

# Summary of Meeting and Actions

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Meeting Name	Black Start Working Group
Meeting No.	6
Date of Meeting	Monday, 24 <sup>th</sup> September 2007
Time	10:00am – 3:00pm
Venue	C3-1, National Grid House, Warwick

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This note outlines the key action points from the sixth meeting of the Black Start Working Group.

## 1) Apologies for Absence

Apologies were received from Campbell McDonald (SSE Generation), John Morris (British Energy), Steve Saunders (EDF Energy) and Malcolm Taylor (AEP).

## 2) Minutes of Last Meeting

The draft minutes of the Grid Code Black Start Working Group meeting held on 25<sup>th</sup> July 2007 were APPROVED and will be accessible from the Grid Code Website.

The Working Group agreed that it would be beneficial to clarify whether existing contracts e.g. reserve contracts, would still be valid during a Black Start event, National Grid to investigate and report back to the Working Group.

**Action: National Grid**

National Grid will confirm details of the proposed AEP presentation on the findings from the Longshadow Exercise which would also be used to outline/explain the relevant Grid Code obligations which Users would be expected to adhere to.

**Action: Nation Grid**

## 3) Grid Code and BSC Interaction

The Working Group noted that a further meeting had been held between National Grid and Elexon interaction between the Grid Code and BSC provisions relating to Black Start.

It was noted that additional clarity would be useful regarding the market arrangements in the event of Black Start and what parties can expect or will be expect to do. Elexon will be initiating work to crystallise the relevant procedures which would be utilised with respect to the market arrangements in the event of Black Start procedure being used.

## 4) Working Group Report and Associated Legal Text

The Working Group review and discussed the content and structure of the draft Working Group Report and associated legal text. The Working Group Report and associated legal text will be amended to reflect comments received from group members.

**Action: National Grid**

The Working Group discussed the level of detail which the Grid Code should contain regarding the conclusion of the Black Start period and the recommencement of the market.

It was noted that the BSC would specific the arrangements for the suspension and reconvention of the electricity market. The Grid Code would specify provisions concerning the declaration of a Total or Partial Shutdown and the re-engerisation of the GB Transmission System.

The Working Group noted that it was not appropriate for the Grid Code to specify the 'how' and 'when' the electricity market would be reconvened in the event of a Total or Partial Shutdown of the GB Transmission System as this was a matter for the BSC.

It was noted that it would beneficial if there was additional clarity regarding the Grid Code provisions pertaining to the conclusion of a Black Start period. The Working Group noted

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that it may not be possible to fully address issue until clarity regarding the market arrangements had been obtain via the work due to be undertaken by Elexon. The Working Group agreed that this issue would be highlighted in the report and it would be the recommendation of the group that the matter be reviewed at an appropriate time in the future which was reflected of the working being completed by other industry participants.

The Working Group agreed that it was important that the report highlighted the close interaction between the Grid Code and the BSC regarding Black Start provisions.

The Working Group discussed the relevance of the Balancing Code 1 and 2 provisions in the event of a Total or Partial Shutdown of the GB Transmission System and the validity of submitting Final Physical Notifications in the early and later stages of the Black Start process.

The Working Group discussed the requirement for Users to provide additional information to National Grid regarding the physical capability of their plant in the event of a Total or Partial Shutdown of the GB Transmission System. The information would inform National Grid restoration strategy of the GB Transmission System. It was noted that it may be difficult for Users to provide the quality data which would be beneficial to National Grid due to the inherit uncertainty of the circumstances which would result in a Total or Partial Shutdown of the GB Transmission System.

The Working Group noted that National Grid had overall responsibility and authority regarding the restoration of the GB Transmission System from a Total or Partial Shutdown. This included National Grid delegating certain parts of the restorations to other parties e.g. Scottish Transmission Owners, DNO.

### 5) **Timeline**

The findings and recommendations of the Working Group will be presented to November's 2007 GCRP for discussion/approval.

The Working Group was informed that a draft version of the Working Group Report inclusive of comments received would be circulated to Working Group members for comment.

**Action: National Grid**

### 6) **Next Meeting**

It was noted that the Working Group had concluded their discussions and that the Working Group Report will be approved/finalised via e-mail. In the event that further debate/discussion is necessary to approve the Working Group Report a face to face meeting will be arranged prior to GCRP's papers day i.e. 1<sup>st</sup> November 2007.

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## Appendix 1 – Working Group Attendance

### Members Present:

Jonny Hosford	JH	Chairman
Lilian Macleod	LM	Secretary
Steve Argent	SA	Ofgem
Nilton Green	NG	National Grid
Allan Macleod	AM	Scottish Power Transmission Ltd
Claire Maxim	CM	E.ON UK
Phil Nicholson	PN	Central Networks
John Norbury	JH	RWE
David Osborne	DO	Scottish Hydro-Electric Transmission Ltd
Paul Ward	PW	United Utilities

### Apologies:

Campbell McDonald	CMcD	SSE Generation
John Morris	JM	British Energy
Steve Saunders	SS	EDF Energy
Malcolm Taylor	MT	AEP