



APPLICATION FOR THE CONNECTION OF A SMALL SCALE EMBEDDED GENERATOR (SSEG) TO THE ESKOM NETWORK

Revision: April 2021 V1.0

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Process

- You are required to complete this application in full and please ensure that if you are an existing Eskom customer you provide the details of your existing supply.
- Eskom will acknowledge receipt of the application and will contact you using details provided.
- Once all the relevant information has been gathered by Eskom from the Customer (or the technical agent representing the Customer) Eskom will respond to the application in the form of a Quotation fee and thereafter a quotation containing connection charges for the connection works that will be required.
- The quote will comprise of the network impact and limitations (if any), technical scope of work, timing of the commissioning date, and terms and conditions that may apply.
- The work required on Eskom's side will only start once the applicant has accepted Eskom's quotation and any other agreements that are applicable, in writing.
- The applicant will be required to comply with the requirements set out in Schedule 2 of the Electricity Regulation Act (ERA) regarding licensing, registration or to be exempt from registration, for your generation facility. ***Any installation that requires a license or registration approval from NERSA is required to obtain this approval before Eskom will allow the connection to the grid.***
- As part of the Eskom technical requirements, the customer must at own cost:
 - o provide an isolation point after the Eskom meter that is accessible by Eskom (within 2m from Eskom meter).
 - o provide a DGSL(Dead Grid Safety Lock) if there is no isolator.
 - o have the "embedded generation installation (EGI) compliance test report" which forms part of Eskom's connection and use of system agreement completed by a professionally registered competent person. A copy of this report can be found on the Eskom website.

Applicable technical and other relevant documents:

It is the applicant's responsibility to comply with:

- The applicable technical, design and operational standards detailed in the Eskom Standards, South African National Standards, South African Grid Code and the applicable South African Distribution Codes. Copies of the applicable Codes may be downloaded from NERSA's website - www.nersa.org.za.
- The Occupational Health and Safety Act, (Act 85 of 1993) and the requirement for a Certificate of Compliance for SSEG connections.

Information on the Eskom standards can be obtained by registering on the NRS website: <https://scot.eskom.co.za> and use the following steps:

1. Click on "Login" on the right hand corner, and a login field will appear.
2. Click on "New user" and fill in your details as complete as possible.
3. Click on "Submit"

The Electricity Regulation Act 6 of 2006 details the legislative requirements with regard to the generation, transmission, distribution and trading of electricity. In this regard, you will be required to comply with any conditions in the Act that may pertain to generation and trading of energy as applicable.

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Environmental Requirements:

The applicant must ensure that they are aware of:

- the statutory approvals from all regulatory bodies, infrastructure providers and utilities that are required for the construction and operation of a generation plant and associated activities,
- infrastructure traversing land needs to be protected by a servitude/s, which is registered against the title deed of the affected property.

Eskom contact details:

To complete an application form, please contact Eskom on **08600 37566**, or go to the Eskom website www.eskom.co.za to complete an online application form at <https://www.eskom.co.za/CustomerCare/NewSupply/Pages/GeneratorConnect.aspx>

Standard quotation fee for SSEG customers from 1 April 2021 till 31 March 2022.

The cost of producing a generator quotation is an actual cost to Eskom and a standard quotation fee will be charged for the generator quotation.


The quotation fee will be payable upfront and will form part of the connection charge. This fee is non-refundable if the quote is not accepted by the customer. Customers are to be advised of the fees payable upfront as required in terms of the Consumer Protection Act.

SUPPLY SIZE CATERGORY	APPLICABLE STANDARD QUOTATION FEE
0 – 350kW (SSEG with an existing LV Eskom supply)	R 1 861.15 + VAT = R 2 140.32
> 350kW – 1MW (SSEG with an existing LV Eskom supply)	R 3 356.52 + VAT = R 3 860.00
> 0kW – 1MW (SSEG with an existing MV Eskom supply)	R 16 765.22 + VAT = R 19 280
*These fees are subject to change based on the approved rates per year	

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	Application for the connection of a small scale embedded generator (SSEG) to the Eskom network	Template identifier	240-xxxxxxxx	Rev	0
		Document identifier	240-156267360		
		Effective date	April 2020		
		Review date	March 2022		

DETAILS OF APPLICANT											
Existing customer <input type="checkbox"/>		New application <input type="checkbox"/>									
1. Existing customer account number of applicable supply point.	(Please attach recent Eskom bill of point of supply where SSEG is to be connected)										
2. Name of Eskom customer / applicant		Identity No.									
3. Eskom Customer Contact Details	Cell No.	e-Mail:									
4. Company name		CC Reg. No.									
5. Company Contact person											
6. Company Contact details	Cell No.	e-Mail:									
7. Name of developer/installer		CC Reg. No.									
8. Developer/Installer contact details	Cell No.	e-Mail:									
9. Date of application	<table border="1"> <tr> <td>Y</td><td>Y</td><td>Y</td><td>Y</td><td>M</td><td>M</td><td>D</td><td>D</td> </tr> </table>			Y	Y	Y	Y	M	M	D	D
Y	Y	Y	Y	M	M	D	D				
10. Postal address:	P O Box:										
	City / Town		Postal Code:								
11. Physical address of the connection site and GPS coordinates (Degrees, minutes and seconds (DMS) e.g. 41°24'12.2"S 2°10'26.5"E.)											
12. Pole number of transformer where generator is to be connected											
13. Current tariff of supply point											
14. Letter of permission (If required)	Letter granting the project developer permission to apply on the customer's behalf from the developers client (Eskom customer).										


Signature of Eskom Customer / applicant	
Name & Surname:	Date:

Signature of Installer/developer:	
Name & Surname	Date:

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GENERAL AND TECHNICAL INFORMATION

1. Size of planned Generator installation (output in kilowatt peak)planned kW															
2. Will the power generated be used for Direct Connection on Single Account OR for Reconciliation of multiple Eskom Accounts? Please tick applicable box. If Multiple accounts, please list the accounts.	Direct Connection (Single Acc.) <input type="checkbox"/> Reconciliation of multiple Eskom Accounts <input type="checkbox"/> <table border="1" style="width: 100%;"> <thead> <tr> <th>Account Number</th> <th>Account Number</th> </tr> </thead> <tbody> <tr><td>1.</td><td>6.</td></tr> <tr><td>2.</td><td>7.</td></tr> <tr><td>3.</td><td>8.</td></tr> <tr><td>4.</td><td>9.</td></tr> <tr><td>5.</td><td>10.</td></tr> </tbody> </table>	Account Number	Account Number	1.	6.	2.	7.	3.	8.	4.	9.	5.	10.			
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5.	10.															
3. Is the existing Eskom supply point from a dedicated transformer or a direct medium voltage (MV) supply – Tick the applicable box) If you know what the transformer size is, please tick appropriate box. (Ignore transformer size tick boxes if you have ticked the MV supply)	Dedicated transformer supply - LV <input type="checkbox"/> Direct (bulk) MV supply <input type="checkbox"/> <table border="1" style="width: 100%;"> <tr> <td>16kVA</td> <td>25 kVA</td> <td>32 kVA</td> <td>50 kVA</td> <td>100 kVA</td> </tr> <tr> <td>200kVA</td> <td>315kVA</td> <td>500kVA</td> <td colspan="2">1MVA</td> </tr> <tr> <td colspan="5">Do not Know <input type="checkbox"/></td> </tr> </table>	16kVA	25 kVA	32 kVA	50 kVA	100 kVA	200kVA	315kVA	500kVA	1MVA		Do not Know <input type="checkbox"/>				
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200kVA	315kVA	500kVA	1MVA													
Do not Know <input type="checkbox"/>																
4. Will the existing NMD (kVA or Amps) need to be amended (YES or NO). If YES, please provide the new NMD in KVA or Amps.	Yes <input type="checkbox"/> No <input type="checkbox"/> If YES, please provide the new NMD in KVA or Amps.kVA orAmps															
5. Will any energy be exported onto the Eskom grid? (YES or No) If YES : <ul style="list-style-type: none"> please provide the maximum export capacity for energy (in kW) to be supplied to the Eskom grid by the generator tariff option for export 	Yes <input type="checkbox"/> No(Own Use) <input type="checkbox"/> kW Offset <input type="checkbox"/> Offset with Banking <input type="checkbox"/>															

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6. Energy source; Wind, PV, Landfill, Biomass, Biogas, Hydro; and generator size.	Indicate with an X which energy source and provide Name plate rating. <table border="1" data-bbox="762 210 1479 434"> <thead> <tr> <th data-bbox="762 210 1066 244">Energy Source</th> <th data-bbox="1066 210 1479 244">Name Plate rating (kW)</th> </tr> </thead> <tbody> <tr> <td data-bbox="762 244 1066 277">Wind</td> <td data-bbox="1066 244 1479 277"></td> </tr> <tr> <td data-bbox="762 277 1066 311">Photovoltaic (PV)</td> <td data-bbox="1066 277 1479 311"></td> </tr> <tr> <td data-bbox="762 311 1066 344">Landfill</td> <td data-bbox="1066 311 1479 344"></td> </tr> <tr> <td data-bbox="762 344 1066 378">Biomass</td> <td data-bbox="1066 344 1479 378"></td> </tr> <tr> <td data-bbox="762 378 1066 412">Biogas</td> <td data-bbox="1066 378 1479 412"></td> </tr> <tr> <td data-bbox="762 412 1066 434">Hydro</td> <td data-bbox="1066 412 1479 434"></td> </tr> </tbody> </table>	Energy Source	Name Plate rating (kW)	Wind		Photovoltaic (PV)		Landfill		Biomass		Biogas		Hydro	
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7. Generator type:	Indicate with an X: <table border="1" data-bbox="762 524 1230 658"> <thead> <tr> <th colspan="2" data-bbox="762 524 1230 557">Generator type</th> </tr> </thead> <tbody> <tr> <td data-bbox="762 557 1123 591">Synchronous</td> <td data-bbox="1123 557 1230 591"></td> </tr> <tr> <td data-bbox="762 591 1123 624">Asynchronous (induction)</td> <td data-bbox="1123 591 1230 624"></td> </tr> <tr> <td data-bbox="762 624 1123 658">Inverter</td> <td data-bbox="1123 624 1230 658"></td> </tr> </tbody> </table>	Generator type		Synchronous		Asynchronous (induction)		Inverter							
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Inverter															
8. Is there an existing backup generator, SSEG or battery and inverter installation on property? (YES or No)	Yes <input type="checkbox"/> No <input type="checkbox"/> If YES, please provide details on size of installation (in kW or Amps)kW ORAmps														
9. Research & Marketing Information <i>(Optional)</i> .	1. If generator installation is unauthorised, when was it originally installed? Insert year: _____ 2. When will the generator be replaced? Insert year: _____ 3. Would you like Eskom to contact you, regarding new available energy offerings to meet your future energy requirements? <input type="checkbox"/> Yes <input type="checkbox"/> No 4. What is/was the installed cost of your generator ? (<R10/W) <input type="checkbox"/> (R10/W – R14/W) <input type="checkbox"/> (R14/W – R18/W) <input type="checkbox"/> (R18/W – R22/W) <input type="checkbox"/> (>R22/W) <input type="checkbox"/>														

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