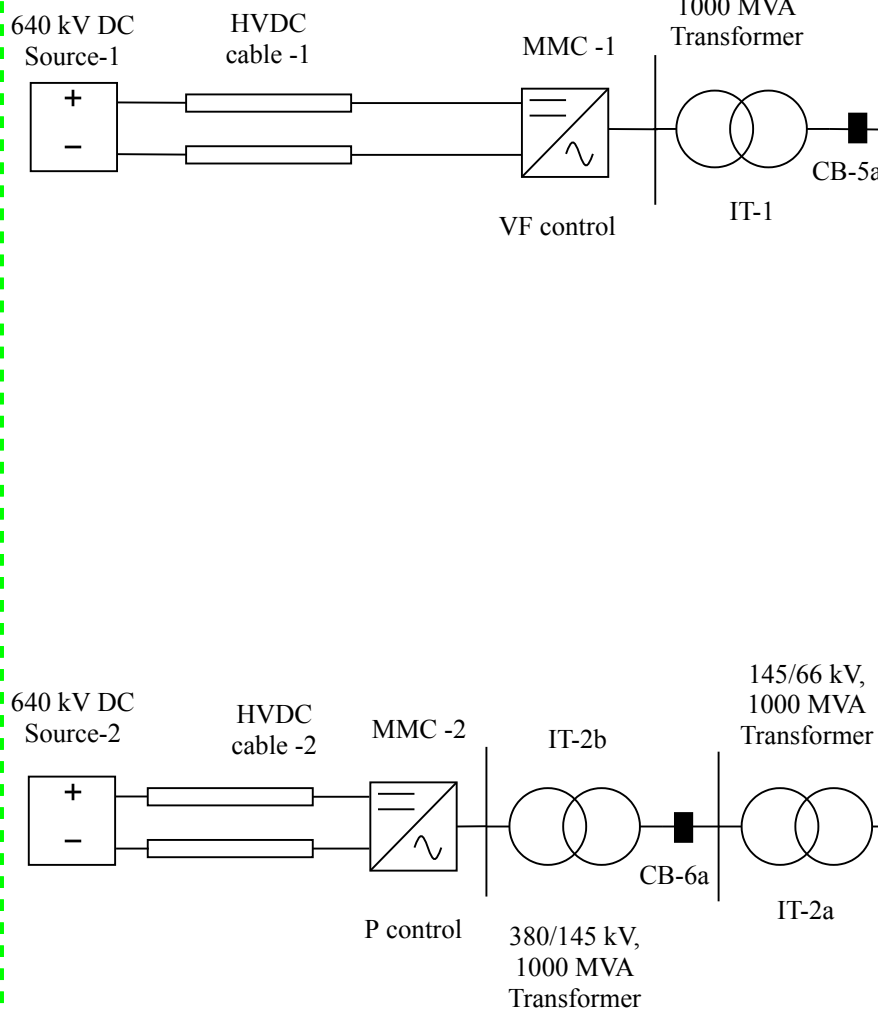


Subsystem-1



MMC Bus

66 kV HVAC cable -1

CB-1a CB-1b

66 kV HVAC cable -2

CB-2a CB-2b

66 kV HVAC cable -3

CB-3a CB-3b

66 kV HVAC cable -4

CB-4a CB-4b

380/66 kV, 1000 MVA Transformer

IT-1

145/66 kV, 1000 MVA Transformer

IT-2a

MMC -1

VF control

MMC -2

P control

380/145 kV, 1000 MVA Transformer

IT-2b

CB-6a

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

PCC -1

T-1

PCC -2

T-2

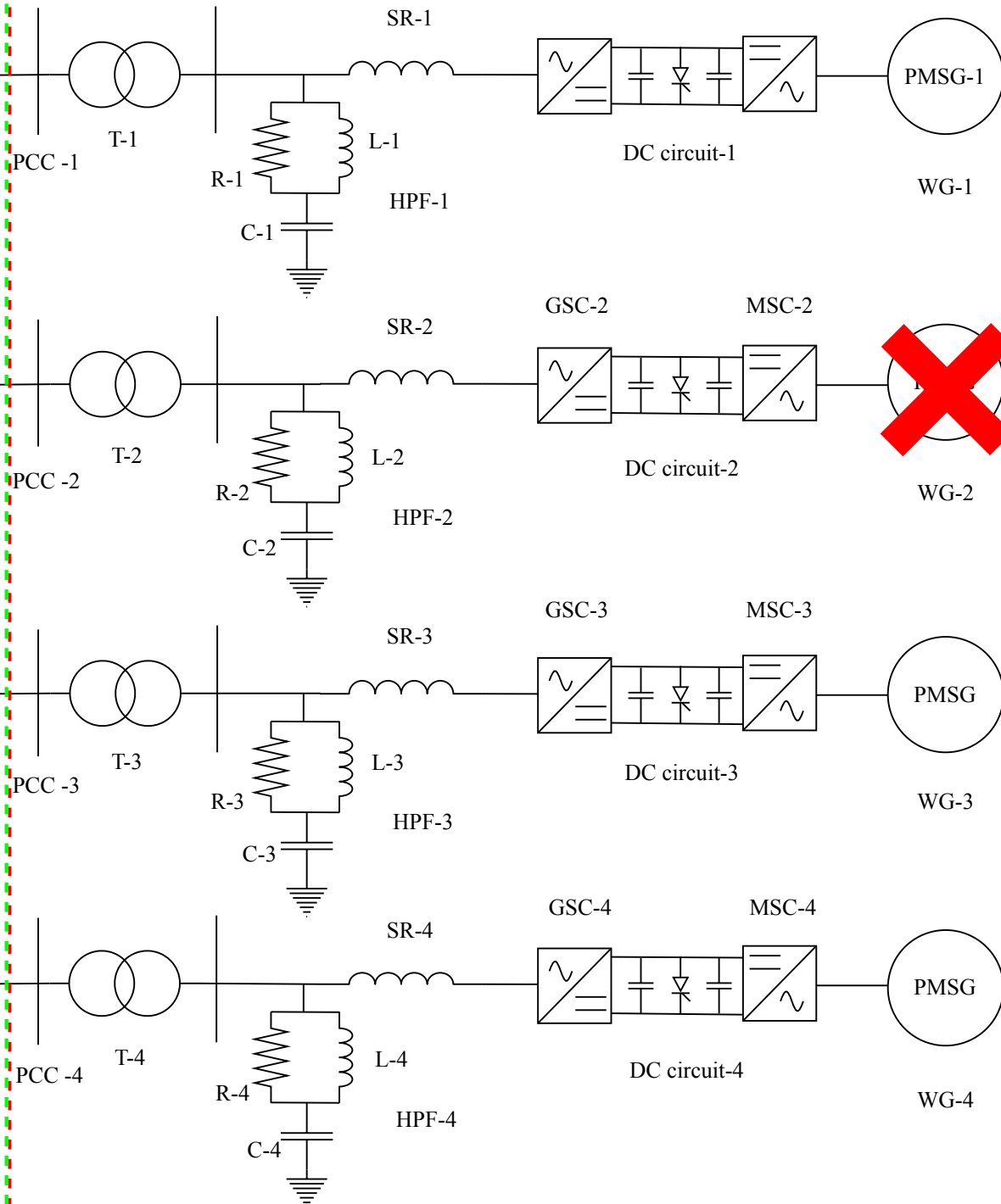
PCC -3

T-3

PCC -4

T-4

Subsystem-2



0.9 kV, 6 MVA Wind Generator

PMSG-1
WG-1

~~PMSG-2~~
~~WG-2~~

PMSG
WG-3

PMSG
WG-4