

This application form for the connection of embedded generation is for small-scale embedded generators to be installed by residential, commercial or industrial customers in the Mossel Bay Municipal Area. It is applicable to all forms of embedded electricity generation, including renewable energy and co-generation.

- A separate “Application for a new or modified electricity supply service” form must also be completed, except for installations where reverse power blocking is to be installed.
- If the embedded generator is to be configured as a standby supply after islanding from the utility supply, the generator will have to be connected to the existing internal wiring of the property. In such a case, the property owner must obtain a certificate of compliance from a qualified electrician.
- Consumers residing in residential developments with 11kV bulk electrical supplies need not follow the application process, but are required to follow the policies and procedures of their respective body corporates or home owners’ associations.
- All embedded generation systems installed on the Mossel Bay grid must be signed off during the commissioning stage of the project by accredited persons as determined by the policy.

Steps to follow:

1. Complete the SSEG application form and submit to:	<p>Directorate: Infrastructure Services</p> <p>Tel: (044) 606 5000</p> <p>E-mail: admin@mosselbay.gov.za</p> <p>Physical address:</p> <p>4 George Road</p> <p>Mossel Bay</p> <p>6500</p>
2. Complete a minor building application and submit to:	<p>Directorate: Planning & Economic Development</p> <p>Department: Building Development</p> <p>Tel: (044) 606 5000</p> <p>E-mail: admin@mosselbay.gov.za</p>
3. After commissioning of an approved installation, complete the SSEG Commissioning Report and submit to:	As per Step 1.

APPLICATION FOR THE CONNECTION OF EMBEDDED GENERATION

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Type of application (mark appropriate selection with "X"):

New embedded generation installation	
Revision or upgrading of an existing (previously approved) embedded generation installation	

Owner and Property details / Address of installation:

Property owner details:			
First Name:		Last Name:	
Title:			
Address of installation:			
Erf number:			
Physical address:			
	Postal Code		
Suburb / Farm:			

Property owner contact details:

Telephone (Home):		
Telephone (Work):		
Mobile telephone no.:		
E-mail:		
Postal Address		
	Postal Code	

Application type:

(Tick appropriate box)

Residential	
Commercial / Industrial	
Agricultural	
Other (specify)	

APPLICATION FOR THE CONNECTION OF EMBEDDED GENERATION

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Planned construction schedule:

Planned construction start date for SSEG Installation:	
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Mode of embedded generation:

(Tick appropriate box)

Excess energy to be exported to the Mossel Bay Municipality's electrical network	No	
	Yes	

Embedded generation type:

(Tick appropriate box)

Photo-voltaic (PV Solar)	
Uninterruptable Power Supply (UPS) and battery back-up system without PV solar	
Concentrated solar	
Small-scale hydro	
Landfill gas	
Biomass	
Biogas	
Wind	
Co-generation	
Other (specify)	

Type of energy conversion:

(E.g. synchronous generator, induction generator, inverter, fuel cell, etc.) Include operating characteristic

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Battery storage:

(Tick appropriate box)

Yes		No	
If Yes, indicate capacity (Amp-hours)			

APPLICATION FOR THE CONNECTION OF EMBEDDED GENERATION

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Make & model of key generating equipment:
(Inverter details)

Item 1 (description):	
Manufacturer:	
Model:	
Number of units:	
Single / three phase	
Item 2 (description):	
Manufacturer:	
Model:	
Number of units:	
Single / three phase	

Preliminary design ⁽¹⁾:
(To be attached to this application)

Circuit diagram showing major components, proposed point of common coupling, point of connection, isolating and interfacing devices with Mossel Bay Municipality's electrical network, etc.	
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⁽¹⁾ For guidance in this regard it is recommended that an installer/supplier be consulted.

Total capacity of embedded generation (kVA):
(Attach schedule for each unit if more than one generation unit will be installed on the property)

Total installed capacity (kW peak) of PV panels	
Total installed capacity (kW peak) of inverters	

Property bulk supply circuit breaker rating:

Current Rating (Ampere)	
Number of Phases (single- or three-phase)	

Installer details:

Name of installer:		
Accreditation / Qualification of installer: (Tick appropriate box)	Master Electrician	
	Installation Electrician	
Professional registration with the Department of Labour (DOL), or Electrical Contractor's Board (ECB):	DOL Reg.no	
	ECB Reg.no	
Physical Address:		
	Postal code	
Postal Address:		
	Postal code	
Contact person name:		
Telephone no:	Office:	
	Mobile:	
Email address:		

I request Mossel Bay Municipality's Electrical Services Department to proceed with the review of this embedded generation interconnection application. I understand that:

- I will have to pay for both in-house and outsourced engineering studies conducted as part of this review, should these be required; and
- 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 Mossel Bay Municipality providing this information to the National Transmission Company and other Distributors as required.

Application completed by:

Name:			
Surname:			
Title:			
Postal Address:			
	Postal code		
Telephone no:	Office:		
	Mobile:		
Email address:			

Accredited installer (for installation < 30kVA) or ECSA registered professional:

Name:			
Professional registration:	PV Green Card (SAPVIA)	Reg.no	
1. For SSEG installation < 30kVA:	P4 quality assurance certification (AREP)	Reg.no	
a. PV Green Card (SAPVIA)			
or			
b. P4 certification (AREP)	ECSA	Reg.no	
2. For any SSEG installations:			
a. Engineering Council of South Africa (ECSA) registered professional electrical engineer or technologist			
Contact person:			
Telephone no:	Office:		
	Mobile:		
Email address:			

(Note: Sign-off by an accredited installer or ECSA registered professional is optional at application stage, however it is recommended that a person with the required accreditation that is familiar with the technical details of the intended generation technology, complete this application form)

Signed (Applicant):

Date:

ELECTRICAL SERVICES

MBM/SSEG Rev.3

FOR OFFICE USE

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Date application received:

Application notification no:

Further information required:

YES		NO	
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Date received:

More detailed studies required:

(e.g. fault level, voltage rise, harmonics, protection, voltage stability, etc.)

YES		NO	
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Date completed:

Approved in Principle:

YES		NO	
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Date approved: