

FRAMEWORK FOR CORRECT APPORTIONMENT OF NDM ERROR

MODIFICATION 194

UNC TPD Section E:

Add new Section E7.9 as follows:

7.9 RBD Energy Adjustment

7.9.1 For the purposes of this Section 7.9:

- (a) **"RBD Energy Source"** means each of the items named in the first column of Table E1;
- (b) for each RBD Energy Source, the **"RBD Energy Source Share"** (RESS) is the decimal factor specified in the second column of Table E1;
- (c) **"SPC Class"** means the following classes of Supply Point Component and (in each case) CSEP Equivalent Points:
 - (i) Supply Point Components comprised in Smaller Supply Points;
 - (ii) NDM Supply Point Components comprised in Larger Supply Points;
 - (iii) DM Supply Point Components comprised in Larger Supply Points;
- (d) for each RBD Energy Source and each SPC Class, the **"SPC Class Share"** (SPCCS) is the decimal factor specified in the relevant sub-column of the third column of Table E1;
- (e) **"CSEP Equivalent Points"** means System Exit Points treated as comprised (as contemplated in Section A3.3.5 and as provided in the relevant CSEP Network Exit Provisions) in an Unmetered Connected System Exit Point which relate to points of supply (to premises connected to the relevant Connected Offtake System) equivalent to Supply Point Components of a given class;
- (f) references to a User's CSEP Equivalent Points are to the CSEP Equivalent Points for which the User is responsible in accordance with the relevant CSEP Network Exit Provisions;
- (g) references to Larger Supply Points exclude NTS Supply Points and Special Metering Supply Points.

7.9.2 For the purposes of this Section 7.9, for each LDZ and Reconciliation Billing Period, the **"Net Aggregate ARCV"** (NAARCV) is the net aggregate of the Aggregate Reconciliation Clearing Values in respect of Aggregate NDM Reconciliation carried out in respect of that LDZ and Reconciliation Billing Period, excluding Aggregate NDM Reconciliation:

- (a) pursuant to paragraph 7.4.4;
- (a) pursuant to paragraph 7.8 in respect of LDZ Reconciliation pursuant to paragraph 7.6.1(a); or
- (b) in respect of LDZ Reconciliation pursuant to paragraph 7.6.1(b).

7.9.3 For the purposes of this Section 7.9, for each User, LDZ, Reconciliation Billing Period and SPC Class:

- (a) the **"User SPC Aggregate AQ"** (USAAQ_{SPC}) is the amount calculated as follows:

$$USAAQ_{SPC} = \sum_d \sum_r AQ_{rd}$$

where

\sum_d is the sum over Days in the Reconciliation Billing Period;

\sum_r is the sum over the User's Registered Supply Point Components and CSEP Equivalent Points of the relevant SPC Class in the LDZ on Day d;

and where for each such Supply Point Component or CSEP Equivalent Point and Day, AQ_{rd} is the Annual Quantity of such Supply Point Component or the equivalent quantity determined pursuant to the relevant CSEP Network Exit Provisions;

- (b) the **"User SPC Aggregate AQ Proportion"** ($USAAQP_{SPC}$) is the decimal factor calculated as follows:

$$USAAQP_{SPC} = USAAQ_{SPC} / \sum_U USAAQ_{SPC}$$

where \sum_U is the sum over all Users

7.9.4 For the purposes of this Section 7.9, for each User, LDZ and Reconciliation Billing Period:

- (a) the **"User RBD Energy Proportion"** (UREP) is the decimal factor calculated as follows:

$$UREP = \sum_{RES} \{RESS * \sum_{SPC} (SPCCS * USAAQP_{SPC})\}$$

where

\sum_{RES} is the sum over RBD Energy Source

\sum_{SPC} is the sum over SPC Class

$USAAQP_{SPC}$ is User SPC Aggregate AQ Proportion

and where for each RBD Energy Source

RESS is RBD Energy Source Share

and where for each RBD Energy Source and SPC Class

SPCCS is SPC Class Share

- (b) the **"User RBD Energy Value"** (UREV) is the amount calculated as follows:

$$UREV = UREP * NAARCV$$

where

UREP is User RBD Energy Proportion;

NAARCV is Net Aggregate ARCV for that LDZ and Reconciliation Billing Period;

- (c) the **"User RBD Energy Adjustment Amount"** (UREAA) is the amount calculated as follows:

$$UREAA = UREV - UARCV$$

where

UARCV is the User Aggregate Reconciliation Clearing Value for that User, LDZ and Reconciliation Billing Period.

7.9.5 The User RBD Energy Adjustment Amount shall be payable, by way of adjustment in respect of the User Aggregate Reconciliation Clearing Value:

(a) by the User to National Grid NTS, where such amount is [positive];

(b) by National Grid NTS to the User, where such amount is [negative];

and shall be invoiced, by way of Ad-hoc Invoice at the same time or as soon as practicable after the Invoice in respect of the Aggregate NDM Reconciliation, and payable in accordance with Section S.

TPD Section F

Insert in Section F 4.5.3(a)(ii), after 'Reconciliation Clearing Charges (payable to National Grid NTS)':

"User RBD Energy Adjustment Amounts (payable to National Grid NTS)"

Insert in Section F 4.5.3(b)(ii), after 'Reconciliation Clearing Charges (payable to National Grid NTS)':

"User RBD Energy Adjustment Amounts payable to National Grid NTS"

Table E1

RBD Energy Source	RBD Energy Source Share (RESS)	SPC Class Share (SPCCS)				
		SSP	[SSP Remote Metering Reading]	LSP NDM	[LSP Remote Metering Reading]	LSP DM
Read submission issues		To be populated by future modifications		Not Used	Not Used	
Late Confirmations						
Temp & Press I&C (LSP)						
Temp & Press Dom (SSP)						
IGT Issues						
LDZ Shrinkage						
Theft						
LDZ Metering						
End Supply Metering						
AGGREGATE RECONCILIATION VALUE			1			