



ELECTRICITY SERVICES

APPLICATION FOR THE CONNECTION OF SMALL-SCALE EMBEDDED GENERATION (SSEG)

This application form for the connection of embedded generation is for small-scale photo-voltaic embedded generators (SSEG) to be installed by residential or commercial customers.

MINIMUM REQUIREMENTS

1	The metering and/or connection, as may be required, shall be upgraded at the cost of the customer to meet the requirements of The Hills Home Owners Association (HOA).
2	The installation shall comply with NRS 097-2: Grid interconnected of embedded generation: Part 2: Small scale embedded generation.
3	South African Renewable Power Plant Grid code.
4	Inverters/equipment shall be type tested in terms of NRS 097-2-1 (certificates required).
5	The principle of a "net consumer" shall apply i.e. a consumer who over a rolling period of a year, imports (purchases) more energy than he/she exports (puts back into the network of the HOA).
6	The kWp capacity of the plant shall not exceed 50% of the allowed connection capacity.
7	A valid copy of the COC, declaring & depicting the solar plant shall be submitted to the HOA.
8	A professional person, registered with ECSA and appointed by the owner, shall certify the installation in writing.
9	A complete list of applicable standards, specifications and regulations are available on request.
10	The application will not be approved before this fully completed application form is received, to the satisfaction of the Responsible Engineer of the HOA.
11	The installation will not be energised or the export tariff implemented before the acceptance of the commissioning report by the Responsible Engineer of the HOA.

SUBMIT COMPLETED FORM TO:

Reticulation Network Management obo the HOA

Tel: +27 861 222 623

Fax: +27 865 511 592

Email: connections@rnm.co.za

PROPERTY & OWNER DETAILS

Name of property owner:	
Company name (if applicable):	
Company registration number (if applicable):	
Erf Number:	
Physical Address:	
Contact number:	
E-mail address:	

APPLICATION TYPE DESCRIPTION

Tick

Residential	
Commercial/industrial	
New	
Revised application	
Upgrade existing system	
Change of property owner	

RNM/SLR/01

PLANT DETAILS & MODE OF OPERATION (wheeling to third party not allowed)		
Plant kWp (sum of solar panel nameplate kWp rating)		kWp
Battery storage capacity		kWh
Indicate earthing arrangements i.e. TN-C-S		
Please Note: STS Prepaid meters cannot export into the grid, only Smart Meters. Should you require to export into the grid, please contact RNM for a quote to migrate to a Smart Meter.		
Energy from embedded generation to be used within a consumer's electricity network and no excess to be exported to the HOA Electricity's distribution network		Yes/No
Energy from embedded generation to be used within a consumer's electricity network and excess to be exported to the HOA Electricity's distribution network		Yes/No
Property distribution board main circuit breaker size and phases	Amp	Phases
A single line circuit diagram and design showing major components, proposed point of common coupling, isolating and interfacing devices with The HOA electrical network, protection schemes, consumer network, operating characteristics, etc. must be submitted with the application (the single line circuit diagram must be attached to the application).		
MAKE & MODEL OF INVERTER		
Manufacturer and model of inverter:		
AC rating (kVA) total if more than one inverter:		
Single or three phase:		
Type test Certificate of Compliance (NRS 097-2-1, issued by accredited 3rd part test house:		Attached
MAKE & MODEL OF PV MODULE		
Manufacturer of solar module panel:		
Model type:		
Number:		
Nominal maximum power:		kWp
Type test Certificate of Compliance (NRS 097-2-1, issued by accredited 3rd part test house:		Attached
LIST OF REGULATORY APPROVALS, REQUIREMENTS & NORMATIVE VALUES		v
Electricity Regulation Act, Act 4 of 2006 and Electricity Regulation Amendment Act, Act 28 of 2007		
Occupational Health & Safety Act, No. 85 of 1993 as amended		
South African Distribution Code (all parts)		
South African Grid Code (all parts)		
South African Renewable Power Plants Grid Code		
The Hills HOA Electricity Supply Rules & Regulations		
SANS 474 / NRS 057: Code of Practice for Electricity Metering		
SANS 10142- Parts 1 to 4: The wiring of premises (as amended and published)		
NRS 048: Electricity Supply – Quality of Supply		
NRS 097-1: Code of Practice for the interconnection of embedded generation to electricity distribution networks: Part 1 MV and HV		
NRS 097-2: Grid interconnection of embedded generation: Part 2: Small scale embedded generation		
INSTALLER DETAILS		
Installer/Company:		
Contact person name:		
Accreditation/qualification:		
Professional registration category:		
Registration number		
Address:		
	Postal code:	

E-mail address:			
Telephone no:			
Any other additional information:			
DATE:			
SIGNATURE OF INSTALLER:			
PROFESSIONAL PERSON RESPONSIBLE FOR DESIGN & INSTALLATION SIGN-OFF			
Company name:			
Name of responsible Person:			
ECSA Category:			
ECSA Registration Number:			
E-mail address:			
Telephone number:			
DATE:			
SIGNATURE OF PROFESSIONAL PERSON:			
OWNER COMMITMENT, DECLARATION & ACKNOWLEDGEMENT FORM:			
I request The HOA Electricity Services Department to proceed with the review of this embedded generation interconnection application.			
I agree that I will have to pay for both in-house and outsourced engineering studies conducted as part of this review, should these be required.			
A quotation for such work will be provided beforehand, giving me the opportunity to cancel or modify the application should I wish to do so.			
I further consent to The HOA providing this information to NERSA as required.			
The Owner shall be liable to pay any network study charges and/or once-off connection charges (as incurred or required by The HOA).			
The regulator's (NERSA) determinations with regards to tariffs are binding on all parties that use the distribution network for supply, load balancing and Grid back-up.			
The HOA reserves the right to apply and recover all tariff charges from the effective date as approved by NERSA and/or applicable to Resellers (The HOA).			
The HOA reserves the right to alter the tariff in the event the Grid is purely used as a power supply backup option as approved by NERSA.			
I accept that this application will not be approved before the proper completion of this application form and acceptance thereof by the Responsible Engineer of the HOA.			
I accept that this installation will not be energised or the export tariff implemented before the acceptance of the commissioning report by the Responsible Engineer of the HOA.			
DATE:			
SIGNATURE OF OWNER:			
RNM OFFICE USE			
Date application received:		Application ref. no.	
Date application approved:		Approved by:	