

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	<div></div>	per unit
Stator resistance	<div></div>	per unit
Stator reactance	<div></div>	per unit
Running rotor resistance	<div></div>	per unit
Running rotor reactance	<div></div>	per unit
Standstill rotor resistance	<div></div>	per unit
Standstill rotor reactance	<div></div>	per unit

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

inner-outer cage

running-standstill

Rotor current limit	<div></div>	A
Number of pole pairs	<div></div>	number
Gearbox ratio	<div></div>	number
Generator rotor speed range – Minimum to rated speed	<div></div>	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) (see Note 10)

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<sub>r</sub>

Generating Unit Performance Chart attached

☐ Yes

☐ No

If yes, please insert the file name of the attachment here

### HV Connected Type A, Type B, Type C and Type D Power Generating Module frequency and excitation (see Note 10)

Frequency response Droop setting in LFSM-O  
(All Types, see Note 11)

%

Frequency response Droop setting in LFSM-U  
(Types C & D only, see Note 11)

%

Governor and prime mover model attached (see Note 12)

☐ Yes

☐ No

If yes, please insert the file name of the attachment here

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

MWsec/  
MVA

AVR / excitation model attached

☐ Yes

☐ No

If yes, please insert the file name of the attachment here

### Type C and Type D Power Generating Module additional frequency response (see Note 10)

Frequency response Droop setting in FSM (if applicable)

%

Frequency response mode

☐ FSM

☐ LFSM