

External
AC system

No scaling required

66/2 kV,
750 MVA
Transformer

66 kV
HVAC cable

Source
Bus

PCC
Bus

Series
Reactor, L1

FSC
Bus

GSC

MSC

DC
circuit

PMSG

WG

0.69 kV,
750 MVA
Wind Generator

Simplified Model

R

L

C

High Pass
Filter

