





Return Completed To:	Form	Renewable Energy Depa City Power Johannesburg P O Box 38766 Booysens, 2016		Telephone Facsimile jozipvpower@	: (011) 490-7211 : (011) 490-3727 ⊉citypower.co.za	
T/ship Name			ERF No			
Notification no	70020		Account	No		
BP no			Premise			
Council Meter No						
Applicant Contact & Persona	ıl details	Name				
		Telephone Number Facsimile Number				
		E-Mail				
Property/Account Contact & Persona details:		Name				
ucturis.		Telephone Number				
		Facsimile Number				
		E-Mail				
Rating and capacit		Less than 17kVA single phas				
Tick appropriate box	(Less than 55kVA three phase 60/80A Less than 100kVA but three phase 150A connection				
		Greater than 100kVA and les Specify circuit breaker rating	s than 1000)kVA		
Land Type		Residential				
		Business				
		Commercial/Industrial				

Site Plan	Address				
	GPS coordinates				
	For Business/Commercial/I	ndustrial			
	only(Show detailed site pla equipment and grid connec	n/layout with			
Total Capacity of PV (KVA and PF)					
	Energy from PV to be use	d solely within a	a consumer's e	electricity network and	
Grid Connected Mode of PV: tick appropriate box	no excess power to be ex				
	at any time.	·			
	Energy from PV to be use	d within a cons	umer's electric	ity network and excess	
	power to be exported to C	ty Power's Elec	ctricity distribut	tion network	
	Energy from PV to be use	d solely for exp	orting to City P	ower's Electricity	
	distribution network				
	Any of the above with Ene	ray Storage			
	7 any of the above with End				
	D :	0, , , ,		1	
Planned Construction	Projected Construction	Start Date			
Schedule	Projected in-service date of PV installation				
	,			1	
Type of Energy Storage	Does the Embedded G appropriate):	eneration (EG	6) include stor	rage capabilities? (√	
(Battery, UPS etc. Details to be attached)		Voc	Storogo		
,	No_ Storage	Yes_ Storage Only as standby power – cannot operate in			
			parallel and feed onto the grid Connected in parallel to EG – can feed		
			ne grid	er to EG – can reed	
	Storage Manufacturer				
	Storage Type				
	Capacity of storage (kWh)		C-	-rating	
	If connected in				
	parallel - Specify anti-islanding				
	arrangements				
	Manufacturar	<u> </u>			
Inverter Type:	Manufacturer				
	Model				
	Phase(Single/Three)				
	Number of inverters				
	Inverter Rating	l			

Inverter Size and Connection details	Inverter less than 4kVA single phase 60/80A connection					
Tick appropriate box	Inverter less than 15kVA three	e phase 60/80A connection				
	Inverter greater than 15kVA b	ut less than 100kVA three phase connection				
	Inverter greater than 100kVA	but less than 950kVA three phase connection	1			
	Any other (Please specify)					
New or additional Generation	Any existing generation at s	Yes/No				
(Specify details if existing Generation exist)	Existing Generation (Specify details)					
PV panel details:						
. v panor detaile.	Manufacturer					
	Туре					
	Number of panels					
	Power output per panel					
	Output voltage					
	String Output					
Preliminary Design (To be attached) Design overview and documentation including but not limited to Single Line Diagram, more components, proposed point of common coupling, isolating and interfacing devices, with Power's electrical network, invertor type test certificates (as applicable), protection scheme consumer network, metering arrangement and operating Characteristics.						
	Earthing arrangements .i.e. TN-	-C-S				

Network Connection						
Point MV/LV? Isolation point to be used to Connect/disconnect Embedded Generation (EG) from the distribution network. Show in Single Line Diagram						
Details: (Attach details as T	Method of grid sync Auto/Manual, make Type of relay etc)					
Applicable)						
1)	Method of anti-islan Details of scheme, elays to be used et					
Δ.		n to be confied				
((o p g e	any other protection O/C,E/F, over/under frequence ower, back-up implementator transformerth fault, HV breaster pole disagr	er Voltage cy, reverse pedance, ner back-up aker fail, HV				
-	roundi polo dioagi	comonic ctory				
Current Average Monthly		WINTER		SUMMER		
Energy Consumption:			kWh		kWh	
Proposed Total Monthly Energy Generation:	Т	OTAL (Own plus	s Export)	EXPORT		
			kWh		kWh	
Proposed/Expected Export (kWh as per day and time of use)						
Attachments (Tick appropriate box or mar	k Inverter Type	e Test Certificate	е			
not applicable)	Single Line [Single Line Diagram				
	Operational	Operational philosophy and maintence procedure				
	Design / Dra	Design / Drawings				
	Site Plan/La	yout				
	Energy stora	Energy storage component details (if any)				
	Other attach (Please specif					

Supplier / Installer Details

Installing Company	
Responsible Person	
Accreditation / Qualification	
ECSA Professional Registration Category and Reg No.	
Address	
Telephone no (office)	
Telephone no (mobile)	
Facsimile	
Email	

Compliance to Regulatory Approvals and Normative References:

(Tick appropriate box or mark Not applicable)

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) for Embedded Generation	
South African Renewable Power Plants Grid Code	
Municipality Electricity Supply By-Law	
SANS 10142 – Parts 1 to 3: 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	

NERSA license

	No	
Does the system require a license from NERSA? (tick)		
	Yes	

I hereby declare that all the information contained in this application is true and correct.				
APPLICANT:				
Signature				
Responsible Person				
ECSA Category				
ECSA Registration No.				
Date				
PROPERTY OWNER:				
Signed				
Date				

DECLERATION FORM			
т	he applicant hereby acknowledge	es	
The applicant shall be liable to pay any r connection charges (as incurred by City			
The regulator's (NERSA) determinations that use the distribution network for supp	with regards to tariffs are binding on all ly, load balancing and Grid back-up.	parties	
City Power reserves the right to apply and date as approved by NERSA	d recover all tariff charges from the effec	ctive	
City Power reserves the right to alter the power supply backup option as approved	tariff in the event the Grid is purely used by NERSA	l as a	
Name:	Date:	Signature:	
Company Name:	Reg. No.		

FOR OFFICE USE						
Date Application Received:			Application Reference No:			
Acknowledgement Provided:	YES / NO		Date Received:			
Further Information Required:	YES / NO		Date Received:			
Copy to Metering:	YES / NO		Date Complete			
Copy to System Control:	YES / NO		Date Complete			
Site investigation detail	ls(To be completed by	Technology, Pl	anning and Asset N	lanagement Der	partments)	
	, ,				,	
Primary Substation			Size of MV ca	ble		
Name of Distributor						
Maximum Demand						
Size of Mini Sub (kVA) or Dx. transformer	200 300	315	500	630	1000	
Type of Mini Sub A/B						
Primary voltage (kV)	11			6.6		
LV protection @Mini Sub	Fuses			МССВ		
Current Rating	Fuses			МССВ		
LV distributor Underground				Overhead		
Overhead:						
Type and size of conductor						
No. of customers conne	cted					