



Modification Proposal submitted by:		Date of submission of proposal:	Modification Proposal number: (to be assigned by Review Panel Secretary)
ESB Networks		02.11.2022	# 62
Contact details for Modification Proposal originator: (If not Distribution Code Review Panel)			
Name	Tony Hearne	Telephone number	087 2238855
E-mail address:		tony.hearne@esb.ie	
Modification Proposal Title:		Housekeeping corrections to reference and moving of power factor text for SPGMs	
Distribution Code section(s) affected by proposal			
DCC6.9.1 DCC12			
Modification Proposal description (clearly state the desired amendment and all text changes. Attach further information if necessary)			
Remove last clause from DCC6.9.1			
DCC6.9	Power Factor and Phase Balance		
DCC6.9.1	The Customer shall take all reasonable steps to operate the Plant and the facility to keep the power factor of the total load at the Connection Point for imported electricity between 0.90 lagging and unity and for exported electricity between 0.95 lagging and unity.		
Replace with DCC12.5.2 to specify power factor requirements for SPGMs. Also, correction to reference in DCC12.5.3, which should point to Table 13 and not Figure 15, as previously indicated.			
DCC12.5.2	By default SPGMs shall keep their Power Factor between 0.95 and unity, importing Vars from the Distribution System.		
DCC12.5.3	For type C & D SPGMs the power factor requirements shall be maintained for the voltages in Figure 15 Table 13.		
DCC12.5.4	DSO phase balance requirements are covered in EN50160.		
Modification Proposal justification (Clearly state the reason for the modification. Attach further information if necessary)			
DCC6.9.1 pre-dates nearly all of the various mods over the decades arising from distributed generation resources. Power factor requirements for PPMs are explicitly stated in DCC11. DCC6.9.1 therefore, by default states PF requirements for SPGMs.			
This mod corrects an error during the adoption of RfG. The intention had always been to move the statement of PF for export in DCC6.9.1 to DCC12, to make it explicit for SPGMs.			
Other instances of the incorrect reference to Figure 15 have been addressed separately in another mod but this one has now also been drawn to our attention.			
Implications of not implementing this modification			
1. Lack of clarity for customers 2. SPGMs not being aware of power factor requirements.			

Please submit modification proposals to the panel secretary by e-mail to: distcodepanel@esb.ie