

## Agenda

<b>Meeting name</b>	Grid Code Review Panel
<b>Meeting number</b>	85
<b>Date of meeting</b>	18 January 2017
<b>Time</b>	10:00am - 3:00pm
<b>Location</b>	National Grid House, Warwick

Item	Topic	Lead	Action	Documents
1	<b><u>Introductions and Apologies</u></b>	JM	Update	N/A
2	<b><u>Approval of minutes</u></b>	EB	Agree	PP1770 and 1771
3	<b><u>Review of actions</u></b>	EB/RW	Update	PP1772
4	<b><u>Ofgem update; Consultation on CMA Recommendations</u></b>	Laura Nell (Ofgem Head of Code Governance Reform)	Paper	PP1777
5	<b><u>New Grid Code Development Issues</u></b>			
a)	ENC Implementation Update	RW	Update	
6	<b><u>Existing Grid Code Development Issues</u></b>			
7	<b><u>Workgroups in Progress</u></b>			
8	<b><u>Progress Tracker</u></b>	EB	Update	PP1773
a)	GC0079: Frequency Changes during large disturbances and their effect on the total system (ROCOF)	XZ	Update	
b)	GC0048: Requirements for Generators	RW	Update	
c)	GC0095: TSOG	RW	Update	
d)	GC0096: Storage	RW	Update	
e)	GC0097: Project TERRE	RW	Update	
9	<b><u>Workgroup Reports</u></b>			
10	<b><u>Industry Consultations</u></b>			
a)	GC0048 RfG Voltage + Reactive	RW	Update	
b)	GC0087 RfG Frequency Response	RW	Update	
11	<b><u>Reports to Authority</u></b>			
a)	GC0077 Subsynchronous resonance	RW	Update	
12	<b><u>Pending Authority Decisions</u></b>			
a)	GC0086 Open Governance	RP	Update	
13	<b><u>Standing Items</u></b>			
a)	European Network Codes	RW	Update	
b)	Code Summary	RW	Update	PP1774
c)	Joint European Steering Group	RP	Update	PP1776
d)	Grid Code Development Forum	RW	Update	
e)	EBS Update	ADC	Update	
14	<b><u>Impact of other Code Modifications or Developments</u></b>			

a)	Grid Code Development Forum	RW	Update on emergency GCDF 17 <sup>th</sup> January 2017	
15	<b><u>Any Other Business</u></b>			
	System Incident Report	XY	Update	PP1775
16	<b><u>Next meeting</u></b>	EB	22 <sup>nd</sup> March 2017	

#### Attendees

Name	Role	Initials	Company
John Martin	Chair	JM	National Grid
Ellen Bishop	Technical Secretary	EB	National Grid
Gurpal Singh	Authority Representative Member	GSH	Ofgem
Andy Vaudin	Large Generator (>3GW) Member	AV	EDF Energy
Campbell McDonald	Large Generator (>3GW) Member	CMD	SSE
Guy Phillips	Large Generator (>3GW) Member	GP	Uniper
Steve Cox	Network Operator (E&W) Member	SC	ENW
Alan Creighton	Network Operator (E&W) Member	AC	Northern Powergrid
Roddy Wilson	Transmission Licensee (SHE Transmission) Alternate	RoW	SHE Transmission
Graeme Vincent	Transmission Licensee (SP Transmission) Member	GV	Scottish Power
Nick Rubin	BSC Panel Member	NR	ELEXON
Ryan Place	Code Administrator Rep	RP	National Grid
Xiaoyao Zhou	NGET Member	XZ	National Grid
Rob Wilson	NGET Member	HH	National Grid
Tim Truscott	NGET Member	TKT	National Grid
Le Fu	NGET Member	LF	National Grid

#### Alternates

Martin Queen	Authority Representative Alternate	MQ	Ofgem
Alastair Frew	Large Generator (>3GW) Alternate	AF	Scottish Power
Tim Ellingham	Large Generator (>3GW) Alternate	TE	HHE
Gordon Kelly	Network Operator (Scotland) Alternate	GK	Scottish Power
Sigrid Bolik	Generators with Novel Units Alternate	SB	Repower

#### Apologies

	Role	Initials	Company
Tom McCartan	Externally Interconnected System Operators Member	TM	SONI
Philip Jenner	Large Generator (<3GW) Member	PJ	Horizon Nuclear Power
Guy Nicholson	Generators with Novel Units Member	GN	Element Power
Jim Barber	Network Operator (Scotland) Member	JB	SSE
Richard Lowe	Transmission Licensee (SHE Transmission) Member	RL	SHE Transmission
Craig McTaggart	Transmission Licensee (SP Transmission) Alternate	CMt	Scottish Power
Lisa Waters	Generator (Small and/or Medium) Alternate	LW	Waters Wye