Ephraim Mogale Local Municipality

SMALL-SCALE EMBEDDED GENERATION COMMISSIONING REPORT

Project name:	

Account Holder Details

Name:		
Electricity Account Number:		
ERF No:		
Telephone Number:	Landline:	Mobile:
Email Address:		
Physical address:		

Installer Details

Company name:		
Contact Person Name:		
Telephone:	Landline:	Mobile:
Email address:		
Physical address:		

SSEG Details

Key equipment Manufacturer/s and Model/s:	
Total AC rating (kVA)[1]:	
Single or three phase:	
Serial number/s of key equipment (specify equipment e.g. inverter/s):	

[1] Including any storage connected in parallel which can add to total system output – i.e. via a separate storage inverter.

Attachments Checklist: ✓

Final as-built circuit diagram: *NOTE: The diagram is to clearly indicate point of connection to municipal network, the location of all protection devices, location of all breakers/isolators/disconnectors, measurement location for all protection and control devices, connection point of SSEG to the total system*	
Energy Conversion type test Certificate of Compliance according to NRS 097-2-1, issued by accredited 3rd party test house (mandatory for inverters):	
Electrical installation Certificate of Compliance according to SANS 10142-1 (and SANS10142-1-2 when published):	

Compulsory Declaration and Sign-Off

The SSEG installation complies with the relevant sections of NRS 097-2-1 and NRS 097-2-3:	
The loss of mains protection (anti-islanding) has been checked to be functional in test carried out as part of the on-site commissioning – i.e. a momentary disconnection of the mains supply to the site:	
(If storage connected in parallel:) Anti-islanding arrangements for storage have been inspected and found to be adequate:	
Safety labels have been fitted in accordance with NRS 097-2-1 (distribution board and metering point):	
The SSEG installation complies with the relevant sections of SANS 10142-1 and SANS 10142-1-2 '*The wiring of premises; Specific requirements for embedded generation installations connected to the low voltage distribution Network in South Africa*' standard (as published), and an installation Certificate of Compliance is attached:	
The SSEG installation complies with licensing requirements of NERSA	
Comments:	

SIGN OFF:
Up to 100kVA -
(for PV) Industry Accredited Installer* signoff
OR
ECSA registered Pr Eng or Pr Tech Eng
Over 100kVA –
ECSA registered Pr Eng or Pr Tech Eng

Note: once SANS10142-1-2 is published and electricians are qualified to issue CoCs according to this, such a CoC is all that will be needed - the Industry Accredited Instaler and PR Eng etc signoff will fall away.

Date: Signature:

Registration Details (tick):	Industry Accredited Installer*		ECSA Pr Eng/Tech Eng	
Full Name:				
Company Name:				
Telephone:	Landline:	Mobile:		
Email address:				
Registration No. (ECSA / Industry Accreditation*)				

*eg PV GreenCard