Single Electricity Market

INTRA-DAY TRADING: PLAIN ENGLISH DOCUMENT

MODIFICATION MOD_11_XX:

FUNCTIONAL GROUP 2

Table of Contents

Document History

Version	Date	Author	Comment
1.0	12 September 2011	SEMO	FG1+FG2+FG3 changes issued for review by Participants.
2.0	3 November 2011	SEMO	Entire Modification for review by Participants, reflecting FG2 comments and legal review.\n\nUpdated PED also reflects the change in baseline version of the Code from v9.0 to v10.0.

Distribution List

Name	Organisation

1   INTRODUCTION

During 2010, the RAs instigated the development of proposals in respect of Intra-Day Trading in the SEM. Through the Modifications Committee Working Groups, the High Level Design for Intra-Day Trading was developed and was recommended for approval by the Modifications Committee in Meeting 32.

The introduction of Intra-Day Trading in the SEM represents a major change in the market design. As a result, there will be a number of changes that will impact on the Trading and Settlement Code ("Code"), including:

- Bidding to multiple Gate Windows (EA1, EA2 and WD1) for the relevant Trading Day.
- Restriction of Interconnector Unit bidding in the EA1 Gate Window to Capacity Holders.
- Reallocation of unused Interconnector Capacity to any Interconnector Unit (with no requirement to be a Capacity Holder) in EA2 and WD1 MSP Software Runs.
- Different lengths of Trading Window for each Ex-Ante MSP Software Run:
  - EA1: entire Trading Day
  - EA2: entire Trading Day
  - WD1: second portion of the Trading Day
- Fixing of Interconnector Unit capacity allocations from EA1 MSP Software Run (MIUNs) in the EA2 MSP Software Run.
- Fixing of Interconnector Unit capacity allocations from EA1 MSP Software Run (MIUNs) and EA2 MSP Software Run (MIUNs) in the WD1 MSP Software Run.
- Changes to Credit Cover arrangements to ensure that the SEM remains as collateralised as possible.

This "Plain English Document" accompanies legal drafting for changes to the Code. Its purpose is to facilitate understanding of the legal drafting changes to the Code, in order that a single Modification Proposal may be discussed and approved via the Modifications Committee in late 2011.

2   SCOPE OF THIS DOCUMENT

In order to facilitate consideration of the proposed changes to the Code, SEMO will be developing and discussing changes in a number of key functional groups. Each functional group will have a Plain English Document (PED) and associated legal drafting, which will be considered via the Modifications Committee Working Group process.

Once the Plain English Documents (PEDs) have been considered and the legal drafting discussed via the Modifications Committee Working Group, SEMO will be producing a single Modification Proposal for discussion, vote and approval via a Modifications Committee meeting in late 2011.

The functional groupings in respect of SEM Intra-Day Trading are:

- **Functional Group 1** – Registration and Participant submissions
  - *FG1 Code and Agreed Procedure changes/additions are marked up as Tracked Changes, highlighted in the documents in yellow.*

- **Functional Group 2** – Other Data Transactions and MSP Software
  - *FG2 Code and Agreed Procedure changes/additions are marked up as Tracked Changes without highlighting.*

- **Functional Group 3** – Settlement and Credit Risk Management
  - *FG3 Code and Agreed Procedure changes/additions are marked up as Tracked Changes, highlighted in the documents in cyan.*

This Plain English Document covers the following Functional Group:
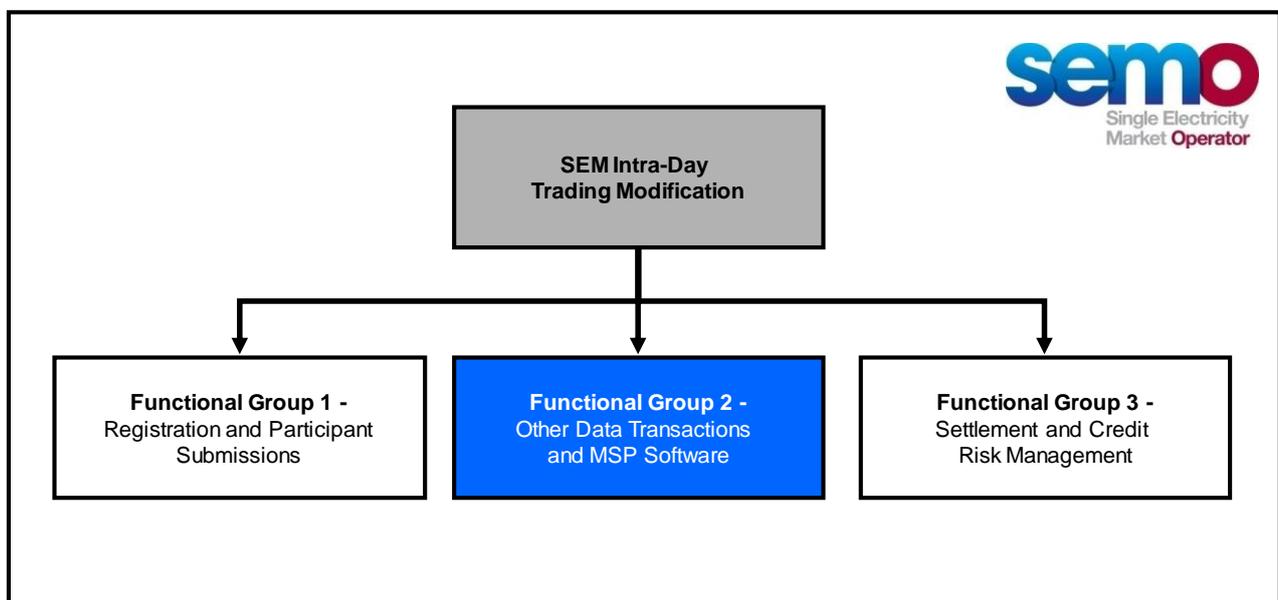
Figure 1 : Scope of this PED

Functional Group 2 covers the following sections of the Code:

Group Name	Sections Included
Other Data Transactions and MSP Software	• Section 3 (Rules relating to Communications). • Section 4 (Submission and Transactions) • Section 5 (Interconnectors & bids/Data Transactions/MSP Software) • Section 6 (New provisions for Required Credit Cover Query) • Appendix D (Scope of Agreed Procedures) • Appendix E (Publications) • Appendix J (Market Operator and System Operator Data Transactions) • Appendix K (Data Transactions) • Appendix N (Operation of the MSP Software) • Agreed Procedure 2 (Treatment of Interconnector re: Intra-Day Trading). • Agreed Procedure 6 (Publication and Reporting). • Agreed Procedure 11 (Market System Operation, Testing, Upgrading and Support) • Agreed Procedure 13 (Query Generation)

3   STRUCTURE OF THIS DOCUMENT

Each Plain English Document has the following key sections:

- **Key Definitions**   Describes the new or amended definitions required for the relevant Functional Group.

- **Description of Changes**   By section of the Code (including Appendices and Agreed Procedures), and for each proposed change, defines:

    - PED Reference (unique reference to aid review and discussion).

    - Change Type (New – N, Amend – A, Delete – D).

    - Code paragraph(s) (in respect of Version 10.0 of the Code)[1].

    - Description (brief explanation of the proposed change).

    - Reference to relevant section(s) of the High Level Design for Intra-Day Trading (if any).

- **Appendices**   Where required to support context and understanding of the Plain English Document, additional detail is included within appendices.

---

[1] *Unless stated otherwise or a new paragraph, the primary reference is the existing v9.0 Code paragraph numbering. Where the reference numbering has been changed by the IDT Modification, the revised reference is also shown in parentheses – e.g. 5.160 (now 5.157).*

4   KEY DEFINITIONS

This section details the definitions of all key terms which have either been introduced or amended in the Intra-Day Trading Modification and belong to Functional Group 2.

All new variables and subscripts (if any) are also listed.

4.1   NEW DEFINITIONS

Term	Definition
Contingency Data	means, in respect of certain Data Transactions, the data that is used when a Data Transaction is not Accepted by the Market Operator in accordance with the required submission timescales,as set out in Appendix K.2.
Interconnector Dispatch Schedule Data Transaction	means the Data Transaction as defined in Appendix J.22, containing the set of Output values and associated times for an Interconnector, calculated by the Market Operator in the Modified Interconnector Unit Nominations calculation, in accordance with Agreed Procedure 2 "Interconnector Unit Capacity Right Calculation and Dispatch Notifications".
Market Operator Performance Report	means a report prepared by the Market Operator and provided to the Regulatory Authorities, in accordance with paragraph 2.144.
MIUN Calculation Batch Identifier	means a unique identifier of a single set of data used as an input to the MIUN Calculator as part of a calculation of Modified Interconnector Unit Nominations for a Trading Day.
MIUN Calculator	means the software used by the Market Operator to determine the Modified Interconnector Unit Nominations, Interconnector Dispatch Schedule, Interconnector Unit Dispatch Schedule and Profiled SO Interconnector Trades.
MSP Software Run	means the operation of the MSP Software used by the Market Operator to determine Market Schedule Quantities for each Price Maker Generator Unit and to determine the System Marginal Price for each Trading Period as provided for in Appendix N.
MSP Software Run Cancellation	means, in respect of a particular MSP Software Run Type for a specific Trading Day, the determination by the Market Operator that the conditions which require that the MSP Software Run Type shall not be performed are met.
Required Credit Cover Query	means a query by a Participant in respect of the inputs to, or calculation of, its Required Credit Cover in accordance with paragraphs 6.77A to 6.77E.
Utilised	means, in respect of a particular MSP Software Run Type for a Trading Day, the data that was used by the Market Operator to produce the associated Market Schedule Quantities, where the particular MSP Software Run was successfully completed and no MSP Software Run Cancellation was determined.

4.2 AMENDED DEFINITIONS

Term	Definition
Accepted	means, in relation to data submitted by a Participant, that data which the Market Operator is required to use under Section 3 of the Code either because (i) it is the most recently received Validated Data Transaction and is consistent with the appropriate Gate Window Closure or (ii) the Market Operator is required to use Default Data in accordance with Section 3.
Actual Output	means the Active Power produced by a Generator Unit at the Export Point.
Maximum Export Available Transfer Capacity	means the maximum Available Transfer Capacity for export out of the Pool for the relevant Interconnector, as set out in paragraph 5.43.
Maximum Import Available Transfer Capacity	means the maximum Available Transfer Capacity for import into the Pool for the relevant Interconnector, as set out in paragraph 5.42.
MSP Failure	means the failure of the MSP Software to produce a Valid MSP Solution from an MSP Software Run.
MSP Software Run Type	means any one of the following types of run of the MSP Software: Ex-Ante One MSP Software Run, Ex-Ante Two MSP Software Run, Within Day One MSP Software Run, Ex-Post Indicative MSP Software Run or Ex-Post Initial MSP Software Run each of which is described and defined within Appendix N: "Operation of the MSP Software".
Preceding MSP Run	means, for any given Ex-Ante One MSP Software Run, Ex-Ante Two MSP Software Run or Within Day One MSP Software Run and the associated Optimisation Time Horizon, the most recent Valid MSP Solution which relates to the Optimisation Time Horizon starting one Trading Day earlier, or, for any given Ex-Post Indicative MSP Software Run or Ex-Post Initial MSP Software Run and the associated Optimisation Time Horizon, the most recent Valid MSP Solution which relates to the Optimisation Time Horizon starting one Trading Day earlier and which is of the same MSP Software Run Type.
Price Quantity Pair(s)	means pair(s) of Prices and Quantities for Generator Units submitted as part of Commercial Offer Data.

4.3 NEW VARIABLES

Name	Term	Subscripts	Units	Description

4.4 NEW SUBSCRIPTS

Subscript	Definition

5   DESCRIPTION OF CHANGES

5.1   SECTION 3

5.1.1   DESCRIPTION

Section 3 of the Code sets out the rules relating to communication of Data Transactions between Parties and the Market Operator.

5.1.2   DETAILED CHANGES

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_1	A	3.47	n/a	Excluding Contingency Data from the provisions which require the Market Operator to defer calculation and processing when required Data Transactions are not received.	Yes

5.2   SECTION 4

5.2.1   DESCRIPTION

Section 4 of the Code sets out the rules relating to the treatment of Units in respect of pricing, as carried out by the MSP Software.

The scope of changes in this document, as they relate to Intra-Day Trading, is limited to non Participant submissions (i.e. those by Interconnector Administrators, System Operators etc) and the application of data in the MSP Software. Submissions by Participants are addressed in Functional Group 1.

5.2.2   DETAILED CHANGES

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_2	A	4.35, 4.46, 4.47, 4.48, 4.49, 4.52, 4.52A, 4.53, 4.54, 4.58, 4.61, 4.75, ,	n/a	Minor typographical or formatting changes for increased clarity.	No

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_3	A	4.41, 4.42	n/a	Excluding TLAFs (4.41) and CLAFs (4.42) ,for Netting Generator Units as these are not provided by the TSOs.	No
PED_FG2_4	A	4.41	n/a	Clarification of the requirement to apply Interconnector TLAF to each IU, IEU and IRCU registered to the associated Interconnector.	No
PED_FG2_5	A	4.62	3.7	Clarification that each ex-ante (EA1, EA2, WD1) MSP Software Run shall be produced within 90 minutes of the corresponding Gate Window Closure.	Yes
PED_FG2_6	A	4.64	n/a	Timing of Ex-Post Initial MSP Run updated to match other references throughout the Code (17:00).	No
PED_FG2_7	N	4.82C	3.7.6	Subsection on Cancellation of MSP Software Runs. Enabling EA2 and WD1 MSP Software Runs to be Cancelled in the event that the conditions are satisfied.	Yes
PED_FG2_8	N	4.82D	3.7.6	Clarifying that EA1, EP1 and EP2 MSP Software Runs may not be Cancelled.	Yes
PED_FG2_9	N	4.82E	3.7.6	Conditions for Cancellation of an EA2 MSP Software Run.	Yes
PED_FG2_10	N	4.82F	3.7.6	Conditions for Cancellation of a WD1 MSP Software Run.	Yes
PED_FG2_11	N	4.82G	3.7.6	Clarifying the outcome as a result of Cancellation of an EA2 MSP Software Run.	Yes
PED_FG2_12	N	4.82H	3.7.6	Clarifying the outcome as a result of Cancellation of a WD1 MSP Software Run.	Yes

5.3 SECTION 5

5.3.1 DESCRIPTION

Section 5 of the Code covers rules for Special Units, including for Interconnector Units. The main change identified within Section 5 is the clarification of the submission of Commercial Offer Data and Technical Offer Data to different Gate Windows for Special Units.

5.3.2   DETAILED CHANGES

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_13	A	5.9, 5.21, 5.24, 5.28, 5.30, 5.62, 5.63, 5.67, 5.85 (now 5.82), 5.86 (now 5.83), 5.89 (now 5.86), 5.90 (now 5.87), 5.92 (now 5.89), 5.103 (now 5.100), 5.104 (now 5.101), 5.105 (now 5.102), 5.106 (now 5.103), 5.107 (now 5.104), 5.108 (now 5.105), 5.131 (now 5.128), 5.132 (now 5.129), 5.133 (now 5.130), 5.134 (now 5.131), 5.135 (now 5.132), 5.136 (now 5.133), 5.137 (now 5.134), 5.138 (now 5.135), 5.140 (now 5.137), 5.141 (now 5.138), 5.146 (now 5.143), 5.148 (now 5.145), 5.164 (now 5.161), 5.165 (now 5.162), 5.167 (now 5.164), 5.180 (now 5.177), 5.181 (now 5.178), 5.184 (now 5.181), 5.195 (now 5.1912)	n/a	Minor typographical changes for increased clarity. Updated existing references and/or included references to new clauses, where applicable.	No
PED_FG2_14	A	5.22	3.7	Clarification that the provision applies to each EA1, EA2 and WD1 MSP Market Schedule.	Yes
PED_FG2_15	A/N	5.27	3.7.1, 3.7.2, 3.7.3	Clarifying that for a VPTG the MSQ shall be min(Nomination(or Wind Forecast), Forecast Availability)) for each of the Ex-Ante One, Ex-Ante Two and Within Day One MSP Software Runs.	Yes
PED_FG2_16	A/N	5.31,	3.7.1, 3.7.2, 3.7.3	Clarifying that for a PPTG the MSQ shall be based on min(Nominated Quantity, Forecast Availability) in each of the Ex-Ante One, Ex-Ante Two and Within Day One MSP Software Runs.	Yes

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_17	A	5.35 (now 5.32), 5.36 (now 5.33)	n/a	Paragraphs moved to the top of the "Interconnector" section as they relate to all types of Interconnector Unit.	No
PED_FG2_18	N	n/a	n/a	New subheadings for provisions in respect of IRCU and IEU.	No
PED_FG2_19	A	5.32 (now 5.34), 5.33 (now 5.35), 5.34 (now 5.36)	n/a	Renumbered due to restructuring	No
PED_FG2_20	A	5.43 (now 5.40)	3.5.2	Moved after paragraph 5.39 and amended to enable submission of ATC at any time, in accordance with Appendix K. This will enable the latest ATC to be used in EA2 and WD1 MSP Software Runs.	Yes
PED_FG2_21	A	5.40 (now 5.41)	3.9	Clarification that the MO will publish ATC data each time it is received (as ATC is now used in MSP Software Runs).	Yes
PED_FG2_22	A	5.41 (now 5.42), 5.42 (now 5.43)	n/a	Renumbered as a result of paragraph move.	No
PED_FG2_23	A	5.44	3.5.2	Amended to require submission of Active Capacity Holdings prior to the EA1 Gate Window Closure.	Yes
PED_FG2_24	A	5.47	3.9	Clarification that Active Interconnector Unit Capacity Holdings will be notified to Interconnector Users immediately after receipt.	Yes
PED_FG2_25	A/N	5.58, 5.58A (new), 5.58B (new)	3.7.1, 3.7.2, 3.7.3	Clarification of for which Interconnector Units the IUNs are determined from each relevant Ex Ante MSP Software Run (EA1, EA2 or WD1).	Yes
PED_FG2_26	A	5.59	3.7.1, 3.7.2, 3.7.3	Clarification that MIUNs will be calculated following the determination of any set of Ex Ante IUNs.	Yes
PED_FG2_27	A	5.59A	3.9	Amended to reflect the provision of MIUNs to Interconnector Users following any MIUN calculation.	Yes
PED_FG2_28	A	5.60	3.9	Amended to reflect the provision of AMIUNs to System Operators following any MIUN calculation.	Yes

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_29	A	5.62	3.8	Replacement of "Gate Closure" with "EA1 Gate Window Closure".	Yes
PED_FG2_30	A	5.68	n/a	Clarification that SO Interconnector Trades may only be conducted where the MIUNs for the relevant Trading Period have been determined.	Yes
PED_FG2_31	A	5.69	n/a	Removal of "after Gate Closure", as this is always before the receipt of AMIUNs.	No
PED_FG2_32	A	5.70	n/a	Dispatch Instruction and SO Interconnector Trades are submitted in different messages; hence, Data Transactions in the Code have been separated.	No
PED_FG2_33	A	5.72	n/a	Interconnector Units that do not submit COD will not have IUNs.	Yes
PED_FG2_34	A	5.75	3.7.1.2, 3.7.2.2, 3.7.3.2, 3.7.4.2, 3.7.5.2	Collates the setting of HOL and LOL for Interconnector Units in each MSP Software Run in a single table (Table 5.2).	Yes
PED_FG2_35	D	5.76, 5.77, 5.78	n/a	Existing paragraphs deleted, as now covered in Table 5.2.	No
PED_FG2_36	A	5.79 to 5.196	n/a	Renumbered due to removal of current clauses 5.76 to 5.78, with associated numeric references updated in all sections.	No
PED_FG2_37	A	5.79 (now 5.76)	n/a	Clarifying the Interconnector Units which will be represented in each MSP Software Run.	Yes
PED_FG2_38	A	5.80 (now 5.77)	n/a	Clarifying that the Market Schedule Quantity is calculated for the IUs for which COD have been Accepted in each Trading Period.	Yes
PED_FG2_39	A	5.101 (now 5.98)	n/a	Clarification that Appendix N describes the derivation of Energy Limit for Ex-Ante One, Ex-Ante Two and Within Day One MSP Software Runs.	Yes

5.4   SECTION 6

5.4.1   DESCRIPTION

Section 6 of the Code addresses Financial and Settlement aspects of the operation of the SEM, including those in respect of calculation of Settlement amounts and Credit Risk Management. Within FG2, the change to Section 6 of the Code relate solely to the introduction of provision which will allow Required Credit Cover Queries to be raised by Participants in respect of the calculation each Working Day of their Required Credit Cover.

5.4.2   DETAILED CHANGES

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_40	A	6.5	n/a	Clarifying the change in timing of the publication of the Trading Day Exchange Rate.	Yes
PED_FG2_41	A	6.25	n/a	Amended to align with the new definition of EFT (per legal review).	No
PED_FG2_42	N	Prior to new 6.77A	n/a	Insertion of Heading "REQUIRED CREDIT COVER QUERY"	No
PED_FG2_43	N	6.77A to 6.77E	n/a	Enabling the raising of Required Credit Cover Queries within defined timescales, and defines timescales within which the Market Operator will endeavour to resolve such queries.	Yes

5.5   APPENDIX D

5.5.1   DESCRIPTION

Appendix D of the Code describes the scope of the Agreed Procedures as part of the provisions of the Code. As part of the Intra-Day Trading changes, the scope of Agreed Procedure 13 needs to be updated.

5.5.2   DETAILED CHANGES

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_44	A	D.5, D.9	n/a	Reference updates to: D.5 (additional Appendix I references) and D.9 (additional references 6.200A – 6.200E)	Yes
PED_FG2_45	A	D.13	n/a	Broadening of scope to allow for the new Required Credit Cover Query.	Yes

5.6   APPENDIX E

5.6.1   DESCRIPTION

Appendix E of the Code describes the publication obligations under the Code.

5.6.2   DETAILED CHANGES

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_46	A	E.4, Table E.2 E.4, Table E.3 E.4, Table E.4 E.4, Table E.8 E.4, Table E.9	n/a	Minor typographical or formatting changes, plus standardisation of terms for increased clarity.	No
PED_FG2_47	A	E.4, Table E.1	n/a	System per Unit Regulation publication has been removed from Table E.1, as it is published annually and is already included in Table E.2.	No
PED_FG2_48	A	E.4, Table E.1	n/a	Forecast of Ex-Post LOLP moved to this table, as it is produced each day but is not tied to a particular MSP Software Run.	No
PED_FG2_49	A	E.4, Table E.2	n/a	"Maximum level of the Warning Limit" changed to "Default value of the Warning Limit", to be consistent with the remainder of the Code.	No

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_50	A	E.4, Table E.2	n/a	Loss of Load Probability Table added to this table, as it is updated annually and as required.	No
PED_FG2_51	A	E.4, Table E.2, E.4, Table E.3	n/a	Removal of section references, to be consistent with the remainder of the publications.	No
PED_FG2_52	A	E.4, Table E.3	n/a	Market Operator report is not clear, therefore a new term "Market Operator Performance Report" has been added.	No
PED_FG2_53	A	E.4, Table E.3	n/a	Clarification to show that the data publication of the Monthly Load Forecast also includes "assumptions".	No
PED_FG2_54	A	E.4, Table E.4	n/a	Amendment so that this table relates to publications that will be issued prior to the EA1 Gate Window Closure	Yes
PED_FG2_55	A	E.4, Table E.4	n/a	Change publication timing for Trading Day Exchange Rate to 17:00 TD-2.	Yes
PED_FG2_56	A	E.4, Table E.4	n/a	Change "Available Transfer Capacity" publication to 09:30 on TD-1, plus as updated.	Yes
PED_FG2_57	A	E.4, Table E.4	n/a	Change "Four Day Load Forecast" publication to 09:30 on TD-1, plus as updated.	Yes
PED_FG2_58	A	E.4, Table E.4	n/a	Change "Two Day Rolling Wind Power Unit Forecast aggregated by Jurisdiction"" publication to 09:30 on TD-1, plus as updated.	Yes
PED_FG2_59	A	E.4, Table E.5	n/a	Change timing to "Updated daily following the EA1 Gate Window Closure and prior to the EA2 Gate Window Closure".	Yes
PED_FG2_60	A	E.4, Table E.5	3.9	Change existing SMP publication to "Ex-Ante One System Marginal Prices" with timing 11:00 TD-1.	Yes
PED_FG2_61	A	E.4, Table E.5	3.9	Change existing Shadow Price publication to "Ex-Ante One Shadow Prices" with timing 11:00 TD-1.	Yes

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_62	A	E.4, Table E.6	n/a	Change timing to "Updated daily following the EA2 Gate Window Closure and prior to the WD1 Gate Window Closure".	Yes
PED_FG2_63	A	E.4, Table E.6	3.9	Change existing SMP publication to "Ex-Ante Two System Marginal Prices" with timing 13:00 TD-1.	Yes
PED_FG2_64	A	E.4, Table E.6	3.9	Change existing Shadow Price publication to "Ex-Ante Two Shadow Prices" with timing 13:00 TD-1.	Yes
PED_FG2_65	A	E.4, Table E.7	n/a	Change timing to "Updated daily on the Trading Day, following the WD1 Gate Window Closure".	Yes
PED_FG2_66	A	E.4, Table E.7	3.9	Change existing SMP publication to "Within Day One System Marginal Prices" with timing 09:30 TD.	Yes
PED_FG2_67	A	E.4, Table E.7	3.9	Change existing Shadow Price publication to "Within Day One Shadow Prices" with timing 09:30 TD.	Yes
PED_FG2_68	N	E.4, Table E.8	3.9	Additional publications in relation to EA2/WD1 Gate Windows/MSP Software Runs for: • Commercial Offer Data • Technical Offer Data • MIUNs • Market Schedule	Yes
PED_FG2_69	A	E.4, Table E.8	n/a	Various items moved to be chronological or with related publications, but with no change to the actual publication. This affects: • Price-affecting meter data • Ex-Ante Indicative Operations Schedule • Generator Unit Technical Characteristics Data Transaction • Energy Limited Generator Unit Technical Characteristics Data Transaction • Ex-Post Indicative Market Schedule Quantity	No

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
				- Ex-Post Indicative SMPs - Ex-Post Indicative Shadow Prices - Daily Actual Load summary (D+1) - Nominal System Frequency - Average System Frequency - Net Inter-Jurisdictional Import for all available Trading Periods - Metered Generation - Credit Assessment Price for the Undefined Exposure Period for Billing Periods - Estimated Capacity Price for the Undefined Exposure Period for Capacity Periods - Ex-Post Indicative Dispatch Offer Price - Ex-Post Indicative Tolerance for Over Generation - Ex-Post Indicative Tolerance for Under Generation - Ex-Post Indicative Energy Payments to Generator Units - Indicative Loss-Adjusted Residual Error Volume - Indicative Aggregated Interval Net Demand - Indicative Aggregated Non Interval Net Demand - Daily Actual Load summary (D+4) - Ex-Post Initial SMPs - Ex-Post Initial Dispatch Offer Price - Ex-Post Initial Tolerance for Over Generation - Ex-Post Initial Tolerance for Under Generation - Ex-Post Initial Capacity Payments Weighting Factor	

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_70	A	E.4, Table E.8	n/a	Dispatch Instructions and SO Trades publications separated, as they are different reports and come from different Data Transactions.	No
PED_FG2_71	A	E.4, Table E.8	n/a	Clarification that REVLF, AIND and ANIND publications are Ex-Post.	No
PED_FG2_72	A	E.4, Table E.8	n/a	Change text "Daily Jurisdiction Error Supply MWh" to "Loss-Adjusted Net Demand for Error Supplier Units" which is the term that the Code uses.	No
PED_FG2_73	A	E.4, Table E.9	n/a	Change timing of publication of Aggregated Loss-Adjusted Settlement Net Demand ∑(SNDLF) for all Supplier Units post end of Capacity Period, from Five Working Days to Seven Working Days (by 12:00). This is required in order to ensure alignment with the other Initial Capacity Settlement publications.	No
PED_FG2_74	A	E.4, Table E.9	n/a	Change of Loss Adjusted" to "Loss-Adjusted" for various items.	No
PED_FG2_75	A	E.4, Table E.9	n/a	Clarification that CP, ECPWF, EM and Φ publications are Ex-Post.	No
PED_FG2_76	N	E.4	3.7.6	New Table E.10, containing publication of the Cancellation Report within 10 minutes of any MSP Software Run Cancellation.	Yes

5.7   APPENDIX J

5.7.1   DESCRIPTION

Appendix J defines the obligations on the Market Operator to provide various data to the System Operators. For Intra-Day Trading, the delivery of some Data Transactions (e.g. Aggregate MIUNs) for use in system operations will be more frequent due to additional MSP Software Runs being carried out.

5.7.2   DETAILED CHANGES

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_76	N	Prior to J.3	n/a	New sub-title for the paragraphs relating to Registration Data (J.3 to J.8)	No
PED_FG2_77	N	Prior to J.9	n/a	New sub-title for the existing paragraphs relating to Commercial Offer Data and Technical Offer Data (J.9 to J.11).	No
PED_FG2_78	A	J.9	n/a	Amended to relate to each Gate Window Closure.	Yes
PED_FG2_79	N	J.11	n/a	Qualification added to statement that Systems Operators shall not be required to validate any Offer Data – other than as set out in paragraph 3.42F (which requires SOs to approve or reject the submitted Validation Data Set).	No
PED_FG2_80	A	J.16 (now J.12)	n/a	Move of clause to be in the section relating to the provision of Commercial Offer Data.	No
PED_FG2_81	A	J.12 to J.18 (now contained within paragraphs J.12 to J.24).	n/a	Renumbered due to move of existing clause J.16 (now J12) and addition of new clauses J.15 to J.24.	No
PED_FG2_82	N	Prior to J.12 (now J.13)	n/a	New sub-title for the existing renumbered paragraphs relating to Suspension Orders (J.13 and J.14).	No
PED_FG2_83	N	Prior to new paragraph J.15	n/a	New sub-title for the new paragraphs J.15 and J.16 relating to Commencement Notice.	No
PED_FG2_84	N	J.15 to J.16 (new)	n/a	New paragraph J.15 reflects the existing obligation in paragraph 2.47. Paragraph J.16 clarifies that the System Operators shall not be required to validate any Commencement Notice.	No
PED_FG2_85	N	Prior to new Paragraph J.17	n/a	New sub-title for the new paragraphs relating to Interconnector Available Transfer Capacity (new J.17 and J.18).	No

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_86	N	New paragraphs J.17 to J.19	n/a	New paragraphs J.17 and J.18 detail the existing obligations in section 5. The associated Data Records are detailed in new Table J.1 (data content) and the Submission Protocol in new Table J.2 (responsibilities, timing, frequency, etc.). Paragraph J.19 clarifies that the System Operators shall not be required to validate any values of Interconnector ATC.	No
PED_FG2_87	N	Prior to J.14 (now J.20)	n/a	New sub-title for the paragraphs relating to Aggregate Modified Interconnector Unit Nominations (now J.20 and J.21).	No
PED_FG2_88	A	J.14 (now J.20)	n/a	Clarification that Aggregate MIUNs will be provided to the TSOs following each MIUN calculation (scheduled following all Ex-Ante MSP Software Runs and ad hoc). Added Data Transaction Tables J.3 and J.4 for content, timing, frequency, etc.	Yes
PED_FG2_89	A	J.15 (now J.21)	n/a	Renumbered from J.15. Also clarification of MIUN Data Transaction.	No
PED_FG2_90	N	Prior to new paragraph J.22	n/a	New sub-title for the paragraph relating to Interconnector Dispatch Schedule (J.22 new).	Yes
PED_FG2_91	N	J.22 (new)	n/a	Clarification that the Interconnector Dispatch Schedule will be provided to the TSOs following each MIUN calculation (scheduled following all Ex-Ante MSP Software Runs and ad hoc). Added Data Transaction Tables J.5 and J.6 for content, timing, frequency, etc.	Yes
PED_FG2_92	N	Prior to J.17 (now J.23)	n/a	New sub-title for the paragraph relating to Communication Channels (J.17, now J.23).	No

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_93	A	Prior to J.18 (now J.24)	n/a	Revised sub-title for the paragraph relating to Net Demand Adjustment Data (J.18, now J.24).	No
PED_FG2_94	A	J.18 (now J.24)	n/a	Correction of content of the Data Transaction and renumbering of the old Data Transaction Tables J.1 and J.2 to now be J.7 and J.8, respectively.	No

5.8 APPENDIX K

5.8.1 DESCRIPTION

Appendix K details various Data Transactions transferred to or from the Market Operator and System Operators, Interconnector Administrators and Interconnector Users. Under Intra-Day Trading, the timing of various Data Transactions needs to change, in order to align with the EA1, EA2 and WD1 Gate Window Closures.

A summary of the proposed changes to Appendix K are as follows:

- The volume of changes is not extensive, with the majority of inbound Data Transactions unchanged.

- A new section has been added detailing how the Market Operator shall use Contingency Data in the event that the Data Transaction is not received within the timescales in the Code. Five Data Transactions have been identified which are critical to the operation of the SEM under Intra-Day Trading: Four Day Load Forecast; Wind Power Forecast; Interconnector Available Transfer Capacity; Active Interconnector Unit Capacity Holding; and Modified Interconnector Unit Nominations. In each case default rules are specified regarding the use of Contingency Data in the event of non receipt of a Data Transaction. This has proved necessary given that the introduction of Intra-Day Trading will amplify the SEM's dependency upon the receipt of timely Data Transactions and reduce any existing latitude for data to be received late. In particular, in the case of each of the five Data Transactions identified above, at least one Data Transaction must be submitted prior to the EA1 Gate Window Closure.

- A new section has been added detailing the new data Transaction for 'Proposed Interconnector Trades', introduced as a result of the implementation of Intra-Day Trading.

- Modification of the Data Submission Protocol for the Four Day Load Forecast Data Transaction to reflect the need to submit the Associated Data Transaction by the new EA1 Gate Window Closure.

- Modification of the Data Submission Protocol for the Wind Power Unit Forecast Data Transaction to reflect the need to submit at least one Associated Data Transaction by 30 minutes prior to the new EA1 Gate Window Closure and the change in the frequency of Data Transactions to ensure that the latest Wind Forecast Data is always available.

- Modification of the Interconnector Available Transfer Capacity Data Transaction as necessary to align with the new EA1 Gate Window Closure.

- Modification of the Active Interconnector Unit Capacity Holding Data Transaction as necessary to align with the new EA1 Gate Window Closure.

- Subheadings have been added to improve the structure and readability of Appendix K.

- Some clarifications and tidy-ups of other selected obligations, which are unaffected by the introduction of Intra-Day Trading. These changes have only been made where absolutely necessary – i.e. existing text was materially inaccurate, or confusing.

5.8.2 DETAILED CHANGES

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_95	A	K.1, K.7, K.7A, K.8, K.10, K.11, K.12, K.13, K.14A, K.15, K.16, K.17, K.18, K.19, K.20	n/a	Minor typographical or formatting changes for increased clarity.	No
PED_FG2_96	N	Prior to K.1	n/a	Sub-heading 'Introduction' added	No
PED_FG2_97	N	Prior to K.2	n/a	Sub-heading 'Data Transactions' added to distinguish paragraphs K.2 to K.4.	No
PED_FG2_98	A	K.2	n/a	Correction of existing Data Transaction list by inclusion of 'Loss Adjustment Factors' and 'Interconnector Registration Data'.	No
PED_FG2_99	A	K.4	3.5.4	Paragraph which indicates that Contingency Data will apply.	Yes
PED_FG2_100	A	Prior to new paragraph K.4A	3.5.4	Sub-heading 'Contingency Data' added to distinguish paragraphs K.4A to K.6.	Yes
PED_FG2_101	N	K.4A (new)	3.5.4	List of Data Transactions to which Contingency Data will apply.	Yes
PED_FG2_102	N	K.4B (new)	3.5.4	Clarification that Contingency Data rules will not apply where Data Transactions do not appear in the list in paragraph K.4A.	Yes
PED_FG2_103	A	K.4C (new)	3.5.4	Includes a new table which summarises the Contingency Data that will apply for affected Data Transactions in respect of each relevant MSP Software Run.	Yes
PED_FG2_104	A	K.8	n/a	Data for non-physical Units is excluded from the required content of the Data Transaction.	No

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_105	A	K.9	n/a	Minor restructuring of information within and between Tables K.5 and K.6. Clarification in Table K.6 that the Data Transaction will only be provided where there are non-zero values. Also updated to clarify the content of the Data Transaction.	No
PED_FG2_106	A	K.14	n/a	Minor typographical changes to Table K.16, for increased clarity.	No
PED_FG2_107	A	K.14A	n/a	Minor typographical changes to the text in Table K.16B, for increased clarity.	No
PED_FG2_108	A	K.15	n/a	Addition of 'plus as updated' to frequency of data transactions in Table K.18. Minor typographical changes to the text.	No
PED_FG2_109	A	K.16	n/a	Addition of 'as updated' to frequency of data transactions in Table K.20	No
PED_FG2_110	A	K.17	3.5.1	Under Intra-Day Trading, the latest Load Forecast as Accepted will be used in the next MSP Software Run. As a result, at least one Data Transaction must be submitted prior to the EA1 Gate Window Closure, then will be submitted and utilised as updated.	Yes
PED_FG2_111	A	K.18	3.5.1	Under Intra-Day Trading, the latest Wind Power Unit Forecast as Accepted will be used in the next MSP Software Run.

As a result, at least one Data Transaction must be submitted prior to the EA1 Gate Window Closure, then, if in each case updated, at least once in each of the following two time windows: (1) after publication of the EA1 Market Schedule and prior to the EA2 Gate Window Closure; and (2) after publication of the EA2 Market Schedule and prior to the WD1 Gate Window Closure.

Table K.24 has been updated to reflect this changed process. | Yes |

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_112	A	K.21	3.5.2	Inclusion of a new Table K.29A: In order to support the MIUN calculation, values and associated time for each change in Maximum Import Available Transfer Capacity or Maximum Export Available Transfer Capacity are required in instances where an Interconnector Trip has occurred. Table K.30 provides clarification that at least one Interconnector Available Transfer Capacity Data Transaction will be submitted prior to the EA1 Gate Window Closure, and thereafter they will be submitted when changes occur.	Yes
PED_FG2_113	A	K.22	3.5.2	Active Interconnector Unit Capacity Holdings will be provided by the Interconnector Administrator prior to the EA1 Gate Window Closure and will then be provided by the Market Operator to Interconnector Users.	Yes

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_114	A	K.23	3.5.2	Modification of the submission times in Table K.34 to take account of the additional MSP runs under Intra-Day Trading. Data is to be submitted as available, with the last submission time for each scheduled run of the MSP software being: • Following the EA1 MSP Software Run: by 11:00 on the day prior to the relevant Trading Day. • Following the EA2 MSP Software Run: by 13:00 on the day prior to the relevant Trading Day. • Following the WD1 MSP Software Run: by 09:30 on the Trading Day. • Following the Ex-Post Indicative MSP Software Run: by 16:00 on the day after the relevant Trading Day. • Following the Ex-Post Initial MSP Software Run: by 17:00 four days after the relevant Trading Day.	Yes
PED_FG2_115	A	K.24	n/a	Clarification that the Forecast of Ex-Post Loss of Load Probability Data Transaction is provided by 16:25.	No

5.9 APPENDIX N

5.9.1 DESCRIPTION

Appendix N covers the operation of the MSP Software, including the processing involved, data utilised and constraints applied. For Intra-Day Trading, a number of changes are required:

• Different MSP Software runs for EA1, EA2 and WD1

  o Interconnector Unit limits based on Commercial Offer Data and Active Interconnector Unit Capacity Holdings for EA1.

  o Interconnector Unit limits based on Commercial Offer Data for EA2 and WD1

• Clarification of the data to be utilised in each MSP Software run.

5.9.2 DETAILED CHANGES

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_116	A	N.2, N.16, N.17, N.18, N.19, N.22, N.29, N.33, N.35, N.44 - N.47, N.53, N.60, N.61, N.73	n/a	Minor typographical or formatting changes for increased clarity. Updated existing references and/or included references to new clauses, where applicable.	No
PED_FG2_117	A	N.1	3.7	Provisions extended to include the input data required to EA1, EA2 and WD1.	Yes
PED_FG2_118	A	N.3	n/a	Amended to apply the existing rule in N.3 (which sets the value of the Interconnector Unit Nomination equal to the Market Schedule Quantity) to each Interconnector Unit in each Trading Period within the respective EA1, EA2, and WD1 Trading Windows.	Yes
PED_FG2_119	A	N.11	3.7	Existing list of three MSP Software Run Types is expanded to five (EA1, EA2, WD1, EP1, and EP2).	Yes
PED_FG2_120	A/N	N.12, N.12A (new), N.12B (new)	3.7	Existing paragraph split into three parts and amended to account for each type of Ex-Ante MSP Software Run.

Also clarifies for which Interconnector Units the Interconnector Unit Nominations are determined. | Yes |
| PED_FG2_121 | A | N.17, N.18, N.19, N.22, N.29, N.33, N.35, N.37, N.40, N.60, N.61 | n/a | In order to enhance clarity, replace Availability and Minimum Stable Generation with the concepts of Lower Operating Limit and Higher Operating Limit for the maximum and minimum limits for Generator Units utilised within the MSP Software.

See also note on N.38 - N.40, below. | Yes |

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_122	A	N.17	3.7.2, 3.7.3	Inclusion of the limits in EA2 and WD1 MSP Software Runs on the aggregate of all IUNs, set according to the latest Accepted values of ATC, Resolved referencing.	Yes
PED_FG2_123	A	N.23	3.7.2, 3.7.3	Inclusion of ATC and MIUNs as an additional data input to the EA2 and WD1 MSP Software Runs (new clauses with associated renumbering)	Yes
PED_FG2_124	A	N.30	3.7.1.2, 3.7.2.2, 3.7.3.2	Clarification that the Schedule Demand for EA1, EA2 and WD1 MSP Software Runs is the same, utilising the latest data Accepted.	Yes
PED_FG2_125	A	N.32	3.7	Clarification that the Schedule Demand for EP2 will utilise the latest data Accepted for Nominated Quantity.	Yes
PED_FG2_126	A	N.37, Table N.1 (new)	3.7	Replacement of existing clauses N.37, N.38 (now intentionally blank) and N.38A (now intentionally blank). Addition of Table N.1, defining the Higher Operating Limit for Generator Units to be used in MSP Software Runs.	Yes
PED_FG2_127	A	N.38, N.38A, N.39, N.41, N.41A, N.42	n/a	Existing v9.0 Causes deleted and left intentionally blank to preserve numbering.	No
PED_FG2_128	A	N.40 Table N.2 (new)	3.4, 3.7	Replacement of existing clauses N.39 (now intentionally blank), N.40, N.41 (now intentionally blank), N.41A (now intentionally blank) and N.42 (now intentionally blank). Addition of Table N.2, defining the Lower Operating Limit for Generator Units to be used in MSP Software Runs.	Yes
PED_FG2_129	A	N.43		Clarifies that the Accepted Energy Limit data will be used for each EA1, EA2 and WD1 MSP Software Run.	Yes
PED_FG2_130	A	N.47		Clarification of Offered Modified Price Quantity Pairs to be used in each MSP Software Run for Interconnector Units for EA1, EA2 and WD1 MSP Software Runs.	Yes

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_131	A	N.47A	n/a	Updated to reflect the EA1, EA2, and WD1 MSP Software Runs under Intra-Day Trading.	Yes
PED_FG2_132	A	N.48	n/a	Clarification of determination of Market Schedule Quantities as regards Generation and Interconnector Units	Yes
PED_FG2_133	A	Prior to N.55	n/a	Amended heading: "Data values used in Ex-Ante One Market Schedule"	Yes
PED_FG2_134	A/N	N.55, N.55A (new), N.55B (new).	n/a	Clarification of how MSQs for various special units are set in the EA1, EA2 and WD1 MSP Software Runs (dependent on the most recently Accepted data).	Yes
PED_FG2_135	N	Prior to new paragraph N.55A	n/a	New heading added: "Data values used in Ex-Ante Two Market Schedule"	
PED_FG2_136	N	Prior to new paragraph N.55B	n/a	New heading added: "Data values used in Within Day One Market Schedule"	
PED_FG2_137	A	N.56	n/a	Clarification of how MSQs for various special units are set in EP1 MSP Software Runs after midnight (dependent on the most recently Accepted data).	Yes
PED_FG2_138	A	N.62 , N.63, N.63A	n/a	Clarifying that the data for these items will be as accepted at the associated Gate Window Closure.	Yes

5.10 AGREED PROCEDURE 2

5.10.1 DESCRIPTION

Agreed Procedure 2 describes the procedures for the treatment of Interconnectors; in particular, the Agreed Procedure covers:

- Registration of Interconnectors, Interconnector Units, Interconnector Error Units and Interconnector Residual Capacity Units;
- Maintenance of Interconnector-related data;
- Submission of Interconnector-related data (including Available Transfer Capacity, Active Interconnector Capacity Holdings);
- Calculation of Interconnector Unit Nominations and Modified Interconnector Unit Nominations; and
- A description of the Code provisions in respect of SO Interconnector Trades.

5.10.2 DETAILED CHANGES

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_139	A	3 (now 2.1)	n/a	Renumber section 3 to section 2.1 (to fit within the Descriptive Overview section).	No
PED_FG2_140	A	3.1 (now 2.2)	n/a	Renumber section 3.1 to section 2.2 (to fit within the Descriptive Overview section).	No
PED_FG2_141	A	3.2 (now 2.3)	n/a	Renumber section 3.2 to section 2.3 (to fit within the Descriptive Overview section).	No
PED_FG2_142	A	2.2 (new)	n/a	Confirming that ATC is notified to the Market Operator by 10:00 on TD-2, with revisions provided as soon as possible following any change.	Yes
PED_FG2_143	A	2.3.1 (new)	n/a	Confirming that Active Capacity Holdings are provided to the Market Operator by the EA1 Gate Window Closure.	Yes
PED_FG2_144	A	2.3.2 (new)	n/a	IUNs and MIUNs will be calculated following each EA1, EA2 and WD1 MSP Software Run.	Yes
PED_FG2_145	A	2.3.2 (new)	n/a	Clarifying that latest Accepted ATC is used in the calculation of MIUNs.	Yes
PED_FG2_146	A	2.3.2 (new)	n/a	Confirming for which Interconnector Units are MIUNs calculated.	Yes
PED_FG2_147	N	2.3.2 (new)	n/a	New Table 1, which confirms scheduled calculation and submission timings for IUNs, MIUNs and AMIUNs.	Yes
PED_FG2_148	A	3.3 (now 2.4)	n/a	Renumber section 3.3 to section 2.4 (to fit within the Descriptive Overview section).	No

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_149	A	2.4 (new)	n/a	Depending upon whether the Trading Period is within or outside the WD1 Trading Window, AP2-2.4 sets out: • SO Interconnector Trades shall be conducted after calculation of the relevant Market Schedule and the associated Modified Interconnector Unit Nominations, as well as submission to the relevant System Operator of the associated Aggregate Modified Interconnector Unit Nominations. • In the case where an MSP Software Run Cancellation applies in respect of the relevant MSP Software Run, SO Interconnector Trades shall only be conducted after publication of the associated MSP Software Run Cancellation Report.	Yes
PED_FG2_150	A	3.4 (now 2.5)	n/a	Renumber section 3.4 to section 2.5 (to fit within the Descriptive Overview section).	No
PED_FG2_151	A	2.5 (new)	n/a	Clarifying that MIUNs and AMIUNs will be recalculated in the event that a change in ATC is submitted. This data will be provided to the relevant Parties.	Yes
PED_FG2_152	A	3.5 (now 2.6)	n/a	Renumber section 3.5 to section 2.6 (to fit within the Descriptive Overview section).	No
PED_FG2_153	A	4 (now 3)	n/a	Renumber section 4 to section 3.	No
PED_FG2_154	A	3.1 (new)	n/a	Changes to Interconnector Technical Data need to be provided at least 29 days prior to the Trading Day, with confirmation of receipt by email if submitted by Type 1 Channel (there is no need for Type 3 as an electronic response is provided).	No
PED_FG2_155	N	3.2	n/a	New section which describes the calculation and submission of Active Interconnector Unit Capacity Holdings. Active Capacity Holdings will be submitted by the EA1 Gate Window Closure.	Yes
PED_FG2_156	A	4.2 (now 3.3)	n/a	Renumber section 4.2 to section 3.3.	No

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_157	A	3.3 (new)	n/a	Confirmation that the Available Transfer Capacity Data Transaction shall be submitted by the EA1 Gate Window Closure and published as soon as possible following receipt.	Yes
PED_FG2_158	A	4.3 (now 3.4)	n/a	Renumber section 4.3 to section 3.4.	No
PED_FG2_159	A	3.4 (new)	n/a	Clarifying that ATC is resubmitted in the event that a change is identified and will be published by the Market Operator.	Yes
PED_FG2_160	A	4.4 (now 3.5)	n/a	Renumber section 4.4 to section 3.5.	No
PED_FG2_161	A	3.5 (new)	n/a	Clarification of the calculation of MIUNs following MSP Software Runs and when there are changes to ATC or when Profiled SO Interconnector Trades are submitted. Also clarifies that AMIUNs will be submitted to the relevant TSO and MIUNs will be issued to Interconnector Users.	Yes
PED_FG2_162	D	5 and 4	n/a	Swimlanes in Section 5 moved to Section 4 to allow swimlanes and procedural steps to be together in the document (which significantly enhances the clarity and readability).	No
PED_FG2_163	A	6 (now 4)	n/a	Renumber section 6 to section 4.	No
PED_FG2_164	A	4 (new)	n/a	New sections for swimlane diagrams, along with amendments to the procedural steps to reflect timing changes described earlier in the Agreed Procedure.	Yes
PED_FG2_165	A	Appendix 1	n/a	New terms introduced to reflect changes in the Agreed Procedure (all defined in the main body of the Code): • Interconnector Dispatch Schedule Data Transaction • MIUN Calculator •	Yes

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_166	A	Appendix 2	n/a	Revision of the section "Rules for the calculation of Modified Interconnector Unit Nominations (MIUNs)" – including the application of the Interconnector Ramp Rate - as a result of review of the existing description of the MIUN rules. In particular, the rules have been amended to reflect that there may be Interconnectors without a Deadband (as will be the case for the EWIC). Additional text included to clarify the treatment of SO Interconnector Trades in the calculation of MIUNs.	Yes

5.11 AGREED PROCEDURE 6

5.11.1 DESCRIPTION

Agreed Procedure 6 summarises the publication and reporting requirements under the Code. This includes data which is:

- published by the Market Operator to the general public (via the MO website);
- published to all Participants (via the MPI); and
- published to each Participant separately (Private Data).

5.11.2 DETAILED CHANGES

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_167	A	2.4, Appendix 2: Data Publication and Report Listings		Minor typographical or formatting changes, plus standardisation of terms for increased clarity.	No
PED_FG2_168	A	2.4		"Public Data reports" amended to "Public Data Publications" as Data Reports are available to Participants only, while Data Publications are issued to the general public.	No

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_169	N	2.4		Introduction of the terms "Member Public" and "Member Private" to distinguish between Private Data Reports generated for certain Participants only ("Member Private") or all of them ("Member Public").	No
PED_FG2_170	A	Glossary		Update to several definitions to reflect three Gate Closures	Yes
PED_FG2_171	N	Glossary		Addition of new definitions relating to IDT.	Yes
PED_FG2_172	N	Glossary		Definitions for the new terms "Member Public" and "Member Private", introduced to distinguish between types of Private Data Reports, dependent upon whether they are made available via the MPI to individual Participants or all Participants.	No
PED_FG2_173	A	Appendix 2: Report Listings		Data items re-ordered and in some cases separated into separate fields to correspond with T&SC Appendix E. Residual Meter Volume Interval Proportion added. Any publications that are published to the general public removed from Data Reports table and included in Data Publications table.	No
PED_FG2_174	N	Appendix 2: Report Listings		Additional records added for new publications for new runs (SMP, Shadow Price, Market Schedule, TOD, COD etc.).	Yes
PED_FG2_175	A	Appendix 2: Report Listings		General Public Column removed from Data Reports table as all reports are Participant only.	No

5.12 AGREED PROCEDURE 11

5.12.1 DESCRIPTION

This Agreed Procedure describes the specific procedures and directives for Market System Operation, Testing, Upgrading and Support. In addition to the current Data Query and Settlement Query processes, an additional Required Credit Cover Query has been added for Intra-Day Trading.

5.12.2 DETAILED CHANGES

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_176	A	1.2, 2.1, 2.1.1.1, 2.1.1.2, 2.1.1.3, 2.2.1, 2.2.2.1, 2.3.2, 2.5.3, 4.2.1	n/a	Minor typographical or formatting changes for increased clarity.	No
PED_FG2_177	A	2.1, 2.1.1, 4.1, Appendix 1, Appendix 2	n/a	Inclusion of Required Credit Cover Query.	Yes
PED_FG2_178	A	2.3.2, Appendix 1	n/a	Updated Gate Closure to refer to Gate Window Closure.	Yes
PED_FG2_179	A	2.3.5	n/a	Reference to all Ex-Ante MSP Software Runs (EA1, EA2, WD1).	Yes

5.13 AGREED PROCEDURE 13

5.13.1 DESCRIPTION

Agreed Procedure 13 details the process by which queries are raised by Parties and resolved (as appropriate) by the Market Operator. In addition to the current Data Query and Settlement Query processes, an additional Required Credit Cover Query has been added for Intra-Day Trading.

5.13.2 DETAILED CHANGES

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_180	A	1.2	n/a	Addition of Required Credit Cover Query to the scope of the Agreed Procedure.	Yes
PED_FG2_181	N	2.3.1	n/a	Description of the new Required Credit Cover Query and when such queries can be submitted.	Yes

PED Reference	Type	Code Clause(s)	High Level Design Section(s)	Description of Change	Change because of introduction of Intra-Day Trading?
PED_FG2_182	N	2.3.2	n/a	Description of the process by which the Market Operator will process each Required Credit Cover Query.	Yes
PED_FG2_183	N	2.3.3	n/a	Description of the process by which the Market Operator will resolve each Required Credit Cover Query.	Yes
PED_FG2_184	N	3.3	n/a	Procedural steps for a Required Credit Cover Query.	Yes
PED_FG2_185	N	4.3	n/a	'Swimlane' diagram illustrating process for a 'Required Credit Cover Query'.	Yes
PED_FG2_186	N	Appendix 1	n/a	Addition of: • Market Operator Performance Report • Required Credit Cover Query	Yes
PED_FG2_187	A	Appendix 2	n/a	Clarification various formal Query Forms apply to specific types of Query	Yes
PED_FG2_188	N	Appendix 2	n/a	New form for raising a Required Credit Cover Query.	Yes

6   APPENDICES