

Single Electricity Market

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| Modifications Committee Meeting MinutesMeeting 41Hilton hotel,27 March 2012 10:15 – 12:30 |

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Document History

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| --- | --- | --- | --- |
| **Version** | **Date** | **Author** | **Comment** |
| 1.0 | 03 April 2012 | Modifications Committee Secretariat | Issued to Modifications Committee for review and approval |
| 2.0 | 10 April 2012 | Modifications Committee | Review of content by Modifications Committee complete, published track changed version on SEMO website and notified Market Participants. |
| 3.0 | 30 May 2012 | Modifications Committee Secretariat | Approved at Meeting 42 on 29 March 2012 and 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 |
| [Mod\_01\_12\_v3: Representation of Special Units on the Modifications Committee](http://semopub/MarketDevelopment/ModificationDocuments/Mod_01_12_v3.docx) |
| [Mod\_02\_12\_v2: Amendment of Credit Cover requirements](http://semopub/MarketDevelopment/ModificationDocuments/Mod_02_12_v2.docx) |
| [Mod\_03\_12: Alignment of  TSC with revised VAT arrangements](http://semopub/MarketDevelopment/ModificationDocuments/Mod_03_12%20Alignment%20of%20%20TSC%20with%20revised%20VAT%20arrangements.docx) |
| [Mod\_06\_12\_v2: Improved Efficiencies in LCF Process](http://semopub/MarketDevelopment/ModificationDocuments/Mod_06_12_v2.docx) |
| [Mod\_07\_12:Testing Charge Calculation for the Interconnector Error Unit when Under Test](http://semopub/MarketDevelopment/ModificationDocuments/Mod_07_12%20IC%20Error%20Unit.docx) & [Presentation Slides](http://semopub/MarketDevelopment/ModificationDocuments/Mod%2007_12%2027March2012.ppt) |
| [Mod\_08\_12: Calculation of MIUNS for SEM IDT](http://semopub/MarketDevelopment/ModificationDocuments/Mod_08_12%20MIUNs.docx) & Presentation Slides |
| [Mod\_09\_12: Treatment of Settlement Re-runs of EP1 following MSP Failure](http://semopub/MarketDevelopment/ModificationDocuments/Mod_09_12%20ASRs.docx) |
| [CMS Slides](http://semopub/Publications/General/CMS%20Slides%20Meeting%2041.pptx) |

In Attendance

|  |  |  |
| --- | --- | --- |
| **Name** | **Company** | **Position** |
| **Modifications Committee**  |
| Aodhagan Downey | SEMO | SEMO Alternate |
| Clive Bowers | CER | CER Alternate |
| Denis Kelly | NIE T&D | MDP Member |
| Gerry Halligan | ESB Networks | MDP Member |
| Gill Bradley | ESBI | Generator Alternate |
| Ian Luney | AES Kilroot | Generator Member |
| Iain Wright-Chair | Airtricity | Supplier Member |
| Jean Pierre Miura | NIAUR | RA Member |
| Julie Anne Hannon | Bord Gáis | Supplier Alternate |
| Kevin Hannafin  | Viridian P&E | Generator Member  |
| Mary Doorly | IWEA  | Generator Alternate |
| Michael Preston  | SONI | TSO Member |
| Niamh Quinn  | ESBI | Generator Member |
| Sean Doolin | Electric Ireland | Supplier Alternate |
| Sonya Twohig | EirGrid | TSO Member |
| William Steele | Power NI | Supplier Member |
| **Secretariat** |
| Aisling O'Donnell | SEMO | Secretariat |
| Sherine King | SEMO | Secretariat |
| **Observers** |
| Bryan Murray | CER | Observer |
| Bryan Hennessy | Vayu | Observer |
| Dermot Barry | SEMO | Observer |
| Grainne O’ Shea | ESB PG | Observer |
| Jonathan Jennings | SEMO | Observer |
| Karen Shiels | NIAUR | Observer |
| Mark Gormley | SONI | Observer |
| Marian Troy | Endesa Ireland | Observer |
| Nicola Calvert | SONI | Observer |
| Nigel Hull | Viridian | Observer |
| Patrick Liddy | Activation Energy | Observer |
| Sinead O’ Hare | NIE Energy PPB | Observer |

# SEMO Update

Tracked changes published in version 2.0 of the Minutes from Meeting 40 held on 31 January 2012 were read and approved.

The following Committee Membership changes were announced:

|  |  |  |
| --- | --- | --- |
| **Position** | **New Alternate** | **Replaces** |
| NIAUR | Jody O’ Boyle | Jean Pierre Miura (Currently RA Member) |
| Supply | Julie-Anne Hannon (Bord Gáis Energy) | Joe Collins (Bord Gáis Energy) |

The Secretariat Programme of Work was acknowledged, see appendix 1 for further detail.

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:

|  |
| --- |
| **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 representative 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 |

# Review of Actions

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| --- | --- | --- |
| Mod\_01\_12: Representation of Demand Side Units on the TSC | * SEMO to work with proposer on content of proposal for next Meeting.
 | Complete-alternative version received. |
| Mod\_02\_12 Amendment of Credit Cover Requirements | * SEMO to work with proposer on legal drafting of proposal
 | Complete-alternative version received. |
| Mod\_03\_12 Alignment of TSC with Revised VAT arrangements | * SEMO to work on detail of proposal for next Meeting
 | Open-See deferred section for further detail |
| Mod\_06\_12 Improved Efficiencies in LCF process | * Working Group to be convened
* Participants to advise Secretariat of attendees for Working Group

**Working Group Actions:*** SEMO to provide clarification on legal issues around using email instead of fax.
* SEMO to investigate possibility of showing start and end times on the form on the website
* SEMO to provide details of timeline of implementation of new LCF process for Meeting 41
* SEMO to raise alternative version of proposal for Meeting 41
 | CompleteCompleteComplete- See deferred section for further detailComplete- See deferred section for further detailComplete- See deferred section for further detailComplete-alternative version received |

# Deferred Modification Proposals

## Mod\_01\_12\_v3 Representation of Special Units on the Modifications Committee

Proposer: Activation Energy

Proposer presented slides outlining background to proposal, and provided an overview of the changes proposed in the third version of the proposal. Proposer drew attention to Demand Side Vision 2020 paper issued by the RAs. MDP Member queried as to why the proposal is solely restricted to DSUs and doesn’t address representation of Special Units? Proposer advised that Special Units are largely comprised of Suppliers and Generators and that the issues facing large Generators and Suppliers resemble those facing smaller Generators and Suppliers, which is not the case for DSUs. MDP Member was in agreement with the introduction of DSU representation on the Committee, however felt that there are other smaller players that may also require representation. Generator Member queried as to how many DSUs are in the market? Proposer advised that currently there are none, however Activation Energy have applied for registration and are aware of up to five other DSUs that are seeking applications during the year. Generator Member queried as to whether the voting process during the annual election would be changed if approved? Secretariat advised that the voting process for DSUs would align with the process for Suppliers and Generators. Generator Member queried as to what would happen if there was a tied vote in the election? Secretariat advised that a re-vote would occur, and the RAs would be reverted to in the event of a subsequent tie. Chair advised of agreement with the sentiment of the proposal however does not feel that DSUs have been discriminated against in the past by the Modifications Committee. Generator Member advised that DSUs (or any Participant) have the opportunity to raise proposals and actively attend the meetings. Generator Member expressed the opinion that until more DSUs are in the market, it isn’t necessary to broaden Committee. Generator Member advised that the introduction of a seat for DSUs would be more appropriate if there was competition for the seat. Generator Member advised that other units could be established in the future which may require Modifications Committee representation and raised the issue of future-proofing. Proposer advised to review the situation when it arises and that future possibilities should not be stall the progression of the proposal.

Chair reiterated concerns regarding the lack of competition for the seat. Supplier Member voice agreement with proposer that the proposal should be considered at the Meeting and that other units that may need representation should be addressed as the demand arises. Generator Member queried as to what the definition of Demand Side Unit is? Secretariat advised that in the Code Participant is defined as “one or more demand sites which comply individually or collectively as appropriate with the criteria set out in paragraph 5.151 and is so registered by a Participant. A Demand Side Unit is classified as a Generator Unit under the Code”.

MO Alternate advised that if a definition of Special Units as opposed to Demand Side Participant was to be included, it may cause issues across the code, whereas Demand Side Participant should not.

NIAUR Member drew reference to the RA Demand Side Vision letter advising that any barriers to DSUs may be alleviated by a Demand Side Working Group, if it were to be established by the Committee. Chair was not agreeable to this and felt that the issue may be revisited if not addressed at the Meeting.

Chair referenced Section 2.150 of the Code and queried as to why the Committee constituency drafting was increased from fifteen members to no more than sixteen members when space for further members on the Committee exists currently? MO Alternate advised that it was deemed prudent to retain the existing space for further Members in the event that the RAs deemed it necessary to appoint new Members.

MO Alternate advised that no modifications to the minimum number or the quorum are proposed, therefore there will be no possibility of the Meeting being disbanded if the DSU representative was absent from a Meeting.

Chair commented that in Section 2.176 of the Code, the wording should be changed from less to fewer as it is more grammatically correct.

Actions

* N/A

Decision

* The proposal was Recommended for Approval (subject to legal drafting)

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| **Mod\_01\_12: Recommended for Approval by majority vote** |
| Julie-Anne Hannon | Supplier Alternate | Approve |
| Sean Doolin | Supplier Alternate | Reject |
| Ian Luney | Generator Member | Reject |
| William Steele | Supplier Member | Approve |
| Mary Doorly | Generator Alternate | Approve |
| Kevin Hannafin | Generator Member | Approve |
| Niamh Quinn | Generator Member | Reject |
| Iain Wright | Supplier Member | Approve |

## II. Mod\_02\_12\_amendment of credit cover requirements

*Proposer: Vayu Limited*

Supplier Member queried as to whether banks will facilitate a Letter of Credit (LOC) with the proposed wording? Supplier Member raised an additional query as to whether the SEM Bank can execute it if approved? MO Alternate advised that it sought advice in this regard and does not expect LOC providers to have any issue with the revised wording. In addition, it is satisfied that it would have no issue drawing down on a LOC based on the wording set out in Mod\_02\_12\_v2.

Actions

* N/A

Decision

* Recommended for Approval by Unanimous Vote

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| **Mod\_02\_12: Recommended for Approval by Unanimous Vote** |
| Julie-Anne Hannon | Supplier Alternate | Approve |
| Sean Doolin | Supplier Alternate | Approve |
| Ian Luney | Generator Member | Approve |
| William Steele | Supplier Member | Approve |
| Mary Doorly | Generator Alternate | Approve |
| Kevin Hannafin | Generator Member | Approve |
| Niamh Quinn | Generator Member | Approve |
| Iain Wright | Supplier Member | Approve |

## III. Mod\_03\_12\_Alignment of tsc with revised vat arangements

*Proposer: SEMO*

MO Alternate advised that it is necessary to modify VAT in the SEM in order to align with EU requirements. MO Alternate further advised that due to the extensive nature of the CMS changes required, the Impact Assessment came back at a cost of €611,000 (excluding testing). MO Alternate advised that it is SEMO’s intention to have the alternative version submitted for Meeting 42 on 29 May and to also provide more information in terms of final design to the systems and the VAT agreement. Chair queried as to which release the proposal will be included in if recommended for approval at Meeting 42. MO Alternate clarified that if recommended for approval at Meeting 42 and subsequently approved by the SEM Committee by the 22 June cut-off date, it will be included in the April 2013 release.

Actions

* N/A

Decision

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| **Deferred** |

## IV. Mod\_06\_12\_v2 improved efficiencies in lcf process

Proposer: SEMO

AP Only

Secretariat provided background of Modification Proposal advising that the proposal arose out of Mod\_18\_10 *Intra-Day Trading* as SEMO had concerns regarding the existing LCF process and increased likelihood of LCFs with increased numbers of gates which could cause MSP Software Run Cancellations. Secretariat advised that at Meeting 41 an action was placed to convene a Working Group for further discussion of the proposal. The Working Group was held on 21 January with four actions placed on SEMO. Secretariat advised that the recommendation of the Working Group was for SEMO to progress with submission of an alternative version for Meeting 41. MO Alternate provided an update on the open actions placed on SEMO at the Working Group:

1. SEMO to provide clarification on legal issues around using email instead of fax: MO Alternate advised that the use of email for submission of the Transaction Notification Form and the Authorised Users Details would require a secure channel and the introduction of security certificates. MO Alternate advised that the requirement for fax will always be required as a back up. MO Member further advised that if email was to be utilised, this would result in a duplication of the CMS systems.
2. SEMO to investigate possibility of showing start and end times on the form on the website: MO Alternate advised that currently the form used is a complete reflection of the MPI, and if SEMO were to start interpreting numbers entered into form that would be seen as validation. The Chair queried as to whether checks are carried out by SEMO? MO Alternate advised that no checks are done prior to the systems check. MO Alternate advised that it is preferable for SEMO that validation occurs only at one point in the systems, and that the onus is on the Participant to ensure that the data entered in is correct.
3. SEMO to provide details of timeline of implementation of new LCF process for Meeting 41: MO Alternate advised that work on the new LCF process is being carried out in parallel with the online query system that is currently being developed, with the intention is that it will be finalised in May 2012. MO Alternate advised that if it can be included into system that is currently being built the cost will be approximately €20,000. MO Alternate advised that if there are delays however, this cost may be subject to increase.

SEMO Alternate provided overview of proposed changes. Observer expressed concern that the swimlanes do not make the new process clear enough. Observer further advised that if the overview Section 3.3.1 was removed, the AP does not explicitly state that fax is still an option in the event that the SEMO website is not available. Observer advised that as LCFs are a rarity, thus there is a requirement for the diagrams to be as clear as possible in outlining the process to follow. MO Member was in agreement with observers suggestion, however advised that Participants must be prepared for an LCF in terms of their own processes.

Actions

* AP Notification to reflectSection 3.3.1 in the procedural steps and swimlanes, explicitly stating that fax can be utilised as a backup “if website is not possible”

Decision

* Recommended for Approval (subject to legal drafting)

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| **Mod\_06\_12: Recommended for Approval by Unanimous Vote** |
| Aodhagan Downey | MO Alternate  | Approve |
| Sonya Twohig | SO Member | Approve |
| Gerry Halligan | MDP Member  | Approve |
| Julie-Anne Hannon | Supplier Alternate | Approve |
| Sean Doolin | Supplier Alternate | Approve |
| Ian Luney | Generator Member | Approve |
| William Steele | Supplier Member | Approve |
| Michael Preston | SO Member | Approve |
| Denis Kelly | MDP Member | Approve |
| Mary Doorly | Generator Alternate | Approve |
| Kevin Hannafin | Generator Member | Approve |
| Niamh Quinn | Generator Member | Approve |
| Iain Wright | Supplier Member | Approve |

# New Modifications Proposals

## [Mod\_07\_12 Testing Charge Calculation for the Interconnector Error Unit when Under Test](http://semopub/MarketDevelopment/ModificationDocuments/Mod_07_12%20IC%20Error%20Unit.docx)

 *Proposer: EirGrid TSO*

Proposer presented the background of proposal. T&SC currently does not apply the testing tariff to a Generator Unit Under Test when the metered generation value is less than zero. In the case of the Interconnector Error Unit, this would preclude the testing tariff application when exporting energy under test.

The Modification Proposal proposes to clarify that the testing tariff will apply to any Interconnector Error Unit when Under Test for both importing and exporting.

Proposer advised that there is a drafting error in Section 5.180A where MGu’’h should read MGLFu’’h.

Chair commented that it would be possible to have the same tariff for import and export. SO Member was advised that the TSO are not in a position to allow for this at the moment.

Observer queried as to whether the import and export figures are netted?

SEMO Alternate advised that the net figure is taken from the Metered Generation of the Interconnector Error Unit therefore it is one figure.

Chair queried as to who pays the testing charge? SO Member advised that the Interconnector Owner pays.

Generator Member queried as to whether the charge will also apply to Moyle? SO Member confirmed that it will.

Actions

* FRR to include legal drafting

Decision

* Recommended For Approval

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| **Mod\_07\_12: Recommended for Approval by Unanimous Vote** |
| Julie-Anne Hannon | Supplier Alternate | Approve |
| Sean Doolin | Supplier Alternate | Approve |
| Ian Luney | Generator Member | Approve |
| William Steele | Supplier Member | Approve |
| Mary Doorly | Generator Alternate | Approve |
| Niamh Quinn | Generator Member | Approve |
| Iain Wright | Supplier Member | Approve |

## [Mod\_08\_12 Calculation of Modified Interconnector Unit Nominations (MIUNs) for SEM Intra-Day Trading](http://semopub/MarketDevelopment/ModificationDocuments/Mod_08_12%20MIUNs.docx)

 *Proposer: SEMO*

*AP only*

SEMO representative presented slides on the Modification Proposal, advising that SEM Intra-Day Trading (Mod\_18\_10\_v2) requires that:

* + MIUNs are fixed where possible in subsequent MSP Software Runs;
	+ Superposition is allowed; and
	+ There are three Gate Windows for each Trading Day.

SEMO representative advised that the proposed changes to Appendix 2 of Agreed Procedure 2 (where the specific MIUN calculation rules are summarised) are required to align with Mod\_18\_10\_v2.

SEMO Representative advised that the changes proposed align with the high-level design of Intra-Day Trading.

Supplier Alternate raised a query regarding point 4, questioning how the values will be reduced and why pro rata has been removed? SEMO representative advised that if pro rata was to be incorporated as previously the result would not be fixed for each MSP Software Run. Pro-Rata reduction will continue to be applied at a Gate Window level where applicable.

Supplier Alternate raised a query regarding the treatment of SO Trades, questioning why the rule requiring SO Trades to be reduced first has been removed.. SEMO representative advised that SO Trades will not be a factor in the calculation of MIUNs for Intra-Day Trading. SO Trades will be handled by a separate application under development by the System Operators..

Actions

* N/A

Decision

* Recommended for Approval

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| --- |
| **Mod\_08\_12: Recommended for Approval by Unanimous Vote** |
| Aodhagan Downey | MO Alternate  | Approve |
| Sonya Twohig | SO Member | Approve |
| Gerry Halligan | MDP Member  | Approve |
| Julie-Anne Hannon | Supplier Alternate | Approve |
| Sean Doolin | Supplier Alternate | Approve |
| Ian Luney | Generator Member | Approve |
| William Steele | Supplier Member | Approve |
| Michael Preston | SO Member | Approve |
| Denis Kelly | MDP Member | Approve |
| Mary Doorly | Generator Alternate | Approve |
| Kevin Hannafin | Generator Member | Approve |
| Niamh Quinn | Generator Member | Approve |
| Iain Wright | Supplier Member | Approve |

## [Mod\_09\_12 Treatment of Settlement Reruns of EP1 following MSP Failure](http://semopub/MarketDevelopment/ModificationDocuments/Mod_09_12%20ASRs.docx)

*Proposer: SEMO*

SEMO Alternate presented proposal advising that as part of the preparations for Intraday Trading, a review of Administered Settlement highlighted the need for a Code modification to clarify the requirements for Settlement Reruns after an Administered Settlement event. SEMO Alternate advised that the proposal seeks to update section 6.255 to clearly state that Settlement Reruns are only required for MSP Failures for EP2.

Chair expressed concern that the reference to Settlement Reruns only for EP2 is not clear enough in the proposal. Chair suggested to insert explicit reference to EP2 into Section 6.255.

Actions

* FRR to include wording that will reflect that Settlement Reruns will be specific to EP2 in Section 6.255

Decision

* Recommended for Approval subject to legal drafting.

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| **Mod\_09\_12: Recommended for Approval by Unanimous Vote** |
| Julie-Anne Hannon | Supplier Alternate | Approve |
| Sean Doolin | Supplier Alternate | Approve |
| Ian Luney | Generator Member | Approve |
| Kevin Hannafin | Generator Member | Approve |
| William Steele | Supplier Member | Approve |
| Mary Doorly | Generator Alternate | Approve |
| Niamh Quinn | Generator Member | Approve |
| Iain Wright | Supplier Member | Approve |

## IV. AOB/Upcoming Events

The Demand Side Vision Letter issued by the RAs to the Modifications Committee was discussed under AOB. Chair questioned whether the letter was asking the Committee to address issues outside of their remit. MO Alternate commented that to date there have been three DSU related Modification Proposals have been approved by the Modifications Committee. MO Alternate further advised that there has also been a number of Working Groups held on DSU related issues and a paper issued by SEMO on Demand Side Units in the SEM.

**Action: Secretariat to draft response to RA letter detailing work that has been carried out by Modifications Committee related to DSUs and issue to both Chair and Modifications Committee for review prior to submission to RAs.**

Modifications Committee Meeting 42 is scheduled for 29th May in Dublin. (15th May is the cut-off date for Modification Proposal submission).

# Appendices

## Appendix 1 - Secretariat Programme of Work

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| **Status as at 27 March 2012** |
| **FRRs ‘Recommended for Approval’ without systems impacts awaiting RA Decision** |
| Mod\_36\_10 Removal of connection between Supplier Units and DSUs | T & SC Section 2 & 5 | 22 February 2011 |
| 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 |
| **RA Decision Rejected Proposals** |
| Mod\_14\_11Pumped Storage Under Test | T & SC Section 5 | N/A |
| **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\_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 |
| **AP Notifications** |
| Mod\_04\_12 Corporate Website Publication Times for Capacity Settlement Data | AP6 | 17 February 2012 |
| **Working Groups** |
| Mod\_06\_12 Improved Efficiencies in LCF Process | WG1 Dublin | 21 February 2012 |
| **CMS cut-off date** |
| April 2013 CMS Release | RA Decision Approved Mods only | 22 June 2012 |
| **T&SC Version 11 - July 2012** |
|  9 approved Modification Proposals effective on the baseline pending implementation in Version 11.0 of the Code |