

3rd April 1998

To: Shippers, Panel Members & Non-Network Code Parties

Dear Colleague,

NOTICE OF IMPLEMENTATION  
MODIFICATION PROPOSAL No: 217

"Frequency Response service for Centrally Despatched  
Generators"

Please note that Modification Proposal No:217 was implemented with effect from 06.00 hours on 01/04/98. The Final Modification Report , Version 1.2 was signed by Ofgas on 2nd April 1998.

The new Network Code text resulting from this Modification is detailed below.

It should be noted that since the final modification report version 1.1, dated 18/03/98 was circulated, a minor clarifying amendment has been made to the text of 4.10.3. The text circulated in version 1.1 stated:-

'Transco may, on written notice, or verbal notice subsequently confirmed in writing, to the Registered User withdraw its right to....'

This has been amended in version 1.2 of the Final Modification Report, dated 25/03/98, to read:-

'Transco may, on written notice, or verbal notice subsequently confirmed in writing, to the Registered User withdraw the right of the Registered User to....'

Modified Text:

Delete J4.10 and replace with:-

4.10 Frequency Response

4.10.1 Where the Consumer's Plant is gas fired generating plant subject to Central Despatch by the National Grid Company plc, Scottish Hydro-electric plc or Scottish Power plc acting as operators of the electricity transmission in Great Britain ("the Grid Operators"), it may be required, at the request of the Grid Operators , to respond automatically and rapidly to changes in the electrical frequency of such system by rapidly increasing or subsequently decreasing the rate of offtake, by up to 25% of the Supply Point Offtake Rate ("Frequency Response"). "Central Despatch" is the process of scheduling and issuing direct instructions by the Grid Operators in accordance with their grid codes.

4.10.2 There this paragraph 4.10 applies:-

(1) there shall be a Network Exit Agreement in force at the System Exit Point;

(2) the Registered User of the System Exit Point shall notify Transco by Conventional Notice that it requires the Frequency Response service subject to the conditions set out in paragraphs (3) to (9) below;

(3) the Registered User shall pay such amount (if any) as is identified in the Transportation Statement for Frequency Response;

(4) where the Registered User has so elected, the requirements of paragraphs 4.5, 4.7.2 and 4.8 shall be disapplied during any period (not exceeding one hour) when the Consumer's Plant is responding to a specific request by a Grid Operators to provide Frequency Response (" Frequency Response Period");

(5) Except as set out in this paragraph 4.10 the requirements set out in the Network Exit Agreement shall apply,

(6) During any Frequency Response Period any provision contained in the Network Exit Agreement as to the pressure of gas made available for offtake at the System Exit Point shall be suspended;

(7) During any Frequency Response Period any provision contained in the Network Exit Agreement as to the ramp rates, in accordance with paragraph 4.8, shall be amended such that the rate of increase or decrease in the rate of offtake shall not exceed 25% of the maximum offtake rate in a period of 10 seconds during any Frequency Response Period;

(8) In respect of any Frequency Response Period any provision contained in the Network Exit Agreement as to the period of notice to be given to Transco in accordance with paragraph 4.6.3 shall be amended such that:-

(i) the Registered Users (s) shall notify Transco within 30 minutes of a Frequency Response Period having commenced at the System Exit Point; and

(ii) the Offtake Profile Notice submitted on the Day following any Day on which a Frequency Response Period was actually provided shall state the time and duration of any period(s) of Frequency Response;

(9) During any Frequency Response Period any provision contained in the Network Exit Agreement as to the temperature of gas, where preheating equipment has been installed in accordance with paragraph 4.5, shall be suspended.

4.10.3 Transco may, on written notice, or verbal notice subsequently confirmed in writing, to the Registered User

withdraw the right of the Registered User to take Frequency Response at the Consumer's Plant where Transco considers that there has been, or is likely to be, a serious detrimental effect on the safe and effective operation of the System by reason of the provision of Frequency Response at the Consumer's Plant.

4.10.4 Transco may temporarily suspend, by giving 10 Working Days notice in writing ( or immediately on verbal notice in the case of an Emergency, subsequently confirmed in writing ) to the Registered User(s) provision of Frequency Response where maintenance activities on the System may impact Transco's ability to provide Frequency Response at the Customer's Plant.

4.10.5 In providing Frequency Response, or following any material change in the Supply Point Offtake Rate at the Specified Exit Point, Transco shall require that a flow test be performed at the Specified Exit Point. Following any material change in the operating conditions of the System, Transco may require that a flow test be performed at the Specified Exit Point. Any charges for provision of the flow test (if any) shall be set out in the Transportation Statement. If the results of the flow test are unsatisfactory, Transco may decline to provide or withdraw Frequency Response at the Specified Exit Point with effect from a specified date.

Yours sincerely,

Raksha Parmar  
Commercial Analyst.