

Table 1: Renewables configuration

Parameter	Wind onshore	Wind offshore	Solar
Local time	Europe/Berlin	Europe/Berlin	Europe,
Location	Dietrichsfeld	Riffgat	Oldenbu
Electricity	kW	kW	kW
Latitude	53.5288°	53.6903°	53.1756
Longitude	7.4704°	6.4811°	8.1719°
Dataset	Merra2	Merra2	Merra2
Capacity	1	1	1
Tilt/Azimuth	/	/	35°/180
Height	135 m	90 m	/
Turbine	Enercon E126 3500	Siemens SWT 3.6 120	/