

Distribution Networks Forum

8th November 2005

2005 Network Planning Review

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UK Transmission Network Strategy

nationalgrid

References in this presentation

- ◆ References to “National Grid” mean...
 - ◆ *National Grid Gas plc acting as the operator of the (Gas) Transmission Licence*
- ◆ Commercially distinct from any other part of National Grid plc for UNC purposes
- ◆ Currently referred to as “*National Grid NTS*” in the UNC (was “Transco NTS”)

Preliminary timeline

- ◆ Winter, data collation
- ◆ Demand Statements 13 May 05
 - ◆ LDZ demand forecasts
 - ◆ NTS demand forecasts
- ◆ Supply forecasts March to June 05
 - ◆ TBE responses received 25 Feb 2005
 - ◆ “Balance Sheets” produced End June 2005
 - ◆ Prelim NTS network analysis can start
 - ◆ CV forecasts 22 July 05
 - ◆ DN analysis can start

Network analysis - timescales achieved

- ◆ “Interim period”
 - ◆ First data 16th July
 - ◆ Last data received 25th August
 - ◆ OCS initially issued 26th-29th September
 - ◆ OCS GW/mcmd conversion corrections 21st-26th October
- ◆ OCSs published ahead of 30th September deadline
 - ◆ Enabling Safety Case compliance statements?
- ◆ All requests for capacity accepted
- ◆ Mod 038 – inclusion of yrs 4 to 5 & lower demand levels in submissions
 - ◆ Data received 12th August *to date*

Difficulties

- ◆ No specified format
 - ◆ Resulted in 5 different formats
 - ◆ Spreadsheets, text, tables, bitmaps
- ◆ No specified units
 - ◆ Different terms
 - ◆ Energy, volume at a particular CV
- ◆ Standardised units
 - ◆ Energy in UNC – avoids definition problems
 - ◆ Standard/ISO temperature & pressures, etc
 - ◆ Volume or Energy?
- ◆ OCS errors
 - ◆ Conversion to energy (standard flow) then from volume

Challenges in 2006

- ◆ Supply forecast changes (as usual)
 - ◆ LNG importation reliance, gas quality
 - ◆ Impact on CV forecasts
- ◆ Implementation of Mod 046?
 - ◆ Extends OCS process to commit National Grid up to Gas Year 2009/10

Improvements to take forward

- ◆ Standardised templates
 - ◆ Format
 - ◆ Units
 - ◆ Distinction between formal request & informal information
 - ◆ Voluntary basis – not part of UNC
 - ◆ Templates to be sent out in New Year
- ◆ DN analysis based on Y-1 OCS CVs
 - ◆ Avoiding “Chicken & Egg” situation
 - ◆ Allows “safety case compliant” analysis to start ASAP

Open discussion



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