

Summary of Meeting and Actions

Meeting Name	P2/5 Working Group
Meeting No.	2
Date of Meeting	Monday, 16 th January 2006
Time	10:30am – 2:30pm
Venue	B1-1, National Grid House, Warwick

This note outlines the key action points from the second meeting of the P2/5 Working Group.

1) Apologies for Absence

Apologies were received from Gary Loudon, United Utilities.

2) Approval of Minutes of Previous Meetings

The draft minutes of the 1st P2/5 Working Group meeting held on 5th December 2005 were APPROVED, subject to minor amendments.

3) Review of Actions

Security assessment at annual peak demand

The Working Group agreed that the current demand data supplied under annual submission for Standard Planning Data (Wk24/28) is sufficient for assessing connection point security on the peak day.

Request for Detailed Planning Data

The Working Group agreed that National Grid should have the right to make a request for Detailed Planning Data. National Grid should write to the User, requesting the data, and explaining the reason for the request. If, after the Detailed Planning Data had been submitted, National Grid still had queries, a review meeting would be arranged between the DNO and National Grid to discuss the matter and agree on what additional data would be required.

Maintenance Period Demand

The Working Group agreed that further demand data is required to assess connection point security during a planned outage of a National Grid circuit. The Working Group agreed that there should be an opportunity to identify agreed period(s) to permit planned maintenance in order to maximise the utilisation of National Grid assets.

The Working Group agreed on the following process for the submission of Standard Planning Data:

Year One

- Week 17 – National Grid writes to all Users requesting Week 24 data.
- Users to provide percentage annual peak demand over 13 to 43 weeks period.
 - National Grid will utilise this demand level to verify that security standards will not be infringed during any planned outage of any National Grid circuit.
 - Where this verification is not possible the Users will be given the opportunity to identify and agree with National Grid adequate periods to allow for maintenance of each National Grid circuit. The percentage of annual peak demand will be provided for this reduced maintenance period.
 - If insufficient capacity is identified then investment opportunities should be explored

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- If the DNO is aware of an alternate maintenance period he may alternately at the DNOs discretion provide data on that period as per the approach detailed below.

Year Two and subsequent years

- Week 17 – National Grid writes to all Users requesting Week 24 data. Where reduced maintenance periods have been identified National Grid to reconfirm these periods with the Users.
- Users will have the discretion to either provide percentage annual peak demand over 13 to 43 weeks period or provide maintenance period demand data for the agreed reduced maintenance period identified in the previous year.
 - National Grid will utilise this demand level to verify that security standards will not be infringed during any planned outage of any National Grid circuit.
 - Where this verification is not possible the Users will be given the opportunity to identify and agree with National Grid adequate periods to allow for maintenance of each National Grid circuit. The percentage of annual peak demand will be provided for this reduced maintenance period.
 - If insufficient capacity is identified then investment opportunities should be explored.

Demand Group

The Working Group discussed the draft definition of Demand Group as put forward by National Grid. The Working Group acknowledged that security assessment of demand groups comprising of two or more Connection Points permanently interconnected is difficult requiring detailed modelling by both National Grid and Users.

National Grid confirmed that demand data for Connection Points that are interconnected is difficult to interpret if the time and date of peaks occur at different times. In such circumstances National Grid would like Users to submit the demand data for only one date and time. This date and time should be determined by the DNO based upon the aggregated demand for all Connection Points within the Interconnected Network. Demand for each connection point to be submitted.

In both cases, where a User operates an interconnected network it is essential that it is fully supported by a Single Line Diagram and associated parameters for seven successive years including any material forecast demand and topology changes occurring on the subtransmission network. This level of data would be essential to enable accurate forecast modelling of the interconnected network. Instead of providing demand transfers within that interconnected network the DNO will need to identify post-fault actions required to alleviate any forecast overload and that would be discussed and further studied by both parties as part of the joint technical liaison activity. Only those demand transfers out of that demand group would need to be quoted.

Demand Transfer

National Grid presented draft legal text for the proposed changes to Demand Transfer. The Working Group agreed with the proposed changes however acknowledged that the data required may need to be codified within the relevant section of the Grid Code. The Working Group noted that such proposals required further discussion and as such would be flagged up within the Working Group report as an area that required further review.

Seasonal Peak Information

It was acknowledged that Seasonal Demand Peak information was required from certain DNO networks in order to manage the appropriate most sensitive FCO conditions at sites where demand at connection peak may not differ significantly from that at seasonal peaks

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when less equipment capacity was available. National Grid would look to suggest some words to allow the optional provision

The Working Group discussed potential reliance on demand transfers for First Circuit Outages for their SQSS compliance and noted the requirement for that transfer to be reliably available at all times to offset any deficit. Where a DNO feel unable to provide a transfer at all times when demand exceeds the continuous ratings of National Grid circuits then the DNO should not offer this demand transfer to avoid potential reinforcement discussions. Further Working Group discussions took place on the basis that a fault within a DNO network may subsequently result in a demand transfer becoming unavailable thereby making a connection point non-compliant. In this circumstance the fault within the DNO network is the first fault and any further fault is outside the requirements of first fault security requirements. Operationally, if such an internal fault occurs within the DNOs network the DNO should declare the fault across the control interface.

4) National Grid Network Data exchange to the DNOs

The Working Party discussed the obligation on National Grid to provide Network Data to the DNOs (Planning Code Appendix Part 3). The present obligation is limited to short circuit level data at the connection point interface. Some DNOs would like a Grid Code obligation on National Grid to provide sufficient data to enable the DNOs model the transmission system local to their connection points. National Grid is sympathetic to the DNOs requirements and is to investigate the possibility of making available an equivalent network model for DNOs that would assist the DNOs in their load flow and short circuit assessment.

National Grid to proposed changes to the Grid Code that will clarify the boundary point (embedded within the National Grid system) for data items.

The issues of 3rd party data transfer to be reviewed to ensure that there is adequate provision with the Grid Code to allow the transfer of such data amongst parties.

5) Data Exchange

The Working Group discussed data exchange in the context of the submission of Reactive Demand data. The data provided by the DNO's at the LV level was acknowledged as being estimated for some Connection Points due to a lack of suitable metering equipment. This could lead to inaccuracies in the submitted data. It was agreed that if the information were not accurate, the DNO would confirm so to National Grid. National Grid obtains data at the GSP through its own meters and where relevant National Grid could substitute such data.

Building on these observations, National Grid proposed that the remit of DRC5.4 of the Grid Code should be extended. In effect where data is not provided or where National Grid reasonably believes the submitted data to be erroneous, As per Grid Code D.R.C.5.4.2 National Grid would write to the DNO suggesting alternative data and its reasons for doing so. National Grid and the DNO would then agree on the revised data that would form the basis of any Week 24/28 data resubmitted by the DNO ahead of any further submission occurring.

National Grid to bring forward possible changes to paragraph DRC5.4 of the Grid Code in order to provide additional clarify regarding the non submission of data.

6) Actions

- Working Group report to be circulated to Working Group members for comment by 2nd February 2006.
- National Grid to confirm legal text for Demand Group definition
- National Grid to confirm legal text for Demand Transfer changes
 - Additional discussion required regarding Seasonal Profile and Capacity
- National Grid to provide data model which would assist the DNO in their load flow assessment

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- National Grid to provide legal text to clarify paragraph DCR5.4 of the Grid Code re: the non submission of data.
- WPD to specify data they would like from National Grid in the future.

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Appendix 1 – Working Group Attendance

Members Present:

Mark Duffield	MD	Chairman
Lilian Macleod	LM	Secretary
Ben Marshall	BM	National Grid
Brian Roberts	BR	National Grid
Martin Banton	MB	National Grid
Chandra Trikha	CT	SSE
Dave Carson	DC	Scottish Power
Ian Gray	IG	EDF Networks
Peter Twomey	PT	United Utilities
Phil Mann	PM	Western Power Distributions
Alan Creighton	AC	YEDL
Dave Harrison	DH	Central Networks
Bridget Morgan	BM	Ofgem
Apologies:		
Gary Louden	GL	United Utilities