



## DECLARATION FOR OFF-GRID SMALL SCALE EMBEDDED GENERATION

This form is for declaration of any off-grid PV small scale embedded generation (SSEG). Please indicate the system applying for:

TYPE OF SYSTEM	TICK
<p><b>Passive standby UPS utilised as off-grid hybrid SSEG</b></p> <p>Typically, a standby storage system that supplies a load from the grid whilst the batteries are charged or supplying the load via an interlocked change-over switch by means of the UPS inverter, operating in stored-energy mode.</p> <p>Applies to any UPS operation functioning according to the following principle:</p> <p>a. The normal mode of operation consists of supplying the load from the grid as primary power source.</p> <p>b. When the latter is outside stated limits, the load is supplied from the UPS inverter, operating in stored-energy mode.</p> <p>Such a system is regarded as off-grid provided it is equipped with a suitably interlocked change-over switch, selectable as follows:</p> <p>i. Charger/rectifier mode (normal): <b>Batteries are charged by the SSEG installation or</b>, if required, by the grid. The grid is the primary power source for all the loads, or;</p> <p>ii. Inverter mode (when the grid supply is interrupted or applicable electrical service conditions are outside stated limits or required tolerances). The grid supply is disconnected and selected loads are supplied from the inverter, within the rating of the energy storage or SSEG.</p>	<input type="checkbox"/>
<p><b>SSEG alternative supply in terms of SANS 10142-1</b></p> <p>SSEG alternative supply that is connected to your building through an interlocked change-over switch.</p>	<input type="checkbox"/>
<p><b>Electrically separated off-grid SSEG installations that is not interlocked with the utility electricity grid as a switched alternative</b></p> <p>Typically, a fully stand-alone system with a separate dedicated load which has no electrical connection to the house network.</p> <p>“Electrically separated” means that all the conductors energised by the electricity generated by the SSEG system:</p> <ul style="list-style-type: none"> <li>- cannot be connected to any electrical conductors which can also be energised at any time from the utility electricity grid supply, and;</li> <li>- are not terminated in or drawn through any enclosure or junction box in which conductors can be energised from the utility electricity grid supply that are terminated or drawn through.</li> </ul>	<input type="checkbox"/>

<b>ERF NUMBER</b>	
<b>PHYSICAL ADDRESS</b>	

<b>PROPERTY OWNER (APPLICANT)</b>	
<b>TITLE</b>	
<b>FIRST NAME</b>	
<b>SURNAME</b>	

<b>PROPERTY OWNER CONTACT DETAILS</b>			
<b>WORK NO.</b>		<b>CELLPHONE NO.</b>	
<b>E-MAIL ADDRESS</b>			

<b>DOCUMENTS TO BE SUBMITTED</b>	
A schematic diagram showing details of the off-grid SSEG installation in relation to the wiring of the premises and The Hill's electricity grid.	<input type="checkbox"/>
A Certificate of Compliance (CoC) and test report	<input type="checkbox"/>



**TOTAL CAPACITY OF THE OFF-GRID EMBEDDED GENERATION (kVA)**

*(Attach schedule for each unit if more than one generation unit or location.)*

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**PROPERTY DISTRIBUTION BOARD MAIN CIRCUIT BREAKER**

<b>AMPERE (A)</b>		<b>PHASE</b> <i>(Tick the appropriate box)</i>	<b>SINGLE</b>		<b>THREE</b>	
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**DESCRIPTION OF ELECTRICAL LOAD SUPPLIED BY THE OFF-GRID EMBEDDED GENERATION**

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**MAKE AND MODEL OF INVERTER**

<b>MANUFACTURER</b>		<b>MODEL</b>				
<b>NUMBER</b>		<b>PHASE</b> <i>(Tick the appropriate box)</i>	<b>SINGLE</b>		<b>THREE</b>	

**BATTERY STORAGE** *(Tick the appropriate box)*

<b>YES</b>		<b>NO</b>		<b>kWh</b>	
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I acknowledge that RNM will proceed with the due diligence review of this off-grid SSEG. I further acknowledge that RNM will provide this information to the National Energy Regulator of SA (NERSA) and other Distributors as/if required.

**DECLARATION**

I/we, the owner(s) of the property, hereby declare that I/we have taken the necessary steps to ensure all information contained in this declaration form is correct. I/we further acknowledge and agree to comply with the provisions of The Hills HOA and Conditions of Supply.

<b>SIGNED (PROPERTY OWNER)</b>	
<b>DATE</b>	



**FOR OFFICE USE**

<b>DATE FORM RECEIVED</b>	
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<b>FURTHER INFORMATION REQUIRED</b>	YES		<b>DATE RECEIVED</b>
	NO		

<b>RNM APPROVAL VIA SITE INSPECTION</b>	YES		<b>DATE APPLICANT ADVISED</b>
	NO		

**PROPERTY EXISTING METERING DETAILS (OFFICE USE)**

<b>METER NO.</b>	
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<b>METER TYPE</b> ( <i>Conventional / prepayment / AMI</i> )	
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