

Part 4c

Power Park Module model data: Doubly fed induction Generating Units (please complete a separate sheet for each different Generating Unit)

Name(s) / identifiers of Generating Unit(s)

Magnetising reactance per unit

Stator resistance per unit

Stator reactance per unit

Running rotor resistance per unit

Running rotor reactance per unit

Standstill rotor resistance per unit

Standstill rotor reactance per unit

State whether data is inner-outer cage
or running-standstill

inner-outer cage running-standstill

Rotor current limit A

Number of pole pairs number

Gearbox ratio number

Generator rotor speed range – Minimum to rated speed rpm

Electrical power output versus generator rotor speed please attach a graph or table
Please insert the file name of the attachment here

Generating Unit Voltage Control (to be agreed with the DNO)

If operating in Power Factor control mode,
preferred Power Factor

If operating in voltage control mode, voltage set point

V

If operating in reactive power control mode, reactive power set point

MVA_r

Generating Unit Performance Chart attached
If yes, please insert the file name of the attachment here

Yes

No

HV Connected Type A, Type B, Type C and Type D Power Generating Module frequency and excitation

Frequency response Droop setting in LFSM (see Note 8)

%

Governor and prime mover model attached (see Note 9)
If yes, please insert the file name of the attachment here

Yes

No

Total effective inertia constant at rated speed
(generator and prime mover)

MWsec/
MVA

AVR / excitation model attached
If yes, please insert the file name of the attachment here

Yes

No

Type C and Type D Power Generating Module additional frequency response

Frequency response Droop setting in FSM (if applicable)

%

Frequency response mode

FSM

LFSM