



















Simulation	nditions		
	Items	Setting Value	
	Base MVA	10 MW	
	Upper and lower limits of generation output of DE	0.1 – 0.7 p.u	
	Upper and lower limits of generation output of GE	0.1 – 0.5 p.u	
	Moment of inertia of entire microgrid	2 sec	
	Damping coefficient of entire microgrid	1 p.u	
	Equivalent inertia, <i>Meq</i>	5 sec	
	Control gain, Ksi	-3	
	Rated capacity of wind turbine	3.5 MW	
 The effectiveness of the proposed method was tested based on a microgrid model which consists of diesel engine generator, gas engine generator, photovoltaic, wind turbine and load. 			

















