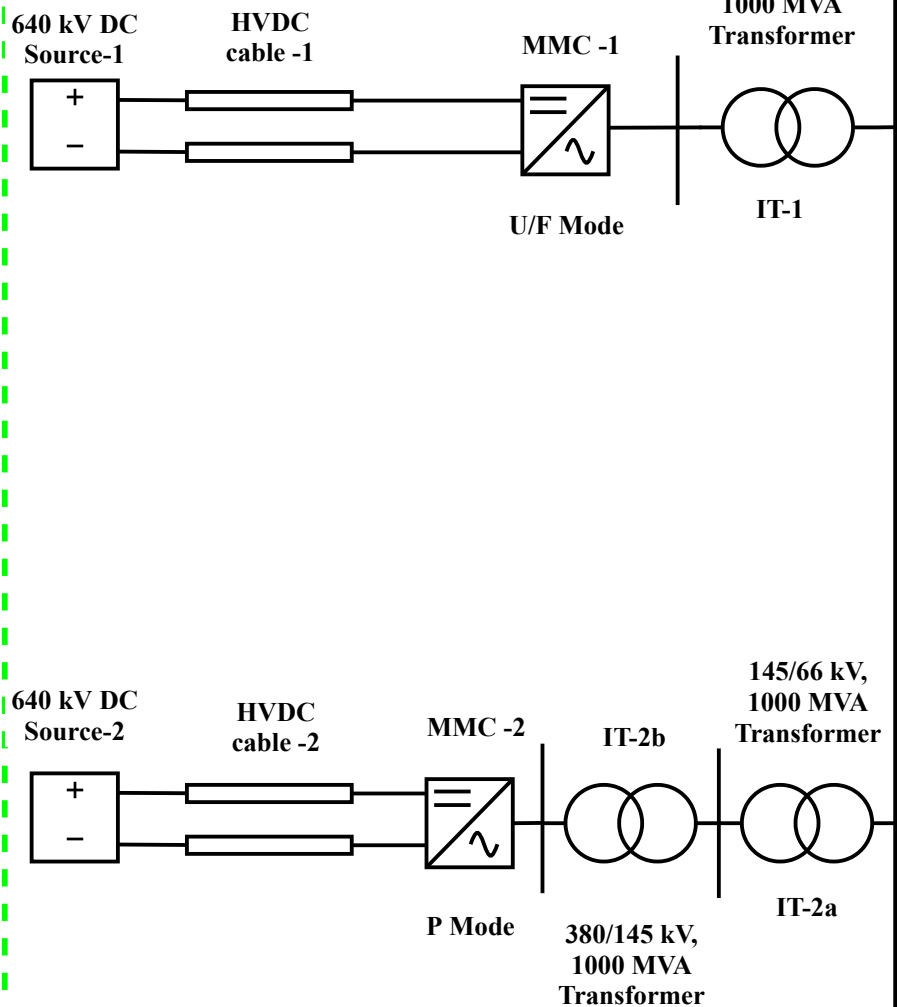


Subsystem-1



MMC
Bus

66 kV
HVAC
cable -1
CB-1a CB-1b

380/66 kV,
1000 MVA
Transformer
IT-1

MMC -1
U/F Mode

66 kV
HVAC
cable -2
CB-2a CB-2b

145/66 kV,
1000 MVA
Transformer
IT-2a IT-2b

MMC -2
P Mode

380/145 kV,
1000 MVA
Transformer

66 kV
HVAC
cable -4
CB-4a CB-4b

PCC -4

T-4

PCC -3

T-3

PCC -2

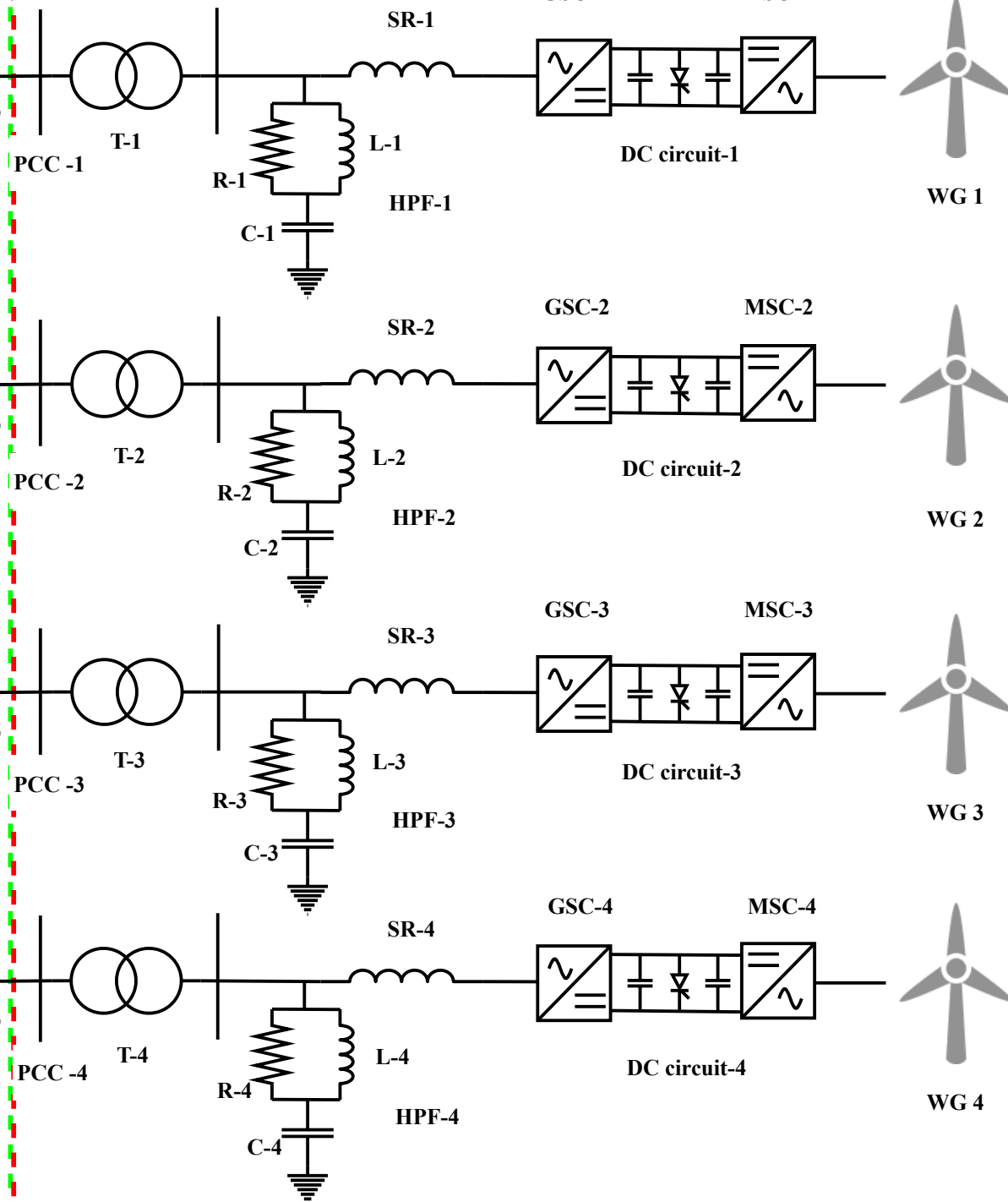
T-2

PCC -1

T-1

66/2 kV, 6 MVA
Transformer-
Scale up to 500 MVA

Subsystem-2



0.9 kV,
6 MVA
Wind
Generator

WG 1

WG 2

WG 3

WG 4