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SUBJECT : **RULES CHANGE PANEL WORK PLAN 2018/19**

FOR : **DISCUSSION AND DECISION**

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Executive Summary

This paper presents the proposed update of the 2-year Rules Change Panel (RCP) work plan, incorporating feedback from meeting with stakeholders from 8 January 2018 to 1 February 2018.

EMC recommends that the RCP discuss and agree on an updated work plan, and task EMC to monitor the progress of the approved work plan. The approved work plan is presented in Table 4 of section 6 of this paper.

1. Introduction

This paper takes stock of the progress made in the previous work plan approved in March 2017. It then presents the list of existing and new issues raised during the work plan consultation exercise, together with the corresponding rankings and comments made by various stakeholders. The proposed issues to be tackled over the next 2 years are then tabled for RCP's discussion and approval.

2. RCP's Achievements: April 2017 – March 2018

2.1 Overview

At its 92nd meeting in March 2017, the RCP agreed on the 2017/18 work plan and tasked EMC to monitor its progress. This work plan comprises 26 issues, with 13 to be addressed within the first 12 months (i.e. by March 2018).

Of the 13 issues, the RCP has completed work on 5 of them, including:

- Review of Mechanisms to Mitigate Credit Default
- Review of Market Participants' Classification and Rules Change Panel's Composition
- Compensation for Generators Adversely Affected by Price Revision
- Removal of provisions relating to forward sales contract from the market rules
- Review of sections 9.1.2.2 and 9.1.3 of Chapter 5

At the same time, significant progress has been made on 6 of these issues:

- *Review of Automatic Financial Penalty Scheme (AFPS)* – On 11 May 2016, EMC sought industry feedback on the additional issues to be addressed. EMC is currently analysing the issues received, which pertains to (i) expansion of exempted cases, (ii) minimum penalty value, and (iii) treatment of embedded generators' must-run quantity.
- *Publishing Additional Load Scenarios in the Forecast Schedules* – This proposal was first tabled at the 99th RCP meeting, where the RCP tasked EMC to further examine alternatives to better optimise resources and consider publishing additional load scenarios in the STS with smaller granularity. EMC conducted further assessment, specifically to (i) remove additional load scenarios published in the PDS and MOS, and (ii) adopt sequential solving of load scenarios of a given schedule, and published its assessment for consultation on 13 February 2018. This paper, updated with EMC's assessment, will be re-tabled for the Panel's decision at its March 2018 meeting.
- *Validating Load Forecasts* – This proposal was tabled at the 100th RCP meeting, where the Panel supported implementing the proposed validation check using a static maximum different between load forecasts for consecutive periods. EMC is drafting the proposed rule modifications.
- *Templates for Banker's Guarantees and Standby Letters of Credit* – This paper reviews the current banker's guarantee format and also explores introducing a standby letter of credit template (which is also raised in Issue 25 "Standby Letter of Credit Format"). The rule modification proposal was published for consultation on 28 February 2018, with comments due on 21 March 2018.
- *Publication of Offer Data* – The concept paper was published for consultation on 12 March 2018, with comments due 29 March 2018.
- *Reduction of gate closure during forced outage events* – On 9 March 2018, EMC circulated a questionnaire to seek the industry feedback on the proposals to (i) reduce the gate closure period, and (ii) allow generators to re-offer within gate closure when they have recovered from their forced outages.

In addition to the agreed work plan, during the financial year, the RCP also addressed the following rule change:

- *Review of Dispute Resolution Procedures* – This paper reviews the current dispute resolution procedures and examines the suggestion to establish model arbitration rules. Since the current model arbitration rules, which are intended to serve as a guide, has not been tested with actual disputes, they were recommended to continue to serve as a guide.

Further, the EMA also directed EMC under Section 46(2)(b) of the Electricity Act to undertake the following rule change in the past year:

- *Rules Modification for EMA’s “Enhancement to the Spinning Reserve Requirements for the Singapore Power System”* – This rules modification which took effect on 01 October 2017 is to give effect to the EMA’s policy decision to combine the primary reserve and secondary reserve classes into a single new primary reserve class.
- *Registration of Non-exporting Embedded Intermittent Generation Facility* – This rule change is intended to allow consumers with non-exporting embedded intermittent generation facilities to be registered via a streamlined registration process for the payment of fixed market-related charges (e.g. regulation costs) in advance. The proposed rule modifications took effect on 8 March 2018.
- *Rules Modification for EMA’s “Enhancements to the Regulatory Framework for Intermittent Generation Sources” and “Enhancement to the Central Intermediary Scheme for Embedded Generation”* – This rule change is to give effect to EMA’s policy decision to (i) charge regulation costs to residential contestable consumers with embedded IGS below 1 MWac on a net basis if such IGS are registered via the MSSL, and (ii) extend the central intermediary scheme by allowing contestable consumers with embedded generators (IGS and non-IGS) of capacity less than 10 MW to settle through the MSSL intermediary, instead of participating directly in the wholesale electricity market. The proposed rule modifications have been published for comments on 1 March 2018.

3. RCP Work Plan Prioritisation Exercise 2018

3.1 List of Issues for Prioritisation

Prior to the consultation meetings, EMC presented stakeholders with a list of 34 issues comprising 20 that were carried over from the previous work plan, 2 which were matters arising tasked to be examined by the RCP, 1 which was raised during the mid-year review, and 11 that were newly raised by stakeholders. The latter three categories of new issues are summarised below:

- (1) **Imposition of Minimum Net Tangible Asset as a Condition of Participation for Retailers** – Arising from discussions at the 94th RCP meeting, the RCP tasked EMC to conduct further study on the imposition of minimum net tangible asset levels as a condition of participation for retailers. (Matters arising)
- (2) **Compensation for Load Registered Facilities with Restricted Energy Bids Arising from Price Revision** – Arising from discussions at the 99th RCP meeting, the RCP tasked EMC to examine the applicability of compensation for load registered facilities providing load curtailments, as a result of price revision. (Matters arising)
- (3) **Provision of Real-time Estimates of the Reserve Responsibility Share (RRS) for each GRF** – The RRS determines the proportion of reserve costs allocated to each GRF and is currently only determined during settlement. This proposal suggests that EMC calculates and publishes the estimated RRS for each GRF in real-time and forecast schedules. (Proposed by: Senoko Energy)

- (4) **Proposed change in frequency of Pre-dispatch Schedule** – This proposal suggests increasing the frequency with which the PDS is produced, from every two hours to every hour. (Proposed by: PacificLight Power)
- (5) **Standby Letter of Credit (SBLC) Format** – Letters of credit are an acceptable form of credit support, but there is currently no stipulated template unlike banker's guarantees. This proposal thus suggests for a SBLC template to be provided. (Proposed by: Tuaspring)
- (6) **Issuance of gas system stress advisory** – This proposal suggests that gas system stability issues be conveyed via advisory notices published on EMC's website. (Proposed by: Tuaspring)
- (7) **To review the requirement for registration as commissioning generation facility (CGF) for generation settlement facilities (GSFs), except for intermittent generation facilities (IGFs) of aggregate name-plate rating 10MW or more** – This proposal suggests doing away with the requirement for generation facilities that are less than 10MW to be registered as a CGF during the period when they are undergoing commissioning tests. (Proposed by: PSO)
- (8) **Special support policy for green energy** – This proposal suggests providing support for green energy generators. (Proposed by: CGNPC Solar-Biofuel Power)
- (9) **Impact of Carbon Tax and Carbon Credits on the existing Power Grid Supply and In-house Generation of Power using Trigen** – This proposal suggests studying the impact that carbon tax and carbon credits have on the existing power grid supply and in-house generators that are on trigen technology. (Proposed by: MSD International GmbH)
- (10) **Clarify policy on gross meter PV export setup** – Net settlement for energy currently applies automatically for IGFs that are connected in an embedded setup. This proposal suggests that such IGFs be given the choice to be gross settled for energy (i.e. be treated as a standalone generator even though it is connected in an embedded setup). (Proposed by: LYS Genco Beta)
- (11) **Review of credit support requirements in alignment with the retailer of last resort framework** – According to the retailer of last resort framework, upon a retailer's default, MSSL will take 4 business days (BDs) to transfer the defaulting retailer's consumers to purchasing from the MSSL. This proposal suggests reviewing the credit support requirements in SWEM to take into account the 4BDs lead time, during which the defaulting retailer will still be chalking up exposure in SWEM. (Proposed by: EMC Market Administration)
- (12) **Review Default Levy Arrangements** – This issue entails reviewing the current default levy arrangements to identify any gaps and also to inform stakeholders of the processes and their respective obligations should a default levy need to be imposed. (Proposed by: EMC Market Administration)
- (13) **Treatment of consecutive trading periods for demand response events** – This proposal suggests that the load curtailment deemed to have been delivered by a load registered facility (LRF) should be based on each load curtailment event (which could span several periods), rather than each period. (Proposed by: Diamond Energy Merchants)
- (14) **Harmonisation of the AFP mechanism and Demand Response Penalty Regime for Demand Response providers** – This proposal suggests that LRFs registered to provide load curtailment should not be allocated regulation costs since a strict compliance regime is in place. (Proposed by: Diamond Energy Merchants)

3.2 Consultation Process

Over a four-week period from 8 January 2018 to 1 February 2018, EMC met up with various market participants¹, the PSO and SP Services to refine the scope of the issues, and rate each issue according to its importance and urgency. Stakeholders could also vote to remove issues from the list, and provide their qualitative comments. Section 4 below summarises stakeholders' ranking.

The following message emerged from the consultation process:

- EMC should continue to work on issues where work has already commenced, with an aim to complete them as soon as possible before embarking on new issues.
- While some of the issues raised are not within the purview of the RCP, and hence proposed to be removed, they reflect concerns and issues faced by the industry. EMC proposes that the RCP refer these issues to the EMA, and remove these issues from the RCP's work plan. These issues are:

Table 1: Issues proposed to be referred to the EMA

Issue No. / Issue Title
<ul style="list-style-type: none"> • Issue 28: Special support policy for green energy • Issue 29: Impact of Carbon Tax and Carbon Credits on the existing Power Grid Supply and In-house Generation of Power using Trigen • Issue 30: Clarify policy on gross meter PV export setup

4. Ranking Methodology Adopted

Two methods to determine the overall ranking of each issue are presented for the RCP's consideration:

- (1) **Simple Average Methodology:** Averages scores for 'importance' and 'urgency' of each issue across all stakeholders.
- (2) **Group-Weighted Methodology:** Averages scores for 'importance' and 'urgency' of each issue across each of the 4 groups of representatives/stakeholders (generation licensees, retail licensees, wholesale trader licensees and service providers). The average of these 4 scores is then calculated.

Table 2 overleaf summarises the ranking results under each of these methodologies, together with an indication of whether work has commenced and the number of stakeholders who proposed to remove the issue, with a detailed breakdown of the ranking results shown in **Annex 1**.

¹ A total of 36 market participants were involved, namely CGNPC Solar-Biofuel Power (Singapore), Charis Electric, Diamond Energy Managers, Diamond Energy Merchants, Exxonmobil Asia Pacific, Hyflux Energy, Keppel Electric, Keppel Merlimau Cogen, Keppel Seghers Tuas Waste-To-Energy Plant, LYS Genco Beta, MSD International GmbH (Singapore Branch), National Environment Agency, Ohm Energy, PacificLight Energy, PacificLight Power, Public Utilities Board, Red Dot Power, Sembcorp Cogen, Sembcorp Power, Sembcorp Solar Singapore, Senoko Energy, Senoko Energy Supply, Senoko Waste-To-Energy, Seraya Energy, Shell Eastern Petroleum, Singapore LNG Corporation, Singapore Refining Company, SmartCity Energy, Sunseap Energy, Sunseap Leasing Beta, Sunseap Leasing, TP Utilities, Tuas Power Generation, Tuas Power Supply, Tuaspring and YTL PowerSeraya.

Table 2: Work Plan Issues by Rank²

Issue No.	Issue Title	Rank (Simple Average)	Rank (Group-Weighted)	Work Started ?	Propose to Remove	Summary of Reasons for Removal
On-going Issues						
1	Review of Automatic Financial Penalty Scheme (AFPS) & related issues raised in the 2017 work plan prioritisation exercise	N.A.	N.A.	Y	N.A.	N.A.
2	Imposition of Minimum Net Tangible Asset as a Condition of Participation for Retailers	N.A.	N.A.	Y	N.A.	N.A.
4	Compensation for Load Registered Facilities with Restricted Energy Bids Arising from Price Revision	N.A.	N.A.	Y	N.A.	N.A.
6	Publishing Additional Load Scenarios in the Forecast Schedules	N.A.	N.A.	Y	N.A.	N.A.
9	Validating Load Forecasts	N.A.	N.A.	Y	N.A.	N.A.
10, 25	Proposed Amendment to Sample Bankers' Guarantee Format, Standby Letter of Credit (SBLC) Format	N.A.	N.A.	Y	N.A.	N.A.
03	Reduction of gate closure during forced outage events	N.A.	N.A.	Y	N.A.	N.A.
05	Publication of Offers	N.A.	N.A.	Y	N.A.	N.A.
Other Issues						
32	Review Default Levy Arrangements	1	1	N	0	
26	Issuance of gas system stress advisory	2	4	N	1	- There is already an established communication protocol for gas system stress put in place by the Gas Transporter. Given that it relates to gas system operation matters, should be referred to the GNC/gas transporter.
31	Review of credit support requirements in alignment with the retailer of last resort framework	3	2	N	0	N.A.

² Arising from the RCP's decision at its 78th meeting, ongoing issues need not be ranked. The remaining issues where work has not started are arranged by their ranking based on the simple average method. Issues in shaded in blue are those that are on the 2017/18 work plan.

Issue No.	Issue Title	Rank (Simple Average)	Rank (Group-Weighted)	Work Started ?	Propose to Remove	Summary of Reasons for Removal
27	To review the requirement for registration as commissioning generation facility for generation settlement facilities, except for intermittent generation facilities of aggregate name-plate rating 10MW or more	4	3	N	0	N.A.
07	Load restoration command from PSO to be in sync with the periods for which loads offered to provide reserve	5	7	N	1	- Since LRFs are activated during contingency events, PSO cannot allow automatic restoration of load before the power system is stabilised, as it would result in further deterioration and could cause widespread blackouts.
24	Proposed change in frequency of Pre-dispatch Schedule	6	10	N	0	N.A.
20	Provisions regarding settlement bank and settlement account	7	11	N	2	- Do not see need for multiple banks, bank accounts or settlement accounts.
18	Adjustment for regulation charges and price neutralisation after final settlement	8	6	N	3	- Principle in the market rules seems reasonable.
30	Clarify policy on gross meter PV export setup	9	8	N	9	- Policy matter under EMA's purview.
12	Review CVP associated with violation of Type 2 Artificial Lines	10	9	N	0	N.A.
15	Regulation Effectiveness Factor	11	5	N	3	- Suggest removing if no battery facilities are currently providing regulation.
23	Provision of Real-time Estimates of the Reserve Responsibility Share (RRS) for Each GRF	12	19	N	1	- EMC to consider such requests via data subscription instead.
11	Probability of Failure Methodology	13	20	N	6	- The POF treatment has been updated when AFPS was introduced in Nov 2015. - The EMA's proposed Intermittency Pricing Mechanism may address the double penalty issue.
08	Improvement of real-time information flow	14	14	N	2	- RCP had addressed issue at Jan

Issue No.	Issue Title	Rank (Simple Average)	Rank (Group-Weighted)	Work Started ?	Propose to Remove	Summary of Reasons for Removal
	regarding unplanned outages and return to service					2017 meeting.
16	Removal of the first-approach of Constraint Violation Penalties (CVP) rerun	15	12	N	0	N.A.
29	Impact of Carbon Tax and Carbon Credits on the existing Power Grid Supply and In-house Generation of Power using Trigen	16	13	N	23	<ul style="list-style-type: none"> - Not under purview of the market rules. - Policy matter to be addressed by the EMA.
17	Removal of price warning advisory notices	17	22	N	6	<ul style="list-style-type: none"> - MPs can revise their subscription for notifications.
33	Treatment of consecutive trading periods for demand response events	18	15	N	5	<ul style="list-style-type: none"> - EMA's policy decision and should be directed to EMA instead
28	Special support policy for green energy	19	18	N	28	<ul style="list-style-type: none"> - Not under purview of the market rules. - Policy matter to be addressed by the EMA. - SWEM is technology and fuel agnostic.
19	Removal of Singapore Government Treasury bills as acceptable credit support	20	25	N	4	<ul style="list-style-type: none"> - Issue has been on the list without any impact on the market.
22	Invalid load ramping constraints in the Rules Modification for EMA's "Implementing Demand Response in the National Electricity Market of Singapore"	21	16	N	1	<ul style="list-style-type: none"> - The non-dispatchable portion of load is not controllable.
13	Review of the timeline for meter data investigation and adjustments after notice of dissent has been raised	22	17	N	0	N.A.
14	Review composition of the market surveillance and compliance panel (MSCP)	23	24	N	12	<ul style="list-style-type: none"> - MSCP oversees the wholesale electricity market, not the futures market.
34	Harmonisation of the AFP mechanism and Demand Response Penalty Regime for Demand Response providers	24	23	N	12	<ul style="list-style-type: none"> - EMA's policy decision. - Argument invalid. - Fair and equitable for all loads and generators to pay AFP. - DR penalty regime should be

Issue No.	Issue Title	Rank (Simple Average)	Rank (Group-Weighted)	Work Started ?	Propose to Remove	Summary of Reasons for Removal
						reviewed instead.
21	Modelling of on-site ambient temperature into the MCE such that GTs/CCPs' maximum capacity are adjusted dynamically	25	21	N	7	<ul style="list-style-type: none"> - Cost-benefit analysis needs to be conducted. - Do not see merit in this proposal.

5. Approach to Prioritisation

EMC recommends that the RCP consider the following in its prioritisation process:

- Ranking received from stakeholders – The ranking by stakeholders indicates which issues are likely to provide the most impact in enhancing the performance of the market.
- On-going issues – As considerable amount of effort were already invested in the on-going issues, it would be sensible to continue with these work streams.
- Issues to be referred to the EMA – Issues listed in Table 1 (also shaded in pink in Table 2) are not under the purview of the RCP and should be referred to the EMA.
- Stakeholders had proposed that certain issues be removed from the work plan, along with their reasons. It would be useful for the RCP to deliberate if these issues should be removed from the work plan.

EMC proposes that 12 issues be addressed in the next 12 months (i.e. from April 2018 to March 2019).

6. Conclusions and Decisions at the 101st RCP Meeting

The Panel, having considered the list of issues and EMC's recommendations, made the following decisions:

(i) Issues to be referred to the EMA

The Panel by majority vote agreed to refer the issues set out in Table 1 (namely Issues 28, 29 and 30) to the EMA.

In addition to the three issues in Table 1, the Panel also, by majority vote, decided to refer Issue 26 (*Issuance of gas system stress advisory*) to the EMA given that the scope of the issue pertains to the gas sector.

Table 3: Details of decisions to remove issues and refer to the EMA

Decision		Remove issues in <u>Table 1</u> and refer to EMA	Remove <u>Issue 26</u> and refer to EMA
Mr. Henry Gan	Representative of EMC	Support	Abstain
Mr. Soh Yap Choon	Representative of the PSO	Support	Support
Mr. Marcus Tan	Representative of Generation Licensee	Support	Support
Mr. Tan Jun Jie		Support	Support
Mr. Tony Tan		Support	Support
Ms. Carol Tan	Representative of Transmission Licensee	Support	Support
Mr. Sean Chan	Representative of Retail Electricity Licensee	Support	Support
Mr. Vijay Sirse		Support	Support
Mr. Daniel Lee		Support	Do not support
Mr. Matthew Yeo	Representative of Wholesale Electricity Trader	Support	Support
Ms. Ho Yin Shan	Representative of the market support services licensee	Support	Support
Mr. Tan Chian Khong	Person experienced in Financial Matters in Singapore	Support	Support
Dr. Toh Mun Heng	Representative of Consumers of Electricity in Singapore	Support	Support
Mr. Fong Yeng Keong		Abstain	Support

(ii) Updated Work Plan 2018/19

The RCP unanimously agreed with EMC's recommendation to place the top 12 issues that remained on the updated work plan for commencement within the next 12 months, with subsequent issues slated for commencement within 13-24 months. The approved work plan is set out in Table 4 below.

Table 4: Updated Rules Change Work Plan from April 2018 to March 2020

Expected Commencement/Completion date	No.	Issue Title
Within 12 months (by March 2019)	1	Review of Automatic Financial Penalty Scheme (AFPS) & related issues raised in the 2017 work plan prioritisation exercise
	2	Imposition of Minimum Net Tangible Asset as a Condition of Participation for Retailers
	4	Compensation for Load Registered Facilities with Restricted Energy Bids Arising from Price Revision
	6	Publishing Additional Load Scenarios in the Forecast Schedules
	9	Validating Load Forecasts
	10, 25	Proposed Amendment to Sample Bankers' Guarantee Format, Standby Letter of Credit (SBLC) Format
	03	Reduction of gate closure during forced outage events
	05	Publication of Offers
	32	Review Default Levy Arrangements
	31	Review of credit support requirements in alignment with the retailer of last resort framework
	27	To review the requirement for registration as commissioning generation facility for generation settlement facilities, except for intermittent generation facilities of aggregate name-plate rating 10MW or more
	07	Load restoration command from PSO to be in sync with the periods for which loads offered to provide reserve
Within 13-24 months (i.e. by March 2020)	24	Proposed change in frequency of Pre-dispatch Schedule
	20	Provisions regarding settlement bank and settlement account
	18	Adjustment for regulation charges and price neutralisation after final settlement
	12	Review CVP associated with violation of Type 2 Artificial Lines
	15	Regulation Effectiveness Factor
	23	Provision of Real-time Estimates of the Reserve Responsibility Share (RRS) for Each GRF
	11	Probability of Failure Methodology
	08	Improvement of real-time information flow regarding unplanned outages and return to service
	16	Removal of the first-approach of Constraint Violation Penalties (CVP) rerun
	17	Removal of price warning advisory notices
	33	Treatment of consecutive trading periods for demand response events
	19	Removal of Singapore Government Treasury bills as acceptable credit support
	22	Invalid load ramping constraints in the Rules Modification for EMA's "Implementing Demand Response in the National Electricity Market of Singapore"
	13	Review of the timeline for meter data investigation and adjustments after notice of dissent has been raised
	14	Review composition of the market surveillance and compliance panel (MSCP)
34	Harmonisation of the AFP mechanism and Demand Response Penalty Regime for Demand Response providers	
21	Modelling of on-site ambient temperature into the MCE such that GTs/CCPs' maximum capacity are adjusted dynamically	

Annex 1: Ranking Results by Key Stakeholders

Each stakeholder was asked for his view on the importance and urgency of each of the issues where work has not started. A score of 3 corresponds to “High”, 2 corresponds to “Medium”, and 1 corresponds to “Low”.

In the Grand Total column, the number in front of the bracket shows the ranking score and the number in the bracket gives the number of stakeholders providing that ranking score. For example, 1(7) means 7 stakeholders have ranked this item as 1 or “Low”.

The overall average score arising from each method is represented in the last 2 columns of Table 5.

Table 5: Scoring of issues by stakeholders

Issue No.	Issue Title	Grand Total	Overall Score (Simple Average Method)	Overall Score (Group-weighted Average Method)
7	Load restoration command from PSO to be in sync with the periods for which loads offered to provide reserve Importance Urgency	 1(21), 2(2), 3(9) 1(21), 2(2), 3(9)	 1.625	 1.658
8	Improvement of real-time information flow regarding unplanned outages and return to service Importance Urgency	 1(22), 2(8), 3(5) 1(24), 2(6), 3(5)	 1.486	 1.436
11	Probability of Failure Methodology Importance Urgency	 1(20), 2(5), 3(6) 1(21), 2(5), 3(5)	 1.516	 1.317
12	Review CVP associated with violation of Type 2 Artificial Lines Importance Urgency	 1(15), 2(11), 3(4) 1(17), 2(12), 3(1)	 1.550	 1.597
13	Review of the timeline for meter data investigation and adjustments after notice of dissent has been raised Importance Urgency	 1(22), 2(5), 3(2) 1(22), 2(6), 3(1)	 1.293	 1.395
14	Review composition of the market surveillance and compliance panel (MSCP)		1.250	1.207

Issue No.	Issue Title	Grand Total	Overall Score (Simple Average Method)	Overall Score (Group-weighted Average Method)
	Importance Urgency	1(24), 2(4), 3(2) 1(24), 2(5), 3(1)		
15	Regulation Effectiveness Factor Importance Urgency	1(19), 2(6), 3(6) 1(21), 2(4), 3(6)	1.548	1.840
16	Removal of the first-approach of Constraint Violation Penalties (CVP) rerun Importance Urgency	1(15), 2(11), 3(2) 1(17), 2(10), 3(1)	1.482	1.505
17	Removal of price warning advisory notices Importance Urgency	1(23), 2(8), 3(3) 1(23), 2(8), 3(3)	1.412	1.301
18	Adjustment for regulation charges and price neutralisation after final settlement Importance Urgency	1(16), 2(13), 3(4) 1(19), 2(11), 3(3)	1.576	1.722
19	Removal of Singapore Government Treasury bills as acceptable credit support Importance Urgency	1(23), 2(5), 3(3) 1(25), 2(3), 3(3)	1.323	1.200
20	Provisions regarding settlement bank and settlement account Importance Urgency	1(20), 2(8), 3(7) 1(22), 2(6), 3(7)	1.600	1.537
21	Modelling of on-site ambient temperature into the MCE such that GTs/CCPs' maximum capacity are adjusted dynamically Importance Urgency	1(25), 2(4), 3(1) 1(28), 2(1), 3(1)	1.150	1.303
22	Invalid load ramping constraints in the Rules Modification for EMA's "Implementing Demand Response in the National Electricity Market of Singapore"		1.315	1.404

Issue No.	Issue Title	Grand Total	Overall Score (Simple Average Method)	Overall Score (Group-weighted Average Method)
	Importance Urgency	1(20), 2(4), 3(3) 1(22), 2(3), 3(2)		
23	Provision of Real-time Estimates of the Reserve Responsibility Share (RRS) for Each GRF Importance Urgency	1(17), 2(5), 3(6) 1(21), 2(1), 3(6)	1.536	1.325
24	Proposed change in frequency of Pre-dispatch Schedule Importance Urgency	1(15), 2(11), 3(5) 1(19), 2(7), 3(5)	1.613	1.554
25	Standby Letter of Credit (SBLC) Format Importance Urgency	1(19), 2(7), 3(6) 1(21), 2(5), 3(6)	1.563	1.528
26	Issuance of gas system stress advisory Importance Urgency	1(9), 2(10), 3(13) 1(10), 2(12), 3(10)	2.063	1.865
27	To review the requirement for registration as commissioning generation facility for generation settlement facilities, except for intermittent generation facilities of aggregate name-plate rating 10MW or more Importance Urgency	1(17), 2(7), 3(9) 1(21), 2(4), 3(8)	1.682	1.876
28	Special support policy for green energy Importance Urgency	1(23), 2(3), 3(4) 1(23), 2(3), 3(4)	1.367	1.383
29	Impact of Carbon Tax and Carbon Credits on the existing Power Grid Supply and In-house Generation of Power using Trigen Importance Urgency	1(22), 2(5), 3(4) 1(22), 2(5), 3(4)	1.419	1.445
30	Clarify policy on gross meter PV export setup		1.561	1.633

Issue No.	Issue Title	Grand Total	Overall Score (Simple Average Method)	Overall Score (Group-weighted Average Method)
	Importance Urgency	1(21), 2(5), 3(7) 1(21), 2(6), 3(6)		
31	Review of credit support requirements in alignment with the retailer of last resort framework Importance Urgency	1(7), 2(16), 3(7) 1(9), 2(14), 3(7)	1.967	2.031
32	Review Default Levy Arrangements Importance Urgency	1(6), 2(13), 3(10) 1(9), 2(11), 3(9)	2.069	2.045
33	Treatment of consecutive trading periods for demand response events Importance Urgency	1(21), 2(5), 3(4) 1(23), 2(3), 3(4)	1.400	1.430
34	Harmonisation of the AFP mechanism and Demand Response Penalty Regime for Demand Response providers Importance Urgency	1(25), 2(2), 3(3) 1(28), 2(0), 3(2)	1.200	1.214