

Single Electricity Market

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| Modifications Committee Meeting MinutesMeeting 42clarion hotel,29 May 2012 10:15 – 14:00 |

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Document History

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| **Version** | **Date** | **Author** | **Comment** |
| 1.0 | 05 June 2012 | Modifications Committee Secretariat | Issued to Modifications Committee for review and approval |
| 2.0 | 12 June 2012 | Modifications Committee & Observers | Review of content by Modifications Committee complete, published track changed version on SEMO website and notified Market Participants. |
| 3.0 | 01 August 2012 | Modifications Committee Secretariat | Final version approved at Meeting 43 published on SEMO website. |

Distribution List

|  |  |
| --- | --- |
| **Name** | **Organisation** |
| Modifications Committee Members | SEM Modifications Committee |
| Modification Committee Observers | Attendees other than Modifications Panel in attendance at Meeting |
| Interested Parties | Modifications & Market Rules registered contacts |

Reference Documents

|  |
| --- |
| **Document Name** |
| [Trading and Settlement Code](http://semopub/MarketDevelopment/MarketRules/TSC.doc) and Agreed Procedures: Version 10.0 |
| Market Audit Report |
| [Mod\_03\_12 *Alignment of  TSC with revised VAT arrangements*](http://semopub/MarketDevelopment/ModificationDocuments/Mod_03_12_v2.docx), [Addendum](http://semopub/MarketDevelopment/ModificationDocuments/20120521%20Addendum%20to%20Joint%20Statement.doc) and [Presentation Slides](http://semopub/MarketDevelopment/ModificationDocuments/Meeting%2042%20Slides.ppt) |
| [Mod\_ 10\_12 Amendment to Appendix P to ensure correct treatment of Interconnector Unit Offer Data](http://semopub/MarketDevelopment/ModificationDocuments/Mod_10_12%20PQ%20Pairs.docx) and [Presentation Slides](http://semopub/MarketDevelopment/ModificationDocuments/Mod_10_12%20slides.ppt) |
| [Mod\_11\_12 *Proposal to extend the definition of Special Units to include Compressed Air Energy Storage*](http://semopub/MarketDevelopment/ModificationDocuments/Mod_11_12%20Gaelectric.docx) |
| [Mod\_12\_12 *Mandating adherence to the Bidding Code of Practice by all Price Maker Generator Units*](http://semopub/MarketDevelopment/ModificationDocuments/Mod_12_12%20Elastricity.docx) |
| [Mod\_13\_12 *Housekeeping 5*](http://semopub/MarketDevelopment/ModificationDocuments/Mod_13_12%20Housekeeping.docx) |

In Attendance

|  |  |  |
| --- | --- | --- |
| **Name** | **Company** | **Position** |
| **Modifications Committee**  |
| Aodhagan Downey | SEMO | SEMO Alternate |
| Brian Mongan | AES Kilroot | Generator Alternate |
| Clive Bowers | CER | CER Alternate |
| Denis Kelly | NIE T&D | MDP Member |
| Derek Scully | Viridian P&E | Generator Alternate |
| Emeka Chukwureh | Airtricity | Supplier Alternate |
| Gerry Halligan | ESB Networks | MDP Member |
| Gill Bradley | ESBI | Generator Alternate |
| Jill Murray-Chair | Bord Gáis | Supplier Member |
| Jody O’ Boyle | NIAUR | RA Alternate |
| Julie Anne Hannon | Bord Gáis | Supplier Alternate |
| Mary Doorly | IWEA  | Generator Alternate |
| Niamh Delaney | SEMO | MO Member |
| Michael Preston  | SONI | TSO Member |
| Niamh Quinn  | ESBI | Generator Member |
| Sean Doolin | Electric Ireland | Supplier Alternate |
| Sheenagh Rooney | CER | RA Member |
| Siobhan McHugh | EirGrid | TSO Alternate |
| William Steele | Power NI | Supplier Member |
| **Secretariat** |
| Aisling O'Donnell | SEMO | Secretariat |
| Sherine King | SEMO | Secretariat |
| **Observers** |
| Alison Wilson | Power NI | Observer |
| Andrew Waghorn | Deloitte | Observer |
| Brian Kennedy | Gaelectric | Observer |
| Colin Spain | Gaelectric | Observer |
| Daniel Fahy | SEMO | Observer |
| David Harpur | Deloitte | Observer |
| Grainne O’ Shea | ESB PG | Observer |
| Juliet Corbett | DETI | Observer |
| Karol O’ Kane | ESB PG | Observer |
| Marguerite Larkin | Deloitte | Observer |
| Marian Troy | Endesa Ireland | Observer |
| Michael Bambrick | Empower Energy Systems Limited | Observer |
| Nuala Dunne | SEMO | Observer |
| Patrick Liddy | Activation Energy | Observer |
| Philip Hart | Elastricity | Observer |
| Sinead O’ Hare | NIE Energy PPB | Observer |
| Walter Carlton | Deloitte | Observer |

# Market Audit results

Deloitte representatives presented slides on the findings of the Market Audit. The outcome is a clean audit report where they have provided full assurance. Two significant issues regarding Calculation of Currency Cost and Oracle Database Corruption were identified. The Market Audit Opinion was as follows; “During the period from 1 January 2011 to 31 December 2011 the Single Electricity Market Operator (SEMO) and the Interconnector Administrator (IA) have, in all material respects, complied with the Code and relevant Agreed Procedures as defined in the “Terms of Reference for the 2011 Market Audit” published by the Regulatory Authorities on 19 September 2011.

# SEMO Update

Tracked changes published in version 2.0 of the Minutes from Meeting 41 held on 27 March 2012 were read and approved.

Secretariat advised that the annual elections will be commencing in July. The following membership position terms are expiring:

|  |  |  |
| --- | --- | --- |
| **Position Expiring** | **Member** | **Company** |
| Generator Member | Ian Luney | AES |
| Supplier Member | Iain Wright | Airtricity |
| Supplier Member | Killian Morgan | ESB Electric Ireland |
| Generator Member  | Niamh Quinn | ESBI |

The Secretariat Programme of Work was acknowledged, see appendix 1 for further detail. An update on Modification Proposals “Recommended for Approval” without systems impacts awaiting RA Decision was provided by CER Member and Alternate.

SEMO representative presented the CMS update advising that the deployment for the July 2012 release (SEM R2.0.0) will include:

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|  **SEM R2.0.0 - July 2012 Release** |
| Mod\_18\_10 Intra-Day Trading  |
| Mod\_43\_10 Variable Price Taker Generator Units and Firm Access |

The scope for the October 2012 release (SEM R2.1.0) to the CMS is now closed. All approved Modifications Proposals as at the associated release cut-off date have been allocated to this release. The following seven Modification Proposals with Systems Impacts are included in scope:

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| **SEM R2.1.0 - October 2012 Release – Approved Modification Proposals** |
| Mod\_40\_10 | Differentiation between Dwell Times and Dwell Trigger Points while Ramping up and Ramping down  |
| Mod\_42\_10 | Changes to the Single Ramp-Up Rate and the Single Ramp-Down Rate calculation |
| Mod\_01\_11 | UI Payments for Generator Units |
| Mod\_06\_11 | Increasing maximum daily submission number and automating cancellation of Settlement Reallocation Agreements |
| Mod\_10\_11 | Interconnector Under Test |
| Mod\_12\_11 | Interconnector Unit Loss Adjustment when Exporting |
| Mod\_21\_11 | UI Payments for generator units constrained on |

SEMO Member advised that the release cut-off date for the April 2013 release to the Central Market Systems is: Friday, June 22nd, 2012. All approved Modifications Proposals will be allocated to this release (subject to available capacity). One Modification Proposal with Systems Impacts has received RA Approval for the April 2013 Release.

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|  **SEM R2.2.0 - April 2013 Release – Approved Modification Proposals** |
| Mod\_17\_11 Clarifying the requirement to provide Dispatch Instruction for Generator Units |

Supplier Alternate noted that during Market Trial a change in service regarding the Auction Management Platform (AMP) had become evident. SEMO noted the comment and advised the issue would be discussed with SEMO IT.

# Review of Actions

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| **Action Items from Meeting 41** |
| **Mod ID** | **Action** | **Comments** |
| Mod\_03\_12 Alignment of TSC with Revised VAT arrangements | * SEMO to work on detail of proposal for next Meeting
 | * Closed
 |
| Mod\_06\_12 Improved Efficiencies in LCF Process | * AP Notification to reflect Section 3.3.1 in the procedural steps and swimlanes, explicitly stating that fax can be utilised as a backup “if website is not possible”
 | * Closed
 |
| Mod\_07\_12 Testing Charge Calculation for the Interconnector Error Unit when Under Test | * FRR to include legal drafting change
 | * Closed
 |
| Mod\_09\_12 Treatment of Settlement Reruns of EP1 following MSP failure | * FRR to include wording that will reflect that Settlement Reruns will be specific to EP2 in Section 6.255
 | * Closed
 |

# Deferred Modification Proposals

## Mod\_03\_12\_v2 Alignment of tsc with revised vat arrangements

Proposer: SEMO

Proposer presented slides outlining the background to the original proposal and an overview of version 2 of the proposal. Proposer advised that the VAT Agreement Addendum was issued by HMRC on behalf of both VAT Authorities on 21st May 2012. Proposer advised that the wording in the Addendum requires that Suppliers are also treated for VAT based on the Participants place of establishment. It is possible for a Supplier to be established outside the jurisdiction of the unit. However Suppliers are still entitled to a VAT number in the unit jurisdiction, as they have transactions with consumers within the jurisdiction of the unit, therefore an interim solution like the one in place for Generators is not required for Suppliers. Proposer advised that SEMO IT had indicated that at this stage it would not be possible to implement the changes on the Supplier side in April 2013. Proposer stressed the fact that the VAT Authorities have insisted that the enduring solution for Generators must be in place by April 2013 and that they will not consider extending the existing interim solution.

Chair queried as to whether there is a possibility that a second Modifications Proposal on this issue would be raised in the future in order to address the issue of Suppliers. Proposer advised that the VAT Agreement Addendum states that place of establishment of the Participant must apply to both Generators and Suppliers and reiterated that the VAT authorities are insistent that the necessary accounting changes which impact on Generator Units must be included in the April 2013 release.

Chair queried as to whether incorporating both changes together and postponing the proposal is possible?

Proposer advised that this had been discussed, reiterating that the VAT Authorities are adamant that the Generator change must occur and that the workaround will be withdrawn in April 2013. Proposer advised that the VAT Authorities are of the view that the issue for Suppliers is less urgent than the issue for Generators. Proposer emphasised that the VAT Authorities will consider this matter and that as per the addendum; a date in the future will be agreed as to when the Supplier change will become effective.

SEMO Alternate advised that the proposal also removes Blended VAT from the rules.

Chair advised that in order for the proposal to reach the April 2013 CMS release deadline, it was necessary to approve the proposal at Meeting 42. Supplier Member stated that the Modifications Committee have little option but to approve the Modification Proposal.

RA Member advised that the RAs have an issue regarding the cost that will be incurred by the proposal, (€765k + testing). RA Member expressed the view that it was not an ideal position for the Modifications Committee to be in, to make a decision on such a significant change to the system within such a tight timeframe. RA Member advised that the SEM Committee Meeting (where Mod\_03\_12 will be discussed) will take place on 28th June, four days after the CMS April 2012 cut-off date of June 22nd. RA Member further advised that the RAs appreciate the considerable amount of work that has been done on the proposal and hope as much information as possible on cost can be provided in the FRR. RA Member further advised that it will be necessary to include detail on the negotiations that took place between SEMO, Deloitte and HRMC which have resulted in the current situation. RA Member advised that the SEM Committee need to be fully aware of the consequences if the SEMC were not to approve the proposal. The SEM Committee will also require further information on the implications for Suppliers of not being included in the April 2013 Release. RA Member expressed the view that it would have been more efficient to have included changes for Suppliers and Generators together and reiterated that the primary concern for the RAs is the level of cost incurred by implementing the proposal.

Chair queried as to when the Supplier issue will be dealt with. Proposer was not in a position to advise of a time where this would occur, however stated that to date, the VAT Authorities have been considerate of SEMO’s timelines. Proposer advised that SEMO will work with the VAT Authorities to see when the change for Suppliers can be implemented.

Actions

* N/A

Decision

* The proposal was Recommended for Approval

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| **Mod\_03\_12: Recommended for Approval by unanimous vote** |
| Brian Mongan | Generator Alternate  | Approve |
| Sean Doolin | Supplier Alternate | Approve |
| Derek Scully | Generator Alternate | Approve |
| Emeka Chukwureh | Supplier Alternate | Approve |
| Niamh Quinn | Generator Member | Approve |
| Mary Doorly | Generator Alternate | Approve |
| William Steele | Supplier Member | Approve |
| Jill Murray-Chair | Supplier Member | Approve |

# New Modifications Proposals

## I. Mod\_10\_12 Amendment to Appendix P to ensure correct treatment of Interconnector Unit Offer Data

 *Proposer: SEMO*

SEMO Member presented slides outlining the proposal. A scenario has been identified during System Integration Testing of the Intra Day Trading (IDT) design which is not accounted for in Mod\_18\_10\_V2 Intra-Day Trading and the associated Central Market System implementation. SEMO Member advised that the scenario described in the Modification Proposal is an unusual one and can be avoided if Participants are aware of it and ensure not to bid in this way (i.e. to ensure that they submit a PQ Pair in the top right quadrant of bidding in the case that they bid in the top left quadrant and their MIUIC is non-zero), or if they ensure that they have sufficient Credit Cover in place. SEMO Member provided results of the Impact Assessment as costing €43,660 excluding testing.

The Chair commented that in previous scenarios PQ Pairs had been cancelled, whereas in this scenario bids appear to be created. SEMO Member clarified that the proposal is not endeavouring to create bids; it is allowing bids which do not pose a credit exposure to SEM while excluding the credit exposure section.

Supplier Member raised a query regarding the timing of the proposal stating that IDT is going live in July 2012 without this change, therefore this issue could apply to Participants for a year until the change could be included in the next available release.

SEMO Member advised that this could be the case however, if the proposal was to be approved a discussion with the vendors would be held to ascertain whether it would be possible to incorporate it earlier given that that area of the system is undergoing significant change for IDT. However, there is no guarantee that it could be incorporated earlier.

Supplier Alternate raised a query relating to the submission of negative quantities and the intention to export. Supplier Alternate expressed concern that a trader could be exporting and importing at the same price. SEMO Member advised that the point raised was relating to the original design of the market and not specifically to the proposal.

Observer expressed preference of discarding bids rather than manipulating them. SEMO Member advised that this issue was documented during the IDT Working Groups. SEMO Member advised that although it would have been more straight-forward for SEMO to exclude all bids in the case where a Participant does not have sufficient Available Credit Cover and that this was the original design, but during the Working Groups the majority of Participants were in favour of retaining offers which did not pose a credit risk to SEM. .

Supplier Alternate commented that importing and exporting at same price shouldn’t be a possibility. Supplier Alternate advised that a scenario where a Participant would be importing and exporting at the same time would never arise.

SEMO Member advised that if the Participant has no intention of importing they should set their Maximum Interconnector Unit Import Capacity (MIUIC) to zero. Supplier Alternate advised that traders always set their MIUIC and MIUEC to the limits of their Active Interconnector Unit Capacity Holdings. SEMO Member advised that with the advent of IDT it would be necessary to set values for the MIUIC and MIUEC in EA2 and WD1 runs as there will be no Active Interconnector Unit Capacity Holdings associated with them and that in the current design of the SEM the MIUIC and MIUEC form part of the Interconnector Unit’s Commercial Offer Data.

Chair advised that it will be imperative for traders to be cognisant of this issue when trading.

IWEA Generator Alternate noted following a vote to reject the proposal that the decision was on the basis of cost.

Actions

* N/A

Decision

* The proposal was Recommended for Rejection.

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| **Mod\_10\_12: Recommended for Rejection by majority vote** |
| Brian Mongan | Generator Alternate  | Reject |
| Sean Doolin | Supplier Alternate | Reject |
| Derek Scully | Generator Alternate | Approve |
| Emeka Chukwureh | Supplier Alternate | Reject |
| Niamh Quinn | Generator Member | Reject |
| Mary Doorly | Generator Alternate | Reject  |
| William Steele | Supplier Member | Reject |
| Jill Murray-Chair | Supplier Member | Approve |

## II**.** [Mod\_11\_12](http://semopub/MarketDevelopment/ModificationDocuments/Mod_08_12%20MIUNs.docx)  Proposal to extend the definition of Special Units to include Compressed Air Energy Storage

 *Proposer: Gaelectric*

Proposer presented slides outlining the proposal. Proposer advised that the Proposed change is to extend the definition of Special Units to include Compressed Air Energy Storage Units. Proposer also provided an overview of how Compressed Air Energy Storage (CAES) units operate.

Observer queried as to why gas is necessary as an input?

Proposer clarified that in order for the air to be compressed into the cabin it must be cooled, likewise in order for it to be released on the generation side, gas is imperative to heat it. Proposer further advised this is the most efficient method.

Generator Alternate queried as to why CAES units are not proposed as being classed as straightforward Generator, further stating that in order to be classed as a Special Unit there must be a benefits to the market, such as Pumped Storage. Proposer advised that from a storage perspective. CAES would provide a benefit to the grid at no further cost to consumers.

Gaelectric Representative pointed out that CAES does bring significant system benefits and registering CAES as a Special Unit was in fact the best way to ensure that such system benefits were realised by the Grid and consumers. It was also pointed out that on this basis that UREGNI had supported the proposal.

Proposer clarified that given the storage component of the unit in addition to it being dual fuel, that CAES is best defined as a Special Unit. Observer queried as to whether CAES units will be dispatched. Proposer confirmed that this is the intention. Observer advised that this factor distinguishes CAES from traditional Generator Units.

MDP Member queried as to whether it was a commercial decision as opposed to a market decision to use electricity to suppress the air? Proposer confirmed that is was a commercial decision seen as the most effective mechanism.

Gaelectric representative highlighted that Gaelectric is seeking to compress air using an electric compressor sourced from excess wind on the grid. This is a proven technology and such a method ensures the optimum system benefits to the grid. There would be no technical merit in compressing with gas for this purpose and such a method would negate the benefits derived from CAES with respect to system benefits and stability.Chair sought clarification from Gaelectric as to what the proposal is seeking from the Committee. Proposer advised that discussions need to be held with SEMO to discuss the challenges and opportunities for these storage units in the market.

Generator Alternate stated that the Special Units section should not be technology specific, and it would lead to other technologies requesting a separate section within the Special Units.

Proposer clarified that the Pumped Storage section provides a precedent for technologies to be specifically registered in Special units under a dedicated section.

Gaelectric Representative stated that in order to address the challenges the future grid will face, new technologies will be required, each with unique characteristics.

Supplier Alternate suggested a Working Group to discuss all relevant issues on the topic.

Gaelectric representative further stated that to classify unique characteristics of CAES units as traditional Generators would not facilitate their optimum use in the market.

Generator Alternate queried that if the CAES unit can be dispatched when consuming electricity, is it an alteration of a Demand Side Unit (DSU) rather than a Special Unit.

Observer queried as to whether CAES would compress and conserve air seasonally or be dispatchable daily.

Gaelectric representative clarified that this is not the case and that the unit will dispatch as and when required to by the SO.

Observer commented that friction between the current market and future technologies appears to exist.

Gaelectric representative agreed with this and pointed out that certain other storage technologies were not suited for consideration in the T&SC as they were unproven and/or do not have the ability to operate effectively in the un-commitment market.

Chair commented that a wide reaching Working Group to discuss the issue in more detail and attain the relevant industry viewpoints was necessary. Gaelectric representative commented that it is necessary to explore the issue of registering CAES in the SEM and how they will be incentivised.

SEMO Alternate commented that there are changes being directed by the EU target model to the SEM. CER Alternate advised that given the impending changes, it may be useful to look at the alternatives.

Chair raised a query regarding what happens if the market does not change significantly in 2016 and progression of Modification Proposals has been stalled because of this.

CER Member advised that SEM has certain obligations to meet until 2016, further advising that it has been decided that work will continue to a certain point, but that no definitive decision has been made as to when. The Committee agreed to progress the proposal via a Working Group, the terms of reference to be drafted by the Secretariat and circulated to the Modifications Committee and Proposer for input. The Committee also suggested that Gaelectric look at the impacts of registering and the Market Rules as currently drafted.

Actions

* Working Group to be convened.

Decision

* The Modification Proposal was deferred pending a Working Group.

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| **Deferred** |

## III. [Mod\_12\_12](http://semopub/MarketDevelopment/ModificationDocuments/Mod_09_12%20ASRs.docx)  Mandating adherence to the Bidding Code of Practice by all Price Maker Generator Units

*Proposer: Elastricity*

Proposer presented background of proposal. Proposer advised that the proposal seeks to mitigate the inter-jurisdictional differences between ROI and NI regarding licensing of DSUs, by specifically mandating in the T&SC adherence to the Bidding Code of Practice (BCOP) for all Price Maker Generator Units. Proposer advised that the three options available are as follows:

* Change primary legislation in NI (which can take 3 years)
* Regulatory agreement
* To incorporate the bidding code of practice into the Code

CER Member stated that currently, the ultimate sanction for a Unit not complying by the Bidding Code of Practice is loss of licence.

SEMO Member advised that the Market Monitoring Unit (MMU), which enforces the BCOP is not referenced in the Code. CER Alternate stated that referencing the BCOP in the Code wouldn’t make any sense as the BCOP is part of the licence and must be considered and read along with the licence.

Proposer reiterated that that the intention of the proposal is that DSUs should possess the ability to trade in NI, as DSUs in ROI can.

CER Alternate advised that the decision regarding Mod\_36\_10 *Removal of connection between Supplier Units and DSUs* is still being considered in NI. CER Member advised that a decision was delivered in ROI so as not to delay DSUs from trading, while the issue in NI is still being deliberated.

CER Member stated that licensing is a function of DETI as opposed to NIAUR. Supplier Member advised that a change to the Supplier licence in NI can be implemented as soon as twenty days following Consultation.

Chair stated that the ultimate decision on this lies with the SEM Committee, further advising that the onus is on the RAs to approve something that will be equal to both jurisdictions. CER Member advised that CER and UR work together with UR to ensure anomalies such as these occur as minimally as possible.

Proposer expressed concern as to when the issue in NI will realistically be resolved.

Generator Alternate agreed that the issue in NI needs to be addressed however did not feel the Modification as proposed is the correct way to address it. The Committee noted its support for the proposer wishing to participate in the Market as a DSU and agreed that the only method of supporting the intention of the proposer was to reject the proposal and issue an FRR to the RAs reiterating the Committee support for Demand Side Participation in SEM.

Actions

* N/A

Decision

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| **Mod\_12\_12: Recommended for Rejection by unanimous vote** |
| Brian Mongan | Generator Alternate  | Reject |
| Sean Doolin | Supplier Alternate | Reject |
| Derek Scully | Generator Alternate | Reject |
| Emeka Chukwureh | Supplier Alternate | Reject |
| Niamh Quinn | Generator Member | Reject |
| Mary Doorly | Generator Alternate | Reject |
| William Steele | Supplier Member | Reject |
| Jill Murray-Chair | Supplier Member | Reject |

## V. [Mod\_13\_12](http://semopub/MarketDevelopment/ModificationDocuments/Mod_09_12%20ASRs.docx)  housekeeping 5

Secretariat advised that the proposal affected Sections 2, 4, Appendices, Glossary and Agreed

Procedure 1. Supplier Alternate queried as to whether the change in AP1 affecting the footnote of Section

2.3 Naming Conventions was correct, as the footnote states;

“Where “JJ” is a two character identifier for the Jurisdiction in which the Interconnector injection point

 resides”. Supplier Alternate advised that the identifier for the Republic of Ireland should remain RI and should not be changed to ROI as proposed. The Secretariat suggested addressing the concern by removing the AP1 change from the proposal pending verification of the change, addressing it in another housekeeping proposal if deemed necessary.

Actions

* Legal drafting of FRR to exclude AP1 change.

Decision

* The proposal was Recommended for Approval by Unanimous vote subject to legal drafting in the FRR.

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| **Mod\_13\_12: Recommended for Approval by unanimous vote**  |
| Brian Mongan | Generator Alternate  | Approve |
| Sean Doolin | Supplier Alternate | Approve |
| Derek Scully | Generator Alternate | Approve |
| Emeka Chukwureh | Supplier Alternate | Approve |
| Niamh Quinn | Generator Member | Approve |
| Mary Doorly | Generator Alternate | Approve |
| William Steele | Supplier Member | Approve |
| Jill Murray-Chair | Supplier Member | Approve |

## IV. AOB/Upcoming Events

The Secretariat advised that the Demand Side Vision Letter is in draft and under review by the Chair prior to issue to the SEMC.

Modifications Committee Meeting 43 will take place on 31st July in Belfast. (17th
July is the cut-off date for Modification Proposal submission).

# Appendices

## Appendix 1 - Secretariat Programme of Work

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| **Status as at 29 May 2012** |
| **FRRs ‘Recommended for Approval’ without systems impacts awaiting RA Decision** |
|  **Title** |  **Sections Modified** |  **Sent**  |
| Mod\_18\_11 Definition of ‘Availability’ | T&SC Glossary | 08 September 2011 |
| Mod\_16\_11Credit Worthiness Test for SEM Bank and Credit Cover Provider Banks | T&SC Section 4 | 27 February 2012 |
| Mod\_01\_12 Representation of Demand Side Participants on the Modifications Committee. | T&SC Section 2 | 03 May 2012 |
| **RA Decision Approved Modifications with System Impacts** |
|  **Title** |  **Sections Modified** |  **Effective Date** |
| Mod\_18\_10 Intra-Day Trading | T&SC Sections 2, 3, 4, 5, 6Appendices D, E, H, I, J, K, N, PAP 1, 2, 4, 6, 9, 10, 11, 13, 17 | July 2012 (11th Scheduled Release) |
| Mod\_34\_11 Transition to SEM Intra-Day Trading | T&SC Section 2.8, new Section 9 | 1 week prior to 11th Scheduled Release  |
| Mod\_01\_11 UI Payments for Generator Units | T&SC Section 4 | October 2012 |
| Mod\_40\_10 Differentiation between Dwell Times and Dwell Trigger Points while ramping up and ramping down | T&SC Appendix I,N,O | October 2012  |
| Mod\_42\_10 Changes to the Single Ramp Up Rate and the Single Ramp Down Rate Calculation | T&SC Section 5, Appendix H, I, N & Glossary | October 2012  |
| Mod\_43\_10 Variable Price Taker Generator Units & Firm Access | T&SC Section 5 | July 2012 (11th Scheduled Release) |
| Mod\_06\_11 Increasing Maximum Daily Submission Number and Automating Cancellation of Settlement Reallocation Agreements | AP 10 | October 2012 |
| Mod\_10\_11Interconnector Under Test | T&SC Section 5 | The first day of EWIC commissioning where power flows on the Interconnector.  |
| Mod\_12\_11 Interconnector Unit Loss Adjustment when Exporting | T&SC Section 4 | October 2012 |
| Mod\_21\_11UI Payments for generator units constrained on | T&SC Section 5 | October 2012 |
| Mod\_17\_11 Clarifying the requirement to provide Dispatch Instruction for Generator Units | T&SC Appendix O | April 2013 (TBC) |
| **RA Decision Approved Modifications without System Impacts** |
| Mod\_36\_10 Removal of connection between Supplier Units and DSUs | T&SC Section 2 & 5 | 04 April 2012 |
| Mod\_29\_11 Revision of Standard Letter of Credit Template | T&SC Appendix A | 09 January 2012 |
| Mod\_31\_11 Calculation of Estimated Energy Price (EEP) and Estimated Capacity Price (ECP) | T&SC Section 6 | 15 December 2011 |
| [Mod\_04\_11\_v2 Facilitating demand sites with an MEC less than 10MW to participate as part of a Demand Side Unit](http://semopub/MarketDevelopment/ModificationDocuments/Mod_04_11_v2.docx) | T&SC Section 5 | 09 February 2012 |
| Mod\_32\_11 Excess Cash Collateral Drawdown | Agreed Procedure 9 | 09 February 2012 |
| Mod\_33\_11 Temporary Exclusion of Interconnector Error Unit Testing Charges from Settlement Calculations  | T&SC Section 7 | The first day of EWIC commissioning where power flows on the Interconnector.  |
| Mod\_27\_11 Market Operator Solver Policy | T&SC Section 4, Glossary | 07 March 2012 |
| Mod\_05\_12 Cross Border Settlement Reallocation Calculations | T&SC Section 6 | 07 March 2012 |
| Mod\_23\_11Additional clause for Standard Letter of Credit | T&SC Section 5 | 07 March 2012 |
| [Mod\_02\_12 Amendment of Credit Cover requirements.](file:///D%3A/Documents%20and%20Settings/MODIFICATIONS2/Local%20Settings/Temp/Temporary%20Internet%20Files/Content.IE5/CKLGSHCE/Treatment%20of%20Settlement%20Reruns%20of%20EP1%20following%20MSP%20Failure) | T&SC Section 6; T&SC Appendix A  | 25 May 2012 |
| Mod\_07\_12 Testing Charge Calculation for the Interconnector Error Unit when Under Test | T&SC Section 5  | 25 May 2012 |
| [Mod\_09\_12 Treatment of Settlement Reruns of EP1 following MSP Failure.](file:///D%3A/Documents%20and%20Settings/MODIFICATIONS2/Local%20Settings/Temp/Temporary%20Internet%20Files/Content.IE5/CKLGSHCE/Treatment%20of%20Settlement%20Reruns%20of%20EP1%20following%20MSP%20Failure) | T&SC Section 6  | 25 May 2012 |
| **AP Notifications** |
| Mod\_30\_11 Assessment and Approval of Registration Data | AP1 | 23 December 2011 |
| Mod\_04\_12 Corporate Website Publication Times for Capacity Settlement Data | AP6 | 17 February 2012 |
| Mod\_06\_12\_Improved Efficiencies in LCF Process | AP7 | July 2012 (11th Scheduled Release) |
| Mod\_08\_12\_Calculation of Modified Interconnector Unit Nominations (MIUNs) for SEM Intra-Day Trading | AP2 | July 2012 (11th Scheduled Release) |
| **CMS cut-off date** |
| April 2013 CMS Release | RA Decision Approved Mods only | 22 June 2012 |
| **T&SC Version 11 - July 2012** |
| 13 approved Modification Proposals effective on the baseline pending implementation in Version 11.0 of the Code |