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TOT OTHERA GOC	
Rule modification title	Temporary Price Cap Mechanism
Submitted By: Date:	Energy Market Authority (EMA) 16 June 2023
Rules Version/ Chapter/ Section	 Market Rules (Version 1 Jan 2023): Chapter 3 section 3.11B Appendix 6D section D.24 Appendix 6J section J.1 Appendix 6L section L.4 Appendix 6N (new) Chapter 7 section 4.1 Chapter 8
Description of Market Rules	Please refer to Annex 1 for the proposed modifications to the market rules.
Reasons for amendment	The proposed modifications to the market rules are to reflect the necessary rule changes according to the "Temporary Price Cap Mechanism" final determination paper published by EMA on 16 June 2023.
Impact of proposed amendment on MPs, MO, PSO and general public	There will be a temporary price cap (TPC) mechanism put in place, which will subject nodal prices and the uniform Singapore energy price (USEP) to a lower cap when it is activated. The price caps for primary reserve, contingency reserve, and regulation will also be adjusted appropriately to ensure that the priority for dispatch for the various products remains consistent when the TPC is activated.
	Compensation will be allowed for market participants of generation registered facilities or import registered facilities that were dispatched and failed to recover its actual costs of supply from payments received in real-time markets during periods of TPC activation. As a result, the Monthly Energy Uplift Charge (MEUC) may increase.
EMC's Comments	Comments on the proposed rule modifications have been addressed in the "Temporary Price Cap Mechanism" final determination paper published by EMA on 16 June 2023.
	The proposed modifications are made pursuant to the EMA's directive made under Section 46(3)(b) of the Electricity Act.
	The EMA approved the proposed modifications on 16 June 2023. The modifications will take effect on 1 July 2023.

Annex 1 – Market Rule Amendments

Existing Market Rules (1 Jan 2023)	Proposed Changes (Deletions represented by strikethrough text and additions represented by double-underlined text)	Remarks
CHAPTER 3	CHAPTER 3	
[New section]	3.11B.1 Where a market participant makes a request for compensation under section N.3.5 of Appendix 6N, the market participant shall (i) set out the market participant's proposed amount of compensation together with the requisite supporting documents, and (ii) make such request no later than 8 weeks after the dispatch period where the temporary price cap has ceased to apply as communicated by the EMC by means of electronic communications. The Authority will take into consideration the market participant's proposal to determine the final compensation. The EMC shall pay the market participant the final compensation amount according to section 3.12.	To allow for compensation when the temporary price cap is active and market participants are unable to recover their actual costs of supply in those periods.

Existing Market Rules (1 Jan 2023)	Proposed Changes (Deletions represented by strikethrough text and additions represented by double-underlined text)	Remarks
<u>Chapter 6</u>	<u>Chapter 6</u>	
APPENDIX 6D – SECTION C: LINEAR PROGRAM	APPENDIX 6D – SECTION C: LINEAR PROGRAM	
D.24 PRICE FORMATION D.24.1.1 For generation registered facilities that are not multi-unit facilities, and for generation settlement facilities that are not pseudo generation settlement facilities, represented as synchronised in the dispatch network data or connected to the dispatch network in accordance with section D.6.5 in the dispatch period, the market energy price shall be calculated as follows: The price MEP ^m shall then be further modified in accordance with section D.24.5.	D.24 PRICE FORMATION D.24.1.1 For generation registered facilities that are not multi-unit facilities, and for generation settlement facilities that are not pseudo generation settlement facilities, represented as synchronised in the dispatch network data or connected to the dispatch network in accordance with section D.6.5 in the dispatch period, the market energy price shall be calculated as follows: The price MEP ^m shall then be further modified in accordance with section D.24.5 for dispatch periods where the temporary price cap is not in effect, or in accordance with section D.24.5A for dispatch periods where the temporary price cap is	To establish how the USEP and respective prices will be calculated with respect to whether the temporary price cap is in effect or otherwise.

Existing Market Rules (1 Jan 2023)	Proposed Changes (Deletions represented by strikethrough text and additions represented by double-underlined text)	Remarks
D.24.1.2 For generation registered facilities that are multi-unit facilities represented as synchronised in the dispatch network data or connected to the dispatch network in accordance with section D.6.5 in the dispatch period, the market energy prices shall be calculated as follows:	D.24.1.2 For generation registered facilities that are multiunit facilities represented as synchronised in the dispatch network data or connected to the dispatch network in accordance with section D.6.5 in the dispatch period, the market energy prices shall be calculated as follows: $ MEP^{m(g)} = \sum_{u \in CONNECTEDUNITS_g} (Proportion_u \times EnergyPrice_{n(u)}) $ $ \sum_{u \in CONNECTEDUNITS_g} Proportion_u $ The price MEP^m shall then be further modified in accordance with section $D.24.5 \underline{for\ dispatch\ periods}$ where the temporary price cap is not in effect, or in accordance with section $D.24.5A$ for dispatch periods where the temporary price cap is in effect.	

Existing Market Rules (1 Jan 2023)	Proposed Changes (Deletions represented by strikethrough text and additions represented	Remarks
D.24.1.3 For pseudo generation settlement facilities, the market energy price shall be calculated as follows: where: MEP ^{m(g)} is the market energy price for market network node m corresponding to the generation registered facility that energy offer g is for calculated in sections D.24.1.1 or D.24.1.2 after it has been modified in accordance with section D.24.5.	D.24.1.3 For pseudo generation settlement facilities, the market energy price shall be calculated as follows: where: MEP ^{m(g)} is the market energy price for market network node m corresponding to the generation registered facility that energy offer g is for calculated in sections D.24.1.1 or D.24.1.2 after it has been modified in accordance with section D.24.5 for dispatch periods where the temporary price cap is not in effect, or in accordance with section D.24.5A for dispatch periods where the temporary price cap is in effect.	
D.24.2 Nodal spot prices for <i>dispatch network nodes</i> or NSP _n shall be calculated from the values of EnergyPrice _n , the dual variables corresponding to constraint D.16.1.2 for the relevant <i>dispatch network node</i> , and then further modified in accordance with section D.24.5.	D.24.2 Nodal spot prices for <i>dispatch network nodes</i> or NSP _n shall be calculated from the values of EnergyPrice _n , the dual variables corresponding to constraint D.16.1.2 for the relevant <i>dispatch network node</i> , and then further modified in accordance with section D.24.5 for <i>dispatch periods</i> where the <i>temporary price cap</i> is not in effect, or in accordance with section D.24.5A for <i>dispatch periods</i> where the <i>temporary price cap</i> is in effect.	

Existing Market Rules (1 Jan 2023)	Proposed Changes (Deletions represented by strikethrough text and additions represented by double-underlined text)	Remarks
[New Section]	D.24.2A Reference nodal spot prices for <i>dispatch network nodes</i> or RNSP _n shall be calculated from the values of EnergyPrice _n , the dual variables corresponding to constraint D.16.1.2 for the relevant <i>dispatch network node</i> , and then further modified in accordance with section D.24.5.	
D.24.3 <i>Reserve</i> prices for each <i>reserve</i> class shall be calculated from the values of ReservePrice _c , the dual variables corresponding to constraint D.17.3.4, and then further modified in accordance with section D.24.5.	D.24.3 Reserve prices for each reserve class shall be calculated from the values of ReservePrice _c , the dual variables corresponding to constraint D.17.3.4, and then further modified in accordance with section D.24.5 for dispatch periods where the temporary price cap is not in effect, or in accordance with section D.24.5A for dispatch periods where the temporary price cap is in effect.	
D.24.4 The <i>market regulation price</i> or <i>MFP</i> shall be calculated from the values of RegulationPrice, the dual variable corresponding to constraint D.18.2.1, and then further modified in accordance with section D.24.5.	D.24.4 The <i>market regulation price</i> or <i>MFP</i> shall be calculated from the values of RegulationPrice, the dual variable corresponding to constraint D.18.2.1, and then further modified in accordance with section D.24.5 for <i>dispatch periods</i> where the <i>temporary price cap</i> is not in effect, or in accordance with section D.24.5A for <i>dispatch periods</i> where the <i>temporary price cap</i> is in effect.	

Existing Market Rules (1 Jan 2023)	Proposed Changes (Deletions represented by strikethrough text and additions represented	Remarks
	by double-underlined text)	
D.24.5 The market clearing engine shall produce the following modified prices corresponding to the prices referred to	D.24.5 The market clearing engine shall produce the following modified prices corresponding to the prices referred to in	
in sections D.24.1 to D.24.4 for each dispatch period:	sections D.24.1 to D.24.4 for each dispatch period:	
D.24.5.1 if the price referred to any of sections D.24.1 to D.24.4 is between the applicable upper and	D.24.5.1 if the price referred to any of sections D.24.1 to D.24.4 is between the applicable upper and lower	
lower limits specified in Appendix 6J section	limits specified in Appendix 6J section J.1 J.1.7, then	
J.1, then the modified price shall equal that price;	the modified price shall equal that price;	
	D.24.5.2 if the price referred to any of sections D.24.1 to	
D.24.5.2 if the price referred to any of sections D.24.1 to D.24.4 exceeds the applicable upper limit	D.24.4 exceeds the applicable upper limit specified in Appendix 6J section J.1 J.1.7, then the modified price	
specified in Appendix 6J section J.1, then the modified price shall be set to that upper limit;	shall be set to that upper limit; and	
and	D.24.5.3 if the price referred to any of sections D.24.1 to D.24.4 is below the applicable lower limit specified	
D.24.5.3 if the price referred to any of sections D.24.1 to	in Appendix 6J section J.1 J.1.7, then the modified	
D.24.4 is below the applicable lower limit specified in Appendix 6J section J.1, then the	price shall be set to that lower limit.	
modified price shall be set to that lower limit.		

Existing Market Rules (1 Jan 2023)	Proposed Changes (Deletions represented by strikethrough text and additions represented by double-underlined text)	Remarks
[New Section]	D.24.5A If the <i>temporary price cap</i> as referred to in section N.3.1 of Appendix 6N is activated, notwithstanding section D.24.5, the <i>market clearing engine</i> shall apply the upper and lower limits under Appendix 6J, section J.1.7A in its determination of modified prices as referred to in D.24.1 to D.24.4 for each <i>dispatch period</i> the <i>temporary price cap</i> is active for. For the avoidance of doubt, the upper limits under section J.1.7A of Appendix 6J shall not be applied in the determination of the RNSP _n as referred to in D.24.2A.	

	Existing Market Rules (1 Jan 2023)	Proposed Changes (Deletions represented by strikethrough text and additions represented by double-underlined text)	Remarks
D.24.6 USE P	The market clearing engine shall, for each dispatch period, determine the uniform Singapore energy price for the settlement interval corresponding to that dispatch period in accordance with the following formula: $= uniform Singapore \ energy \ price$ $= \Sigma_n \ (W^n \times NSP^n) / \Sigma_n W^n$ where: $\{n n \in NODES\}$	D.24.6 The market clearing engine shall, for each dispatch period, determine the uniform Singapore energy price for the settlement interval corresponding to that dispatch period in accordance with the following formula: $USE = uniform Singapore energy price$ $P = \sum_n \left(W^n \times NSP^n \right) / \sum_n W^n$ $where:$ $\{n n \in NODES\}$	
	$W^{n} = \sum_{\substack{p \in \text{ENERGYBIDS}_{n}, \\ p \notin \text{INTERTIEEN ERGYBIDS}}} \text{Purchase }_{p}$ $- \sum_{j \in \text{DeficitGen erationBlocks}_{n}} \text{DeficitGen erationBlock}_{n,j}$ $NSP^{n} = \text{the nodal spot price for } DNN \text{ n}$ $\text{referred to in section D.24.2 after}$ $\text{it has been modified in accordance with section D.24.5}.$	$W^{n} = \sum_{\substack{p \in \text{ENERGYBIDS}_{n}, \\ p \notin \text{INTERTIEEN ERGYBIDS}}} \text{Purchase }_{p}$ $- \sum_{j \in \text{DeficitGen erationBlocks}_{n}} \text{DeficitGen erationBlock}_{n,j}$ $NSP^{n} = \text{the nodal spot price for } DNN$ $\text{n referred to in section D.24.2}$ $\text{after it has been modified in accordance with section D.24.5 or section D.24.5 A}$ $\underline{\text{where applicable.}}$	

Existing Market Rules (1 Jan 2023)	Proposed Changes (Deletions represented by strikethrough text and additions represented by double-underlined text)	Remarks
[New Section]	D.24.6A The market clearing engine shall, for each dispatch period, determine the reference uniform Singapore energy price or RUSEP corresponding to that dispatch period in accordance with the following formula: RUS = reference uniform Singapore energy price	

Existing Market Rules (1 Jan 2023)	Proposed Changes (Deletions represented by strikethrough text and additions represented by double-underlined text)	Remarks
D.24.7 The <i>market clearing engine</i> shall, for each <i>dispate period</i> , determine the <i>market reserve price</i> or <i>MRP_x</i> for each <i>reserve provider group x</i> , in accordance with the following formula: ReservePrice _c = the <i>reserve class</i> price referred in section D.24.3 after it has been modified accordance with section D.24.5.	determine the <i>market reserve price</i> or MRP_x for each <i>reserve provider group x</i> , in accordance with the following formula: ReservePrice _c = the <i>reserve class</i> price referred to in section D.24.3 after it has been modified in accordance	
D.24.8 The market clearing engine shall, for each dispate period for which the linear program was re-solve pursuant to section D.22A, determine the counterfactual uniform Singapore energy price, CUSEP, for the settlement interval corresponding that dispatch period in accordance with the formula section D.24.6, subject to section D.24.9.	for which the linear program was re-solved pursuant to section D.22A, determine the counterfactual <i>uniform</i> or <i>Singapore energy price</i> , or CUSEP, for the <i>settlement interval</i> corresponding to that <i>dispatch period</i> in accordance	
D.24.9 If, for any settlement interval, $D.24.9.1 CUSEP_h = USEP_h = 0.9 \times VoLL; \text{ and }$	D.24.9 If, for any settlement interval where the temporary price cap is not in effect, D.24.9.1 CUSEP _h = USEP _h = $0.9 \times VoLL$; and	To establish treatment of the CUSEP and hence the LCP

	Proposed Changes	
Existing Market Rules (1 Jan 2023)	(Deletions represented by strikethrough text and additions represented by double-underlined text)	Remarks
D.24.9.2 shortfalls in energy were scheduled in the counterfactual solution referred to in D.22A for the corresponding dispatch period, then the value of CUSEP _h shall be further modified and set to 1×VoLL. Explanatory Note: The CUSEP is modified in an energy shortfall situation to better reflect the value of dispatchable load that was voluntarily curtailed by LRFs with REB.	D.24.9.2 shortfalls in <i>energy</i> were scheduled in the counterfactual solution referred to in D.22A for the corresponding <i>dispatch period</i> , then the value of CUSEP _h shall be further modified and set to 1× <i>VoLL</i> .	when the TPC is in effect.
[New Section]	D.24.9A If, for any settlement interval where the temporary price cap is in effect, D.24.9A.1CUSEP _h = RUSEP _h = 0.9×VoLL; and D.24.9A.2shortfalls in energy were scheduled in the counterfactual solution referred to in D.22A for the corresponding dispatch period, then the value of CUSEP _h shall be further modified and set to 1×VoLL. Explanatory Note: The CUSEP is modified in an energy shortfall situation to better reflect the value of dispatchable load that was voluntarily curtailed by LRFs with REB.	

	Existing Market Rules	(1 Jan 2023)	(Deletic	ons represented by striketh	ed Changes hrough text and additions represented underlined text)	Remarks
	DIX J – PRICE LIMITS AN ION PENALTIES	D CONSTRAINT		NDIX J – PRICE LIMITS TION PENALTIES	S AND CONSTRAINT	
J.1 MAX	IMUM AND MINIMUM PRICE	<u>s</u>	J.1 MA	XIMUM AND MINIMUM P	RICES	To establish the price bound
v	ne upper limit on <i>energy</i> price pariations and settlements, an curtailment prices shall be:				ergy prices in standing offers, offernts, and the upper limit on load one:	values when the
	EnergyPriceMax			EnergyPriceMax		and make modifications
			<u>J.1.2B</u>	The upper limit on load of	curtailment prices shall be:	to the price
J.1.7	Price Bound Values:			<u>LoadCurtailment</u>	tPriceMax	bound values
	Parameter	Value		The upper limit on energy variations shall be:	ry prices in standing offers and offe	temporary price
	EnergyPriceMin	0.9 *CDC		EnergyOfferMax	<u>(</u>	cap is not in effect.
	REBPriceMin	1.5 * BVP	J.1.7	Price Bound Values:		
	EnergyPriceMax	0.9* VoLL	3.1.7	Parameter	Value	
	REBPriceMax	1.00 * VoLL		EnergyPriceMin	0.9 * CDC	
	RegPriceMax	0.06 * VoLL		REBPriceMin	1.5 * BVP	
	ResPriPriceMax	0.85 * VoLL			0.9 * VoLL	
	ResConPriceMax	0.65 * VoLL		EnergyPriceMax	U.9 · VOLL	

Existing Market Rules (1 Jan 2023)	Proposed Changes (Deletions represented by strikethrough text and additions represented by double-underlined text)	Remarks
	LoadCurtailmentPrice Max EnergyOfferMax 0.9 * VoLL REBPriceMax 1.00 * VoLL RegPriceMax 0.06 * VoLL ResPriPriceMax 0.85 * VoLL ResConPriceMax 0.65 * VoLL ResConPriceMax 0.65 * VoLL	
	REBPriceMin1.5 * BVPEnergyPriceMaxMin [TPC Energy Multiplier* TPC Price Parameter, 0.9* VoLL]	The TPC Energy Multiplier and TPC Price Parameter refers to the Multiplier and CCGT LRMC parameters respectively as

Existing Market Rules (1 Jan 2023)	(Deletions re	Proposed Cl epresented by strikethroug by double-under	h text and additions represented	
		LoadCurtailmentPrice Max EnergyOfferMax	0.9* VoLL 0.9 * VoLL	defined within the TPC Final Determination Paper.
		<u>REBPriceMax</u>	1.00*VoLL	The TPC
		<u>RegPriceMax</u>	<u>TPC Regulation</u> <u>Multiplier *</u> <u>EnergyPriceMax</u>	Regulation Multiplier, TPC Primary Reserve
		<u>ResPriPriceMax</u>	<u>TPC Primary Reserve</u> <u>Multiplier *</u> <u>EnergyPriceMax</u>	Multiplier and TPC Contingency
		<u>ResConPriceMax</u>	<u>TPC Contingency</u> <u>Reserve Multiplier *</u> <u>EnergyPriceMax</u>	Reserve Multiplier are variable ratios to ensure that
				the Regulation, Primary Reserves and Contingency Reserves Price
				Cap will be reduced in proportion when the TPC is applied, as

			Proposed Changes	
	Existing Market Rules (1 Jan 2023)	(Delet	ions represented by strikethrough text and additions represented by double-underlined text)	Remarks
				determined in the TPC Final Determination Paper.
	ENDIX L – CALCULATION OF LOAD TAILMENT QUANTITY AND LOAD CURTAILMENT E		NDIX L – CALCULATION OF LOAD CURTAILMENT NTITY AND LOAD CURTAILMENT PRICE	
L.4	LOAD CURTAILMENT PRICE	L.4	LOAD CURTAILMENT PRICE	To establish how the LCP shall be
L.4.1	The <i>load curtailment price</i> (in \$/MWh) for a given <i>dispatch period</i> h shall be calculated as:	L.4.1	The <i>load curtailment price</i> (in \$/MWh) for a given <i>dispatch period</i> h where the <i>temporary price</i> cap is not in effect shall be calculated as:	calculated when the temporary price
	$LCP_{h} = \frac{Max \left[(CUSEP_{h} - USEP_{h}) \times \frac{1}{3} \times NRQ_{h}, 0 \right]}{\sum_{p} LCQ_{p,h}}$		$LCP_{h} = \frac{Max \left[(CUSEP_{h} - USEP_{h}) \times \frac{1}{3} \times NRQ_{h}, 0 \right]}{\sum_{p} LCQ_{p,h}}$	cap is in effect and when it is not in effect.
	where:			
	$\sum_{p} = \text{sum over all } LRF p$		where:	
			$\sum_{p} = \text{sum over all } LRF p$	
[New	Section]	<u>L.4.1A</u>	The load curtailment price (in \$/MWh) for a given dispatch period h where the temporary price cap is in effect shall be calculated as:	

Existing Market Rules (1 Jan 2023)	Proposed Changes (Deletions represented by strikethrough text and additions represented by double-underlined text)	Remarks
L.4.2 If the <i>load curtailment price</i> (in \$/MWh) referred to in section L.4.1 exceeds the applicable upper price limit for <i>energy</i> specified in section J.1.2 of Appendix 6J, then the <i>load curtailment price</i> shall be modified and set to that upper limit.	$\frac{\text{LCP}_{h}}{2} \equiv \frac{\text{Max} \left[\left(\text{CUSEP}_{h} - \text{RUSEP}_{h} \right) \times \frac{1}{3} \times \text{NRQ}_{h}, 0 \right]}{\sum_{p} \text{LCQ}_{p,h}}$	
Explanatory Note: The lower limit on the load curtailment price is zero.	where: \[\sum_p = \text{sum over all } \textit{LRF p} \] L.4.2 If the \(\text{load curtailment price} \) (in \(\frac{\text{MWh}}{\text{MWh}} \)) referred to in section L.4.1 \(\text{and } \text{L.4.1A} \) exceeds the applicable upper price limit for \(\text{energy} \) the \(\text{load curtailment price} \) specified in section \(\text{J.1.2B} \) of Appendix 6J, then the \(\text{load curtailment price} \) shall be modified and set to that upper limit. \[\text{Explanatory Note: The lower limit on the load curtailment price is zero.} \]	
[New Section]	APPENDIX N – TEMPORARY PRICE CAP	
[New Section]	N.1 PURPOSE N.1.1 This Appendix sets forth the rules relating to the application of the temporary price cap mechanism. This mechanism, when triggered, will result in the application of a temporary price	To set forth the design of the TPC mechanism.

Existing Market Rules (1 Jan 2023)	Proposed Changes (Deletions represented by strikethrough text and additions represented by double-underlined text)	Remarks
	cap, where prices will be modified as further described under section D.24.5A of Appendix 6D.	
[New Section]	 N.2.1 The moving average price or MAP for each dispatch period τ shall be the average of the RUSEP as referred to in section D.24.6A of Appendix 6D over the TPC Trigger Periods. The MAP is calculated as follows:	To set forth the Moving Average Price and Moving Average Price Threshold parameters for the activation and deactivation of the temporary price cap mechanism.

Existing Market Rules (1 Jan 2023)	(Deleti	Proposed Changes (Deletions represented by strikethrough text and additions represented by double-underlined text)		
		Explanatory note: The methodology referred to in this section N.2.3 of Appendix 6N is as published in the Authority's final determination paper titled "Temporary Price Cap Mechanism" dated 16 June 2023.		
	<u>N.2.4</u>	The TPC Price Parameter and any such relevant inform to determine the MAPT shall be provided to the EMC Authority. The Authority may revise the TPC Price Parameter and such relevant information from time to time, and revision shall take effect 5 business days after the date EMC's receipt of such revision from the Authority (colonger period as may be prescribed by the Authority).	C by the rameter nd such te of the	
		Explanatory note: Further details on the relevant information to determine the MAPT as referred to in this section N.2.4 of Appendix 6N are published in the Authority's final determination paper titled "Temporary Price Cap Mechanism" dated 16 June 2023.		
[New Section]	<u>N.3 AP</u>	PLICATION OF THE TEMPORARY PRICE CAP MECHANI	NISM	

	Proposed Changes	
Existing Market Rules (1 Jan 2023)	(Deletions represented by strikethrough text and additions represented by double-underlined text)	Remarks
	N.3.1 In the event the moving average price for a dispatch period determined in section N.2.1 exceeds the moving average price threshold referred to under section N.2.3 for any dispatch period, a temporary price cap will apply from the next dispatch period for at least the Minimum Trigger Period, where revised price limits as referred to under section D.24.5A of Appendix 6D will apply. N.3.2 Upon the occurrence of the event described in section N.3.1, the EMC shall, as soon as practicable, issue a notice by means of electronic communications indicating the dispatch period from which the temporary price cap will take effect. Explanatory note: For a given dispatch period, if the temporary price cap is in effect and the MCE fails to produce a real-time pricing schedule that is reflective of this temporary price cap, the temporary price cap shall be applied for the relevant settlement interval that corresponds to this dispatch period. N.3.3 The temporary price cap will cease to take effect for the dispatch period τ _{±1} , provided both the following conditions are met: (i) The MAP for the dispatch period τ as referred to section N.2.1 is equal to or less than the moving average price threshold. This condition is calculated as follows,:	To set forth the on- and off-trigger conditions for the TPC mechanism, the TPC level and provisions for compensation.

Existing Market Rules (1 Jan 2023)	Proposed Changes (Deletions represented by strikethrough text and additions represented by double-underlined text)	Remarks
	MAP _T	
CHAPTER 7	<u>Chapter 7</u>	

	Existing Market Rules (1 Jan 2023)	Proposed Changes (Deletions represented by strikethrough text and additions represented by double-underlined text)	Remarks
4.1 THE 4.1.1	Prior to the beginning of each calendar month, the EMC shall calculate for that calendar month the monthly amount for compensation and other payments (MACP), which shall be the sum of: 4.1.1.4E the compensation amount referred to under section 3.11A of Chapter 3;	4.1.1 Prior to the beginning of each calendar month, the EMC shall calculate for that calendar month the monthly amount for compensation and other payments (MACP), which shall be the sum of: 4.1.1.4E the compensation amount referred to under section 3.11A of Chapter 3; 4.1.1.4G the compensation amount referred to under section 3.11B of Chapter 3;	To establish that any compensation amount arising from the TPC mechanism will be collected under the Monthly Energy Uplift Charge.
	CHAPTER 8	<u>Chapter 8</u>	
[New So	ection]	 1.1.177 Minimum Trigger Period refers to the minimum number of dispatch periods the temporary price cap will be in effect for as determined by the Authority. 1.1.181 moving average price or MAP refers to the average of USEP across the latest TPC Trigger Period, calculated under section N.2.1 of Appendix 6N. 1.1.182 moving average price threshold refers to a value used in the assessment of the application of the temporary price cap, 	To establish new definitions.

	Proposed Changes	
Existing Market Rules (1 Jan 2023)	(Deletions represented by strikethrough text and additions represented by double-underlined text)	Remarks
	determined by a methodology approved by the <i>Authority</i> in accordance with section N.2.3 of Appendix 6N.	
	1.1.236 reference uniform Singapore energy price or RUSEP means the uniform price of energy that applies for the calculation of the moving average price and the counterfactual uniform Singapore energy price when the temporary price cap is in effect.	
	1.1.297 temporary price cap or TPC refers to the value that is used to determine the upper limit of energy prices when the moving average price threshold is reached and is determined in accordance with section J.1.7A of Appendix 6J.	
	1.1.300 TPC Energy Multiplier refers to the multiplier used in the calculation of EnergyPriceMax in accordance with section J.1.7A of Appendix 6J, as determined by the Authority.	
	1.1.301 TPC Contingency Reserve Multiplier refers to the multiplier used in the calculation of ResConPriceMax in accordance with section J.1.7A. The multiplier is to ensure the ratio between EnergyPriceMax and ResConPriceMax remains consistent between sections J.1.7 and J.1.7A of Appendix 6J, accurate up to two decimal points.	
	1.1.302 TPC Price Parameter refers to a value as determined by the Authority, which is used for the calculation of the temporary price cap in accordance with section J.1.7A of Appendix 6J.	

Existing Market Rules (1 Jan 2023)	Proposed Changes (Deletions represented by strikethrough text and additions represented by double-underlined text)	Remarks
	1.1.303 TPC Primary Reserve Multiplier refers to the multiplier used in the calculation of ResPriPriceMax in accordance with section J.1.7A. The multiplier is to ensure the ratio between EnergyPriceMax and ResPriPriceMax remains consistent between sections J.1.7 and J.1.7A of Appendix 6J, accurate up to two decimal points. 1.1.304 TPC Regulation Multiplier refers to the multiplier used in the calculation of RegPriceMax in accordance with section J.1.7A. The multiplier is to ensure the ratio between EnergyPriceMax and RegPriceMax in section J.1.7A of Appendix 6 J remains consistent with that in section J.1.7 of Appendix 6J, accurate up to two decimal points. 1.1.305 TPC Trigger Period refers to a number of the most recent block of dispatch periods as determined by the Authority to be used in the calculation of the moving average price under section N.2.1 of Appendix 6N.	