

## Notice of Market Rules Modification

<b>Paper No.:</b>	EMC/RCP/58/2011/307
<b>Rule Reference:</b>	Market Rules/Chapter 2 Section 4.1.1 & 6.1, Chapter 8 Section 1
<b>Proposer:</b>	Energy Market Company
<b>Date Received by EMC:</b>	23 September 2011
<b>Category Allocated:</b>	3
<b>Status:</b>	Approved by EMA
<b>Effective Date:</b>	23 December 2011

Currently, the transmission licensee (SP PowerAssets) is required to physically disconnect a generation facility (GF) from the transmission system before the Energy Market Company (EMC) can deregister that GF from the Singapore Wholesale Electricity Market (SWEM). However, this requirement is not feasible when the GF is not directly connected to the transmission system. As such, disconnecting the direct line to the transmission system may prevent other facilities from being able to convey physical services into, through or out of the transmission system.

The paper initially proposed for SPPA to verify whether it is able to disconnect the transmission line in order to disconnect the MP's GF without preventing other facilities from being able to convey physical services into, through or out of the transmission system. Upon SPPA's confirmation of the above to the MP and EMC, the MP is then required to disconnect the GF and inform EMC thereafter.

At the 56<sup>th</sup> RCP Meeting, the RCP tasked EMC to explore the possibility of removing the disconnection requirement from the current deregistration process. Following a discussion with PSO and SPPA, EMC proposes the following changes to the deregistration procedures:

1. Remove the current requirement for SPPA to disconnect the GF from the grid
2. Inform the PSO, SPPA and MSSL upon deregistration of a GF

At the 57<sup>th</sup> RCP Meeting, the RCP supported EMC's proposed changes to the deregistration procedures. Arising from this decision, the proposed rules modification is set out in Annex 1 and was published for comments on 27 September 2011.

As part of the industry consultation, PSO proposed changes to Annex 1. Specifically,

1. To remove the need for PSO to consult SPPA during technical assessment of a GF under deregistration, as disconnection by SPPA is no longer required.
2. To avoid misinterpretation of "removal from service" as disconnection, PSO proposes for these words to be replaced with "cancellation of registration"

The proposed rule modifications to implement the RCP's decision at the 57<sup>th</sup> RCP meeting and PSO proposed changes are set out in Annex 2. These were put up for the RCP's decision at the 58<sup>th</sup> RCP meeting.

The RCP unanimously **recommends** that the EMC Board **adopt** the rule modification proposal as set out in Annex 2.

**Date considered by Rules Change Panel:** 08 November 2011

**Date considered by EMC Board:** 25 November 2011

**Date considered by Energy Market Authority:** 19 December 2011

**Proposed rule modification:**

See attached paper.

**Reasons for rejection/referral back to Rules Change Panel (if applicable):**

PAPER NO : **EMC/BD/XX/2011/XX**

RCP PAPER NO. : **EMC/RCP/58/2011/RC307**

SUBJECT : **DEREGISTRATION OF A GENERATION FACILITY THAT IS NOT DIRECTLY CONNECTED TO THE TRANSMISSION SYSTEM**

FOR : **DECISION**

PREPARED BY : **NERINE TEO  
SENIOR ECONOMIST**

REVIEWED BY : **PAUL POH LEE KONG  
SVP, MARKET ADMINISTRATION**

DATE OF MEETING : **25 NOVEMBER 2011**

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### **Executive Summary**

Currently, the transmission licensee (SP PowerAssets) is required to physically disconnect a generation facility (GF) from the transmission system before the Energy Market Company (EMC) can deregister that GF from the Singapore Wholesale Electricity Market (SWEM). However, this requirement is not feasible when the GF is not directly connected to the transmission system. As such, disconnecting the direct line to the transmission system may prevent other facilities from being able to convey physical services into, through or out of the transmission system.

The paper initially proposed for SPPA to verify whether it is able to disconnect the transmission line in order to disconnect the MP's GF without preventing other facilities from being able to convey physical services into, through or out of the transmission system. Upon SPPA's confirmation of the above to the MP and EMC, the MP is then required to disconnect the GF and inform EMC thereafter.

At the 56<sup>th</sup> RCP Meeting, the RCP tasked EMC to explore the possibility of removing the disconnection requirement from the current deregistration process. Following a discussion with PSO and SPPA, EMC proposed the following changes to the deregistration procedures:

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1. To remove the need for PSO to consult SPPA during technical assessment of a GF under deregistration, as disconnection by SPPA is no longer required.

2. To avoid misinterpretation of “removal from service” as disconnection, PSO proposes for these words to be replaced with “cancellation of registration”

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The RCP unanimously **recommends** that the EMC Board **adopt** the rule modification proposal as set out in Annex 2.

## **1. Introduction**

Currently, the transmission licensee (SP PowerAssets) is required to physically disconnect a generation facility (GF) from the transmission system before the Energy Market Company (EMC) can deregister that GF from the Singapore Wholesale Electricity Market (SWEM). However, this requirement is not feasible when the GF is not directly connected to the transmission system. This paper analyses and proposes an alternative disconnection procedure under such a situation.

## **2. Background**

### **2.1 Current Deregistration Procedures**

Chapter 2, Section 6.1.1 of the Market Rules requires a Market Participant (MP) that intends to deregister a GF from participation in the SWEM to notify the Energy Market Company (EMC), the Power System Operator (PSO) and SP PowerAssets (SPPA).

Upon the PSO's confirmation that either,

- a. no assessment on the impact of the GF's deregistration is required, or
- b. following assessment, that the deregistration of the GF has no impact on system security,

Chapter 2, Section 6.1.5 then requires the MP to notify the EMC of a date to deregister the GF.

If SPPA has not informed EMC that the MP has applied for a voluntary disconnection of the GF, Chapter 2, Section 6.1.6 provides for the EMC to then direct the SPPA to disconnect the GF.

Under Chapter 2, Section 6.1.7 of the Market Rules, the SPPA is then required to disconnect the generation GF and inform the EMC thereafter.

### **2.2. Limitations of Current Deregistration Procedures**

The SPPA is generally able to disconnect a GF from its transmission system except in a situation where the GF's cable connection point is not directly connected to the transmission system.

This stems from the definitions of "disconnect" and "transmission system" under Chapter 8, Sections 1.1.55 and 1.1.266 of the Market Rules as follows:

#### Chapter 8, Section 1.1.55

- 1.1.55 disconnect means to sever physical links to or with the transmission system for the purpose of preventing the flow of electricity at the boundary between the transmission system and a facility or other equipment

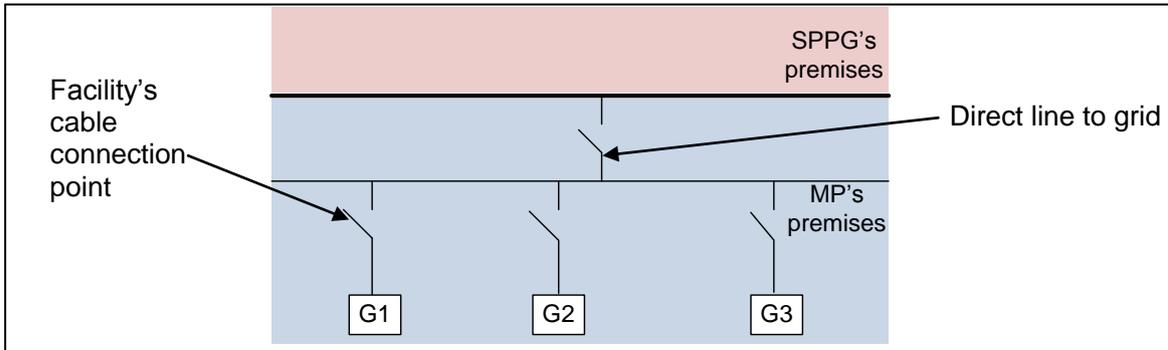
#### Chapter 8, Section 1.1.266

- 1.1.266 transmission system means the system of interconnected electric lines owned by a transmission licensee for the purpose of conveying electricity

Consequently, these definitions imply that the SPPA is only able to disconnect the portion of the line that directly links the GF to the transmission system that SPPA operates.

However, there are situations where a GF's cable connection resides within the MP's premises instead of being directly connected to the SPPA's transmission system. Figure 1 below shows an example of such a situation.

**Figure 1: Example of a circuit connection that lies within the MP's premises**



With reference to Figure 1, suppose that the MP has requested to deregister G1. Under such a scenario, SPPA is unable to disconnect the GF as it is not directly connected to the transmission system. It will also not be appropriate for SPPA to disconnect the direct line to the transmission system as that would disable G2 and G3 from conveying physical services into, through or out of the transmission system.

### 3. Proposed Refinements to Procedures

This section presents proposed refinements to the current procedures to account for the limitations discussed in section 2.2.

EMC proposes the introduction of the following procedures to deregister a GF that is indirectly connected to the transmission system.

- a. **Upon receipt of MP's request for deregistration, SPPA is required to verify whether it is able to disconnect the transmission line in order to disconnect the MP's GF without preventing other facilities from being able to convey physical services into, through or out of the transmission system.**

This procedure verifies that the direct transmission line has other facilities attached to it such that the SPPA cannot disconnect this line from the transmission system.

- b. **If SPPA verifies with the MP, PSO and EMC that it is unable to disconnect the transmission line in order to disconnect the MP's GF without preventing other facilities from being able to convey physical services into, through or out of the transmission system, the MP is then required to disconnect the GF.**

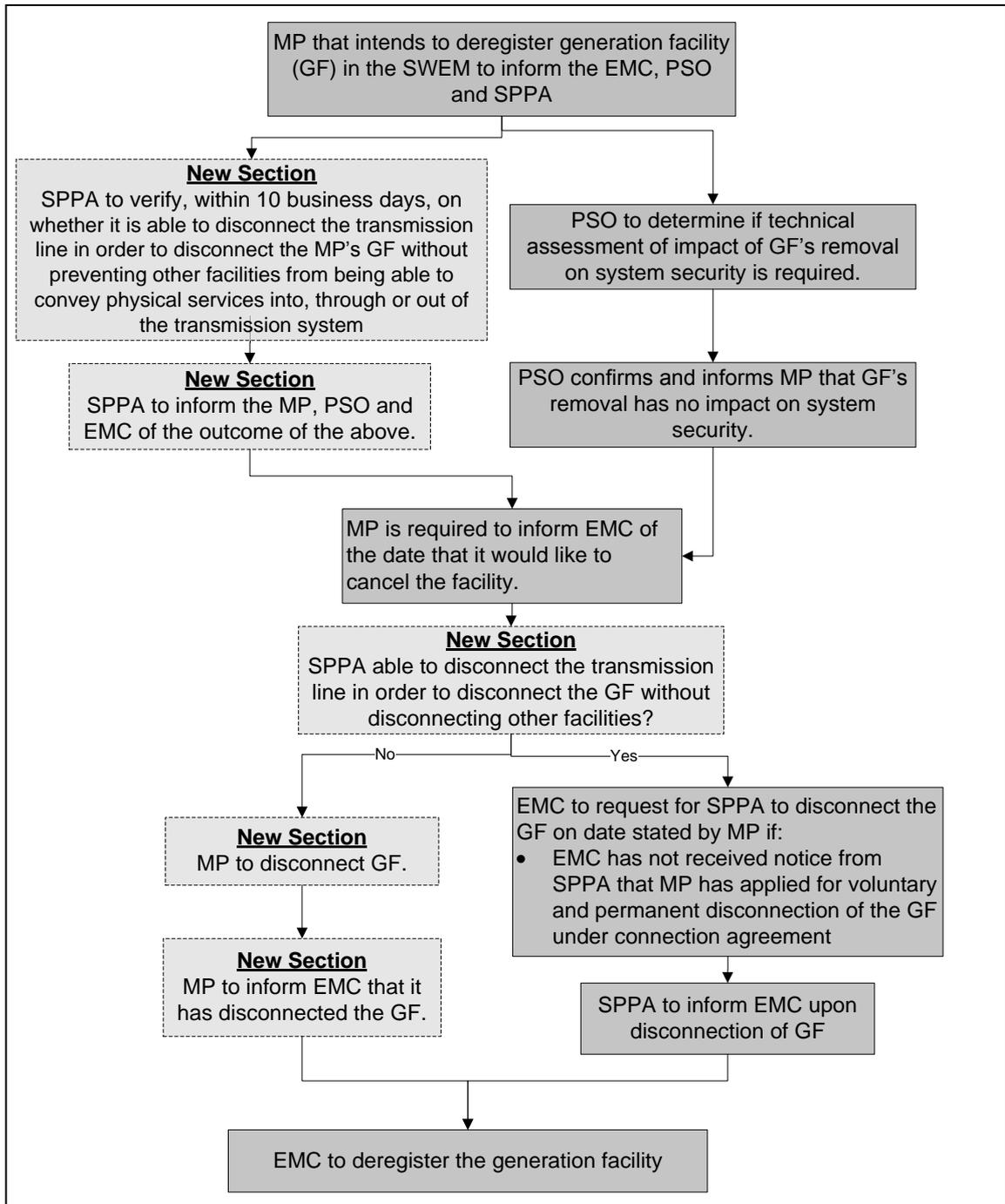
This process imposes an obligation on the MP, instead of the SPPA, to disconnect the GF such that it can no longer convey physical services into, through or out of the transmission system.

- c. **Following (b), the MP is required to inform the EMC that it has disconnected the GF from the transmission system**

This procedure ensures that EMC is notified of the GF's disconnection.

Figure 2 summarises the revised deregistration procedures under the proposed changes.

**Figure 2: Summary of deregistration procedures with proposed changes**



#### 4. Conclusion

The current disconnection procedures in the Market Rules do not provide for a situation when the SPPA is unable to disconnect a GF as the GF is not directly connected to the transmission system.

EMC proposes an alternate procedure under such a situation. Specifically, the SPPA has to confirm whether it is able to disconnect the GF without preventing other facilities from being able to convey physical services into, through or out of the transmission system. If SPPA is unable to do so, the MP is required to disconnect this GF and inform the EMC of this disconnection.

## 5. Industry Consultation of Concept Paper

We published the paper for industry comments on 31 May 2011 with comments received from SP PowerGrid.

### Comments from SP PowerGrid

We have no objection to EMC's proposal. For greater clarity, we would like to suggest the following amendments to the draft:

"SPPA to first verify whether it is able to **disconnect its transmission line in order to** disconnect the generation facility without preventing other facilities from being able to convey electricity into, through or out of the transmission system. Upon SPPA's verification that it is unable to do so will the MP then disconnect this facility from the grid"

### EMC's response

*EMC has updated the paper to reflect SP PowerGrid's proposed amendments. However, do note that the actual wordings in the Market Rules will only be drafted upon the RCP's decision to proceed with EMC's recommendations and are subject to legal review.*

## 6. Discussion at 56<sup>th</sup> RCP Meeting

The above proposal was presented at the 56<sup>th</sup> RCP Meeting. At that meeting, PSO commented that a GF may request to deregister the unit for a certain period of time, after which the MP may want to re-register the GF in the SWEM. Imposing the physical disconnection requirement may then result in the MP incurring potentially expensive disconnection and re-connection charges. As such, the RCP tasked EMC to consider expanding the proposal to remove this requirement from the current deregistration procedures.

## 7. Proposed Removal of Disconnection Requirement

Arising from the discussion held at the 56<sup>th</sup> RCP Meeting, EMC then requested for the PSO and SPPA to assess the security implications of removing the disconnection requirement as part of the current deregistration process. .

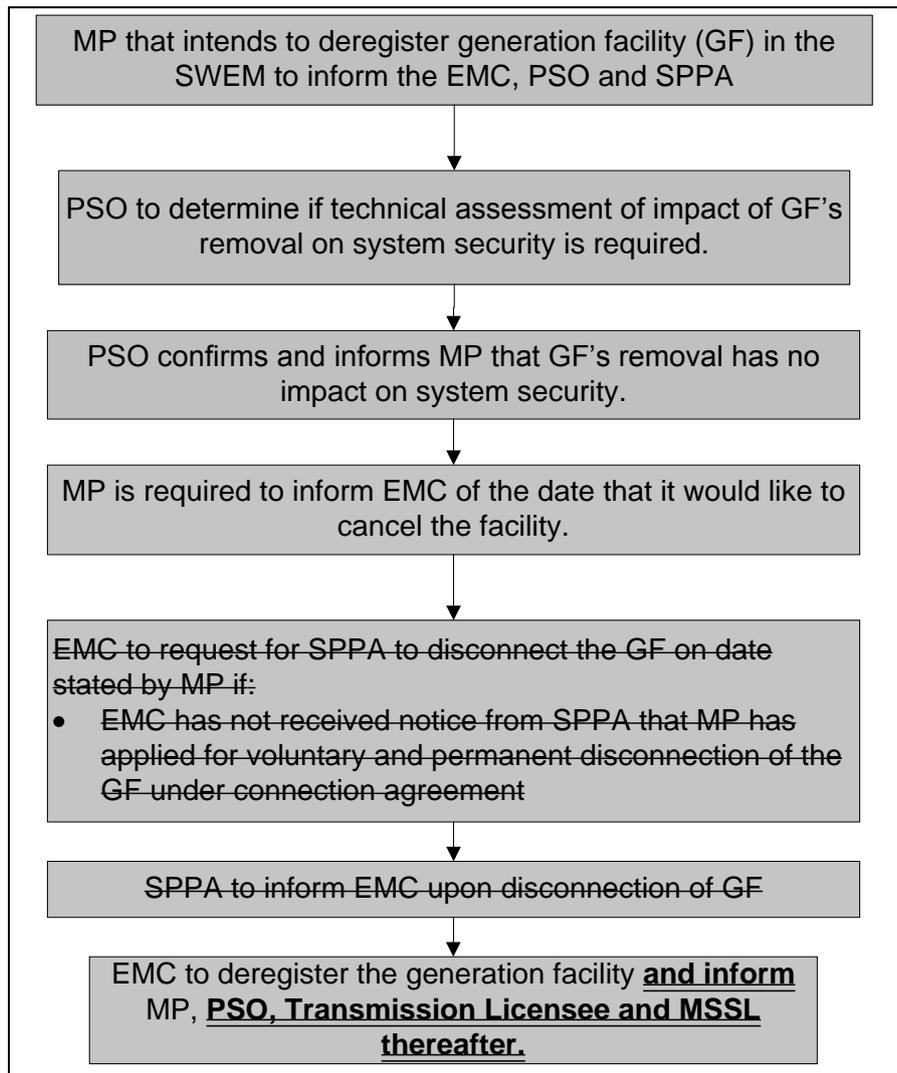
Following a meeting, SPPA and PSO agreed that the current connection agreement already covers a GF's physical disconnection from the grid. Under such a situation, the agreement states that a Generation Licensee may voluntarily disconnect the GF on a permanent basis if it gives prior notice to the Transmission Licensee. Therefore, it is not necessary to include the requirement to disconnect a GF from the transmission system as part of the deregistration process. Instead, the SPPA requested to be informed of any GF's deregistration from the SWEM.

EMC thus **proposes** the following changes to the current deregistration procedures:

1. Remove the current requirement for SPPA to disconnect the GF from the grid
2. Inform the PSO, SPPA and MSSSL upon the deregistration of a GF

These changes are reflected in Figure 3 below.

**Figure 3: Proposed changes to deregistration procedures**



At the 57<sup>th</sup> RCP, the RCP **supported** the above proposed amendments to the deregistration procedures and tasked the EMC to draft rules changes to give effect to this proposal.

The proposed rules modification required for the implementation of this proposal are set out in Annex 1.

## 8. Industry Consultation on Proposed Rules Modification

The proposed rule modifications in Annex 1 were published for industry comments on 27 September 2011. PSO suggested amendments to the proposed rules changes, as summarised in Table 2.

Table 2: PSO's Suggested Amendments to Proposed Rules Changes in Annex 1

No.	Relevant Section	Purpose of Section	PSO's Proposed Changes	Reason for Change
1	Chapter 2, Section 6.1.1	For MP to inform PSO, EMC and TL if it intends to deregister the GF to remove it from service on a permanent basis	To delete the references to "remove from service on a permanent basis"	There may be situations under which an MP may request to re-register a deregistered GF.
2	Chapter 2, Section 6.1.2	For PSO to determine, in consultation with SPPA, if a technical assessment of impact of removing GF is required	a. To delete reference to "consultation with SPPA"	No longer required with removal of disconnection requirement under deregistration
			b. To delete references to "removing from service" and replace with "cancelling the registration"	"removal from service" may be misinterpreted as "disconnection".
3	Chapter 2, Section 6.1.4	For PSO to notify the MP of outcome of assessment (if required). States references for MP to enter into a reliability must-run contract if removal of GF's service has an impact on reliability or system security	a. To delete references to "consultation with SPPA"	Same as 2(a)
			b. To delete references to "removing from service" and replace with "registration of that GF shall not be cancelled"	Same as 2(b)
4.	Chapter 2, Section 6.1.5	For MP to file deregistration date with EMC	To delete references to "remove from service" and replace with "cancelling the registration"	Same as 2(b)

EMC's Response

EMC agrees with PSO's proposed amendments..

**9. Summary of Proposed Rule Modification**

The proposed rule modifications required to implement the amendments to deregistration procedures, as supported by the RCP, are summarised in Table 3. The table also incorporates PSO's suggested amendments in section 8 above.

Table 3: Summary of Proposed Rule Modification

Sections	Amendment	Reasons for Change
Chapter 2, Section 4.1.1	To delete phrase "and, where applicable, disconnected from the transmission system".	To reflect removal of requirement for disconnection when a MP intends to cancel the GF's registration
Chapter 2, Section 6.1.1	To delete phrase " which is being removed from service on a permanent basis"	There may be situations under which an MP may request to re-register a deregistered GF.
Chapter 2, Section 6.1.2	a. To delete "consultation with SPPA"	No longer required with removal of disconnection requirement under deregistration
	b. To replace phrase, "removal from service" under definition of "technical assessment" with "cancellation of registration"	To ensure that "removal from service" will not be misinterpreted as "disconnection".
Chapter 2, Section 6.1.6	To delete section	To remove requirement for EMC issue an order for SPPA to disconnect a GF that is intended to be deregistered.
Chapter 2, Section 6.1.7	To delete section	To remove requirement for SPPA: <ul style="list-style-type: none"> <li>to disconnect a GF that is intended to be deregistered</li> <li>to inform the EMC and the PSO concerning such disconnection.</li> </ul>
Chapter 2, Section 6.1.8	To delete sections 6.1.8.2-6.1.8.4	To remove the provision: <ul style="list-style-type: none"> <li>GF's deregistration date shall either be date requested by the MP, or date when transmission licensee informs EMC that GF has been disconnected</li> </ul>
New section	New Section 6.1.7 (re-numbered)	To require the EMC to inform an MP, MSSL, the transmission licensee and the PSO of a GF's deregistration.
Chapter 8, Section 1.1.258	To replace phrase, "removal from service" under definition of "technical assessment" with "cancellation of registration"	To ensure that "removal from service" will not be misinterpreted as "disconnection".

The text of the proposed rule modifications are set out in **Annex 2**.

## 10. Legal Sign Off

The text of the rule modification has been vetted by EMC's external legal counsel, whose opinion is that the modification reflects the intent of the rule modification proposal as expressed in the third column of the Table in **Annex 2**.

**11. Recommendations**

The RCP unanimously recommends that the EMC Board:

- a. **adopt** the rule modification proposal as set out in **Annex 2**.
- b. **seek** EMA's approval of the rule modification proposal as set out in Annex 2; and
- c. **recommend** that the rule modification proposal come into force **one business day** after the date on which the approval of the Authority is published by the EMC.

Existing Market Rules (1 July 2011)	Proposed Rules Changes (Deletions represented by strikethrough text and additions represented by double-underlined text)	Reasons for Change
<b><u>CHAPTER 2</u></b>	<b><u>CHAPTER 2</u></b>	
<p><b>4 <u>WITHDRAWAL BY A MARKET PARTICIPANT OR MARKET SUPPORT SERVICES LICENSEE</u></b></p> <p>4.1.1 Provided that the <i>market participant</i> has requested that the <i>EMC</i> cancel or transfer the registration of any applicable <i>registered facilities</i> or <i>generation settlement facilities</i> pursuant to section 6, a <i>market participant</i> that wishes to cease being a <i>market participant</i> shall provide a written notice to the <i>EMC</i> to that effect. The notice shall specify the date of the <i>trading day</i> upon which the <i>market participant</i> intends to cease to participate in the <i>wholesale electricity markets</i> or to cause or permit any <i>physical service</i> to be conveyed into, through or out of the <i>transmission system</i>. The <i>trading day</i> specified shall not be earlier than the <i>trading day</i> on which:</p> <p>4.1.1.1 the registration of the last of the <i>market participant's</i> applicable <i>registered facilities</i> or <i>generation settlement facilities</i> is to be cancelled by the <i>EMC</i> and, where applicable, <i>disconnected</i> from the <i>transmission system</i>, determined in</p>	<p><b>4 <u>WITHDRAWAL BY A MARKET PARTICIPANT OR MARKET SUPPORT SERVICES LICENSEE</u></b></p> <p>4.1.1 Provided that the <i>market participant</i> has requested that the <i>EMC</i> cancel or transfer the registration of any applicable <i>registered facilities</i> or <i>generation settlement facilities</i> pursuant to section 6, a <i>market participant</i> that wishes to cease being a <i>market participant</i> shall provide a written notice to the <i>EMC</i> to that effect. The notice shall specify the date of the <i>trading day</i> upon which the <i>market participant</i> intends to cease to participate in the <i>wholesale electricity markets</i> or to cause or permit any <i>physical service</i> to be conveyed into, through or out of the <i>transmission system</i>. The <i>trading day</i> specified shall not be earlier than the <i>trading day</i> on which:</p> <p>4.1.1.1 the registration of the last of the <i>market participant's</i> applicable <i>registered facilities</i> or <i>generation settlement facilities</i> is to be cancelled by</p>	<p>To delete the phrase "and, where applicable, disconnected from the transmission system".</p>

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<p>4.1.1.2 accordance with section 6.1; or the registration of the last of the <i>market participant's</i> applicable <i>registered facilities</i> or <i>generation settlement facilities</i> is to be transferred by the <i>EMC</i>, determined in accordance with section 6.2.</p>	<p>4.1.1.2 the <i>EMC</i> and, where applicable, <del>disconnected from the transmission system</del>, determined in accordance with section 6.1; or the registration of the last of the <i>market participant's</i> applicable <i>registered facilities</i> or <i>generation settlement facilities</i> is to be transferred by the <i>EMC</i>, determined in accordance with section 6.2.</p>	
<p><b>6.1 <u>CANCELLATION OF REGISTRATION</u></b></p>	<p><b>6.1 <u>CANCELLATION OF REGISTRATION</u></b></p>	
<p>6.1.5. A <i>market participant</i> shall file with the <i>EMC</i> a notice stating the date that it wishes the <i>EMC</i> to cancel the registration of its <i>registered facility</i> if:</p> <p>6.1.5.1 the <i>PSO</i> notifies that <i>market participant</i> that a <i>technical assessment</i> of that <i>registered facility</i> is not required under section 6.1.2; or</p>	<p>No Change. For reference.</p>	

Existing Market Rules (1 July 2011)	Proposed Rules Changes (Deletions represented by strikethrough text and additions represented by double-underlined text)	Reasons for Change
<p>6.1.5.2 the PSO conducts a technical assessment and notifies that market participant under section 6.1.4.1 that removing that relevant registered facility from service will not, or is not likely to, have an unacceptable impact on the reliability or security of the PSO controlled system.</p> <p>The date stated shall be at least five <i>business days</i> after the date of the <i>market participant's</i> receipt of the notice described in section 6.1.5.1 or 6.1.5.2.</p>		
<p>6.1.6. If:</p> <p>6.1.6.1 a <i>market participant</i> files a notice under section 6.1.5 for a <i>registered facility</i> that is a <i>generation facility</i>; and</p> <p>6.1.6.2 the EMC has not received from the transmission licensee a notice that the market participant has applied for the voluntary and permanent disconnection of the relevant registered facility under the connection agreement (which applies to that registered facility),</p> <p>the EMC shall issue a <i>disconnection order</i> to</p>	<p><del>6.1.6 If:</del></p> <p><del>6.1.6.1 a <i>market participant</i> files a notice under section 6.1.5 for a <i>registered facility</i> that is a <i>generation facility</i>; and</del></p> <p><del>6.1.6.2 the EMC has not received from the <i>transmission licensee</i> a notice that the <i>market participant</i> has applied for the voluntary and permanent <i>disconnection</i> of the relevant <i>registered facility</i> under the <i>connection agreement</i> (which applies to that <i>registered</i></del></p>	<p>To remove the requirement for the EMC to issue a disconnection order to the transmission licensee to direct it to disconnect a registered facility that is intended to be deregistered, and to remove the requirement for the EMC to notify the market participant of such order.</p>

Existing Market Rules (1 July 2011)	Proposed Rules Changes (Deletions represented by strikethrough text and additions represented by double-underlined text)	Reasons for Change
<p>the <i>transmission licensee</i> to direct it to <i>disconnect</i> the <i>registered facility</i> on the date stated in the notice filed by the <i>market participant</i> under section 6.1.5. The <i>EMC</i> shall notify the <i>market participant</i> of the issue of such order.</p>	<p><i>facility</i>);  <del>the EMC shall issue a disconnection order to the transmission licensee to direct it to disconnect the registered facility on the date stated in the notice filed by the market participant under section 6.1.5. The EMC shall notify the market participant of the issue of such order.</del></p>	
<p>6.1.7. A transmission licensee that receives a disconnection order under section 6.1.6 shall disconnect the relevant registered facility on the date stated in the disconnection order, subject only to section 3.5.1.5 of Chapter 5 and to the completion of any operating and decommissioning procedures contemplated in the connection agreement applicable to the registered facility. The transmission licensee shall promptly inform the EMC and the PSO once that registered facility has been disconnected from the transmission system.</p>	<p><del>6.1.7. A transmission licensee that receives a disconnection order under section 6.1.6 shall disconnect the relevant registered facility on the date stated in the disconnection order, subject only to section 3.5.1.5 of Chapter 5 and to the completion of any operating and decommissioning procedures contemplated in the connection agreement applicable to the registered facility. The transmission licensee shall promptly inform the EMC and the PSO once that registered facility has been disconnected from the transmission system.</del></p>	<p>To remove the requirement for the transmission licensee, arising from a disconnection order, to disconnect a registered facility that is intended to be deregistered, and to remove the requirement for the transmission licensee to inform the EMC and the PSO concerning such disconnection.</p>
<p>6.1.8. The EMC shall cancel the registration of a market participant’s registered facility if:</p> <p>6.1.8.1 that market participant files a notice in respect of that registered facility with</p>	<p>6.1.<u>86</u> The EMC shall cancel the registration of a <i>market participant’s registered facility</i> if:</p> <p><del>6.1.8.1</del> that <i>market participant</i> files a</p>	<p>Re-numbering. To remove one of the conditions required before the EMC is required to cancel the</p>

Existing Market Rules (1 July 2011)	Proposed Rules Changes (Deletions represented by strikethrough text and additions represented by double-underlined text)	Reasons for Change
<p>the EMC under section 6.1.5; and</p> <p>6.1.8.2 if the relevant registered facility is a generation facility, the transmission licensee has informed the EMC that the registered facility has been disconnected from the transmission system.</p> <p>The date of such cancellation shall be:</p> <p>6.1.8.3 where the relevant registered facility is not a generation facility, the date requested by the market participant; or</p> <p>6.1.8.4 where the relevant registered facility is a generation facility, the date requested by the market participant or the date that the transmission licensee informs the EMC that the registered facility has been disconnected from the transmission system, whichever is later.</p> <p>The EMC shall notify the <i>market participant</i> of the cancellation of registration of its <i>registered facility</i>.</p>	<p>notice in respect of that <i>registered facility</i> with the EMC <del>under</del> <u>in accordance with section 6.1.5. The date of such cancellation shall be the date stated in such notice.;</u> <del>and</del></p> <p>6.1.8.2 <del>if the relevant registered facility is a generation facility, the transmission licensee has informed the EMC that the registered facility has been disconnected from the transmission system.</del></p> <p><del>The date of such cancellation shall be:</del></p> <p>6.1.8.3 <del>where the relevant registered facility is not a generation facility, the date requested by the market participant; or</del></p> <p>6.1.8.4 <del>where the relevant registered facility is a generation facility, the date requested by the market participant or the date that the transmission licensee informs the EMC that the registered facility has been disconnected from the transmission system, whichever</del></p>	<p>registration of a registered facility, i.e. the condition in the existing section 6.1.8.2 that (if the relevant registered facility is a generation facility) the transmission licensee has informed EMC that the facility has been disconnected from the transmission system.</p> <p>To delete the existing sections 6.1.8.3 and 6.1.8.4 and to provide that the date of cancellation of the registration of the registered facility shall be the date stated by the market participant in its notice filed with the EMC in accordance with section 6.1.5.</p> <p>To remove the requirement for the EMC to notify the market participant of the cancellation of the registration of its registered</p>

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	<p style="text-align: center;"><del>is later.</del></p> <p style="text-align: center;"><del>The EMC shall notify the market participant of the cancellation of registration of its registered facility.</del></p>	<p>facility.</p>
<p>[New section]</p>	<p><u>6.1.7 The EMC shall notify a market participant, the market support services licensee, the transmission licensee and the PSO of the cancellation of registration of the market participant's registered facility.</u></p>	<p>To introduce a new rule requiring the EMC to inform a market participant, the market support services licensee, the transmission licensee and the PSO of the cancellation of registration of that market participant's registered facility.</p>

Existing Market Rules	Proposed Changes (Deletions represented by strikethrough text and additions represented by double-underlined text)	Reasons for Change
<b><u>CHAPTER 2</u></b>	<b><u>CHAPTER 2</u></b>	
<p><b>4 <u>WITHDRAWAL BY A MARKET PARTICIPANT OR MARKET SUPPORT SERVICES LICENSEE</u></b></p> <p>4.1.1 Provided that the <i>market participant</i> has requested that the <i>EMC</i> cancel or transfer the registration of any applicable <i>registered facilities</i> or <i>generation settlement facilities</i> pursuant to section 6, a <i>market participant</i> that wishes to cease being a <i>market participant</i> shall provide a written notice to the <i>EMC</i> to that effect. The notice shall specify the date of the <i>trading day</i> upon which the <i>market participant</i> intends to cease to participate in the <i>wholesale electricity markets</i> or to cause or permit any <i>physical service</i> to be conveyed into, through or out of the <i>transmission system</i>. The <i>trading day</i> specified shall not be earlier than the <i>trading day</i> on which:</p> <p>4.1.1.1 the registration of the last of the <i>market participant's</i> applicable <i>registered facilities</i> or <i>generation settlement facilities</i> is to be cancelled by the <i>EMC</i> and, where applicable, <i>disconnected</i> from the <i>transmission system</i>, determined in accordance with section 6.1; or</p>	<p><b>4 <u>WITHDRAWAL BY A MARKET PARTICIPANT OR MARKET SUPPORT SERVICES LICENSEE</u></b></p> <p>4.1.1 Provided that the <i>market participant</i> has requested that the <i>EMC</i> cancel or transfer the registration of any applicable <i>registered facilities</i> or <i>generation settlement facilities</i> pursuant to section 6, a <i>market participant</i> that wishes to cease being a <i>market participant</i> shall provide a written notice to the <i>EMC</i> to that effect. The notice shall specify the date of the <i>trading day</i> upon which the <i>market participant</i> intends to cease to participate in the <i>wholesale electricity markets</i> or to cause or permit any <i>physical service</i> to be conveyed into, through or out of the <i>transmission system</i>. The <i>trading day</i> specified shall not be earlier than the <i>trading day</i> on which:</p> <p>4.1.1.1 the registration of the last of the <i>market participant's</i> applicable <i>registered facilities</i> or <i>generation settlement facilities</i> is to be cancelled by the <i>EMC</i> <del>and, where applicable, disconnected from the transmission system</del>, determined in accordance with section 6.1; or</p>	<p>To delete the phrase "and, where applicable, disconnected from the transmission system" from 4.1.1.1.</p>

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<p>4.1.1.2 the registration of the last of the <i>market participant's</i> applicable <i>registered facilities</i> or <i>generation settlement facilities</i> is to be transferred by the <i>EMC</i>, determined in accordance with section 6.2.</p>	<p>4.1.1.2 the registration of the last of the <i>market participant's</i> applicable <i>registered facilities</i> or <i>generation settlement facilities</i> is to be transferred by the <i>EMC</i>, determined in accordance with section 6.2.</p>	
<p><b>6.1 <u>CANCELLATION OF REGISTRATION</u></b></p>	<p><b>6.1 <u>CANCELLATION OF REGISTRATION</u></b></p>	
<p>6.1.1 If a <i>market participant</i> wishes to cancel the registration of a <i>registered facility</i> which is being removed from service on a permanent basis, it shall:</p> <p>6.1.1.1 file with the <i>EMC</i> a request to cancel the registration of the facility in the form specified in the applicable <i>market manual</i>; and</p> <p>6.1.1.2 at the same time provide a copy of the request to each of the <i>transmission licensee</i> and the <i>PSO</i>.</p>	<p>6.1.1 If a <i>market participant</i> wishes to cancel the registration of a <i>registered facility</i> <del>which is being removed from service on a permanent basis</del>, it shall:</p> <p>6.1.1.1 file with the <i>EMC</i> a request to cancel the registration of the facility in the form specified in the applicable <i>market manual</i>; and</p> <p>6.1.1.2 at the same time provide a copy of the request to each of the <i>transmission licensee</i> and the <i>PSO</i>.</p>	<p><u>PSO's Proposed Changes</u></p> <p>To delete the phrase “which is being removed from service on a permanent basis” from 6.1.1 as there may be situations under which a market participant may request to re-register a deregistered facility.</p>

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<p>6.1.2 The <i>PSO</i> shall determine, in consultation with the <i>transmission licensee</i>, if a technical assessment of the impact of removal from service of a <i>registered facility</i> on the <i>reliability</i> or <i>security</i> of the <i>PSO controlled system</i> is required. Such determination shall be made within ten <i>business days</i> of the <i>PSO</i>'s receipt of a request to cancel the registration of the <i>registered facility</i>. The <i>PSO</i> shall notify the relevant <i>market participant</i> of its determination.</p>	<p>6.1.2 The <i>PSO</i> shall determine, <del>in consultation with the <i>transmission licensee</i>,</del> if a technical assessment of the impact of <del>removal from service</del> <u>the cancellation of the registration</u> of a <i>registered facility</i> on the <i>reliability</i> or <i>security</i> of the <i>PSO controlled system</i> is required. Such determination shall be made within ten <i>business days</i> of the <i>PSO</i>'s receipt of a request to cancel the registration of the <i>registered facility</i>. The <i>PSO</i> shall notify the relevant <i>market participant</i> of its determination.</p>	<p><u>PSO's Proposed Changes</u> To delete the phrase "in consultation with the transmission licensee" as such consultation with the transmission licensee (i.e. on whether a technical assessment on the impact of removal from service is required) is no longer necessary following the removal of the requirement for the transmission licensee to disconnect the registered facility from the transmission system.</p> <p>To delete the phrase "removal from service" and to replace it with the phrase "the cancellation of the registration".</p>
<p>6.1.4 The <i>PSO</i> shall consult with the <i>transmission licensee</i> on the impact of removing a <i>market participant's registered facility</i> from service when conducting a <i>technical assessment</i> of that <i>registered facility</i>. If the <i>PSO</i> conducts a <i>technical assessment</i> of a <i>market participant's registered facility</i> and concludes that removing that <i>registered facility</i> from</p>	<p>6.1.4 <del>The <i>PSO</i> shall consult with the <i>transmission licensee</i> on the impact of removing a <i>market participant's registered facility</i> from service when conducting a <i>technical assessment</i> of that <i>registered facility</i>.</del> If the <i>PSO</i> conducts a <i>technical assessment</i> of a <i>market participant's registered facility</i> and concludes that <del>removing</del> <u>the cancellation of the registration of</u> that <i>registered facility</i></p>	<p><u>PSO's Proposed Changes</u> To delete the requirement for the <i>PSO</i> to consult with the transmission licensee on the impact of removing a market participant's registered facility from service when conducting a technical assessment of that registered facility, since the</p>

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<p>service:</p> <p>will not, or is unlikely to, have an unacceptable impact on the <i>reliability</i> or <i>security</i> of the <i>PSO controlled system</i>, it shall notify the <i>market participant</i> of this conclusion; or</p> <p>will, or is likely to, have an unacceptable impact on the <i>reliability</i> or <i>security</i> of the <i>PSO controlled system</i>, the <i>PSO</i> and the <i>market participant</i> shall begin the process described in section 8.5 of Chapter 5 with a view to concluding a <i>reliability must-run service</i> contract for that <i>registered facility</i>. The <i>registered facility</i> shall not be removed from service during this process.</p>	<p><del>from service:</del></p> <p>6.1.4.1 will not, or is unlikely to, have an unacceptable impact on the <i>reliability</i> or <i>security</i> of the <i>PSO controlled system</i>, it shall notify the <i>market participant</i> of this conclusion; or</p> <p>6.1.4.2 will, or is likely to, have an unacceptable impact on the <i>reliability</i> or <i>security</i> of the <i>PSO controlled system</i>, the <i>PSO</i> and the <i>market participant</i> shall begin the process described in section 8.5 of Chapter 5 with a view to concluding a <i>reliability must-run service</i> contract for that <i>registered facility</i>. The <u>registration of that registered facility</u> shall not be <del>removed from service</del> <u>cancelled</u> during this process.</p>	<p>requirement for the transmission licensee to disconnect the registered facility from the transmission system is removed.</p> <p>To delete the words “removing” and “from service” from 6.1.4 and to insert the phrase “the cancellation of the registration of” before the words “that registered facility” at the end of 6.1.4.</p> <p>To delete the words “removed from service” from 6.1.4.2 and to insert the words “registration of that” before the words “registered facility” in the last sentence of 6.1.4.2 and insert the word “cancelled” before the words “during this process” at the end of 6.1.4.2.</p>
<p>6.1.5 A <i>market participant</i> shall file with the <i>EMC</i> a notice stating the date that it wishes the <i>EMC</i> to cancel the registration of its <i>registered facility</i> if:</p> <p>6.1.5.1 the <i>PSO</i> notifies that <i>market</i></p>	<p>6.1.5 A <i>market participant</i> shall file with the <i>EMC</i> a notice stating the date that it wishes the <i>EMC</i> to cancel the registration of its <i>registered facility</i> if:</p> <p>6.1.5.1 the <i>PSO</i> notifies that <i>market</i></p>	<p><u>PSO’s Proposed Changes</u></p> <p>To delete the words “removing” and “from service” from 6.1.5.2 and to insert the phrase “the cancellation of the registration of”</p>

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<p><i>participant that a technical assessment of that registered facility is not required under section 6.1.2; or</i></p> <p>6.1.5.2 the <i>PSO</i> conducts a <i>technical assessment</i> and notifies that <i>market participant</i> under section 6.1.4.1 that removing that relevant <i>registered facility</i> from service will not, or is not likely to, have an unacceptable impact on the <i>reliability</i> or <i>security</i> of the <i>PSO controlled system</i>.</p> <p>The date stated shall be at least five <i>business days</i> after the date of the <i>market participant's</i> receipt of the notice described in section 6.1.5.1 or 6.1.5.2.</p>	<p><i>participant that a technical assessment of that registered facility is not required under section 6.1.2; or</i></p> <p>6.1.5.2 the <i>PSO</i> conducts a <i>technical assessment</i> and notifies that <i>market participant</i> under section 6.1.4.1 that <del>removing the cancellation of the registration of</del> that relevant <i>registered facility</i> <del>from service</del> will not, or is not likely to, have an unacceptable impact on the <i>reliability</i> or <i>security</i> of the <i>PSO controlled system</i>.</p> <p>The date stated shall be at least five <i>business days</i> after the date of the <i>market participant's</i> receipt of the notice described in section 6.1.5.1 or 6.1.5.2.</p>	<p>before the words “that relevant registered facility” in 6.1.5.2.</p>
<p>6.1.6 If:</p> <p>6.1.6.1 a <i>market participant</i> files a notice under section 6.1.5 for a <i>registered facility</i> that is a <i>generation facility</i>; and</p> <p>6.1.6.2 the <i>EMC</i> has not received from the <i>transmission licensee</i> a notice that the <i>market</i></p>	<p><del>6.1.6 If:</del></p> <p><del>6.1.6.1 a <i>market participant</i> files a notice under section 6.1.5 for a <i>registered facility</i> that is a <i>generation facility</i>; and</del></p> <p><del>6.1.6.2 the <i>EMC</i> has not received from the <i>transmission licensee</i> a notice</del></p>	<p>To remove the requirement for the EMC to issue a disconnection order to the transmission licensee to direct it to disconnect a registered facility that is intended to be deregistered, and to remove the requirement for the EMC to notify the market participant of such order.</p>

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<p><i>participant</i> has applied for the voluntary and permanent <i>disconnection</i> of the relevant <i>registered facility</i> under the <i>connection agreement</i> (which applies to that <i>registered facility</i>),</p> <p>the <i>EMC</i> shall issue a <i>disconnection order</i> to the <i>transmission licensee</i> to direct it to <i>disconnect</i> the <i>registered facility</i> on the date stated in the notice filed by the <i>market participant</i> under section 6.1.5. The <i>EMC</i> shall notify the <i>market participant</i> of the issue of such order.</p>	<p>that the <del><i>market participant</i></del> has applied for the <del>voluntary and permanent <i>disconnection</i></del> of the relevant <del><i>registered facility</i></del> under the <del><i>connection agreement</i></del> (which applies to that <del><i>registered facility</i></del>);</p> <p>the <i>EMC</i> shall issue a <i>disconnection order</i> to the <i>transmission licensee</i> to direct it to <i>disconnect</i> the <i>registered facility</i> on the date stated in the notice filed by the <i>market participant</i> under section 6.1.5. The <i>EMC</i> shall notify the <i>market participant</i> of the issue of such order.</p>	
<p>6.1.7 A <i>transmission licensee</i> that receives a <i>disconnection order</i> under section 6.1.6 shall <i>disconnect</i> the relevant <i>registered facility</i> on the date stated in the <i>disconnection order</i>, subject only to section 3.5.1.5 of Chapter 5 and to the completion of any operating and decommissioning procedures contemplated in the <i>connection agreement</i> applicable to the <i>registered facility</i>. The <i>transmission licensee</i> shall promptly inform the <i>EMC</i> and the <i>PSO</i> once that <i>registered facility</i> has been <i>disconnected</i> from the <i>transmission system</i>.</p>	<p><del>6.1.7</del> A <del><i>transmission licensee</i></del> that receives a <del><i>disconnection order</i></del> under section 6.1.6 shall <del><i>disconnect</i></del> the relevant <del><i>registered facility</i></del> on the date stated in the <del><i>disconnection order</i></del>, subject only to section 3.5.1.5 of Chapter 5 and to the completion of any operating and decommissioning procedures contemplated in the <del><i>connection agreement</i></del> applicable to the <del><i>registered facility</i></del>. The <del><i>transmission licensee</i></del> shall promptly inform the <del><i>EMC</i></del> and the <del><i>PSO</i></del> once that <del><i>registered facility</i></del> has been <del><i>disconnected</i></del> from the <del><i>transmission system</i></del>.</p>	<p>To remove the requirement for the transmission licensee, arising from a disconnection order, to disconnect a registered facility that is intended to be deregistered, and to remove the requirement for the transmission licensee to inform the EMC and the PSO concerning such disconnection.</p>

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<p>6.1.8 The <i>EMC</i> shall cancel the registration of a <i>market participant's registered facility</i> if:</p> <p>6.1.8.1 that <i>market participant</i> files a notice in respect of that <i>registered facility</i> with the <i>EMC</i> under section 6.1.5; and</p> <p>6.1.8.2 if the relevant <i>registered facility</i> is a <i>generation facility</i>, the <i>transmission licensee</i> has informed the <i>EMC</i> that the <i>registered facility</i> has been <i>disconnected</i> from the <i>transmission system</i>.</p> <p>The date of such cancellation shall be:</p> <p>6.1.8.3 where the relevant <i>registered facility</i> is not a <i>generation facility</i>, the date requested by the <i>market participant</i>; or</p> <p>6.1.8.4 where the relevant <i>registered facility</i> is a <i>generation facility</i>, the date requested by the <i>market participant</i> or the date that the <i>transmission licensee</i> informs the <i>EMC</i> that the <i>registered facility</i> has been <i>disconnected</i> from the <i>transmission system</i>, whichever is</p>	<p>6.1.8<del>6</del> The <i>EMC</i> shall cancel the registration of a <i>market participant's registered facility</i> if:</p> <p><del>6.1.8.1</del> that <i>market participant</i> files a notice in respect of that <i>registered facility</i> with the <i>EMC</i> <del>under</del> <u>in accordance with</u> section 6.1.5. <u>The date of such cancellation shall be the date stated in such notice.;</u> <del>and</del></p> <p><del>6.1.8.2</del> if the relevant <i>registered facility</i> is a <i>generation facility</i>, the <i>transmission licensee</i> has <del>informed the <i>EMC</i> that the <i>registered facility</i> has been <i>disconnected</i> from the <i>transmission system</i>.</del></p> <p><del>The date of such cancellation shall be:</del></p> <p><del>6.1.8.3</del> where the relevant <i>registered facility</i> is not a <i>generation facility</i>, the date requested by the <i>market participant</i>; <del>or</del></p> <p><del>6.1.8.4</del> where the relevant <i>registered facility</i> is a <i>generation facility</i>, the date requested by the <i>market participant</i> or the date that the <i>transmission licensee</i> informs the <i>EMC</i> that the <i>registered facility</i></p>	<p>Re-numbering. To remove one of the conditions required before the EMC is required to cancel the registration of a registered facility, i.e. the condition in the existing section 6.1.8.2 that (if the relevant registered facility is a generation facility) the transmission licensee has informed EMC that the facility has been disconnected from the transmission system.</p> <p>To delete the existing sections 6.1.8.3 and 6.1.8.4 and to provide that the date of cancellation of the registration of the registered facility shall be the date stated by the market participant in its notice filed with the EMC in accordance with section 6.1.5.</p> <p>To remove the requirement for the EMC to notify the market participant of the cancellation of the registration of its registered facility.</p>

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<p>later.</p> <p>The <i>EMC</i> shall notify the <i>market participant</i> of the cancellation of registration of its <i>registered facility</i>.</p>	<p><del>has been disconnected from the transmission system, whichever is later.</del></p> <p>The <i>EMC</i> shall notify the <i>market participant</i> of the cancellation of registration of its <i>registered facility</i>.</p>	
<p>[New section]</p>	<p>6.1.7 <u>The <i>EMC</i> shall notify a <i>market participant</i>, the <i>market support services licensee</i>, the <i>transmission licensee</i> and the <i>PSO</i> of the cancellation of registration of the <i>market participant’s registered facility</i>.</u></p>	<p>To introduce a new rule requiring the <i>EMC</i> to inform a market participant, the market support services licensee, the transmission licensee and the <i>PSO</i> of the cancellation of registration of that market participant’s registered facility.</p>
<p style="text-align: center;"><b><u>CHAPTER 8</u></b></p>	<p style="text-align: center;"><b><u>CHAPTER 8</u></b></p>	
<p><b>1. <u>DEFINITIONS</u></b></p> <p>1.1.258 <i>technical assessment</i>, in respect of the removal from service of a <i>registered facility</i>, means a technical assessment of the impact of removing the <i>registered facility</i> from service on the <i>reliability</i> or <i>security</i> of the <i>PSO controlled system</i> referred to in section 6.1.2 of Chapter 2;</p>	<p><b>1. <u>DEFINITIONS</u></b></p> <p>1.1.258 <i>technical assessment</i>, in respect of the <del>removal from service</del> <u>cancellation of registration</u> of a <i>registered facility</i>, means a technical assessment of the impact of <del>removing the cancellation of the registration of the registered facility from</del> <u>service</u> on the <i>reliability</i> or <i>security</i> of the <i>PSO controlled system</i> referred to in section 6.1.2 of Chapter 2;</p>	<p><u>PSO’s Proposed Changes</u></p> <p>To delete the phrase “removal from service” from the definition of “technical assessment” and to insert in its place the phrase “cancellation of registration”.</p> <p>To delete the words “removing” and “from service” from the definition of “technical</p>

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		assessment” and to insert the phrase “the cancellation of the registration of” before the words “the registered facility”.