet - Lions River Traction Substation 88kV Customer Supply Overhead Line



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PMB Zone	Kokstad Sector	Nottingham Road CNC	Spoornet - Lowlands 88kV Traction Substation Customer Supply Overhead Line
Newcastle Zone	Newcastle Sector	Ingagane CNC	Spoornet - Majuba Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Ladysmith Sector	Dundee CNC	Spoornet - Malonjeni Traction Substation 88kV Customer Supply Overhead Line
Empangeni Zone	Stanger Sector	Mandini CNC	Spoornet - Mandini 88kV Traction Substation Customer Supply Overhead Line
PMB Zone	PMB Sector	Cato Ridge CNC	Spoornet - Marian Hill Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Ladysmith Sector	Glencoe CNC	Spoornet - Milnedale Traction Substation 88kV Customer Supply Overhead Line
PMB Zone	Kokstad Sector	Nottingham Road CNC	Spoornet - Mooi River Traction Substation 88kV Customer Supply Overhead Line
PMB Zone	PMB Sector	Cato Ridge CNC	Spoornet - Northdene Traction Substation 88kV Customer Supply Overhead Line
PMB Zone	Kokstad Sector	Nottingham Road CNC	Spoornet - Nottingham Road Traction Substation 88kV Customer Supply Overhead Line
PMB Zone	PMB Sector	Howick CNC	Spoornet - Pentrich Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Ladysmith Sector	Glencoe CNC	Spoornet - Pepworth 88kV Traction Substation Customer Supply Overhead Line
PMB Zone	PMB Sector	Howick CNC	Spoornet - Pietermaritzburg Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Ladysmith Sector	Colenso CNC	Spoornet - Pieters 88kV Traction Substation Customer Supply Overhead Line
Empangeni Zone	Empangeni Sector	Richards Bay CNC	Spoornet - Port Durnford 88kV Traction Substation Customer Supply Overhead Line
PMB Zone	PMB Sector	Howick CNC	Spoornet - Quail Traction Substation 88kV Customer Supply Overhead Line
PMB Zone	PMB Sector	Cato Ridge CNC	Spoornet - Reunion Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Newcastle Sector	Ingagane CNC	Spoornet - Rietspruit Traction Substation 88kV Customer Supply Overhead Line
PMB Zone	Kokstad Sector	Nottingham Road CNC	Spoornet - Rosetta Traction Substation 88kV Customer Supply Overhead Line
PMB Zone	PMB Sector	Cato Ridge CNC	Spoornet - Shallcross Traction Substation 88kV Customer Supply Overhead Line
PMB Zone	Margate Sector	Hibberdene CNC	Spoornet - South Port 88kV Traction Substation Customer Supply Overhead Line
PMB Zone	PMB Sector	Howick CNC	Spoornet - South Portal Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Newcastle Sector	Vryheid CNC	Spoornet - Stilwater Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Newcastle Sector	Vryheid CNC	Spoornet - Strathcona Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Ladysmith Sector	Dundee CNC	Spoornet - Talana Traction Substation 88kV Customer Supply Overhead Line



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Empangeni Zone	Stanger Sector	Stanger CNC	Spoornet - Tinley Manor 132kV Traction Substation Customer Supply Overhead Line
PMB Zone	Margate Sector	Hibberdene CNC	Spoornet - Turton 88kV Traction Substation Customer Supply Overhead Line
Newcastle Zone	Ladysmith Sector	Glencoe CNC	Spoornet - Uithoek Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Ladysmith Sector	Colenso CNC	Spoornet - Umbulwana 88kV Traction Substation Customer Supply Overhead Line
PMB Zone	PMB Sector	Cato Ridge CNC	Spoornet - Umlaas Road Traction Substation 88kV Customer Supply Overhead Line
PMB Zone	PMB Sector	Cato Ridge CNC	Spoornet - Umlazi Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Newcastle Sector	Vryheid CNC	Spoornet - Vryheid Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Ladysmith Sector	Colenso CNC	Spoornet - Walkershoek 88kV Traction Substation Customer Supply Overhead Line
Newcastle Zone	Ladysmith Sector	Glencoe CNC	Spoornet - Wasbank Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Ladysmith Sector	Glencoe CNC	Spoornet - Wesselsnek Traction Substation 88kV Customer Supply Overhead Line
PMB Zone	Margate Sector	Greenpoint CNC	Spoornet - Winkelspruit 88kV Traction Substation Customer Supply Overhead Line
Newcastle Zone	Newcastle Sector	Ingagane CNC	Spoornet - Wykom Traction Substation 88kV Customer Supply Overhead Line
PMB Zone	Kokstad Sector	Nottingham Road CNC	Spring Grove Dam 88kV SubStation
Newcastle Zone	Newcastle Sector	Nqutu CNC	St James 88kV Substation
PMB Zone	Margate Sector	Greenpoint CNC	St Josephs 22kV Substation
PMB Zone	Margate Sector	Marburg CNC	St Michaels 11kV Switching Station
Newcastle Zone	Newcastle Sector	Madadeni CNC	Stafford 33kV Substation
Empangeni Zone	Stanger Sector	Stanger CNC	Stanger 132kV Substation
Newcastle Zone	Newcastle Sector	Vryheid CNC	Stilwater 88kV Traction Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Stott Road 11kV Switching Station
Newcastle Zone	Newcastle Sector	Vryheid CNC	Strathcona 88kV Traction Substation
Empangeni Zone	Stanger Sector	Mandini CNC	Sundumbili 132kV Substation
PMB Zone	PMB Sector	Wartburg CNC	Swayimana 33/11kV Substation
Newcastle Zone	Ladysmith Sector	Dundee CNC	Talana 88kV Traction Substation
Newcastle Zone	Ladysmith Sector	Dundee CNC	Taveta 88kV Substation
PMB Zone	Margate Sector	Park Rynie CNC	Temple Road 22/11kV Substation
PMB Zone	PMB Sector	Edendale CNC	Thathawe 11kV Switching Station
Empangeni Zone	Stanger Sector	Greytown CNC	Thembela 11kV Switching Station
PMB Zone	PMB Sector	Richmond CNC	Thornville 132/11kV Substation
Empangeni Zone	Stanger Sector	Stanger CNC	Tinley Manor 132kV Traction Substation
Empangeni Zone	Empangeni Sector	Empangeni CNC	Transet Freight Rail - Cwaka 88kV Traction Substation Customer Supply Overhead Line
Newcastle Zone	Newcastle Sector	Paulpietersburg CNC	Transet Freight Rail - Dumbe Traction Substation 88kV Customer Supply Overhead Line

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Empangeni Zone	Empangeni Sector	Empangeni CNC	Transet Freight Rail - Emekwezini 88kV Traction Substation Customer Supply Overhead Line
Newcastle Zone	Newcastle Sector	Paulpietersburg CNC	Transet Freight Rail - Hlungwana Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Newcastle Sector	Paulpietersburg CNC	Transet Freight Rail - Mqwabe Traction Substation 88kV Customer Supply Overhead Line
Empangeni Zone	Empangeni Sector	Empangeni CNC	Transet Freight Rail - Richards Bay North 88kV Traction Substation Customer Supply Overhead Line
Newcastle Zone	Newcastle Sector	Paulpietersburg CNC	Transet Freight Rail Dumbe 88kV Traction Substation
Empangeni Zone	Empangeni Sector	Empangeni CNC	Transet Freight Rail Emekwezini 88kV Traction Substation
Newcastle Zone	Newcastle Sector	Paulpietersburg CNC	Transet Freight Rail Hlungwana 88kV Traction Substation
Newcastle Zone	Newcastle Sector	Paulpietersburg CNC	Transet Freight Rail Mqwabe 88kV Traction Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Transnet 1 - Cato Ridge Traction Substation 88kV Customer Supply Overhead Line
PMB Zone	PMB Sector	Cato Ridge CNC	Transnet 2 - Cato Ridge Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Newcastle Sector	Vryheid CNC	Transnet Freight Rail - Dabula Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Newcastle Sector	Vryheid CNC	Transnet Freight Rail - Engogweni Traction Substation 88kV Customer Supply Overhead Line
Empangeni Zone	Empangeni Sector	Ulundi CNC	Transnet Freight Rail - Intshamanzi 88kV Traction Substation Customer Supply Overhead Line
Empangeni Zone	Empangeni Sector	Empangeni CNC	Transnet Freight Rail - Kombe 88kV Traction Substation Customer Supply Overhead Line
Newcastle Zone	Newcastle Sector	Vryheid CNC	Transnet Freight Rail - Mapaseni Traction Substation 88kV Customer Supply Overhead Line
Empangeni Zone	Empangeni Sector	Ulundi CNC	Transnet Freight Rail - Mpanda 88kV Traction Substation Customer Supply Overhead Line
Newcastle Zone	Newcastle Sector	Paulpietersburg CNC	Transnet Freight Rail - Sikame 88kV Traction Substation
Newcastle Zone	Newcastle Sector	Paulpietersburg CNC	Transnet Freight Rail - Sikame Traction Substation 88kV Customer Supply Overhead Line
Newcastle Zone	Newcastle Sector	Paulpietersburg CNC	Transnet Freight Rail - Skume Traction Substation 88kV Customer Supply Overhead Line
Empangeni Zone	Empangeni Sector	Ulundi CNC	Transnet Freight Rail - Ulundi 88kV Traction Substation Customer Supply Overhead Line

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Empangeni Zone	Empangeni Sector	Ulundi CNC	Transnet Freight Rail Intshamanzi 88kV Traction Substation
Empangeni Zone	Empangeni Sector	Empangeni CNC	Transnet Freight Rail Kombe 88kV Traction Substation
Empangeni Zone	Empangeni Sector	Ulundi CNC	Transnet Freight Rail Mpanda 88kV Traction Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Trelawney 132kV Substation
Empangeni Zone	Stanger Sector	Greytown CNC	Tugela Ferry 22/11kV Substation
PMB Zone	Margate Sector	Hibberdene CNC	Turton 88kV Traction Substation
Newcastle Zone	Ladysmith Sector	Colenso CNC	Twin Hills 22/11kV Substation
Empangeni Zone	Stanger Sector	Kranskop CNC	Ubejane 132kV Mobile Substation
Newcastle Zone	Ladysmith Sector	Glencoe CNC	Uithoek 88kV Traction Substation
Newcastle Zone	Newcastle Sector	Vryheid CNC	Uitkoms 88kV Substation
Empangeni Zone	Empangeni Sector	Ulundi CNC	Ulundi 88kV Substation
Newcastle Zone	Ladysmith Sector	Colenso CNC	Umbulwana 88kV Traction Substation
PMB Zone	Margate Sector	Greenpoint CNC	Umgababa 88kV Substation
PMB Zone	Margate Sector	Greenpoint CNC	Umkomaas 22kV Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Umlaas 132kV Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Umlaas Road 88kV Traction Substation
PMB Zone	PMB Sector	Cato Ridge CNC	Umlazi 88kV Traction Substation
PMB Zone	Margate Sector	Hibberdene CNC	Umtentweni 88kV Substation
PMB Zone	Kokstad Sector	Umzimkulu CNC	Umzali 132kV Substation
PMB Zone	Kokstad Sector	Umzimkulu CNC	Umzimkulu 22kV Substation
PMB Zone	Kokstad Sector	Umzimkulu CNC	Umzimkulu Town Substation 22/11kV
PMB Zone	Margate Sector	Park Rynie CNC	Umzinto 88kV Substation
PMB Zone	Kokstad Sector	Underberg CNC	Underberg 22/11kV Substation
PMB Zone	PMB Sector	Edendale CNC	Unit BB 11kV Switching Station
PMB Zone	PMB Sector	Edendale CNC	Unit N 11kV Switching Station
PMB Zone	PMB Sector	Edendale CNC	Unit P 11kV Switching Station
PMB Zone	PMB Sector	Edendale CNC	Unit Q 11kV Switching Station
Empangeni Zone	Stanger Sector	Kranskop CNC	Untunjambili Hospital 22/11kV Substation
PMB Zone	Margate Sector	Marina Beach CNC	Uplands Road 11kV Switching Station
Newcastle Zone	Newcastle Sector	Ingagane CNC	Utrecht 88kV Substation
PMB Zone	Margate Sector	Marburg CNC	Uvongo 88kV Substation
Newcastle Zone	Newcastle Sector	Vryheid CNC	Vaalkrans 88kV Substation
Newcastle Zone	Newcastle Sector	Paulpietersburg CNC	Vergenoeg 132kV Substation
Newcastle Zone	Newcastle Sector	Osizweni CNC	Vlaklaagte 132kV Substation
Newcastle Zone	Newcastle Sector	Vryheid CNC	Vryheid 88kV Substation
Newcastle Zone	Newcastle Sector	Vryheid CNC	Vryheid 88kV Traction Substation
PMB Zone	PMB Sector	Howick CNC	Vulindlela 22/11kV Substation
Newcastle Zone	Ladysmith Sector	Colenso CNC	Walkershoek 88kV Traction Substation
PMB Zone	PMB Sector	Wartburg CNC	Wartburg 33/11kV Substation
Newcastle Zone	Ladysmith Sector	Glencoe CNC	Wasbank 88kV Traction Substation
Newcastle Zone	Ladysmith Sector	Estcourt CNC	Weenen 33kV Substation
Newcastle Zone	Ladysmith Sector	Estcourt CNC	Wembezi 33kV Substation
PMB Zone	Kokstad Sector	Ixopo CNC	Wesley 22kV Switching Station

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Newcastle Zone	Ladysmith Sector	Glencoe CNC	Wesselsnek 22/11kV Substation
Newcastle Zone	Ladysmith Sector	Glencoe CNC	Wesselsnek 88kV Traction Substation
PMB Zone	Margate Sector	Harding CNC	Wetherby 132kV Substation
PMB Zone	Margate Sector	Harding CNC	Weza 22kV Substation
Newcastle Zone	Ladysmith Sector	Estcourt CNC	White Mountain 22/11kV Substation
PMB Zone	Margate Sector	Greenpoint CNC	Widenham 88kV Substation
Newcastle Zone	Ladysmith Sector	Estcourt CNC	Willowford 88kV Substation
PMB Zone	Margate Sector	Greenpoint CNC	Winkelspruit 88kV Traction Substation
Newcastle Zone	Ladysmith Sector	Bergville CNC	Winterton 33kV Substation
PMB Zone	Kokstad Sector	Ixopo CNC	Wolseley 22/11kV Substation
Newcastle Zone	Newcastle Sector	Ingagane CNC	Wykom 88kV Traction Substation
Newcastle Zone	Ladysmith Sector	Ladysmith CNC	Zaaifontein 88kV Substation
PMB Zone	PMB Sector	Edendale CNC	Zikali 11kV Switching Station
Empangeni Zone	Stanger Sector	Stanger CNC	Zinkwazi 132kV Substation
Empangeni Zone	Empangeni Sector	Richards Bay CNC	Zircon 132kV Substation

## Key Requirements for RFI Submission:

### 1. Company Profile and Experience:

- Provide an overview of your organization, including its history, size, and core competencies.
- Demonstrate relevant experience in delivering similar services, particularly in high-security or critical infrastructure environments.
- Include examples of past projects, highlighting success stories and measurable outcomes.

### 2. Technical Capability:

- Describe your technical approach to delivering the required services, including any innovative methodologies or technologies you propose to use.
- Provide details on your ability to meet Eskom's specific requirements, such as incident management, regulatory compliance, and technology availability.

### 3. Compliance and Certifications:

- List all relevant certifications, licenses, and accreditations (e.g., PSIRA, FCA, NKP, etc.).
- Confirm your ability to comply with all regulatory and legislative requirements outlined in the RFI.

### 4. Value Proposition:

- Clearly articulate the unique value your organisation brings to Eskom, including cost-effectiveness, innovation, and reliability.
- Highlight any competitive advantages, such as advanced technology, skilled personnel, or proven track record in similar projects.

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**5. Proposed Team and Resources:**

- Provide details of the team that will be assigned to the project, including their qualifications, experience, and roles.
- Describe the resources (e.g., technology, equipment, and infrastructure) you will deploy to ensure successful service delivery.

**6. Risk Management and Contingency Planning:**

- Outline your approach to identifying, mitigating, and managing risks associated with the project.
- Provide examples of contingency plans you have implemented in previous projects to ensure continuity of service.

**7. Preliminary High-Level Cost Estimate:**

- Provide a high-level cost estimate for delivering the required services, including any assumptions or exclusions.
- Note that this estimate is for informational purposes only and will not be binding during the RFP stage.

**8. References:**

- Include at least three references from clients for whom you have delivered similar services, with contact details for verification.

## Compliance with Eskom Standards

**Adherence to Eskom Specifications:** All services, technologies, and systems proposed must comply with Eskom's technical standards and specifications, including but not limited to:

- **CCTV Surveillance:** Compliance with Specification for CCTV Surveillance with Intruder Detection (240-91190304).
- **Access Control Systems:** Compliance with Specification for Integrated Access Control System (IACS) for Eskom Sites (240-102220945).
- **Alarm Systems:** Compliance with Specification for Integrated Security Alarm System for Protection of Eskom Installations and Its Subsidiaries (240-86738968).
- **Intrusion Detection Systems:** Compliance with Standard for Intrusion Pre-Detection Systems Used at Eskom Sites (240-170000691).

**Documentation:** Bidders must provide evidence of compliance with Eskom standards, including technical specifications, certifications, and test reports.

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Value Proposition

- **Innovative Solutions:** Bidders must propose innovative and cost-effective solutions that enhance security outcomes while reducing reliance on physical guarding.
- **Measurable Outcomes:** Bidders must outline measurable outcomes, such as:
  - Reduction in physical guarding personnel.
  - Improved incident detection and response rates.
  - Cost savings through technology integration.
- **Continuous Improvement:** Bidders must demonstrate a commitment to continuous improvement by proposing a **technology roadmap** that outlines how they will introduce and scale innovative solutions over the contract period.