

Feedback on Proposed Modifications to the Metering Code

<u>Modification Ref. No.</u>	<u>Section<sup>1</sup></u>	<u>Industry's Feedback</u>	<u>EMA's Assessment</u>
MC/2005/1	1.4	<p><b>SP PowerGrid:</b> The inclusion of prepaid meter in this clause is not appropriate as no reading is taken for settlement purposes.</p>	One of the functions of the prepaid meter is to measure the energy used so that the consumer can be charged accordingly. The proposed modification is hence not inappropriate.
MC/2005/6	2.7.2	<p><b>SP PowerGrid:</b> Proposed further amendment as below: The <b>applicable</b> market support services licensee shall provide the following information for each prepaid meter installation <b>that it installed</b> to the relevant MESP: (a) <b><u>Cross referencing of the location of the meter installation to a unique identifier (assigned by the MESP to the meter);</u></b> (b) The date of installation of the meter installation; (c) Initial meter register reading <i>Comments: Unlike normal meters, the procedure for pre-paid meter installation is more complex and is currently performed by the MSSL.</i></p>	Accepted. The clause will be further amended accordingly.

<sup>1</sup> Reference to the section of the code (January 2004 version).

## Energy Market Authority of Singapore

<u>Modification Ref. No.</u>	<u>Section<sup>1</sup></u>	<u>Industry's Feedback</u>	<u>EMA's Assessment</u>
		<p><b>SP Services:</b> Please include the word “ applicable” in front of market support services licensee for consistency with 4.2.7. Proposed further amendment on (a) for clarity. The market support services licensee shall provide the following information for each prepaid meter installation to the relevant MESP:</p> <p>(a) <b><u>cross referencing of the location of the meter installation to a unique identifier (assigned by the MESP to the meter);</u></b> (b) The date of installation of the meter installation; (c) Initial meter register reading</p>	Accepted. The clause will be further amended accordingly.
MC/2005/9	4.2.7	<p><b>SP Services:</b> To replace “premises” with “meter installation”. For prepaid meters, in the event that the applicable market support services licensee detect there has not been any top-up and suspect of unauthorized usage, the applicable market support services licensee shall inspect <b><u>the meter installation.</u></b></p>	Accepted. The clause will be further amended accordingly.

## Energy Market Authority of Singapore

<u>Modification Ref. No.</u>	<u>Section<sup>1</sup></u>	<u>Industry's Feedback</u>	<u>EMA's Assessment</u>
MC/2005/12	Appendix A	<p><b>SP PowerGrid:</b></p> <p>To amend the new standard description to as follows:</p> <p>BS EN 62052-11 Electricity metering equipment (AC). General requirements, tests and test conditions. Metering equipment</p> <p>BS EN 62053-11 Electricity metering equipment (a.c.), Particular requirements. Electromechanical meters for active energy (classes 0.5, 1 and 2)</p> <p>BS EN 62053-21 Electricity metering equipment (a.c.), Particular requirements. Static meters for active energy (classes 1 and 2)</p> <p>BS EN 62053-22 Electricity metering equipment (a.c.), Particular requirements. Static meters for active energy (classes 0.2S and 0.5S)</p> <p>BS EN 62053-23 Electricity metering equipment (a.c.), Particular requirements. Static meters for reactive energy (classes 2 and 3)</p> <p>To amend the new standard description to as follows:</p> <p>IEC 62053-11 Electricity metering equipment (a.c.) – Particular requirements – Part 11: Electromechanical meters for active energy (classes 0.5, 1 and 2)</p>	Accepted. The standard description will be amended accordingly.

## Energy Market Authority of Singapore

<u>Modification Ref. No.</u>	<u>Section<sup>1</sup></u>	<u>Industry's Feedback</u>	<u>EMA's Assessment</u>
		<p>IEC 62053-21 Electricity metering equipment (a.c.) – Particular requirement – Part 21: Static meters for active energy (classes 1 and 2)</p> <p>IEC 62053-22 Electricity metering equipment (a.c.) – Particular requirements – Part 22: Static meters for active energy (classes 0.2S and 0.5S)</p> <p>IEC 62053-23 Electricity metering equipment (a.c.) – Particular requirements – Part 23: Static meters for reactive energy (classes 2 and 3)</p>	
		<p><b>SPRING Singapore:</b> Would like to highlight that SS 318 referred to in Appendix A has been withdrawn in 2004. We suggest that users refer to the IEC 60044-1 : 2003 instead.</p>	Accepted. The appendix will be further amended accordingly.
MC/2005/13	1.4	<p><b>SP PowerGrid:</b> To include the definition of Market Support Service Licensee (MSSL) since it is to be mentioned in the Metering Code.</p>	Accepted. The definition of Market Support Service Licensee (MSSL) will be included in the Metering Code.
MC/2005/14	2.3.3(e)	<p><b>SP PowerGrid:</b> Proposed addition: <b><u>Following the installation of a prepaid meter, the applicable market support services licensee shall provide the MESP with the relevant meter information delineated in Section 2.7.2<sup>2</sup> of this Code within two business day from the said installation.</u></b> <i>Comments: Unlike normal meters, the procedure for pre-paid meter installation is more complex and is currently performed by the MSSL.</i></p>	Accepted. The proposed clause will be included in this section.

<sup>2</sup> This refers to the new Section 2.7.2 as detailed in the approved modifications to the Metering Code.

## Energy Market Authority of Singapore

<u>Modification Ref. No.</u>	<u>Section<sup>1</sup></u>	<u>Industry's Feedback</u>	<u>EMA's Assessment</u>
MC/2005/15	2.5.3	<p><b>SP PowerGrid:</b> Proposed addition: <b><u>Upon the request by the applicable market support services licensee, the MESP may arrange to provide a prepaid meter provided the market support services licensee agrees to pay for the full current and future incremental cost as compared to a standard meter installation.</u></b></p> <p><i>Comments: The prepaid meter has additional capabilities above that of a normal meter. It is relatively more expensive and is proprietary to the MSSL prepayment billing system.</i></p>	Accepted. The proposed clause will be included in this section.