



APPLICATION FOR CONNECTION OF
SMALL AND MICRO GENERATION
CONNECTED TO AN ESKOM LV
NETWORK

Revision 2

This application form is for the connection of generators to the Eskom Grid where the point of connection is at LV (230 V single phase or 400 V three phase)

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
- Once all the relevant information has been gathered by Eskom from the applicant (or the technical agent) Eskom will respond to the application in the form of a quotation for the connection works that may be required.
- The quote will comprise of the network impact and limitations, technical scope of work (if any), timing of the commissioning date and terms and conditions that may apply.
- Work required on Eskom's side would only start once the applicant has accepted Eskom's quotation and any other agreements that are applicable in writing.
- The customer has to provide Eskom with a "Small and micro generation sign off" letter, to be signed by the technical agent of the customer, which has to be a Competent Person in the definition of the applicable Law(s). A template of the letter is included in this application form.
- Once Eskom has received the letter, all other agreements have been signed and a the required payments have been made, a "Certificate of small and micro Generator Acceptance", will be issued. This will serve as confirmation that the embedded generator installation can be connected.

Applicable technical and other relevant documents

NRS 097-2-1 GRID INTERCONNECTION OF EMBEDDED GENERATION Part 2: Small-scale embedded generation Section 1: Utility interface

NRS 097-2-2 GRID INTERCONNECTION OF EMBEDDED GENERATION Part 2: Small-scale embedded generation Section 2: Embedded generator requirements

NRS 097-2-3

South African Distribution Code.

(<http://www.nersa.org.za/ContentPage.aspx?PageId=276&PageName=Distribution%20Grid%20Code>)

SANS 10142-1

Occupational Health and Safety Act, (Act 85 of 1993) and requirement for a COC

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.

Environmental Requirements:

The applicant must ensure that they are aware of:

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

This document is in draft format and was downloaded from www.pgrs.co.za. The intention for the circulation of this document is for contractors to familiarize themselves with the pending standards and requirements for grid connected PV systems to the LV distribution network. Suggested improvements to the document, by industry; will be considered.

Eskom contact details The email addresses of the Eskom Customer Executives dealing with the applications in the various Eskom operating areas are as follows:

Zone 1	Western Cape Eastern Cape	Are - are.vanzyl@eskom.co.za Bradley - BoxB@eskom.co.za Eddie - eddie.leach@eskom.co.za Tembi Platjje - RumbuN@eskom.co.za Livhuwani Nedzingahe NedzinLR@eskom.co.za
Zone 2	Northern Cape Free State Kwazulu Natal	Piet - FerreijP@eskom.co.za Ravi - Ravi.moonsamy@eskom.co.za Lebo - MotoailS@eskom.co.za Zanele Kamwendo - KamwenZ@eskom.co.za Moreetsi Balepile - BalepiMA@eskom.co.za Sibongo Simelane - SimelaJS@eskom.co.za
Zone 3	Gauteng Limpopo Mpumalanga North West	Valmon- valmon.muller@eskom.co.za Helen - helen.bezuidenhout@eskom.co.za Selloane - Selloane.thulo@eskom.co.za Lorato - Loatel@eskom.co.za Modikoe Makhene - MakhenM@eskom.co.za Nthabiseng Llukhozi - LukhozN@eskom.co.za



See map for the Eskom Zones →

An electronic (soft copy) should be submitted to the one of the above email addresses dependant on the Zone of the application as per the map above.

For office use

Received by	
Date received	
Allocation of tracking GTX or project number	

Eskom application form for small or micro-generator connection at LV

Application Form Part 1

DETAILS OF APPLICANT								
Existing customer	<input type="checkbox"/>							
New application	<input type="checkbox"/>							
1. Existing customer account number.								
2. Name of applicant								
3. Identity number or Company/Close Corporation Registration number								
4. Date of application	<table border="1" style="display: inline-table; text-align: center; width: 100px; height: 20px;"> <tr> <td>Y</td><td>E</td><td>A</td><td>R</td><td>M</td><td>M</td><td>D</td> </tr> </table>	Y	E	A	R	M	M	D
Y	E	A	R	M	M	D		
5. Physical address of the connection site or GPS coordinates								
6. Postal address	P O Box:							
	City and Country:							
	Postal Code:							
7. Alternative phone number								
8. Fax number of contact person								
9. Email of contact person								
10. Signature of applicant								

Application Form Part 2

GENERAL AND TECHNICAL INFORMATION	
1. Name of power purchase program used, (If applicable)	
2. Will this energy be produced for own use?	

<p>3. Existing Service point connection phase and circuit breaker rating. Select one of the following:</p> <ul style="list-style-type: none"> • 20A, 1phase; • 60A, 1 phase; • 60A, 3 phase 		
<p>4. Is the existing connection via a dedicated MV/LV transformer? (indicate yes or no) If yes, what is the transformer size? (indicate 16kVA, 25 kVA, 32 kVA, 50 kVA, 64kVA,100kVA, 200kVA, 315kVA, 500kVA)</p>		
<p>5. Existing supply notified maximum demand (kVA or Amp) related to the energy Eskom supplies to you.</p>		
<p>6. Will the existing NMD (KVA or Amps) need to be amended, If so, please provide the new NMD</p>		
<p>7. Will any energy be exported onto the Eskom grid?</p>		
<p>8. If so, please provide the maximum export capacity for energy (KW) to be supplied to the Eskom grid by the generator</p>		
<p>9. Energy source and generator size E.g Wind, PV, Landfill, Biomass, Biogas, Hydro, etc</p>	Energy Source	Name plate rating (kW)
<p>10. Generator type:</p> <ul style="list-style-type: none"> a. Synchronous b. Asynchronous (induction) c. Inverter 		