



Notes:
 Installation, Earthing, and bonding needs to comply with the latest version of the SANS 10142-1 and listed normative references and product specifications e.g. SANS 60364-7-712
 Systems with micro-inverters or power optimisers may have different wiring to that indicated in this drawing

Legend:	
PV module	
Inverter symbol	
3 phase indicator (L1, L2, L3, N)	
Earthed/Bonding symbol	
Circuit breaker	
Municipal electrical meter	
3 (three) Pole	3P
4 (four) Pole	4P
Step up Transformer	
Mega Volt Bus bar	
3 phase indicator (L1, L2, L3)	

REVISION:	Version 01	DATE:		PROJECT NAME:			SHEET	
Municipal Embedded Generation Support Program Template A set of drawings showing acceptable layouts for a range of different systems www.sseg.org.za		EDITOR:		Small Scale Embedded Generator PV 1MW to 20MW (Scalable)		1		
		INSTALLER:						
		SIGNOFF:		Description:		SCALE	1	
		PRINT NAME:		Grid Tied system 3 Phase- 20MW		N/A		