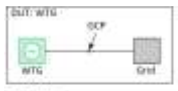

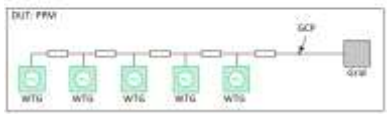

									Operation Scenario							
Scenario No.	Fault type	Fault location	DuT	Residual voltage	Fault duration	change in voltage angle of the positive sequence: Δφ1	RoCoF	delta frequency	Active power (% P_AV)	Reactive power (% P_AV)	Pre-fault voltage	Short circuit ratio SCR=Sk"/Srated	Short circuit impedance ratio Xk"/Rk"	LFSM (ON/OFF)	comment	Acceptance criteria
Scenario 1	**Angle Jump of Grid Voltage**															
S1.WTG.10n.1	Anele Jumo of Grid Voltaee	GCP	WTG	-	steo	-10°	-	0	0% (min)	0%	100%	1.33	10			
S1.WTG.10n.2	Anele Jumo of Grid Voltaee	GCP	WTG	-	steo	-10°	-	0	50%	0%	100%	1,33	10			
S1.WTG.10n.3	Anele Jumo of Grid Voltaee	GCP	WTG	-	step	-10°	-	0	100%	0%	100%	1,33	10			
S1.WTG.10n.4	Angle Jump of Grid Voltage	GCP	WTG	-	step	-10°	-	0	0% (min)	0%	100%	4	10			
S1.WTG.10n.5	Angle Jump of Grid Voltage	GCP	WTG	-	step	-10°	-	0	50%	0%	100%	4	10			
S1.WTG.10n.6	Angle Jump of Grid Voltage	GCP	WTG	-	step	-10°	-	0	100%	0%	100%	4	10			
S1.WTG.10p.1	Angle Jump of Grid Voltage	GCP	WTG	-	step	+10°	-	0	0% (min)	0%	100%	1,33	10			
S1.WTG.10p.2	Angle Jump of Grid Voltage	GCP	WTG	-	step	+10°	-	0	50%	0%	100%	1,33	10			
S1.WTG.10p.3	Angle Jump of Grid Voltage	GCP	WTG	-	step	+10°	-	0	100%	0%	100%	1,33	10			
S1.WTG.10p.4	Angle Jump of Grid Voltage	GCP	WTG	-	step	+10°	-	0	0% (min)	0%	100%	4	10			
S1.WTG.10p.5	Angle Jump of Grid Voltage	GCP	WTG	-	step	+10°	-	0	50%	0%	100%	4	10			
S1.WTG.10p.6	Anele Jumo of Grid Voltaee	GCP	WTG	-	steo	+10°	-	0	100%	0%	100%	4	10			
S1.WTG.30n.1	Anele Jumo of Grid Voltaee	GCP	WTG	-	steo	-30°	-	0	0% (min)	0%	100%	1.33	10			
S1.WTG.30n.2	Angle Jump of Grid Voltage	GCP	WTG	-	step	-30°	-	0	50%	0%	100%	1,33	10			
S1.WTG.30n.3	Angle Jump of Grid Voltage	GCP	WTG	-	step	-30°	-	0	100%	0%	100%	1,33	10			
S1.WTG.30n.4	Angle Jump of Grid Voltage	GCP	WTG	-	step	-30°	-	0	0% (min)	0%	100%	4	10			
S1.WTG.30n.5	Angle Jump of Grid Voltage	GCP	WTG	-	step	-30°	-	0	50%	0%	100%	4	10			
S1.WTG.30n.6	Angle Jump of Grid Voltage	GCP	WTG	-	step	-30°	-	0	100%	0%	100%	4	10			
S1.WTG.30p.1	Angle Jump of Grid Voltage	GCP	WTG	-	step	+30°	-	0	0% (min)	0%	100%	1,33	10			
S1.WTG.30p.2	Angle Jump of Grid Voltage	GCP	WTG	-	step	+30°	-	0	50%	0%	100%	1,33	10			
S1.WTG.30p.3	Angle Jump of Grid Voltage	GCP	WTG	-	step	+30°	-	0	100%	0%	100%	1,33	10			
S1.WTG.30p.4	Angle Jump of Grid Voltage	GCP	WTG	-	step	+30°	-	0	0% (min)	0%	100%	4	10			
S1.WTG.30p.5	Anele Jumo of Grid Voltaee	GCP	WTG	-	steo	+30°	-	0	50%	0%	100%	4	10			
S1.WTG.30p.6	Anele Jumo of Grid Voltaee	GCP	WTG	-	steo	+30°	-	0	100%	0%	100%	4	10			
S1.PPM.10n.1	Angle Jump of Grid Voltage	GCP	PPM	-	step	-10°	-	0	0% (min)	0%	100%	1,33	10			
S1.PPM.10n.2	Angle Jump of Grid Voltage	GCP	PPM	-	step	-10°	-	0	50%	0%	100%	1,33	10			
S1.PPM.10n.3	Angle Jump of Grid Voltage	GCP	PPM	-	step	-10°	-	0	100%	0%	100%	1,33	10			
S1.PPM.10n.4	Angle Jump of Grid Voltage	GCP	PPM	-	step	-10°	-	0	0% (min)	0%	100%	4	10			
S1.PPM.10n.5	Angle Jump of Grid Voltage	GCP	PPM	-	step	-10°	-	0	50%	0%	100%	4	10			
S1.PPM.10n.6	Angle Jump of Grid Voltage	GCP	PPM	-	step	-10°	-	0	100%	0%	100%	4	10			
S1.PPM.10p.1	Angle Jump of Grid Voltage	GCP	PPM	-	step	+10°	-	0	0% (min)	0%	100%	1,33	10			
S1.PPM.10p.2	Angle Jump of Grid Voltage	GCP	PPM	-	step	+10°	-	0	50%	0%	100%	1,33	10			
S1.PPM.10p.3	Angle Jump of Grid Voltage	GCP	PPM	-	step	+10°	-	0	100%	0%	100%	1,33	10			
S1.PPM.10o.4	Anele Jumo of Grid Voltaee	GCP	PPM	-	steo	+10°	-	0	0% (min)	0%	100%	4	10			
S1.PPM.10p.5	Anele Jumo of Grid Voltaee	GCP	PPM	-	steo	+10°	-	0	50%	0%	100%	4	10			
S1.PPM.10p.6	Anele Jumo of Grid Voltaee	GCP	PPM	-	steo	+10°	-	0	100%	0%	100%	4	10			
S1.PPM.30n.1	Angle Jump of Grid Voltage	GCP	PPM	-	step	-30°	-	0	0% (min)	0%	100%	1,33	10			
S1.PPM.30n.2	Angle Jump of Grid Voltage	GCP	PPM	-	step	-30°	-	0	50%	0%	100%	1,33	10			
S1.PPM.30n.3	Angle Jump of Grid Voltage	GCP	PPM	-	step	-30°	-	0	100%	0%	100%	1,33	10			
S1.PPM.30n.4	Angle Jump of Grid Voltage	GCP	PPM	-	step	-30°	-	0	0% (min)	0%	100%	4	10			
S1.PPM.30n.5	Angle Jump of Grid Voltage	GCP	PPM	-	step	-30°	-	0	50%	0%	100%	4	10			
S1.PPM.30n.6	Angle Jump of Grid Voltage	GCP	PPM	-	step	-30°	-	0	100%	0%	100%	4	10			
S1.PPM.30p.1	Angle Jump of Grid Voltage	GCP	PPM	-	step	+30°	-	0	0% (min)	0%	100%	1,33	10			
S1.PPM.30o.2	Anele Jumo of Grid Voltaee	GCP	PPM	-	steo	+30°	-	0	50%	0%	100%	1.33	10			
S1.PPM.30o.3	Anele Jumo of Grid Voltaee	GCP	PPM	-	steo	+30°	-	0	100%	0%	100%	1.33	10			
S1.PPM.30p.4	Angle Jump of Grid Voltage	GCP	PPM	-	step	+30°	-	0	0% (min)	0%	100%	4	10			
S1.PPM.30p.5	Angle Jump of Grid Voltage	GCP	PPM	-	step	+30°	-	0	50%	0%	100%	4	10			
S1.PPM.30p.6	Angle Jump of Grid Voltage	GCP	PPM	-	step	+30°	-	0	100%	0%	100%	4	10			
Scenario 2	**Linear Frequency Change of Grid Voltage**															
S2.WTG.05p.1	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 52Hz	0	+0,5	+2 Hz	0% (min)	0%	100%	1,33	10	ON		
S2.WTG.05p.2	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 52Hz	0	+0,5	+2 Hz	50%	0%	100%	1,33	10	ON		
S2.WTG.05p.3	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 52Hz	0	+0,5	+2 Hz	100%	0%	100%	1,33	10	ON		
S2.WTG.05p.4	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 52Hz	0	+0,5	+2 Hz	0% (min)	0%	100%	4	10	ON		
S2.WTG.05p.5	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 52Hz	0	+0,5	+2 Hz	50%	0%	100%	4	10	ON		
S2.WTG.05p.6	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 52Hz	0	+0,5	+2 Hz	100%	0%	100%	4	10	ON		
S2.WTG.05n.1	Linear Freeuency Change of Grid Voltaee	GCP	WTG	-	50-> 47Hz	0	-0,5	-3 Hz	0% (min)	0%	100%	1,33	10	ON		
S2.WTG.05n.2	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 47Hz	0	-0,5	-3 Hz	50%	0%	100%	1,33	10	ON		
S2.WTG.05n.3	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 47Hz	0	-0,5	-3 Hz	100%	0%	100%	1,33	10	ON		
S2.WTG.05n.4	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 47Hz	0	-0,5	-3 Hz	0% (min)	0%	100%	4	10	ON		
S2.WTG.05n.5	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 47Hz	0	-0,5	-3 Hz	50%	0%	100%	4	10	ON		
S2.WTG.05n.6	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 47Hz	0	-0,5	-3 Hz	100%	0%	100%	4	10	ON		
S2.PPM.05p.1	Linear Frequency Change of Grid Voltage	GCP	PPM	-	50-> 52Hz	0	+0,5	+2 Hz	0% (min)	0%	100%	1,33	10	ON		
S2.PPM.05p.2	Linear Frequency Change of Grid Voltage	GCP	PPM	-	50-> 52Hz	0	+0,5	+2 Hz	50%	0%	100%	1,33	10	ON		
S2.PPM.05p.3	Linear Frequency Change of Grid Voltage	GCP	PPM	-	50-> 52Hz	0	+0,5	+2 Hz	100%	0%	100%	1,33	10	ON		
S2.PPM.05p.4	Linear Frequency Change of Grid Voltage	GCP	PPM	-	50-> 52Hz	0	+0,5	+2 Hz	0% (min)	0%	100%	4	10	ON		
S2.PPM.05o.5	Linear Frequency Change of Grid Voltage	GCP	PPM	-	50-> 52Hz	0	+0,5	+2 Hz	50%	0%	100%	4	10	ON		
S2.PPM.05o.6	Linear Frequency Change of Grid Voltage	GCP	PPM	-	50-> 52Hz	0	+0,5	+2 Hz	100%	0%	100%	4	10	ON		
S2.PPM.05n.1	Linear Frequency Change of Grid Voltage	GCP	PPM	-	50-> 47Hz	0	-0,5	-3 Hz	0% (min)	0%	100%	1,33	10	ON		
S2.PPM.05n.2	Linear Frequency Change of Grid Voltage	GCP	PPM	-	50-> 47Hz	0	-0,5	-3 Hz	50%	0%	100%	1,33	10	ON		
S2.PPM.05n.3	Linear Frequency Change of Grid Voltage	GCP	PPM	-	50-> 47Hz	0	-0,5	-3 Hz	100%	0%	100%	1,33	10	ON		
S2.PPM.05n.4	Linear Frequency Change of Grid Voltage	GCP	PPM	-	50-> 47Hz	0	-0,5	-3 Hz	0% (min)	0%	100%	4	10	ON		
S2.PPM.05n.5	Linear Frequency Change of Grid Voltage	GCP	PPM	-	50-> 47Hz	0	-0,5	-3 Hz	50%	0%	100%	4	10	ON		
S2.PPM.05n.6	Linear Frequency Change of Grid Voltage	GCP	PPM	-	50-> 47Hz	0	-0,5	-3 Hz	100%	0%	100%	4	10	ON		
S2b.WTG.05p.1	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 52Hz	0	+0,5	+2 Hz	0% (min)	0%	100%	1,33	10	OFF		
S2b.WTG.05p.2	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 52Hz	0	+0,5	+2 Hz	50%	0%	100%	1,33	10	OFF		
S2b.WTG.05p.3	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 52Hz	0	+0,5	+2 Hz	100%	0%	100%	1,33	10	OFF		
S2b.WTG.05o.1	Linear Frequency Change of Grid Voltaee	GCP	WTG		50-> 47Hz	0	-0.5	-3 Hz	0% (min)	0%	100%	1.33	10	OFF		
S2b.WTG.05p.2	Linear Frequency Change of Grid Voltage	GCP	WTG		50-> 47Hz	0	-0,5	-3 Hz	50%	0%	100%	1,33	10	OFF		
S2b.WTG.05p.3	Linear Frequency Change of Grid Voltage	GCP	WTG		50-> 47Hz	0	-0,5	-3 Hz	100%	0%	100%	1,33	10	OFF		
Szenario 3	**Linear Frequency Change of Grid Voltage**															
S3.WTG.20p.1	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 52Hz	0	+2	+2 Hz	0% (min)	0%	100%	1,33	10	ON		
S3.WTG.20p.2	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 52Hz	0	+2	+2 Hz	50%	0%	100%	1,33	10	ON		
S3.WTG.20p.3	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 52Hz	0	+2	+2 Hz	100%	0%	100%	1,33	10	ON		
S3.WTG.20p.4	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 52Hz	0	+2	+2 Hz	0% (min)	0%	100%	4	10	ON		
S3.WTG.20p.5	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 52Hz	0	+2	+2 Hz	50%	0%	100%	4	10	ON		
S3.WTG.20p.6	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 52Hz	0	+2	+2 Hz	100%	0%	100%	4	10	ON		
S3.WTG.20n.1	Linear Freeuency Change of Grid Voltaee	GCP	WTG	-	50-> 47Hz	0	-2	+3 Hz	0% (min)	0%	100%	1.33	10	ON		
S3.WTG.20n.2	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 47Hz	0	-2	+3 Hz	50%	0%	100%	1,33	10	ON		
S3.WTG.20n.3	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 47Hz	0	-2	+3 Hz	100%	0%	100%	1,33	10	ON		
S3.WTG.20n.4	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 47Hz	0	-2	+3 Hz	0% (min)	0%	100%	4	10	ON		
S3.WTG.20n.5	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 47Hz	0	-2	+3 Hz	50%	0%	100%	4	10	ON		
S3.WTG.20n.6	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 47Hz	0	-2	+3 Hz	100%	0%	100%	4	10	ON		
S3.PPM.20p.1	Linear Frequency Change of Grid Voltage	GCP	PPM	-	50-> 52Hz	0	+2	+2 Hz	0% (min)	0%	100%	1,33	10	ON		
S3.WTG.20p.2	Linear Frequency Change of Grid Voltage	GCP	PPM	-	50-> 52Hz	0	+2	+2 Hz	50%	0%	100%	1,33	10	ON		
S3.WTG.20p.3	Linear Frequency Change of Grid Voltage	GCP	PPM	-	50-> 52Hz	0	+2	+2 Hz	100%	0%	100%	1,33	10	ON		
S3.WTG.20p.4	Linear Frequency Change of Grid Voltage	GCP	PPM	-	50-> 52Hz	0	+2	+2 Hz	0% (min)	0%	100%	4	10	ON		
S3.WTG.20p.5	Linear Frequency Change of Grid Voltage	GCP	PPM	-	50-> 52Hz	0	+2	+2 Hz	50%	0%	100%	4	10	ON		
S3.WTG.20o.6	Linear Frequency Change of Grid Voltaee	GCP	PPM	-	50-> 52Hz	0	+2	+2 Hz	100%	0%	100%	4	10	ON		
S3.WTG.20n.1	Linear Freeuency Change of Grid Voltaee	GCP	PPM	-	50-> 47Hz	0	-2	+3 Hz	0% (min)	0%	100%	1.33	10	ON		
S3.WTG.20n.2	Linear Frequency Change of Grid Voltage	GCP	PPM	-	50-> 47Hz	0	-2	+3 Hz	50%	0%	100%	1,33	10	ON		
S3.WTG.20n.3	Linear Frequency Change of Grid Voltage	GCP	PPM	-	50-> 47Hz	0	-2	+3 Hz	100%	0%	100%	1,33	10	ON		
S3.WTG.20n.4	Linear Frequency Change of Grid Voltage	GCP	PPM	-	50-> 47Hz	0	-2	+3 Hz	0% (min)	0%	100%	4	10	ON		
S3.WTG.20n.5	Linear Frequency Change of Grid Voltage	GCP	PPM	-	50-> 47Hz	0	-2	+3 Hz	50%	0%	100%	4	10	ON		
S3.WTG.20n.6	Linear Frequency Change of Grid Voltage	GCP	PPM	-	50-> 47Hz	0	-2	+3 Hz	100%	0%	100%	4	10	ON		
S2b.WTG.20p.1	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 52Hz	0	+2	+2 Hz	0% (min)	0%	100%	1,33	10	OFF		
S2b.WTG.20p.2	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 52Hz	0	+2	+2 Hz	50%	0%	100%	1,33	10	OFF		
S2b.WTG.20p.3	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 52Hz	0	+2	+2 Hz	100%	0%	100%	1,33	10	OFF		
S2b.WTG.20n.1	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 47Hz	0	-2	-3 Hz	0% (min)	0%	100%	1,33	10	OFF		
S2b.WTG.20n.2	Linear Frequency Change of Grid Voltage	GCP	WTG	-	50-> 47Hz	0	-2	-3 Hz	50%	0%	100%	1.33	10	OFF		
S2b.WTG.20n.3	Linear Frequency Change of Grid Voltaee	GCP	WTG	-	50-> 47Hz	0	-2	-3 Hz	100%	0%	100%	1.33	10	OFF		
Szenario 4	**Amplitude Jump of Grid Voltage**															
S4.WTG.95.1	Amplitude Jump of Grid Voltage	GCP	WTG	90%	step	0	0	0	0% (min)	0%	100%	1,33	10			
S4.WTG.95.2	Amplitude Jump of Grid Voltage	GCP	WTG	90%	step	0	0	0	50%	0%	100%	1,33	10			
S4.WTG.95.3	Amplitude Jump of Grid Voltage	GCP	WTG	90%	step	0	0	0	100%	0%	100%	1,33	10			
S4.WTG.95.4	Amplitude Jump of Grid Voltage	GCP	WTG	90%	step	0	0	0	0% (min)	0%	100%	4	10			
S4.WTG.95.5	Amplitude Jump of Grid Voltage	GCP	WTG	90%	step	0	0	0	50%	0%	100%	4	10			
S4.WTG.95.6	Amplitude Jump of Grid Voltage	GCP	WTG	90%	step	0	0	0	100%	0%	100%	4	10			
S4.WTG.110.1	Amplitude Jump of Grid Voltaee	GCP	WTG	110%	steo	0	0	0	0% (min)	0%	100%	1.33	10			
S4.WTG.110.2	Amplitude Jumo of Grid Voltaee	GCP	WTG	110%	steo	0	0	0	50%	0%	100%	1.33	10			
S4.WTG.110.3	Amplitude Jumo of Grid Voltaee	GCP	WTG	110%	steo	0	0	0	100%	0%	100%	1.33	10			
S4.WTG.110.4	Amplitude Jump of Grid Voltage	GCP	WTG	110%	step	0	0	0	0% (min)	0%	100%	4	10			
S4.WTG.110.5	Amplitude Jump of Grid Voltage	GCP	WTG	110%	step	0	0	0	50%	0%	100%	4	10			
S4.WTG.110.6	Amplitude Jump of Grid Voltage	GCP	WTG	110%	step	0	0	0	100%	0%	100%	4	10			
S4.PPM.95.1	Amplitude Jump of Grid Voltage	GCP	PPM	90%	step	0	0	0	0% (min)	0%	100%	1,33	10			
S4.PPM.95.2	Amplitude Jump of Grid Voltage	GCP	PPM	90%	step	0	0	0	50%	0%	100%	1,33	10			
S4.PPM.95.3	Amplitude Jump of Grid Voltage	GCP	PPM	90%	step	0	0	0	100%	0%	100%	1,33	10			
S4.PPM.95.4	Amplitude Jump of Grid Voltage	GCP	PPM	90%	step	0	0	0	0% (min)	0%	100%	4	10			
S4.PPM.95.5	Amplitude Jump of Grid Voltage	GCP	PPM	90%	step	0	0	0	50%	0%	100%	4	10			
S4.PPM.95.6	Amplitude Jump of Grid Voltage	GCP	PPM	90%	step	0	0	0	100%	0%	100%	4	10			
S4.PPM.110.1	Amplitude Jump of Grid Voltaee	GCP	PPM	110%	steo	0	0	0	0% (min)	0%	100%	1.33	10			
S4.PPM.110.2	Amplitude Jump of Grid Voltage	GCP	PPM	110%	step	0	0	0	50%	0%	100%	1,33	10			
S4.PPM.110.3	Amplitude Jump of Grid Voltage	GCP	PPM	110%	step	0	0	0	100%	0%	100%	1,33	10			
S4.PPM.110.4	Amplitude Jump of Grid Voltage	GCP	PPM	110%	step	0	0	0	0% (min)	0%	100%	4	10			
S4.PPM.110.5	Amplitude Jump of Grid Voltage	GCP	PPM	110%	step	0	0	0	50%	0%	100%	4	10			
S4.PPM.110.6	Amplitude Jump of Grid Voltage	GCP	PPM	110%	step	0	0	0	100%	0%	100%	4	10			
Scenario 5	**Change in Short-Circuit Power of the Grid**															
S5.WTG.1	Change in Short-Circuit Power of the Grid	GCP	WTG	-	-	-	-	-	0% (min)	0%	100%	4 -> 2,67	10			
S5.WTG.2	Change in Short-Circuit Power of the Grid	GCP	WTG	-	-	-	-	-	50%	0%	100%	4 -> 2,67	10			
S5.WTG.1	Change in Short-Circuit Power of the Grid	GCP	WTG	-	-	-	-	-	100%	0%	100%	4 -> 2,67	10			
S5.WTG.2	Change in Short-Circuit Power of the Grid	GCP	WTG	-	-	-	-	-	0% (min)	0%	100%	2,67 -> 1,33	10			
S5.WTG.1	Change in Short-Circuit Power of the Grid	GCP	WTG	-	-	-	-	-	50%	0%	100%	2,67 -> 1,33	10			
S5.WTG.2	Change in Short-Circuit Power of the Grid	GCP	WTG	-	-	-	-	-	100%	0%	100%	2,67 -> 1,33	10			
S5.PPM.1	Change in Short-Circuit Power of the Grid	GCP	PPM	-	-	-	-	-	0% (min)	0%	100%	4 -> 2,67	10			
S5.PPM.2	Change in Short-Circuit Power of the Grid	GCP	PPM	-	-	-	-	-	50%	0%	100%	4 -> 2,67	10			
S5.PPM.3	Change in Short-Circuit Power of the Grid	GCP	PPM	-	-	-	-	-	100%	0%	100%	4 -> 2,67	10			
S5.PPM.4	Change in Short-Circuit Power of the Grid	GCP	PPM	-	-	-	-	-	0% (min)	0%	100%	2,67 -> 1,33	10			
S5.PPM.5	Change in Short-Circuit Power of the Grid	GCP	PPM	-	-	-	-	-	50%	0%	100%	2,67 -> 1,33	10			
S5.PPM.6	Change in Short-Circuit Power of the Grid	GCP	PPM	-	-	-	-	-	100%	0%	100%	2,67 -> 1,33	10			
Scenario 6	**Three-Phase Fault without Residual Voltage**															
S6.PPM.150.1	Three-Phase Fault	1st WTG	PPM	0	150 ms	-	-	-	0% (min)	0%	100%	1,33	10			
S6.PPM.150.2	Three-Phase Fault	1st WTG	PPM	0	150 ms	-	-	-	50%	0%	100%	1.33	10			
S6.PPM.150.3	Three-Phase Fault	1st WTG	PPM	0	150 ms	-	-	-	100%	0%	100%	1.33	10			
S6.PPM.150.4	Three-Phase Fault	1st WTG	PPM	0	150 ms	-	-	-	0% (min)	0%	100%	4	10			
S6.PPM.150.5	Three-Phase Fault	1st WTG	PPM	0	150 ms	-	-	-	50%	0%	100%	4	10			
S6.PPM.150.6	Three-Phase Fault	1st WTG	PPM	0	150 ms	-	-	-	100%	0%	100%	4	10			
Scenario 7	**Three-Phase Fault with Residual Voltage**															
S7.PPM.350.1	Three-Phase Fault	1st WTG	PPM	0,5	350 ms	-	-	-	0% (min)	0%	100%	1,33	10			
S7.PPM.350.2	Three-Phase Fault	1st WTG	PPM	0,5	350 ms	-	-	-	50%	0%	100%	1,33	10			
S7.PPM.350.3	Three-Phase Fault	1st WTG	PPM	0,5	350 ms	-	-	-	100%	0%	100%	1,33	10			
S7.PPM.350.4	Three-Phase Fault	1st WTG	PPM	0,5	350 ms	-	-	-	0% (min)	0%	100%	4	10			
S7.PPM.350.5	Three-Phase Fault	1st WTG	PPM	0,5	350 ms	-	-	-	50%	0%	100%	4	10			
S7.PPM.350.6	Three-Phase Fault	1st WTG	PPM	0,5	350 ms	-	-	-	100%	0%	100%	4	10			
Scenario 8	**Phase-to-Phase Fault without Residual Voltaee**															
S8.PPM.150.1	Phase-to-Phase Fault	1st WTG	PPM	0	150 ms	-	-	-	0% (min)	0%	100%	1,33	10		Ph. A&B	
S8.PPM.150.2	Phase-to-Phase Fault	1st WTG	PPM	0	150 ms	-	-	-	50%	0%	100%	1,33	10		Ph. B&C	
S8.PPM.150.3	Phase-to-Phase Fault	1st WTG	PPM	0	150 ms	-	-	-	100%	0%	100%	1,33	10		Ph. C&A	
S8.PPM.150.4	Phase-to-Phase Fault	1st WTG	PPM	0	150 ms	-	-	-	0% (min)	0%	100%	4	10		Ph. A&B	
S8.PPM.150.5	Phase-to-Phase Fault	1st WTG	PPM	0	150 ms	-	-	-	50%	0%	100%	4	10		Ph. B&C	
S8.PPM.150.6	Phase-to-Phase Fault	1st WTG	PPM	0	150 ms	-	-	-	100%	0%	100%	4	10		Ph. C&A	
Scenario 9	**Phase-to-Ground Fault without Residual Voltage**															
S9.PPM.150.1	Phase-to-Ground Fault	1st WTG	PPM	0	150 ms	-	-	-	0% (min)	0%	100%	1,33	10		Ph. A	
S9.PPM.150.2	Phase-to-Ground Fault	1st WTG	PPM	0	150 ms	-	-	-	50%	0%	100%	1,33	10		Ph. B	
S9.PPM.150.3	Phase-to-Ground Fault	1st WTG	PPM	0	150 ms	-	-	-	100%	0%	100%	1,33	10		Ph. C	
S9.PPM.150.4	Phase-to-Ground Fault	1st WTG	PPM	0	150 ms	-	-	-	0% (min)	0%	100%	4	10		Ph. A	
S9.PPM.150.5	Phase-to-Ground Fault	1st WTG	PPM	0	150 ms	-	-	-	50%	0%	100%	4	10		Ph. B	
S9.PPM.150.6	Phase-to-Ground Fault	1st WTG	PPM	0	150 ms	-	-	-	100%	0%	100%	4	10		Ph. C	
Scenario 10	**Three-Phase Fault and a Following SCR Change**															
S10.PPM.1	Three-Phase Fault and a Following SCR Change	1st WTG	PPM	0	150 ms	-	-	-	100%	0%	100%	4 -> 1,33 (t=151 ms)	10			
S10.PPM.5	Three-Phase Fault and a Following SCR Change	1