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Four different scenarios have been defined: •SG2 has always the same rated power (100 MW) •Rated power of SG1 is reduced, decreasing also the inertia of the syste •Load is constant, so the converters share the power not delivered by S proportionally to their rated power $\frac{\hline Scen. Initial SGs (MW) Initial SGs (\%) Final SGs (\%)}{1 200 36.4 18.2}$	≥m SG1	
•SG2 has always the same rated power (100 MW) •Rated power of SG1 is reduced, decreasing also the inertia of the syste •Load is constant, so the converters share the power not delivered by S proportionally to their rated power $\frac{\hline Scen. Initial SGs (MW) Initial SGs (\%) Final SGs (\%)}{1 200 36.4 18.2}$	em SG1	
 Rated power of SG1 is reduced, decreasing also the inertia of the syste Load is constant, so the converters share the power not delivered by S proportionally to their rated power Scen. Initial SGs (MW) Initial SGs (%) Final SGs (%) 1 200 36.4 18.2 150 27.3 0.1 	em SG1	
•Load is constant, so the converters share the power not delivered by S proportionally to their rated power $\frac{\boxed{\text{Scen. Initial SGs (MW) Initial SGs (\%) Final SGs (\%)}_{1 & 200 & 36.4 & 18.2}}{2 & 150 & 27.3 & 0.1}$	61	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		
2 150 27.3 0.1		
2 150 27.5 9.1		
3 125 22.7 4.6		
4 112.5 20.5 2.3		







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Thank you for your attention!

carlos.collados@citcea.upc.edu