

Single Electricity Market

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| Final REcommendation ReportMod\_15\_17 Credit Treatment for Adjusted Participants 19 January 2018  |

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Document History

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| **Version** | **Date** | **Author** | **Comment** |
| 1.0 | 19 January 2018 | Modifications Committee Secretariat | Issued to Modifications Committee for review and approval |
| 2.0 | 06 February 2018 | Modifications Committee Secretariat | Issued to Regulatory Authorities for final decision |

Reference Documents

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| **Document Name** |
| [Trading and Settlement Code](http://www.sem-o.com/MarketDevelopment/MarketRules/TSC.docx) |
| [Modification Proposal](http://www.sem-o.com/MarketDevelopment/ModificationDocuments/Mod_15_17%20Credit%20Treatment%20For%20Adjusted%20Participants.docx) |
| [Presentation](http://www.sem-o.com/MarketDevelopment/ModificationDocuments/Mod_15_17%20Credit%20Treatment%20For%20Adjusted%20Participants.pptx) |
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# MODIFICATIONS COMMITTEE RECOMMENDATION

## Recommended for approval– unanimous Vote

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| **Recommended for Approval by Unanimous Vote**  |
| Conor Powell | Supplier Member | Approved |
| Kevin Hannafin | Generator Member | Approved |
| Clive Bowers | Generator Alternate | Approved |
| David Gascon | Generator Alternate | Approved |
| Brian Mongan | Generator Member | Approved |
| William Steele | Supplier Member | Approved |
| Julie-Anne Hannon | Supplier Member (Chair) | Approved |

# Background

This Modification Proposal was raised by SEMO and was received by the Secretariat on 28 November 2017.

The existing Trading and Settlement Code rules determine volumes for the Undefined Exposure Period for New Participants from a submitted forecast volume (Metered Demand for Suppliers and Imbalance for Generators).

For Adjusted Participants the volume is based on a submitted Forecast Adjustment Factor which is applied to a Billing Period Undefined Potential Exposure Quantity which is calculated from actual Metered Demand for Supplier Units and a Billing Period Undefined Potential Exposure which is calculated from actual cash flows for Generator Units.

This proposal seeks to apply the New Participant approach for Adjusted Participants since the I-SEM system design currently treats both New and Adjusted Participants based on forecast volumes of Demand and Imbalance for Supplier and Generator Units respectively as is the current practice under Part A of the Code.

This will require Adjusted Participants to submit a forecast volume rather than an adjustment factor which will then be applied to credit calculations using the same approach as is applied for New Participants. Either approach is expected to deliver similar outcomes but the proposed approach avoids significant system changes.

The Modification Proposal was discussed and voted on at Meeting 78 on 12 December 2017.

# PURPOSE OF PROPOSED MODIFICATION

**3A.) justification of Modification**

The approach detailed in this proposal would result in the same approach to Adjusted Participants as that applied under Part A and would avoid the need for system changes or complex manual workarounds to apply the new approach currently detailed in Part B.

The expectation is that either approach will result in similar outcomes with Participants still able to adjust their undefined exposure when becoming an Adjusted Participant to avoid step changes in credit requirements under the approach detailed in this proposal.

Additional note not included in Justification from proposal form. Note that this proposal also seeks to address an error in clause G.14.1.2 whereby when developing the proposal it was identified that this clause states that Undefined Exposure for New Participants is based on the product of the Participants Credit Assessment Volume and the Combined Credit Assessment Price (CCAP). Strictly speaking the Undefined Exposure for New Participants in respect of their Generator Units is based on the product of their Credit Assessment Volume and the Credit Assessment Price (PCA) where the Combined Credit Assessment Price accounts for imperfections and the Credit Assessment Price appropriately does not.

The legal drafting below seeks to address this by specifying within G.14.1.2 that CCAP applies in respect of Supplier Units and introducing a new clause G.14.1.3 which states that the PCA applies in respect of Generator Units along with the change to apply these to Adjusted Participants.

**3B.) Impact of not Implementing a Solution**

Not implementing this proposal would mean that the delivery of core market systems functionality for go live would be put at risk due to the requirement to deliver this less critical functionality.

**3c.) Impact on Code Objectives**

1. To facilitate the efficient discharge by the Market Operator of the obligations imposed upon it by its Market Operator Licences;

This Modification enables the Market Operator to focus on delivering material obligations for I-SEM go-live (i.e. those which result in material settlement outcomes for Participants).

1. **Assessment of Alternatives**

N/A

# Working Group and/or Consultation

N/A

# impact on systems and resources

There is a small impact on Participants who would be required to submit forecast volumes rather than a forecast adjustment factor when they become and Adjusted Participant.

# Impact on other Codes/Documents

N/A

# MODIFICATION COMMITTEE VIEWS

## Meeting  **78 – 12 December 2017**

Proposer delivered a [presentation](http://www.sem-o.com/MarketDevelopment/ModificationDocuments/Mod_15_17%20Credit%20Treatment%20For%20Adjusted%20Participants.pptx) summarising the requirement for this proposal. Proposer indicated that the proposal would amend the credit treatment for Adjusted Participants so that it reverted back to the same approach as for New Participants. This would mean credit calculations for such Participants being based on forecast volumes as opposed to a forecast adjustment factor to align with the current system design. It was advised that this mechanism had not been used once in the 10 years of SEM and there were no grounds to believe it would be used more in I-SEM. RA Alternate had submitted comments in relation to typos and glossary updates and asked the Proposer to reflect these.

Committee were in agreement to vote on this proposal subject to legal drafting.

# Proposed Legal Drafting

G.12.4.3 Where a Participant becomes an Adjusted Participant, it shall notify the Market Operator of its forecast value of its Metered Demand and/or Imbalance for its Supplier Units and/or Generator Units respectively. The forecast values notified by an Adjusted Participant shall represent the forecast of its average Metered Demand or forecasted Imbalance which will be applied in the calculations for Required Credit Cover. Each Adjusted Participant shall provide such additional information to the Market Operator as provided for pursuant to Agreed Procedure 9 “Management of Credit Cover and Credit Default” to enable the Market Operator to calculate revised values of Required Credit Cover in accordance with this Chapter G (Financial and Settlement).

G.14.1.2 The Undefined Potential Exposure for each New or Adjusted Participant in respect of its Supplier Units shall be based on the product of the Participant’s Credit Assessment Volume and the Combined Credit Assessment Price.

G.14.1.3 The Undefined Potential Exposure for each New or Adjusted Participant in respect of its Generator Units shall be based on the product of the Participant’s Credit Assessment Volume and the Credit Assessment Price.

G.14.3 Calculations for the Undefined Exposure Period for a New or Adjusted Participant in respect of its Supplier Units

* + - 1. The Credit Assessment Volume for a New or Adjusted Participant p (VCASpγ) shall be a forecast of Metered Demand in respect of a New or Adjusted Participant's Supplier Units based upon information provided by the Participant in accordance with paragraph G.12.4.2 or G.12.4.3 and used in the calculation of the Participant's Required Credit Cover.
			2. The Market Operator shall calculate the Exposure for Trading Charges for the Undefined Exposure Period for each New or Adjusted Participant p in respect of its Supplier Units (EUPESpg) as follows:

$$EUPES\_{pg}=CCAP\_{g}×\sum\_{γ in g}^{}VCAS\_{pγ}$$

where:

* + - * 1. CCAPg is the Combined Credit Assessment Price for the Undefined Exposure Period g calculated in accordance with G.14.2.6;
				2. VCASpγ is the Credit Assessment Volume for each New or Adjusted Participant for the Imbalance Settlement Period γ; and
				3. $\sum\_{γ in g}^{} $is a summation over Imbalance Settlement Periods γ in the Undefined Exposure Period g.
			1. A New or Adjusted Participant’s Exposure in respect of its Capacity Charges for its Supplier Units (EUPECCpg) shall be calculated by the Market Operator as follows:

$$EUPECC\_{pg}=\sum\_{γ in g}^{}\sum\_{Ω}^{}CCP\_{Ωγ}×\frac{\sum\_{γ in g}^{}VCAS\_{pγ}}{(\sum\_{p}^{}QUPEB\_{pg}\left(\sum\_{}^{}\_{}\_{}\right)+\sum\_{p}^{}\sum\_{γ in g}^{}VCAS\_{pγ}) }$$

where:

* + - * 1. CCPΩγ is the Capacity Payment for Capacity Market Unit Ω in Imbalance Settlement Period γ;
				2. VCASpγ is the Credit Assessment Volume for each New or Adjusted Participant in respect of its Supplier Units for the Imbalance Settlement Periods γ;
				3. QUPEBpg is the Billing Period Undefined Potential Exposure Quantity for Standard Participant p in respect of all its Supplier Units v in Undefined Exposure Period g calculated in accordance with section G.14.7;
				4. $\sum\_{γ in g}^{} $is the summation across all Imbalance Settlement Periods γ in Undefined Exposure Period g;
				5. $\sum\_{Ω}^{} $is the summation across all Capacity Market Units Ω; and
				6. $\sum\_{p}^{} $is the summation across all Participants p.
		1. **Calculations for the Undefined Exposure Period for a New or Adjusted Participant in respect of its Generator Units or Assetless Units**
			1. The Credit Assessment Volume (VCAGpγ) for a New or Adjusted Participant p in Imbalance Settlement Period γ shall be a forecast of Imbalance relating to Daily Amounts in respect of the Participant's Generator Units based upon information provided by the Participant in accordance with paragraph G.12.4.2 or G.12.4.3 and used in the calculation of the Participant's Required Credit Cover.
			2. The Market Operator shall calculate the Exposure for Trading Payments and Trading Charges for the Undefined Exposure Period g for each New or Adjusted Participant p in respect of its Generator Units and Assetless Units (EUPEGpg) as follows:

$$EUPEG\_{pg}=PCA\_{g}×\sum\_{γ in g}^{}VCAG\_{pγ}$$

where:

* + - * 1. PCAg is the Credit Assessment Price for the Undefined Exposure Period g as calculated in accordance with section ;
				2. VCAGpγ is the Credit Assessment Volume for each New or Adjusted Participant for the Imbalance Settlement Period γ; and
				3. $\sum\_{γ in g}^{} $is a summation over Imbalance Settlement Periods γ in the Undefined Exposure Period g.
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* + - * 1. $$\_{}\sum\_{}^{}\sum\_{}^{}\_{}\frac{\_{}\_{}}{\left(\sum\_{}^{}\_{}\left(\sum\_{}^{}\left(\_{}\_{}\right)\right)\sum\_{}^{}\sum\_{}^{}\_{}\right)}$$

				$\sum\_{}^{}$$\sum\_{}^{}$$\sum\_{}^{}$
		1. **Intentionally Blank**

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G.14.8 Calculations in respect of Capacity Charges

* + - 1. A Standard Participant’s Exposure in respect of its Capacity Charges for its Supplier Units (EUPECCpg) for Undefined Exposure Period g shall be calculated by the Market Operator as follows:

$$EUPECC\_{pg}=\sum\_{γ in g}^{}\sum\_{Ω}^{}CCP\_{Ωγ}×\frac{QUPEB\_{pg}}{(\sum\_{p}^{}QUPEB\_{pg}\left(\sum\_{}^{}\_{}\_{}\right)+\sum\_{p}^{}\sum\_{γ in g}^{}VCAS\_{pγ})}$$

where:

* + - * 1. CCPΩγ is the Capacity Payment for Capacity Market Unit Ω in Imbalance Settlement Period γ calculated in accordance with section F.17;
				2. QUPEBpg is the Billing Period Undefined Potential Exposure Quantity for Participant p in respect of all its Supplier Units v in Undefined Exposure Period g calculated in accordance with paragraph G.14.7.6;
				3. VCASpγ is the Credit Assessment Volume for each New or Adjusted Participant in respect of its Supplier Units for the Imbalance Settlement Periods γ;
				4. $\sum\_{γ in g}^{} $is the summation across all Imbalance Settlement Periods γ in Undefined Exposure Period g;
				5. $\sum\_{Ω}^{} $is the summation across all Capacity Market Units Ω; and
				6. $\sum\_{p}^{} $is the summation across all Participants p.

**Part B Trading and Settlement Code Glossary;**

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| **Adjusted Participant** | means, in relation to the calculation of Required Credit Cover, a Participant as described in paragraph G.12.4.2. |

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| **Credit Assessment Volume** | means a forecast of Output or Demand in respect of a New or Adjusted Participant’s Supplier Units or Generator Units based upon information provided by the Participant and used in the calculation of the Participant’s Required Credit Cover calculated in accordance with paragraph G.14.3 or G.14.4. |

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| Variable | VCAGpγ | Credit Assessment Volume (Generators) | A forecast of Output in respect of the Generator Units of a New or Adjusted Participant, p, in an Imbalance Settlement Period, γ, based upon information provided by the Participant and used in the calculation of the Participant’s Required Credit Cover. | MWh |

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| Variable | VCASpγ | Credit Assessment Volume (Suppliers) | A forecast of Demand in respect of the Supplier Units of a New or Adjusted Participant, p, in an Imbalance Settlement Period, γ, based upon information provided by the Participant and used in the calculation of the Participant’s Required Credit Cover. | MWh |

**Part B Agreed Procedure 9;**

* 1. New Participants and Adjusted Participants
		1. New Participants

New Participants do not have any historical Settlement data which can be used as the basis for a statistical analysis of historical exposures in order to calculate Undefined Potential Exposure. Each New Participant shall provide forecast quantity data (i.e. Generation and/or Demand) to the Market Operator as part of the registration process set out in the Code and Agreed Procedure 1 “Registration”. This forecast data will be used in conjunction with the Credit Assessment Price to determine the Undefined Potential Exposure, as part of the Required Credit Cover.

The forecast quantities provided by New Participants will be evaluated against the Meter Data received from the relevant Meter Data Provider. If there is a significant difference between the Meter Data and the forecast quantities provided (i.e. the difference exceeding the Credit Cover Adjustment Trigger), the Market Operator shall calculate the Undefined Potential Exposure based on the Analysis Percentile Parameter of the known Meter Data against the Credit Assessment Price extrapolated across the future risk period. This assessment methodology will be used until there is sufficient historical data for the statistical analysis.

The procedural steps in relation to Required Credit Cover for a New Participant are set out at section 3.5 below.

* + 1. Adjusted Participant

An Adjusted Participant is a Participant whose Generation or Demand configuration has changed (i.e. increased or decreased) significantly from historical patterns (defined as the time-weighted average of Metered Demand quantities or Daily Amounts for Suppliers and Generators respectively across all of the four most recent Billing Periods). This could be due to, for example, acquisition of new assets, winning significant new customers in the retail market or a significant Generator planned outage. In such cases, statistical analysis of historical exposures may not be a valid indicator of future performance and the process for New Participants described at paragraph 2.11.1 above will be applied.

Participants who are expecting the time-weighted average with respect to its Supplier and/or Generator Units of metered quantities and/or Daily Amounts across all of the four most recent Billing Periods compared with forecasted averaged metered quantities and/or Daily Amounts with respect to its Supplier and/or Generator Units, in any of the next four Billing Periods, to increase or decrease by more in absolute terms than the Credit Cover Adjustment Trigger, are required to notify the Market Operator. In these cases the Market Operator shall use a Participant’s forecast Credit Assessment Volume to calculate the Participant’s Undefined Potential Exposure.

The procedural steps in relation to Required Credit Cover for an Adjusted Participant are set out at section 3.5 below.

#  LEGAL REVIEW

N/A

# IMPLEMENTATION TIMESCALE

It is proposed that this Modification is implemented on a Trading Day basis with effect from one Working Day after an RA Decision

# Appendix 1: Mod\_15\_17 : Credit Treatment for Adjusted participants

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| **MODIFICATION PROPOSAL FORM** |
| **Proposer***(Company)* | **Date of receipt***(assigned by Secretariat)* | **Type of Proposal***(delete as appropriate)* | **Modification Proposal ID***(assigned by Secretariat)* |
| **SEMO** | **28 November 2017** | **Standard** | **Mod\_15\_17** |
| **Contact Details for Modification Proposal Originator** |
| **Name** | **Telephone number** | **Email address** |
| **Christopher Goodman** |  | **Christopher.Goodman@sem-o.com** |
| **Modification Proposal Title** |
| **Credit Treatment for Adjusted Participants** |
| **Documents affected***(delete as appropriate)* | **Section(s) Affected** | **Version number of T&SC or AP used in Drafting** |
| **T&SC Part B****Glossary Part B****Agreed Procedures Part B** | **T&SC Part B;****G.12.4.3, G.14.1.2, G.14.1.3, G.14.3, G.14.3.1, G.14.3.2, G.14.3.3, G.14.4, G.14.4.1, G.14.4.2, G.14.5, G.14.5.1, G.14.5.2, G.14.6, G.14.6.1, G.14.8 and G.14.8.1****Glossary Part B;****Adjusted Participant, Credit Assessment Adjustment Factor and Variable FCAA****Agreed Procedures Part B;****2.11.2** | **Version 20** |
| **Explanation of Proposed Change***(mandatory by originator)* |
| The existing Trading and Settlement Code rules determine volumes for the Undefined Exposure Period for New Participants from a submitted forecast volume (Metered Demand for Suppliers and Imbalance for Generators). For Adjusted Participants the volume is based on a submitted Forecast Adjustment Factor which is applied to a Billing Period Undefined Potential Exposure Quantity which is calculated from actual Metered Demand for Supplier Units and a Billing Period Undefined Potential Exposure which is calculated from actual cash flows for Generator Units.This proposal seeks to apply the New Participant approach for Adjusted Participants since the I-SEM system design currently treats both New and Adjusted Participants based on forecast volumes of Demand and Imbalance for Supplier and Generator Units respectively as is the current practice under Part A of the Code.This will require Adjusted Participants to submit a forecast volume rather than an adjustment factor which will then be applied to credit calculations using the same approach as is applied for New Participants. Either approach is expected to deliver similar outcomes but the proposed approach avoids significant system changes. |
| **Legal Drafting Change***(Clearly show proposed code change using* ***tracked*** *changes, if proposer fails to identify changes, please indicate best estimate of potential changes)* |
| **Part B Trading and Settlement Code;**G.12.4.3 Where a Participant becomes an Adjusted Participant, it shall notify the Market Operator of its forecast value of its Metered Demand and/or Imbalance for its Supplier Units and/or Generator Units respectively. The forecast values notified by an Adjusted Participant shall represent the forecast of its average Metered Demand or forecasted Imbalance which will be applied in the calculations for Required Credit Cover. Each Adjusted Participant shall provide such additional information to the Market Operator as provided for pursuant to Agreed Procedure 9 “Management of Credit Cover and Credit Default” to enable the Market Operator to calculate revised values of Required Credit Cover in accordance with this Chapter G (Financial and Settlement).* 1.
	2. 1. 1. The Undefined Potential Exposure for each New or Adjusted Participant in respect of its supplier units shall be based on the product of the Participant’s Credit Assessment Volume and the Combined Credit Assessment Price.
			2. The Undefined Potential Exposure for each New or Adjusted Participant in respect of its Generator Units shall be based on the product of the Participant’s Credit Assessment Volume and the Credit Assessment Price.
		2.
		3. Calculations for the Undefined Exposure Period for a New or Adjusted Participant in respect of its Supplier Units
			1. The Credit Assessment Volume for a New or Adjusted Participant p (VCASpγ) shall be a forecast of Metered Demand in respect of a New or Adjusted Participant's Supplier Units based upon information provided by the Participant in accordance with paragraph G.12.4.2 or G.12.4.3 and used in the calculation of the Participant's Required Credit Cover.
			2. The Market Operator shall calculate the Exposure for Trading Charges for the Undefined Exposure Period for each New or Adjusted Participant p in respect of its Supplier Units (EUPESpg) as follows:

$$EUPES\_{pg}=CCAP\_{g}×\sum\_{γ in g}^{}VCAS\_{pγ}$$where:* + - * 1. CCAPg is the Combined Credit Assessment Price for the Undefined Exposure Period g calculated in accordance with G.14.2.6;
				2. VCASpγ is the Credit Assessment Volume for each New or Adjusted Participant for the Imbalance Settlement Period γ; and
				3. $\sum\_{γ in g}^{} $is a summation over Imbalance Settlement Periods γ in the Undefined Exposure Period g.
			1. A New or Adjusted Participant’s Exposure in respect of its Capacity Charges for its Supplier Units (EUPECCpg) shall be calculated by the Market Operator as follows:

$$EUPECC\_{pg}=\sum\_{γ in g}^{}\sum\_{Ω}^{}CCP\_{Ωγ}×\frac{\sum\_{γ in g}^{}VCAS\_{pγ}}{(\sum\_{p}^{}QUPEB\_{pg}\left(\sum\_{}^{}\_{}\_{}\right)+\sum\_{p}^{}\sum\_{γ in g}^{}VCAS\_{pγ}) }$$where: * + - * 1. CCPΩγ is the Capacity Payment for Capacity Market Unit Ω in Imbalance Settlement Period γ;
				2. VCASpγ is the Credit Assessment Volume for each New or Adjusted Participant in respect of its Supplier Units for the Imbalance Settlement Periods γ;
				3. QUPEBpg is the Billing Period Undefined Potential Exposure Quantity for Standard Participant p in respect of all its Supplier Units v in Undefined Exposure Period g calculated in accordance with section G.14.7;
				4. $\sum\_{γ in g}^{} $is the summation across all Imbalance Settlement Periods γ in Undefined Exposure Period g;
				5. $\sum\_{Ω}^{} $is the summation across all Capacity Market Units Ω; and
				6. $\sum\_{p}^{} $is the summation across all Participants p.
		1. **Calculations for the Undefined Exposure Period for a New or Adjusted Participant in respect of its Generator Units or Assetless Units**
			1. The Credit Assessment Volume (VCAGpγ) for a New or Adjusted Participant p in Imbalance Settlement Period γ shall be a forecast of Imbalance relating to Daily Amounts in respect of the Participant's Generator Units based upon information provided by the Participant in accordance with paragraph G.12.4.2 or G.12.4.3 and used in the calculation of the Participant's Required Credit Cover.
			2. The Market Operator shall calculate the Exposure for Trading Payments and Trading Charges for the Undefined Exposure Period g for each New or Adjusted Participant p in respect of its Generator Units and Assetless Units (EUPEGpg) as follows:

$$EUPEG\_{pg}=PCA\_{g}×\sum\_{γ in g}^{}VCAG\_{pγ}$$where:* + - * 1. PCAg is the Credit Assessment Price for the Undefined Exposure Period g as calculated in accordance with section ;
				2. VCAGpγ is the Credit Assessment Volume for each New or Adjusted Participant for the Imbalance Settlement Period γ; and
				3. $\sum\_{γ in g}^{} $is a summation over Imbalance Settlement Periods γ in the Undefined Exposure Period g.
		1. **Intentionally Blank**

$$\_{}\_{}\_{}\_{}$$* + - * 1. $$\_{}\sum\_{}^{}\sum\_{}^{}\_{}\frac{\_{}\_{}}{\left(\sum\_{}^{}\_{}\left(\sum\_{}^{}\left(\_{}\_{}\right)\right)\sum\_{}^{}\sum\_{}^{}\_{}\right)}$$$\sum\_{}^{}$$\sum\_{}^{}$$\sum\_{}^{}$
		1. **Intentionally Blank**

$$\_{}\_{}\_{}$$* + 1.
		2. Calculations in respect of Capacity Charges
			1. A Standard Participant’s Exposure in respect of its Capacity Charges for its Supplier Units (EUPECCpg) for Undefined Exposure Period g shall be calculated by the Market Operator as follows:

$$EUPECC\_{pg}=\sum\_{γ in g}^{}\sum\_{Ω}^{}CCP\_{Ωγ}×\frac{QUPEB\_{pg}}{(\sum\_{p}^{}QUPEB\_{pg}\left(\sum\_{}^{}\_{}\_{}\right)+\sum\_{p}^{}\sum\_{γ in g}^{}VCAS\_{pγ})}$$where:* + - * 1. CCPΩγ is the Capacity Payment for Capacity Market Unit Ω in Imbalance Settlement Period γ calculated in accordance with section F.17;
				2. QUPEBpg is the Billing Period Undefined Potential Exposure Quantity for Participant p in respect of all its Supplier Units v in Undefined Exposure Period g calculated in accordance with paragraph G.14.7.6;
				3. VCASpγ is the Credit Assessment Volume for each New or Adjusted Participant in respect of its Supplier Units for the Imbalance Settlement Periods γ;
				4. $\sum\_{γ in g}^{} $is the summation across all Imbalance Settlement Periods γ in Undefined Exposure Period g;
				5. $\sum\_{Ω}^{} $is the summation across all Capacity Market Units Ω; and
				6. $\sum\_{p}^{} $is the summation across all Participants p.

**Part B Trading and Settlement Code Glossary;**

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| **Adjusted Participant** | means, in relation to the calculation of Required Credit Cover, a Participant as described in paragraph G.12.4.2. |

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**Part B Agreed Procedure 9;*** 1. New Participants and Adjusted Participants
		1. New Participants

New Participants do not have any historical Settlement data which can be used as the basis for a statistical analysis of historical exposures in order to calculate Undefined Potential Exposure. Each New Participant shall provide forecast quantity data (i.e. Generation and/or Demand) to the Market Operator as part of the registration process set out in the Code and Agreed Procedure 1 “Registration”. This forecast data will be used in conjunction with the Credit Assessment Price to determine the Undefined Potential Exposure, as part of the Required Credit Cover. The forecast quantities provided by New Participants will be evaluated against the Meter Data received from the relevant Meter Data Provider. If there is a significant difference between the Meter Data and the forecast quantities provided (i.e. the difference exceeding the Credit Cover Adjustment Trigger), the Market Operator shall calculate the Undefined Potential Exposure based on the Analysis Percentile Parameter of the known Meter Data against the Credit Assessment Price extrapolated across the future risk period. This assessment methodology will be used until there is sufficient historical data for the statistical analysis.The procedural steps in relation to Required Credit Cover for a New Participant are set out at section 3.5 below.* + 1. Adjusted Participant

An Adjusted Participant is a Participant whose Generation or Demand configuration has changed (i.e. increased or decreased) significantly from historical patterns (defined as the time-weighted average of Metered Demand quantities or Daily Amounts for Suppliers and Generators respectively across all of the four most recent Billing Periods). This could be due to, for example, acquisition of new assets, winning significant new customers in the retail market or a significant Generator planned outage. In such cases, statistical analysis of historical exposures may not be a valid indicator of future performance and the process for New Participants described at paragraph 2.11.1 above will be applied. Participants who are expecting the time-weighted average with respect to its Supplier and/or Generator Units of metered quantities and/or Daily Amounts across all of the four most recent Billing Periods compared with forecasted averaged metered quantities and/or Daily Amounts with respect to its Supplier and/or Generator Units, in any of the next four Billing Periods, to increase or decrease by more in absolute terms than the Credit Cover Adjustment Trigger, are required to notify the Market Operator. In these cases the Market Operator shall use a Participant’s forecast Credit Assessment Volume to calculate the Participant’s Undefined Potential Exposure.The procedural steps in relation to Required Credit Cover for an Adjusted Participant are set out at section 3.5 below. |
| **Modification Proposal Justification***(Clearly state the reason for the Modification)* |
| The approach detailed in this proposal would result in the same approach to Adjusted Participants as that applied under Part A and would avoid the need for system changes or complex manual workarounds to apply the new approach currently detailed in Part B.The expectation is that either approach will result in similar outcomes with Participants still able to adjust their undefined exposure when becoming an Adjusted Participant to avoid step changes in credit requirements under the approach detailed in this proposal. |
| **Code Objectives Furthered***(State the Code Objectives the Proposal furthers, see Section 1.3 of T&SC for Code Objectives)* |
| to facilitate the efficient discharge by the Market Operator of the obligations imposed upon it by its Market Operator Licences; This Modification enables the Market Operator to focus on delivering material obligations for I-SEM go-live (i.e. those which result in material settlement outcomes for Participants). |
| **Implication of not implementing the Modification Proposal***(State the possible outcomes should the Modification Proposal not be implemented)* |
| Not implementing this proposal would mean that the delivery of core market systems functionality for go live would be put at risk due to the requirement to deliver this less critical functionality. |
| **Working Group***(State if Working Group considered necessary to develop proposal)* | **Impacts***(Indicate the impacts on systems, resources, processes and/or procedures; also indicate impacts on any other Market Code such as Capacity Marker Code, Grid Code, Exchange Rules etc.)* |
| No | There is a small impact on Participants who would be required to submit forecast volumes rather than a forecast adjustment factor when they become and Adjusted Participant. |
| ***Please return this form to Secretariat by email to*** ***modifications@sem-o.com*** |