Chapter 2 Participation

5.5   Non-Injecting Generation Facilities

> **Explanatory Note: The classification of a generation facility as a "non-injecting generation facility" is one of the prerequisites for embedded generators receiving net treatment on certain non-reserve charges (i.e. MEUC, the PSO's fees and the EMC's fees) under Chapter 7.**

5.5.1   When applying to register a *generation facility* under section 5.2, 5.3 or 5.4, a *market participant* who intends to have that *generation facility* classified as a *non-injecting generation facility*, shall, at the time of such application, provide each of the *EMC* and the *MSSL* with a copy of the *Authority's* written approval for such classification. The *EMC* shall then classify that *generation facility* as a *non-injecting generation facility* upon registration.

5.5.2   A *market participant*, who wishes its *generation facility* which is already registered under section 5.2, 5.3 or 5.4 to be classified as a *non-injecting generation facility*, shall provide each of the *EMC* and the *MSSL*, at the same time, with a copy of the *Authority's* written approval for such classification. The *EMC* shall classify that *generation facility* as a *non-injecting generation facility* no later than ten *business days* after receiving a copy of such written approval.

5.5.3   A *market participant* shall ensure that its *generation facility*, for as long as such *generation facility* is classified by the *EMC* as a *non-injecting generation facility*, does not inject *electricity* into the *transmission system*.

5.5.4   If a *market participant* intends for its *non-injecting generation facility* to inject *electricity* into the *transmission system*, the *market participant* shall obtain the *Authority's* written approval for cessation of that *generation facility*'s classification as a *non-injecting generation facility* and provide a copy of such written approval to each of the *EMC* and the *MSSL* at the same time. The *EMC* shall cease to classify that *generation facility* as a *non-injecting generation facility* no later than ten *business days* after receiving a copy of such written approval.

Chapter 7

Existing rules (Release: 1 January 2007)	Proposed rules (Deletions represented by strikethrough text and additions (and formatting changes) double underlined)	Reasons for modification
2.1.2 The *EMC* shall establish procedures whereby each *market participant* and *market support services licensee* shall provide to the *EMC* such information as may be required by the *EMC* to establish and maintain a *settlement account* for it, such that: 2.1.2.1 each *settlement account* is associated with a single *market participant* or *market support services licensee*, in the sense that that *market participant* or *market support services licensee* is financially responsible for the *settlement* payments made into or from that *settlement account*; and 2.1.2.2 each *market participant* and each *market support services licensee* is associated with a single *settlement account*, in the sense that the *settlement* payments made with respect to that *market participant* or *market support services licensee* are accounted for, *invoiced* and made	2.1.2 The *EMC* shall establish procedures whereby each *market participant* and *market support services licensee* shall provide to the *EMC* such information as may be required by the *EMC* to establish and maintain a *settlement account* for it, such that: 2.1.2.1 each *settlement account* is associated with a single *market participant* or *market support services licensee*, in the sense that that *market participant* or *market support services licensee* is financially responsible for the *settlement* payments made into or from that *settlement account*; and 2.1.2.2 each *market participant* and each *market support services licensee* is associated with a single *settlement account*, in the sense that the *settlement* payments made with respect to that *market participant* or *market support services licensee* are accounted for, *invoiced* and made through that *settlement account*,	Rule Change: To make clear that if the market participant (MP) has embedded generation facilities (EGs) as defined in section 4.4.2 each group of EGs would be allocated a separate settlement account. However if the MP only has one group of EGs and no other generation/load facilities it will be allocated only one settlement account. Read with section 4.4.5 it reflects the EMA's decision to give a market

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through that *settlement account,* except where a *market participant* has embedded *generation facilities* as defined in section 4.4.2, the *market participant* will be assigned a separate *settlement account* for each group of embedded *generation facilities* and the associated *load* as defined in section 4.4.4.	except ~~that,~~ where a *market participant* has embedded *generation facilities* as defined in section 4.4.2, the *market participant* will be ~~assigned~~ associated with a separate *settlement account* for each group of embedded *generation facilities*, ~~; and the associated *load* as defined in section 4.4.4,~~ provided always that, where the *market participant* only has one group of embedded *generation facilities* as defined in section 4.4.2, but has no other *generation facility* or *load facility*, then such *market participant* shall be associated only with a single *settlement account*.	participant with embedded generation facilities two options to settle for price neutralisation: 1) both generation by its group of embedded generation facilities and that group's associated load are associated with the same settlement account of that market participant (i.e. that group's generation and consumption are both settled via the same settlement account of that market participant for that group); or 2) the generation by

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		its group of embedded generation facilities is associated with a single settlement account of that market participant, while that group's associated load is associated with another market participant's settlement account (e.g. a group's generation may settled under the market participant's settlement account for that group, while the group's associated load may be settled under another market participant's

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		settlement account).
2.2.3 The *market support services licensee* shall, for each *dispatch period*, determine and provide the following *energy* quantities for the *settlement interval* corresponding to that *dispatch period*: IEQ_h^m = injection *energy* quantity (in MWh) for *GRF* m or *GSF* m for *settlement interval* h WEQ_h^a = withdrawal *energy* quantity (in MWh), deemed to be withdrawn at the *SHUB*, for *settlement account* a for *settlement interval* h = total *energy* withdrawn in *settlement interval* h by all *load* associated with *settlement account* a IIQ_h^i = net imported *intertie* quantity	2.2.3 The *market support services licensee* shall, for each *dispatch period*, determine and provide the following *energy* quantities for the *settlement interval* corresponding to that *dispatch period*: $IEQ_h^{m\underline{(a)}}$ = injection *energy* quantity (in MWh) for *GRF* m$\underline{(a)}$ or *GSF* m$\underline{(a)}$ $\underline{\text{associated with } \textit{settlement account} \text{ a}}$ for *settlement interval* h WEQ_h^a = withdrawal *energy* quantity (in MWh), deemed to be withdrawn at the *SHUB*, ~~for~~ $\underline{\text{by all } \textit{load} \text{ associated with } \textit{settlement account}}$ a for *settlement interval* h = ~~total *energy* withdrawn in *settlement interval* h by all *load* associated with *settlement account* a~~ $\underline{WCQ_h^a}$ = $\underline{\text{total withdrawal charge quantity (in MWh) for } \textit{settlement account} \text{ a for}}$	 Drafting change: To improve rule drafting. Drafting change: To improve rule drafting.

Existing rules (Release: 1 January 2007)	Proposed rules (Deletions represented by strikethrough text and additions (and formatting changes) double underlined)		Reasons for modification
(in MWh) flowing into or out of the *transmission system* due to *intertie flows* at *MNN* i in *settlement interval* h	*settlement interval* h, being the quantity of *energy* determined as follows:		
	$\underline{WEQ_h^a}$	minus	sum of all injection *energy* quantities for all groups of embedded *generation facilities* (that are comprised wholly of *non-injecting generation facilities*) whose associated *loads* are associated with *settlement account* a for *settlement interval* h	Rule Change: To introduce the term "WCQ" and to specify how 'WCQ' is determined. 'WCQ' is required for the EMC to determine the amount of MEUC cost to be charged to a settlement account for a settlement interval. It is required to give effect to the Government's policy decision to grant embedded generators net treatment on non-reserve charges (e.g. MEUC)

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	$\underline{WPQ_{h(sa)}}$ = total withdrawal price quantity (in MWh) determined for the purpose of nodal price neutralisation under section 4.4, being the quantity of _energy_ deemed to be withdrawn at the _SHUB_ for _settlement interval_ h by the associated _load_ (as defined in section 4.4.4) for each group of embedded _generation facilities_ associated with _settlement account_ sa $IIQ_h^{\ i}$ = net imported _intertie_ quantity (in MWh) flowing into or out of the _transmission system_ due to _intertie flows_ at _MNN_ i ~~in~~ for _settlement interval_ h **Explanatory Note:** WCQ is required for the EMC to	provided these generators are classified as non-injecting generation facilities. In essence, 'WCQ' will capture the 'net load' for the associated load of all groups of embedded generation facilities (which are comprised entirely of generation facilities classified as non-injecting generation facilities). For all other load, 'WCQ' is equivalent to WEQ (i.e. it captures the 'gross load'). Rule Change: To introduce the term

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	determine the amount of MEUC cost to be charged to a settlement account for a settlement interval. Only associated load for a group of embedded generation facilities (which is comprised wholly of non-injecting generation facilities) will be charged MEUC cost based on 'net load'. All other load will be charged MEUC cost based on 'gross load'. Hence, in respect of the associated loads for all groups of embedded generation facilities (which are not comprised exclusively of non-injecting generation facilities) associated with a settlement account, WCQ for that settlement account would be equal to WEQ.	'WPQ' and to specify how 'WPQ' is determined. 'WPQ' is necessary for the EMC to determine the price neutralisation settlement for a market participant's group of embedded generation facilities which has been granted authorisation for price neutralisation by the EMA. In essence, it captures the associated load for that market participant's group. This associated load can be settled through that market participant's settlement account associated with that group, or through

Existing rules (Release: 1 January 2007)	Proposed rules (Deletions represented by strikethrough text and additions (and formatting changes) double underlined)	Reasons for modification
		another settlement account of another market participant (e.g. a retailer's settlement account).
3.7.1 The *EMC* shall determine the net account *settlement* credit (NASC) applicable to each *settlement account* in each *settlement interval* in accordance with the following formula: $NASC_h^a = NESC_h^a + NFSC_h^a + NRSC_h^a + NTSC_h^a + VCSC_h^a - (HEUC_h + MEUC) \times WEQ_h^a$ where: a = a *settlement account* h = a *settlement interval*	3.7.1 The *EMC* shall determine the net account *settlement* credit (NASC) applicable to each *settlement account* in each *settlement interval* in accordance with the following formula: $NASC_h^a = NESC_h^a + NFSC_h^a + NRSC_h^a + NTSC_h^a + VCSC_h^a -$ ~~$(HEUC_h + MEUC) \times WEQ_h^a$~~ $(HEUC_h \times WEQ_h^a) - (MEUC \times WCQ_h^a)$ where: a = a *settlement account* h = a *settlement interval*	Rule change: To reflect the Government's policy decision to grant net treatment on non-reserve charges (e.g. MEUC) in respect of a group of embedded generation facilities provided that all such generation facilities are classified as non-injecting generation facilities.
4.1.7 Prior to the beginning of each calendar month, the *EMC* shall project the monthly	4.1.7 Prior to the beginning of each calendar month, the *EMC* shall project the ~~monthly withdrawal~~ *energy*	Rule change: To reflect the

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withdrawal *energy* quantities (MWEQ) for that calendar month. MWEQ = projected $\Sigma_h \Sigma_a WEQ_h{}^a$, where: Σ_h = sum over all *settlement intervals* h in a calendar month Σ_a = sum over all *settlement accounts* a	~~quantities (MWEQ)~~ <u>monthly withdrawal charge quantities (MWCQ)</u> for that calendar month. ~~MWEQ = projected $\Sigma_h \Sigma_a WEQ_h{}^a$;~~ <u>MWCQ = projected $\Sigma_h \Sigma_a WCQ_h{}^a$,</u> where: Σ_h = sum over all *settlement intervals* h in a calendar month Σ_a = sum over all *settlement accounts* a	Government's policy decision to grant net treatment on non-reserve charges (e.g. MEUC) in respect of a group of embedded generation facilities provided that all such generation facilities are classified as non-injecting generation facilities.
4.1.8 Prior to the beginning of each calendar month, the *EMC* shall estimate the monthly *energy* uplift charge (MEUC) for that calendar month as follows: MEUC = MEUA/MWEQ	4.1.8 Prior to the beginning of each calendar month, the *EMC* shall estimate the monthly *energy* uplift charge (MEUC) for that calendar month as follows: ~~MEUC = MEUA/MWEQ~~ <u>MEUC = MEUA/MWCQ</u>	Rule change: To reflect the Government's policy decision to grant net treatment on non-reserve charges (e.g. MEUC) in respect of a group of embedded

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		generation facilities provided that all such generation facilities are classified as non-injecting generation facilities.
4.1.9 Within 1 *business day* of the beginning of each calendar month, the *EMC* shall *publish* the value established for each of MACP, MTRA, MISC, MEUS and MWEQ for that calendar month.	4.1.9 Within 1 *business day* of the beginning of each calendar month, the *EMC* shall *publish* the value established for each of MACP, MTRA, MISC, MEUS and ~~MWEQ~~ MWCQ for that calendar month.	Rule change: Consistent with the rule changes which are intended to reflect the Government's policy decision to grant certain embedded generator net treatment on non-reserve charges, this rule is amended so that the EMC is now required to publish the value of MWCQ instead of

Existing rules (Release: 1 January 2007)	Proposed rules (Deletions represented by strikethrough text and additions (and formatting changes) double underlined)	Reasons for modification
		MWEQ.
4.4 (USEP+HEUC)/NODAL PRICE NEUTRALISATION **Explanatory note: This section applies to an applicable market participant of the generation licensee class authorised by the Authority as defined in Section 4.4.1. Each group of embedded generation facilities and the associated load will be assigned one settlement account.**	**4.4 (USEP+HEUC)/NODAL PRICE NEUTRALISATION** **Explanatory note: This section applies to ~~an applicable~~ a market participant <u>who satisfies the conditions, and is</u> ~~of the generation licensee class~~ authorised by the Authority as <u>provided</u> ~~as defined~~ in Section 4.4.1. Each group of embedded generation facilities ~~and the associated load will be assigned one settlement account.~~ <u>of a market participant will be associated with a single settlement account of such market participant. The associated load for such a group of embedded generation facilities may be associated with either the settlement account of that group or another market participant's settlement account.</u>**	The proposed amendment to section 4.4.5 below allows the associated load of a group of embedded generation facilities of a market participant to be associated with either the same settlement account as the market participant's settlement account for that group OR to a different settlement account of another market participant. The changes to the explanatory note are intended for consistency with the proposed

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		amendment to sections 4.4.1 and 4.4.5 below.

4.4.1   A *generation licensee* having a *generation facility* which *generates electricity* for the consumption of that *generation licensee* and/or its *related corporations* is eligible to apply to the *Authority* for authorisation for the purpose of this section, provided that such consumption occurs:
 	
4.4.1.1   on the same physical site as the site of such *generation facility*; or
 	
4.4.1.2   on the physical site that is:
 	
    a.   majority owned by the *generation licensee* or any of its *related corporations*; and
 	
    b.   immediately adjacent and contiguous to the site of such *generation facility*.
	4.4.1 ~~A *generation*~~ A *market participant,* who is an *electricity* licensee and has ~~having~~ a *generation facility* which *generates electricity* for the consumption of that ~~*generation licensee*~~ *market participant* and/or its *related corporations* is eligible to apply to the *Authority* for authorisation for the purpose of this section, provided that such consumption occurs:
	
	4.4.1.1 on the same physical site as the site of such *generation facility*; or
	
	4.4.1.2 on the physical site that is:
	
	    a. majority owned by the ~~*generation licensee*~~ *market participant* or any of its *related corporations*; and
	
	    b. immediately adjacent and contiguous to the site of such *generation facility*.
		Rule Change: These changes are proposed pursuant to the EMA's proposal to expand the eligibility criteria under this section from "generation licensee" to "electricity licensee". They are intended to allow any market participant with an electricity licence (and who meets the criteria set out in section 4.4.1) (and not merely generation licensees only) to apply for

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		authorisation from the EMA (as referred to in section 4.4.1). It is intended that a market participant would be eligible as aforesaid if: (1) it is an electricity licensee; (2) it has a generation facility that generates electricity for its (and its related corporations') consumption; and (3) such consumption meets the requirements of sections 4.4.1.1 or 4.4.1.2.
4.4.3 The *Authority* shall assign each embedded *generation facility* to a group containing only embedded *generation facilities*. Two or more	4.4.3 The *Authority* shall assign each embedded *generation facility* to a group containing only embedded *generation facilities*. Two or more	Rule change: This amendment is to expand 'generation

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embedded *generation facilities* shall be assigned the same group if and only if: 4.4.3.1 they are *generation facilities* of the same *generation licensee*; and 4.4.3.2 they are on the same physical site or on physical sites that are immediately adjacent and contiguous to each other.	embedded *generation facilities* shall be assigned <u>to</u> the same group if and only if: 4.4.3.1 they are *generation facilities* of the same ~~*generation licensee*~~ <u>*market participant*</u>; and 4.4.3.2 they are on the same physical site or on physical sites that are immediately adjacent and contiguous to each other.	licensee' to a 'market participant' (who is an electricity licensee) and it is in line with the proposed amendments to section 4.4.1.
4.4.5 Each group of embedded *generation facilities* and its associated *load* shall collectively be assigned one *settlement account*.	4.4.5 ~~Each group of embedded *generation facilities* and its associated *load* shall collectively be assigned one *settlement account*.~~ <u>The associated *load* of each group of embedded *generation facilities* may be associated with the *settlement account* of that group or another *market participant's settlement account*</u>.	Rule Change: These proposed amendments are intended to reflect the Government's policy decision to allow the associated load of a group of embedded generation facilities of a market participant to be associated with the same settlement

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		account as the market participant's settlement account for that group OR to a different settlement account of another market participant.
4.4.7.4 The *EMC* shall determine the NEGC for that group for the *settlement interval* as follows: $\text{NEGC}_h^{sa} = \Sigma_{z=1}^{Z}[\text{T}(z) \times (\text{USEP}_h + \text{HEUC}_h - \text{MEP}_h^{m(z)})] \times \text{WEQ}_h^{sa}$ where: sa = the *settlement account* assigned to that group h = the settlement interval Z = total number of *MNNs* for *settlement account* sa, excluding *MNNs* at which the injection *energy*	4.4.7.4 The *EMC* shall determine the NEGC for that group for the *settlement interval* as follows: $\text{NEGC}_h^{sa} = \Sigma_{z=1}^{Z}[\text{T}(z) \times (\text{USEP}_h + \text{HEUC}_h - \text{MEP}_h^{m(z)})] \times \underline{\text{WPQ}_{h(sa)}}~\text{WEQ}_h^{sa}$ where: sa = the *settlement account* ~~assigned to~~ <u>associated with</u> that group h = the settlement interval Z = total number of *MNNs* for *settlement account* sa, excluding *MNNs* at which the injection *energy* quantity for the	Rule change: WPQ is necessary for EMC to determine the price neutralisation settlement for a group of embedded generation facilities of a market participant which has been granted price neutralisation by the EMA. In essence, it captures the associated load for that market

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quantity for the *settlement interval* is negative	*settlement interval* is negative $\underline{WPQ_{h(sa)}}$ = associated *load* for that group	participant's group. This associated load can be associated with that market participant's settlement account for that group, or under another settlement account of another market participant (e.g. a retailer's settlement account).
4.4.10 For each *settlement interval*, the *EMC* shall determine the net *energy* adjustment debit (NEAD) applicable to each *market participant* who has withdrawn *energy* from the *transmission system* in that *settlement interval* as follows: $NEAD_h^{sa} = NEAA_h \times [(WEQ_h^{sa} - R_h^{sa})/(\sum_j WEQ_h^j - \sum_l R_h^l)]$ where:	4.4.10 For each *settlement interval*, the *EMC* shall determine the net *energy* adjustment debit (NEAD) applicable to each *market participant* $\underline{\text{or market support services licensee}}$ who has withdrawn *energy* from the *transmission system* in that *settlement interval* as follows: $\sout{NEAD_h^{sa} = NEAA_h \times [(WEQ_h^{sa} - R_h^{sa})/(\sum_j WEQ_h^j - \sum_l R_h^l)]}$ $\underline{NEAD_h^a = NEAA_h \times [(WEQ_h^a - \sum_{sa(a)} R_{h(sa)}^a)/(\sum_j WEQ_h^j - \sum_l \sum_{sa(l)} R_{h(sa)}^l)]}$	Rule change: (1) NEAD is payable by each market participant or market support services licensee (MSSL) who has withdrawn energy from the grid. MSSL currently has been omitted.

Existing rules (Release: 1 January 2007)	Proposed rules (Deletions represented by strikethrough text and additions (and formatting changes) double underlined)	Reasons for modification
sa = *settlement account* of a *market participant* who has withdrawn *energy* in *settlement interval* h h = a *settlement interval* $\sum_j$ = sum over all *settlement accounts* j R_h^{sa} = minimum of WEQ_h^{sa} or $\sum_{m(a)} IEQ_h^{m(sa)}$ if *settlement account* sa is assigned to a group of embedded *generation facilities* $\sum_{m(sa)}$ = sum over all *MNNs* m(sa) associated with *settlement account* sa, excluding *MNNs* at which the injection *energy* quantity for *settlement interval* h is negative R_h^{sa} = 0 if *settlement account* sa is not assigned to a group of embedded *generation facilities* $\sum_l$ = sum over all *settlement accounts* l	where: ~~sa~~ = *settlement account* of a *market participant* or <u>*market support services licensee*</u> who has withdrawn *energy* in *settlement interval* h h = a *settlement interval* $\sum_j$ = sum over all *settlement accounts* j ~~$R_{h(sa)}^{sa}$ = minimum of WEQ_h^{sa} or $\sum_{m(a)} IEQ_h^{m(sa)}$ if *settlement account* sa is assigned to a group of embedded *generation facilities*~~ <u>$R_{h(sa)}^{a}$ = minimum of $WPQ_{h(sa)}^{a}$ or $\sum_{m(sa)} IEQ_h^{m(sa)}$, if *settlement account* a is associated with the associated *load* for a group of embedded *generation facilities* associated with *settlement account* sa that has been granted price neutralisation under this section 4.4</u> <u>$R_{h(sa)}^{a}$ = 0, if *settlement account* a is not</u>	(2) Modifications are made to the formula to cater for the associated load for a group of embedded generation facilities that has been granted price neutralisation can be assigned with the settlement account associated with that group, or with another settlement account (e.g. a retailer's settlement account).

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	associated with any associated *load* for a group of embedded *generation facilities* associated with *settlement account* sa that has been granted price neutralisation under this section 4.4	
	$\underline{WPQ_{h(sa)}}^{\underline{a}}$ = associated *load*, associated with *settlement account* a, for a group of embedded *generation facilities* associated with *settlement account* sa that has been granted price neutralisation under this section 4.4	
	$\underline{\sum_{sa(a)}}$ = sum over all *settlement accounts* sa of all groups of embedded *generation facilities* whose associated *loads* are associated with *settlement account* a	
	$\sum_{m(sa)}$ = sum over all *MNNs* m(sa) associated with *settlement account* sa, excluding *MNNs* at which the injection *energy* quantity for *settlement interval* h is negative	
	~~R_h^{sa} = 0 if *settlement account* sa is not assigned to a group of embedded~~	

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	generation facilities $\sum_1$ = sum over all *settlement accounts* 1	
4.4.11 The NEAD determined for each *settlement interval* of a given *trading day* and payable by a given *market participant*, shall be aggregated and included in that *market participant's preliminary settlement statement* for that *trading day*.	4.4.11 The NEAD determined for each *settlement interval* of a given *trading day* and payable by a given *market participant* <u>or *market support services licensee*</u>, shall be aggregated and included in that *market participant's preliminary settlement statement* for that *trading day*.	Rule change: NEAD is payable by each market participant or market support services licensee (MSSL) who has withdrawn energy from the grid. MSSL currently has been omitted.

APPENDIX 7B, CHAPTER 7

Existing rules (Release: 1 January 2007)	Proposed rules (Deletions represented by strikethrough text and additions (and formatting changes) double underlined)	Reasons for modification
B.3.1 The *market support services licensee* shall, in accordance with the schedule below,	B.3.1 The *market support services licensee* shall, in accordance with the schedule below,	Rule Change: To include WCQ in the

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submit the relevant *metering data* or corrected *metering data* to the *EMC*:	submit the relevant *metering data* or corrected *metering data* to the *EMC*:	corrected metering data, since WCQ will have impact on settlement adjustment arising from metering error.

Submission Time	Content of *Metering Data*	Purpose	The change in IEQ (ΔIEQ) or WEQ (ΔWEQ) for affected *settlement accounts* to be used for settlement adjustment in B.4.
…	…	…	…

Submission Time	Content of *Metering Data*	Purpose	The change in IEQ (ΔIEQ), ~~or~~ WEQ (ΔWEQ) <u>or WCQ (ΔWCQ)</u> for affected *settlement accounts* to be used for settlement adjustment in B.4.
…	…	…	…

Existing rules (Release: 1 January 2007)	Proposed rules (Deletions represented by strikethrough text and additions (and formatting changes) double underlined)	Reasons for modification
B.4.2. The *metering error* adjustments for each affected *settlement account* for each *settlement interval* shall be determined as follows: Generation *metering error* adjustment for *energy* (GMEE) and generation *metering error* adjustment for fees (GMEF) shall be determined as follows: $GMEE_h{}^a = \sum_{m(a)} (MEP_h{}^{m(a)} \times \Delta IEQ_h{}^{m(a)})$ $GMEF_h{}^a = \sum_{m(a)} (PSOA_h + EMCA_h) \times \Delta IEQ_h{}^{m(a)}$ *Load metering error* adjustment (LMEA) shall be determined as follows: $LMEA_h{}^a = WEP_h \times \Delta WEQ_h{}^a$ Net *metering error* adjustment (NMEA) shall be determined as follows: $NMEA_h{}^a = GMEE_h{}^a - GMEF_h{}^a - LMEA_h{}^a$	B.4.2 The *metering error* adjustments for each affected *settlement account* for each *settlement interval* shall be determined as follows: Generation *metering error* adjustment for *energy* (GMEE) and generation *metering error* adjustment for fees (GMEF) shall be determined as follows: $GMEE_h{}^a = \sum_{m(a)} (MEP_h{}^{m(a)} \times \Delta IEQ_h{}^{m(a)})$ $GMEF_h{}^a = \sum_{m(a)} (PSOA_h + EMCA_h) \times \Delta IEQ_h{}^{m(a)}$ *Load metering error* adjustment (LMEA) shall be determined as follows: $LMEA_h{}^a = \text{~~}WEP_h \times \Delta WEQ_h{}^a\text{~~}$ $[(USEP_h + AFP_h + HEUC_h) \times \Delta WEQ_h{}^a] + [(MEUC_h + PSOA_h + EMCA_h) \times \Delta WCQ_h{}^a]$ Net *metering error* adjustment (NMEA) shall be determined as follows: $NMEA_h{}^a = GMEE_h{}^a - GMEF_h{}^a - LMEA_h{}^a$ Where:	Rule Change: It is intended that a group of embedded generation facilities which is comprised entirely of non-injecting generation facilities will pay EMC fees, PSO fees and MEUC based on 'Net Load'. As a result, it is necessary to make changes to the determination of LMEA to give effect to this intention.

Existing rules (Release: 1 January 2007)	Proposed rules (Deletions represented by strikethrough text and additions (and formatting changes) double underlined)	Reasons for modification
Where:	(i) $MEP_h^{m(a)}$, $USEP_h$, AFP_h, $HEUC_h$, $MEUC_h$, $PSOA_h$ and $EMCA_h$ are rates computed in the *final settlement statement* for *trading day* T	
(i) $MEP_h^{m(a)}$, $USEP_h$, AFP_h, $HEUC_h$, $MEUC_h$, $PSOA_h$ and $EMCA_h$ are rates computed in the *final settlement statement* for *trading day* T	(ii) ~~$WEP_h = \sum (USEP_h + AFP_h + HEUC_h + MEUC_h + PSOA_h + EMCA_h)$~~	Rule Change: As the formula contained in this section B.4.2 no longer uses 'WEP_h', the definition for 'WEP_h' in this section B.4.2 is no longer necessary and has been deleted.
(ii) $WEP_h = \sum (USEP_h + AFP_h + HEUC_h + MEUC_h + PSOA_h + EMCA_h)$	(iii) a = a *settlement account*	
(iii) a = a *settlement account*	(iv) h = a *settlement interval*	
(iv) h = a *settlement interval*	(v) $MEP_h^{m(a)}$ = *MEP* for *settlement interval* h for a *market network node* associated with *settlement account* a.	
(v) $MEP_h^{m(a)}$ = *MEP* for *settlement interval* h for a *market network node* associated with *settlement account* a.	(vi) $\sum_{m(a)}$ = sum over all *GRFs* m(a) and *GSFs* m(a) associated with *settlement account* a.	
(vi) $\sum_{m(a)}$ = sum over all *GRFs* m(a) and *GSFs* m(a) associated with *settlement account* a.	(vii) $\Delta IEQ_h^{m(a)}$ ~~and~~ $_,$ $\Delta WEQ_h^{\ a}$ and $\underline{\Delta WCQ_h^{\ a}}$ are computed based on B.3.1 above	Rule Change: Proposed amendment is made as the formula contained in this section B.4.2 now has 'ΔWCQ' and there is a need to specifiy how 'ΔWCQ' is computed.
(vii) $\Delta IEQ_h^{\ m(a)}$ and $\Delta WEQ_h^{\ a}$ are computed based on B.3.1 above.	(viii) $PSOA_h$ = the rate of *PSO*'s administrative costs to be recovered from a *settlement account* for a *settlement interval* under section 4.2 of this Chapter.	
(viii) $PSOA_h$ = the rate of *PSO*'s administrative costs to be recovered from a *settlement account* for a *settlement interval* under section 4.2 of this Chapter.	(ix) $EMCA_h$ = the rate of *EMC*'s administrative costs to be recovered from a *settlement account* for a *settlement interval* under section 4.2 of	
(ix) $EMCA_h$ = the rate of *EMC*'s administrative costs to be recovered from a *settlement account* for a		

Existing rules (Release: 1 January 2007)	Proposed rules (Deletions represented by strikethrough text and additions (and formatting changes) double underlined)	Reasons for modification
settlement interval under section 4.2 of this Chapter.	this Chapter.	
-	B.4.2A Generation *metering error* adjustment for fees (GMEF) shall not be applicable to a *settlement account* a associated with a group of embedded *generation facilities* which is comprised wholly of *non-injecting generation facilities*.	Rule Change: This proposed amendment is made because a group of embedded generation facilities which does not inject electricity into the transmission system will pay the EMC fees and the PSO fees based on 'Net Load'. The IEQs of such a group will not attract the EMC fees or the PSO fees.

CHAPTER 8

Existing rules (Release: 1 January 2007)	Proposed rules (Deletions represented by strikethrough text and additions (and formatting changes) double underlined)	Reasons for modification
1.1.76 *electricity licence* means a *licence* granted or extended by the *Authority* under Section 9 of the Electricity Act	1.1.76 *electricity licence* means a licence granted or extended by the *Authority* under Section 9 of the Electricity Act, and *electricity licensee* means a person who holds an *electricity licence*.	Rule Change: To provide a definition for the term "electricity licensee". Additionally, to make clear that the word "licence" is not defined under the rules and therefore should not be expressed in italics.
	1.1.[ ] *non-injecting generation facility* means a *generation facility* that is, with the approval of the *Authority,* for the time being classified as such by the *EMC* under section 5.5.1 or 5.5.2 of Chapter 2 and is, by virtue of such classification, not permitted to inject *electricity* into the *transmission system* under section 5.5.3 of Chapter 2;	