

## P277 – FINAL PROPOSED LEGAL TEXT

### SECTION K : CLASSIFICATION AND REGISTRATION OF METERING SYSTEMS AND BM UNITS (Version 34)

*Amend paragraph 3.2.3 to read as follows:*

- 3.2.3 A Party may apply to register a BM Unit by submitting a registration application to the CRA specifying:
- (a) the identity of the applicant Party;
  - (b) the date from which the applicant wishes the registration to be effective;
  - (c) the estimated amounts referred to in paragraph 3.4.1 (for the purposes of establishing the Generation Capacity and the Demand Capacity) for the proposed BM Unit;
  - (d) the CVA Metering Systems associated with the proposed BM Unit; ~~and~~
  - (e) the Switching Group to which the BM Unit belongs (if any); ~~and~~
  - (f) in the case of an Interconnector BM Unit, the P/C Status of that BM Unit.

*Amend paragraph 3.4.8 to read as follows:*

- 3.4.8 ~~Subject to paragraph 5.6, for~~ For each BM Unit, at any time:
- (a) the "**Generation Capacity**" or "**GC**" shall be the amount determined as:  
 $G / SPD$   
where G is the value under paragraph 3.4.1(a) most recently notified in relation to the relevant BSC Season under paragraph 3.4.2;
  - (b) the "**Demand Capacity**" or "**DC**" shall be the amount determined as:  
 $D / SPD$   
where D is the value under paragraph 3.4.1(b) most recently notified in relation to the BSC Season under paragraphs 3.4.2 or 3.4.2A (as the case may be);
  - (c) the "**Relevant Capacity**" is:
    - (i) if  $GC_i + DC_i$  is greater than zero,  $GC_i$  ;
    - (ii) otherwise,  $DC_i$  .

### 3.5 Trading Units and Production and Consumption BM Units

*Amend paragraph 3.5.4 as follows:*

- 3.5.4 In ~~accordance with paragraph 5, the P/C Status~~ the case of an Interconnector BM Unit ~~will not change at any time, irrespective of the Trading Unit to which the BM Unit belongs, the Lead Party shall elect, by notice to the CRA in accordance with BSCP15, whether the P/C Status of the BM Unit is to be Production or Consumption:~~

- (a) upon registration of that Interconnector BM Unit pursuant to paragraphs 3.2.3, 5.5.2 or Section R7.5.2; and
- (b) from time to time should the Lead Party wish to change its P/C Status election for the Interconnector BM Unit.

*Insert new paragraph 3.5.4A to read as follows:*

3.5.4A The CRA shall ensure that an Interconnector BM Unit has in effect at all times a P/C Status elected by the Lead Party.

#### **5.4 Appointment of Interconnector Administrator and Interconnector Error Administrator**

*Amend paragraph 5.4.1 to read as follows:*

- 5.4.1 No Party may Export or Import at an Interconnector Boundary Point unless there is an Interconnector Error Administrator appointed and registered in CRS in relation to the Interconnector and it has been allocated and registered an Interconnector BM Unit in accordance with paragraph 5.5.2.

*Amend paragraph 5.4.2 to read as follows:*

- 5.4.2 The Interconnected System Operator shall not energise a new Interconnector until an Interconnector Administrator and an Interconnector Error Administrator is appointed and registered in CRS and the Interconnector Error Administrator has been allocated and registered an Interconnector BM Unit in accordance with paragraph 5.5.2.

- 5.4.3 Subject to the requirements of any Licence, a Party shall be appointed as Interconnector Administrator and/or Interconnector Error Administrator in relation to an Interconnector by notice given by the Interconnected System Operator to BSCCo and the CRA, accompanied by that Party's consent to act and application to be registered as such; and such appointment and registration shall be effective from the later of:

- (a) the effective date specified in such notice, and
- (b) the day following that on which BSCCo confirms to the CRA that such notice and consent have been given.

*Insert new paragraph 5.4.3A to read as follows:*

5.4.3A An application to be registered as an Interconnector Error Administrator under paragraph 5.4.3 shall include notification of the P/C Status that the Lead Party has elected to apply to the Interconnector BM Unit allocated to an Interconnector Error Administrator under paragraph 5.5.2.

*Amend paragraph 5.4.6 to read as follows:*

- 5.4.6 If, in relation to an Interconnector, for any reason:
- (a) the Party for the time being appointed as Interconnector Administrator ceases to be a Party, or
  - (b) otherwise at any time there is no Party so appointed, or
  - (c) the Interconnector Administrator is in Default (as defined in Section H3.1), or

- (d) the Interconnected System Operator becomes the Interconnector Error Administrator pursuant to paragraph 5.4.5,

the BM Unit Metered Volumes for the Interconnector BM Units of any relevant Interconnector User shall be set to zero by the SAA (and, accordingly, the Interconnector Metered Volume shall be attributed to the ~~relevant~~ Interconnector BM Unit of the Interconnector Error Administrator in accordance with Section T4.1) until and unless a replacement Interconnector Administrator or Interconnector Error Administrator (as the case may be) is appointed and registered in accordance with the provisions of paragraph 5.4.3 or (as the case may be) the Interconnector Administrator ceases to be in Default.

*Amend paragraph 5.4.9 to read as follows:*

- 5.4.9 For the purposes of this paragraph 5.4, a "relevant Interconnector User" means an Interconnector User with an Interconnector BM Units associated with the Interconnector in question.

## **5.5 Interconnector BM Units**

*Amend paragraph 5.5.2 to read as follows:*

- 5.5.2 The Interconnector Error Administrator shall, upon its appointment as such becoming effective, automatically be allocated ~~(and, subject to meeting the requirements of paragraph 5.4.3A, registered in respect of) two~~ one Interconnector BM Units for the associated Interconnector in accordance with paragraph 5.5.5.

*Amend paragraph 5.5.3 to read as follows:*

- 5.5.3 Any Trading Party may apply to register one Interconnector BM Units ~~in relation to an~~ per Interconnector, and paragraphs 3.2.3 to 3.2.8 shall apply in relation to each such application and registration, subject as follows:
- (a) the Party shall identify the Interconnector in its registration application;
  - (b) the requirement (to identify the associated Metering Systems) in paragraph 3.2.3(d) shall not apply;
  - (c) the requirements referred to in paragraph 3.2.6 shall be replaced by the requirements in paragraph 5.5.4.

*Amend paragraph 5.5.4 to read as follows:*

- 5.5.4 The requirements are that:
- (a) the Interconnected System Operator is Registrant of the related Metering Systems (and such registration is effective in accordance with paragraph 2.2.5);
  - (b) a Party or Parties are registered as Interconnector Administrator and Interconnector Error Administrator and such registrations are effective in accordance with paragraph 5.4.3; and
  - (c) the Party has elected the P/C Status for the Interconnector BM Unit in accordance with paragraph 3.5.4.

*Delete paragraph 5.5.5 and insert 'Not used' as follows:*

- 5.5.5 ~~Not used~~Each Party who registers Interconnector BM Units in relation to any Interconnector will be allocated (and registered in respect of) two Interconnector BM Units designated as a Production BM Unit and a Consumption BM Unit respectively.

*Insert new paragraph 5.5.5A after paragraph 5.5.5 to read as follows:*

5.5.5A Interconnector Error Administrators and Parties who have more than one Interconnector BM Unit registered to an Interconnector at the relevant Implementation Date shall immediately de-register all Interconnector BM Units associated with such Interconnector and register one new Interconnector BM Unit for such Interconnector pursuant to paragraph 3.5.3.

*Amend paragraph 5.5.6 to read as follows:*

5.5.6 In relation to the Transmission Company:

- (a) where the Transmission Company is appointed (other than pursuant to Section K5.4.5) as Interconnector Error Administrator in respect of an Interconnector, the Interconnector BM Units allocated to the Transmission Company pursuant to paragraph 5.5.2 for that Interconnector shall be associated with the corresponding TC (IEA) Energy Accounts for that Interconnector;
- (b) any other BM Units allocated to the Transmission Company (under paragraph 5.5.2 or Section R7.5.2) shall be associated with the corresponding TC (Non-IEA) Energy Accounts,

and, for the avoidance of doubt, the Transmission Company shall apply for and hold the TC (Non-IEA) Energy Accounts in accordance with Section A.

*Delete the heading to paragraph 5.6 and insert "Not Used" in its place as follows:*

## **5.6 ~~Demand Capacity and Generation Capacity~~Not Used**

*Delete paragraphs 5.6.1 and 5.6.2 as follows:*

~~5.6.1 In relation to a Production Interconnector BM Unit, Generation Capacity shall be determined under paragraph 3.4.8(a) and the value of Demand Capacity shall at all times be zero.~~

~~5.6.2 In relation to a Consumption Interconnector BM Unit, Demand Capacity shall be determined under paragraph 3.4.8(b) and the value of Generation Capacity shall at all times be zero.~~

## **SECTION Q: BALANCING MECHANISM ACTIVITIES (Version 22)**

### **2.2 Maximum Export Limits and Maximum Import Limits**

- 2.2.1 For each relevant BM Unit, the Lead Party shall ensure that the Maximum Export Limit and the Maximum Import Limit (in each case, as defined in the Grid Code) are submitted to the Transmission Company to the extent required by and in accordance with the provisions of the Grid Code.

*Delete paragraph 2.2.2 and replace it with the words 'Not Used' as follows:*

**2.2.2 In respect of Interconnector BM Units:**

- ~~(a) the value of Maximum Import Limit for the Production BM Unit shall be zero; and~~
- ~~(b) the value of Maximum Export Limit for the Consumption BM Unit shall be zero. Not used.~~

*Amend paragraph 2.2.3 to read as follows:*

- 2.2.3 ~~Without prejudice to paragraph 2.2.2, t~~The Lead Party may change the Maximum Export Limit and/or the Maximum Import Limit for a relevant BM Unit at any time by notifying the Transmission Company in accordance with the Grid Code and any such change shall be effective from such time as provided in the Grid Code.

### **3.2 Final Physical Notification Data**

*Delete sub-paragraph 3.2.3(e) as follows:*

- 3.2.3 The requirements referred to in paragraph 3.2.1 are:

- (a) Final Physical Notification Data shall comprise one or more values, each of which shall comprise a MW 'from' level with an associated 'from' time and a MW 'to' level with an associated 'to' time;
- (b) in each case, the MW level shall be an amount representing a quantity of Active Power expressed in whole MW and for spot time 't' falling within the relevant Settlement Period, where 't' is a time expressed in a whole number of minutes;
- (c) Final Physical Notification Data shall include a MW level for the spot time at the start of the relevant Settlement Period and a MW level for the spot time at the end of the relevant Settlement Period; and
- (d) Final Physical Notification Data shall comply with the conventions established in Section X<sub>2</sub>; ~~and~~
- ~~(e) in the case of Interconnector BM Units:~~
- ~~(i) the MW level for a Production BM Unit shall be zero or a positive amount;~~
- ~~(ii) the MW level for a Consumption BM Unit shall be zero or a negative amount; and~~
- ~~(iii) the MW level for each of the pair of BM Units associated with an Interconnector and an Interconnector User shall be such that at no time is the value of  $FPN_{ij}(t)$  for both such BM Units a non-zero amount for the same spot time.~~

## **SECTION R: COLLECTION AND AGGREGATION OF METER DATA FROM CVA METERING SYSTEMS (Version 12)**

*Amend paragraph 7.1.2 to read as follows:*

- 7.1.2 BM Unit Metered Volumes for the Interconnector BM Units ~~s~~ for which the Interconnector Error Administrator is Lead Party will be determined (inter alia, using the Interconnector Metered Volume) in accordance with Section T4.1 and not this paragraph 7, and accordingly:

- (a) references in this paragraph 7 to Interconnector BM Units do not include the Interconnector BM Units ~~of~~for which the relevant Interconnector Error Administrator (in that capacity) is Lead Party;
- (b) the Interconnector Metered Volume (determined under paragraph 5) is not used for the purposes of this paragraph 7.

*Amend paragraph 7.1.3 to read as follows:*

7.1.3 For the purposes of this paragraph 7:

- (a) the "**Interconnector Scheduled Transfer**" for each Interconnector in relation to a Settlement Period is the Active Energy flow, scheduled for all Interconnector Users (and not exceeding the physical capability of the Interconnector as from time to time determined under the relevant Interconnection Agreements), across the Interconnector (as a whole), as established pursuant to the relevant Interconnection Agreements between the Interconnected System Operator and the Externally Interconnected System Operator, stated as at the Transmission System Boundary, in the form of a schedule expressed as MW values for the spot times at the start and end of, and other spot times within, the Settlement Period;
- (b) after Gate Closure in relation to any Settlement Period, the Interconnector Scheduled Transfer is to be adjusted to reflect:
  - (i) any failure or derating of the physical capability of the Interconnector (as determined under the relevant Interconnection Agreements), and any subsequent uprating of the physical capability of the Interconnector provided that the uprated capability does not exceed the Interconnector Scheduled Transfer established at Gate Closure;
  - (ii) the acceptance by the Transmission Company of any Offer or Bid submitted by an Interconnector User in respect of an Interconnector BM Unit; or
  - (iii) any event occurring in relation to an External System, to the extent so provided in the relevant Interconnection Agreements, as notified to the Interconnector Administrator;

but shall not otherwise be adjusted;

- (c) the "**final**" Interconnector Scheduled Transfer in relation to a Settlement Period is the Interconnector Scheduled Transfer prevailing at the end of that Settlement Period;
- (d) for each Interconnector BM Unit:
  - ~~(i) the "**Expected Transfer**" in relation to a Settlement Period is a schedule of expected Active Energy flows, stated as at the Transmission System Boundary, expressed as MW values for the spot times at the start and end of, and other spot times within, the Settlement Period; and~~
  - ~~(ii) in the case of a Production BM Unit, the Expected Transfer shall relate only to Exports;~~

~~(iii) in the case of a Consumption BM Unit, the Expected Transfer shall relate only to Imports.~~

- (e) for the purposes of an Interconnector Scheduled Transfer and an Expected Transfer, MW values are to be specified at particular spot times during (and including the start and end of) the relevant Settlement Period, and MW values at other spot times shall be established by linear interpolation.

## 7.5 System-to-system flows

7.5.1 This paragraph 7.5 applies where, as a result of an arrangement (outside the arrangements for scheduling flows on behalf of Interconnector Users) between the Transmission Company and an Externally Interconnected System Operator (and, as the case may be, the system operator of any other system linked to the Total System or the External System), a flow across an Interconnector is scheduled or varied for the purpose of securing stability of operation on the Total System or the External System (or any such other system) or for any other purpose of the Transmission Company or the Externally Interconnected System Operator (or such other system operator).

*Amend paragraph 7.5.2 to read as follows:*

7.5.2 For the purposes of allocating and accounting for the Active Energy comprised in any flows as described in paragraph 7.5.1, the Transmission Company (in that capacity and not in any capacity of Interconnector Error Administrator) shall be:

- (a) allocated (and subject to paragraph 7.5.2A registered in respect of) ~~two-one~~ notional BM Units, for each Interconnector, ~~designated as a Production BM Unit and a Consumption BM Unit respectively~~, which shall be treated as a BM Units (and as an Interconnector BM Units for which the Transmission Company is the Interconnector User) for the purposes only of paragraphs 7.4.3, 7.5.4 and 7.5.5, Sections K1.1.4(a)(iv), K5.7.1, and Sections T1.3.5, T2, T4.1, T4.5 and T4.6; and
- (b) treated as an Interconnector User for that Interconnector accordingly for the purposes only of those paragraphs and Sections.

*Insert new paragraph 7.5.2A to read as follows:*

7.5.2A To enable the registration of a BM Unit allocated under paragraph 7.5.2, the Transmission Company shall elect, by notice to the CRA in accordance with BSCP15, whether the P/C Status of the BM Unit is to be Production or Consumption.

7.5.3 In relation to each Settlement Period and each Interconnector, not later than the end of the Business Day next following the Settlement Day, the Transmission Company shall determine (on a basis for the time being approved in writing by the Authority for the purposes of this paragraph 7.5), and notify to the Interconnector Administrator, details of the net amount (in MWh) of any flows as described in paragraph 7.5.1 (the net amount being the "system-to-system flow").

*Amend paragraph 7.5.4 to read as follows:*

7.5.4 For each Settlement Period, the BM Unit Metered Volumes for the BM Units allocated to the Transmission Company under paragraph 7.5.2 for each Interconnector shall be ~~as follows:~~

- ~~(a) for the Production BM Unit,~~ the system-to-system flow for the relevant Interconnector as notified by the Transmission Company to the Interconnector Administrator under

paragraph 7.5.3 ~~where the net amount notified is an Export system to system flow, and otherwise zero;~~

~~(b) for the Consumption BM Unit, the system to system flow for the relevant Interconnector as notified by the Transmission Company to the Interconnector Administrator under paragraph 7.5.3 where the net amount notified is an Import system to system flow, and otherwise zero.~~

## SECTION T: SETTLEMENT AND TRADING CHARGES (Version 20)

*Amend paragraph 1.3.5 to read as follows:*

1.3.5 Data required from Interconnector Administrators are BM Unit Metered Volumes for the Interconnector BM Units of each Interconnector User for each Interconnector.

*Amend paragraph 1.4.6 to read as follows:*

1.4.6 Where and for so long as any of paragraphs (a), (b), (c) or (d) of Section K5.4.6 applies in respect of an Interconnector, all BM Unit Metered Volumes for the Interconnector BM Units of each Interconnector User for that Interconnector (whether or not any such volumes are submitted under paragraph 1.3.5) shall be set to zero.

## 4. SETTLEMENT CALCULATIONS

### 4.1 Treatment of Interconnector BM Units

*Amend paragraph 4.1.1 to read as follows:*

4.1.1 For each Settlement Period, the BM Unit Metered Volume for the ~~relevant~~ Interconnector BM Unit ~~(as determined in paragraph 4.1.2)~~ of ~~the an~~ Interconnector Error Administrator will be determined as follows:

$$QM_{ij} = IMV_j - \sum_i QM_{ij}$$

Where  $\sum_i$  is the sum over all Interconnector BM Units for which the Lead Parties are Interconnector Users in relation to the Interconnector in question.

*Delete paragraph 4.1.2:*

~~4.1.2 In respect of the Interconnector BM Units of an Interconnector Error Administrator for the Interconnector in question:~~

~~(a) where  $QM_{ij}$  is positive, it shall be the BM Unit Metered Volume for the Production Interconnector BM Unit of the Interconnector Error Administrator, and~~

~~(b) where  $QM_{ij}$  is negative, it shall be the BM Unit Metered Volume for the Consumption Interconnector BM Unit of the Interconnector Error Administrator,~~

~~and, in each case, the BM Unit Metered Volume for the other Interconnector BM Unit of the Interconnector Error Administrator for that Interconnector (the Consumption Interconnector BM Unit, in the case of paragraph (a), and the Production Interconnector BM Unit, in the case of paragraph (b)) shall be zero.~~



## ANNEX X-1: GENERAL GLOSSARY (Version 52)

Delete and amend the following definitions from the General Glossary in Annex X-1 as follows:

|  |  |
|--|--|
| "Consumption BM Unit":                           | means a BM Unit which: <ul style="list-style-type: none"><li>(i) <del>in the case of a BM Unit other than an Interconnector BM Unit,</del> is classified as a Consumption BM Unit in accordance with the provisions of Section K3.5.2; <del>or;</del></li><li>(ii) in the case of an Exempt Export BM Unit, the Lead Party has elected to treat <u>the BM Unit</u> as a Consumption BM Unit pursuant to Section K3.5.5; <del>or and</del></li><li>(iii) in the case of an Interconnector BM Unit, <del>is designated by the CRA as a 'Consumption' BM Unit pursuant to Section K3.5.5;</del> <u>the Lead Party has elected to treat the BM Unit as a Consumption BM Unit pursuant to Section K3.5.4;</u></li></ul> |
| <del>"Consumption Interconnector BM Unit":</del> | <del>an Interconnector BM Unit designated by the CRA as a 'Consumption' BM Unit;</del>   |
| "Production BM Unit":                            | means a BM Unit which: <ul style="list-style-type: none"><li>(i) <del>in the case of a BM Unit other than an Interconnector BM Unit,</del> is classified as a Production BM Unit in accordance with the provisions of Section K3.5.2; <del>or;</del></li><li>(ii) in the case of an Exempt Export BM Unit, the Lead Party has elected to treat <u>the BM Unit</u> as a Production BM Unit pursuant to Section K3.5.5; <del>and or</del></li><li>(iii) in the case of an Interconnector BM Unit, <del>is designated by the CRA as a 'Production' BM Unit pursuant to the Lead Party has elected to treat the BM Unit as a Consumption BM Unit pursuant to</del> <u>Section K3.5.45.5.5;</u></li></ul>               |
| <del>"Production Interconnector BM Unit":</del>  | <del>means an Interconnector BM Unit designated by the CRA as a 'Production' BM Unit;</del>  |