

MODIFICATION PROPOSAL 0657  
Enhanced Partial Interruption Service:  
Option to Interrupt Daily Volume

BUSINESS RULES

## 1 Background

The Network Code defines a partial interruption service whereby interruptible loads can be divided into “tranches” to facilitate partial interruption when full interruption at a site might not be essential. The interruption compliance is then assessed by comparing actual quantities offtaken in each hour during the interruption period with the max hourly quantity to be offtaken taking account interruption.

The service was developed to allow some gas provision but at lower rates than might be accommodated in non-interruption periods.

Under some circumstances, particularly in the context of interruption triggered by a supply/demand matching requirement and healthy local linepack, it might be possible to offer an option to interrupt based on volume rather than hourly rate. The interruption compliance is then assessed by comparing the actual cumulative quantity offtaken during the interruption period with the max daily quantity to be offtaken taking account interruption.

## 2 Proposal

The aim of the proposal is to enhance the above arrangements to facilitate greater freedom to access system flexibility when such flexibility is available. Where possible, Transco initiated interruption could be considered to lead to a restriction on the daily Volume of a supply point rather than the hourly offtake rate (as occurs with the current Partial Interruption service).

The new service would afford an extension of the current arrangements whereby consumers, under some circumstances, could elect to offtake gas at higher rates than the prevailing arrangements allow when delivering the required interruption of the quantity to be offtaken within the gas day.

### 3 Concepts/Definitions

**Interruption Notification** - A notice issued by NGT that requests a volume of interruption and includes a list of proposed supply points that equate to the volume of interruption requested, and a list of suitable alternative supply points.

**Interruption Confirmation Notification** - A notice, issued by a Shipper, which confirms the supply points that are to be interrupted in response to an interruption notification.

**Tranche** - One of two or more increments by which the User of an Interruptible Supply Point may reduce its daily offtake (or by which Sharing Registered Users may reduce their offtake in aggregate) from the System during a Period of Interruption.

**Tranche Annual Quantity** - The Tranche annual quantity is, in respect of each Tranche, the Tranche percentage multiplied by the Supply Point Annual Quantity [kWh].

**Tranche Quantity** - The Tranche quantity is the quantity of gas that shall be allowed to be offtaken from the System at each Tranche in any period of 60 minutes in any Day in respect of which an Interruption Notice has been served [kWh].

**Tranche Percentage** - The Tranche percentage is, in respect of each Tranche, the Tranche Quantity expressed as a percentage of the sum of all the Tranche Quantities at the Supply Point [%].

#### **4 Interruption Trigger**

- 4.1 Where Transco requires Interruption at a Supply Point, in any Day, the trigger will be defined and notified to the Shipper via an Interruption Notice.
- 4.2 A Transco requirement for interruption will be defined as for 'capacity' purposes in respect of NTS & LDZ load (and all times when required for NSLs) when on any Day on which there is or Transco anticipates that there would otherwise be a relevant Transportation Constraint. Under these circumstances only the currently available Partial service can be offered.
- 4.3 Where interruption is called, other than for reasons of a Transportation Constraint, there may be opportunity to offer an "over the day" volume related service.

#### **5 Partial Interruption**

- 5.1 Where Transco requires Interruption at a Supply Point, other than for a Transportation Constraint, in any Day then, subject to Transco's discretion, the Registered User will be allowed to offtake a quantity of gas (and Sharing Registered Users will be allowed to offtake a quantity of gas in aggregate), measured in kWh, not exceeding the SOQ multiplied by the sum of the Tranche Percentages of the Tranches at the Supply Point in respect of which an Interruption Notice has not been served. For the avoidance of doubt, the requirement can be satisfied where the hourly offtake rate is in excess of the sum of the Tranche Quantities of the Tranches at the Supply Point in respect of which an Interruption Notice has not been served, subject to the SHQ (or such other lower specified quantity and/or offtake rate as specified by Transco), not being exceeded.
- 5.2 Any interruption notice permitting partial gas consumption over the day would still be subject to the prospect of subsequent further interruption, subject to the 5-hour notice of interruption provisions.

#### **6 Failure to Interrupt**

- 6.1 A Supply Point will be deemed to have failed to interrupt when the Supply Point Quantity offtaken within the gas day is greater than the SOQ multiplied by the sum of the Tranche Percentages of the Tranches at the Supply Point in respect of which an Interruption Notice has not been served.

## 7 Failure to Interrupt Charges

- 7.1 Where there is a failure to interrupt at a Supply Point with Partial Interruption status and where this is the first failure to interrupt at the Supply Point in the Gas Year, the Registered User (or Sharing Registered Users) shall pay the charge determined in accordance with Network Code section G6.9.
- 7.2 For the remainder of the Gas Year any Tranche which has paid a failure to Interrupt charge shall be termed a "failed Tranche";
- 7.3 Where on any subsequent day in the Gas Year there is a failure to interrupt at the Supply Point and the failure to interrupt occurs only at failed Tranches;
  - 7.3.1 For each period of 60 minutes in the Day, the quantity offtaken in excess of the Tranche Quantity of all Tranches in respect of which the Interruption Notice was not served shall be termed the "excess failure quantity";
  - 7.3.2 The Registered User (or Sharing Registered Users) shall pay the charge calculated in accordance with paragraph 6.9.2(b)(ii), provided that Y shall be the total excess failure quantities in the Day;
- 7.4 Where on any subsequent day in the Gas Year there is a failure to Interrupt at the Supply Point and the failure to Interrupt occurs at one or more Tranches which are not failed Tranches the Registered User (or Sharing Registered Users) shall pay the charge determined under Network Code section G6.9, multiplied by the sum of the Tranche Percentages of the Tranches in respect of which an Interruption Notice was served, less the sum of the Tranche Percentages of the failed Tranches in respect of which the Interruption Notice was served.