



DECISION PAPER

PROPOSED MODIFICATIONS TO GAS METERING CODE

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ENERGY MARKET AUTHORITY
991G Alexandra Road #02-29
Singapore 119975
www.ema.gov.sg

Please direct any enquiries by e-mail to: ema_grb@ema.gov.sg

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1 Introduction

- 1.1 The Gas Metering Code (Code) sets out the obligations of Gas Shippers, the Designated Gas Transporter and Gas Retailers in respect of provision of gas meters and management of Meter Data.
- 1.2 The Code also addresses matters regarding the production, storage, collection, transmission and verification of Meter Data from all Meter Installations.

2 Proposed Modifications

- 2.1 EMA had proposed modifications to the Code to streamline the use of certain terminologies and update the list of standards in the Code.

3 Public Consultation

- 3.1 Pursuant to Clause 1.6 of the Code, EMA had sought written representations on the proposed modifications to the Code. Written representation from Sembcorp Gas Pte Ltd and Singapore Power Ltd were received.
- 3.2 Appendices 1 and 2 set out the modifications to the Code (taking into account the written representations), and EMA's response to the written representations respectively.

4 EMA's Decision

- 4.1 EMA has carefully considered the written representations from the respondents and has decided to modify the Code as set out in Appendix 1. The proposed Code modifications will come into effect on 1 August 2014.

Appendix 1

Proposed Modifications to the Gas Metering Code

Modification Ref. No.	Clause*	Original Text	Modified Text
GMC/2014/1	1.1	"Direct Capacity Customer" is as defined in the Gas Network Code;	Delete definition
GMC/2014/2	1.1	"Managed Capacity Customer" is as defined in the Gas Network Code;	Delete definition
GMC/2014/3	1.1	"Managed Capacity Provider" is as defined in the Gas Network Code;	Delete definition
GMC/2014/4	1.1	"Participants" means the Meter Owner, Direct Capacity Customer, Managed Capacity Provider, Managed Capacity Customer, Retail Customer and Retailer	"Participants" means the Meter Owner, Direct Capacity Customer, Managed Capacity Provider, Managed Capacity Customer, <u>Direct Access Customer, Retail Customer, Gas Shipper and Gas Retailer</u>
GMC/2014/5	2.1.2	The Designated Gas Transporter shall own a Meter Installation which is in operation and used to measure the volume or energy of natural gas withdrawn at any Transmission Network Offtake Point of the Transportation System owned by, or under the management or control of the Designated Gas Transporter, when required by both the relevant Managed Capacity Provider and relevant Managed Capacity Customer.	The Designated Gas Transporter shall own a Meter Installation which is in operation and used to measure the volume or energy of natural gas withdrawn at any Transmission Network Offtake Point of the Transportation System owned by, or under the management or control of the Designated Gas Transporter, when required by both the relevant Managed Capacity Provider and relevant Managed Capacity Customer. <u>the relevant Gas Shipper and the relevant Direct Access Customer.</u>
GMC/2014/6	2.1.3	The Designated Gas Transporter shall own a Meter Installation which is in operation and used to measure the volume or energy of natural gas withdrawn at any Transmission Network Offtake Point of the Transportation	Delete sub-clause 2.1.3, the succeeding clause to be renumbered accordingly.

* With reference to the section of the Gas Metering Code dated 15 September 2008 as published on EMA's website.

Modification Ref. No.	Clause*	Original Text	Modified Text
		System owned by, or under the management or control of the Designated Gas Transporter, when required by the relevant Direct Capacity Customer.	
GMC/2014/7	6.7.2	Each Gas Shipper shall provide the Designated Gas Transporter, the relevant Managed Capacity Customer and the relevant Gas Retailer to access to the information in the Gas Shipper's Meter Database on a timescale to be agreed amongst the relevant Parties.	Each Gas Shipper shall provide the Designated Gas Transporter, the relevant <u>Direct Access Customer</u> Managed Capacity Customer and the relevant Gas Retailer to access to the information in the Gas Shipper's Meter Database on a timescale to be agreed amongst the relevant Parties.
GMC/2014/8	6.8.2	The Designated Gas Transporter shall provide the relevant Gas Shipper, the relevant Managed Capacity Customer, or the relevant Gas Retailer to access to the Meter Data stored in its Designated Gas Transporter Meter Database on a timescale to be agreed amongst the relevant Parties.	The Designated Gas Transporter shall provide the relevant Gas Shipper, the relevant <u>Direct Access Customer</u> Managed Capacity Customer , or the relevant Gas Retailer to access to the Meter Data stored in its Designated Gas Transporter Meter Database on a timescale to be agreed amongst the relevant Parties.
GMC/2014/9	Appendix 1	BS EN 12405 Gas-volume electronic conversion devices	BS EN 12405 Gas-volume electronic conversion devices <u>Conversion devices</u>
GMC/2014/10	Appendix 1	BS 6400:1997 Specification for installation of domestic sized Meters (2nd and 3rd family gases). This specifies the siting and fixing of Meters up to 208 cu ft/hr rating.	BS 6400:1997 Specification for installation, exchange, relocation and removal of gas meters with a maximum capacity not exceeding 6 m³/h of domestic sized Meters (2nd and 3rd family gases). This specifies the siting and fixing of Meters up to 208 cu ft/hr rating.
GMC/2014/11	Appendix 1	AGA Report No.7 Measurement of Fuel Gas By Turbine Meters	AGA Report No.7 Measurement of <u>Fuel-Natural</u> Gas by Turbine Meters
GMC/2014/12	Appendix 1	AGA Report No.8 For Compressibility Factors	AGA Report No.8 For Compressibility Factors <u>of Natural Gas and Other Related Hydrocarbon Gases</u>

EMA's Response to Written Representations

Modification Ref. No.	Clause*	Written Representations	EMA's Response
GMC/2014/1 GMC/2014/2	1.1	<p>Sembcorp Gas Pte Ltd</p> <p>The terms "Direct Capacity Customer" and "Managed Capacity Customer" may have ceased to exist in the GNC, but the GTP102 Customer Project Data Sheet still shows "Retail Consumer / Managed Capacity Consumer / Direct Capacity Consumer" under the "Customer Type".</p>	PowerGas Ltd will amend its relevant forms to reflect the updated terminologies.
GMC/2014/5	2.1.2	<p>Singapore Power Ltd</p> <p>We note that EMA's proposed amendment is to reflect the consequential modification of clause 1.1 under the Gas Metering Code. As such, this should not affect the remaining clause of the original provision. The revised Clause 2.1.2 should read as follows:-</p> <p>"2.1.2 The Designated Gas Transporter shall own a Meter Installation...when required by the relevant Gas shipper and the relevant Direct Access Customer."</p>	Clause 2.1.2 will be amended accordingly.

* With reference to the section of the Gas Metering Code dated 15 September 2008 as published on EMA's website.