

TECHNICAL REPORT



Framework for energy market communications –
Part 103: Review of information exchanges within the deregulated European
style retail energy market from a CIM perspective

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<https://standards.iteh.ai/catalog/standards/sist/5b37eb55-fec9-415e-9e64-a314ca390877/iec-tr-62325-103-2017>

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

ICS 33.200

ISBN 978-2-8322-5149-2

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CONTENTS

FOREWORD.....	10
INTRODUCTION.....	12
1 Scope.....	13
2 Normative references	13
3 Terms, definitions and abbreviated terms	13
3.1 Terms and definitions.....	13
3.2 Abbreviated terms.....	13
4 Overview	14
5 Use cases	15
5.1 Overview.....	15
5.1.1 General	15
5.1.2 The Measure process and its individual processes	15
5.1.3 The Business Areas for Measure	16
5.1.4 The Business Areas for Structure and its individual processes.....	17
5.2 Measure Collected Data.....	18
5.2.1 General	18
5.2.2 The business process Use Case for Collect.....	18
5.2.3 Use case for the business process Exchange Collected Data	19
5.2.4 Request Collected Data (business process use case).....	21
5.3 Measure for Reconciliation.....	23
5.3.1 General	23
5.3.2 The business process use case for Measure for Reconciliation.....	23
5.3.3 Use case for the business process Exchange Validated Data for Reconciliation	24
5.4 Measure for Imbalance Settlement.....	25
5.4.1 General	25
5.4.2 The business process use case for Measure for Imbalance Settlement.....	25
5.4.3 Use case for the business process Validate for Imbalance Settlement	26
5.4.4 Use case for the business process Aggregate for Imbalance Settlement.....	28
5.5 Measure for Billing	31
5.5.1 General	31
5.5.2 Use case for the business process Measure for Billing	32
5.5.3 Use case for the business process Exchange Validated Data for Billing.....	32
5.6 Measure for Labeling	34
5.6.1 General	34
5.6.2 Use case for the business process Measure for Labeling.....	34
5.6.3 Use case for the business process Exchange Validated Data for Labeling	35
5.7 Measure Calorific Value	36
5.7.1 General	36
5.7.2 The business process use case for Measure Calorific Value	37
5.7.3 Use case for the business process Exchange Established Calorific Value.....	37
5.8 Settle for Reconciliation	39
5.8.1 General	39
5.8.2 The business process use case for Establish Profiled Volume	39

5.8.3	The business process use case for Reconciliation	44
5.9	Determine Meter Read	51
5.9.1	General	51
5.9.2	The business process use case for Determine Meter Read	51
5.9.3	Use case for the business process Initiate Meter Read	52
5.10	Change of supplier	53
5.10.1	General	53
5.10.2	The business process use case for Change of Supplier	53
5.10.3	Use case for the business process Make Supply Contract	55
5.10.4	Use case for the business process Request Change of Supplier	55
5.10.5	Use case for the business process Notify Change of Supplier	57
5.11	Change of Balance Responsible Party	59
5.11.1	General	59
5.11.2	The business process use case for Change of Balance Responsible Party	59
5.11.3	Use case for the business process Request Change of Balance Responsible Party	60
5.12	Align Metering Point Characteristics	63
5.12.1	General	63
5.12.2	Notify Metering Point (MP) characteristics	63
5.12.3	Use case for the Notify Metering Point (MP) characteristics	63
5.13	Alignment of Metering Configuration Characteristics	66
5.13.1	General	66
5.13.2	The business process use case Notify Metering Configuration Characteristics	66
6	Methodology used for the mapping	68
6.1	Methodology overview	68
6.2	CIM extension	69
6.3	Methodology mapping example:	69
7	Mapping of class diagrams	72
7.1	Overview	72
7.2	Measure Collected Data	73
7.2.1	Overview	73
7.2.2	Exchange Collected Data	74
7.2.3	Exchange Request Collected Data	76
7.2.4	Exchange Negative Response to Request Collected Data	78
7.3	Measure for Reconciliation	79
7.3.1	Overview	79
7.3.2	Exchange Validated Data for Reconciliation	79
7.4	Aggregated Data for Imbalance Settlement	81
7.4.1	Overview	81
7.4.2	Exchange Aggregated Data for Imbalance Settlement	81
7.4.3	Exchange Aggregated Data per neighbouring Grid	83
7.4.4	Exchange Request Aggregated Data for Imbalance Settlement	85
7.5	Measure for Billing	87
7.5.1	Overview	87
7.5.2	Exchange Validated Data for Billing Energy	88
7.6	Measure for Labeling	89
7.6.1	Overview	89

7.7	Measure Calorific Value	92
7.7.1	Overview	92
7.7.2	Exchange Established Calorific Value	93
7.8	Settle for Reconciliation	94
7.8.1	Overview	94
7.8.2	Exchange Residual Volume	95
7.8.3	Exchange Aggregated Profiled Consumption	97
7.8.4	Exchange Reconciled Volumes	99
7.8.5	Exchange Prices for Reconciliation	101
7.8.6	Exchange Price-Volume Combination for Reconciliation	103
7.9	Measure for Determine meter read	104
7.9.1	Overview	104
7.9.2	Exchange Notification Need for Meter Read	105
7.10	Change of Supplier	106
7.10.1	Overview	106
7.10.2	Exchange Request Change of Supplier	107
7.10.3	Exchange Notify Change of Supplier to New Affected Role	109
7.11	Change of balance responsible party	111
7.11.1	Overview	111
7.11.2	Exchange Request Change of Balance Responsible Party	112
7.11.3	Exchange Reject Change of Balance Responsible Party	114
7.11.4	Exchange Confirm Change of Balance Responsible Party	115
7.12	Notify MP (Metering Point) characteristics	115
7.12.1	Overview	115
7.12.2	Exchange Notify MP characteristics	116
7.13	Notify Metering configuration characteristics	118
7.13.1	Overview	118
7.13.2	Exchange Notify Metering configuration characteristics	118
7.14	Reasons behind the mappings	119
7.14.1	General	119
7.14.2	MarketEvaluationPoint	119
7.14.3	How to handle registers and meters	121
7.14.4	MktActivityRecord	121
8	Proposed changes to CIM	122
8.1	General	122
8.2	Extension to MarketEvaluationPoint	122
8.2.1	Overview	122
8.2.2	Addition of attributes to MarketEvaluationPoint	123
8.3	Extension of MktActivityRecord	124
8.4	Linking meters, registers, readings and time series together	125
8.5	Update of class UsagePoint	126
8.6	Update of class TimeSeries	126
8.6.1	Overview	126
8.6.2	The need for a reference to a request	127
8.7	Additions to be able to specify aggregation criteria	128
8.8	Addition in order to handle Meter time frames for quantities and prices	129
8.9	Additions related to addresses	130
8.9.1	Overview	130
8.9.2	Addition in order to handle different languages of an address	131

8.9.3	Addition in order to handle floors in a building	131
8.10	Additions of Enumeration/CodeList Classes	131
8.11	A summary of the suggested updates in CIM	131
8.11.1	Overview	131
8.11.2	In the IEC 62325 package	131
8.11.3	In the IEC 61968 package	135
9	Next steps	136
	Bibliography.....	137
Figure 1	– Business domain use cases within the European Energy Market.....	15
Figure 2	– The Measure process and its use cases within the European Energy Market	16
Figure 3	– The business areas for Measure within the European Energy Market	17
Figure 4	– The business areas for Structure within the European Energy Market	17
Figure 5	– The Metering Point administration process and its use cases within the European Energy Market	18
Figure 6	– The business process use case for Collect.....	19
Figure 7	– Use case for the business process Exchange Collected Data.....	20
Figure 8	– Activity diagram for the business process Exchange Collected Data	20
Figure 9	– Class diagram for Collected Data	21
Figure 10	– Use case for the business process Request Collected Data	21
Figure 11	– Activity diagram for the business process Request Collected Data	22
Figure 12	– Class diagram for Request Collected Data	22
Figure 13	– Class diagram for Negative Response to Request Collected Data	23
Figure 14	– Business process use case for Measure for Reconciliation.....	23
Figure 15	– Use case for the business process Exchange Validated Data for Reconciliation	24
Figure 16	– Activity diagram for the business process Exchange Validated Data for Reconciliation	25
Figure 17	– Class diagram for Exchange Validated Data for Reconciliation	25
Figure 18	– Business process use case for Measure for Imbalance Settlement.....	26
Figure 19	– Use case for the business process Validate for Imbalance Settlement.....	27
Figure 20	– Activity diagram for the business process Exchange Validated Data for Imbalance Settlement	27
Figure 21	– Class diagram for Validated Data for Imbalance Settlement to Aggregator	28
Figure 22	– Class diagram for Validated Data for Imbalance Settlement to Balance Responsible.....	28
Figure 23	– Use case for the business process Aggregate for Imbalance Settlement	29
Figure 24	– Activity diagram for the business process Aggregate for Imbalance Settlement	29
Figure 25	– Class diagram within Imbalance Settlement for Aggregated Data per Metering Grid Area to Balance Responsible	30
Figure 26	– Class diagram within Imbalance Settlement for Aggregated Data per Metering Grid Area to Settlement Responsible.....	30
Figure 27	– Class diagram within Imbalance Settlement for Aggregated Data per neighbouring Grid to neighbouring aggregator and to settlement responsible.....	31
Figure 28	– Class diagram within Imbalance Settlement for Request Aggregated Data for Imbalance Settlement	31

Figure 29 – Use case for the business process Measure for Billing	32
Figure 30 – Use case for the business process Exchange Validated Data for Billing	33
Figure 31 – Activity diagram for the business process Exchange Validated Data for Billing	33
Figure 32 – Class diagram for Validated Data for Billing Energy	34
Figure 33 – Use case for the business process Measure for Labeling	34
Figure 34 – Use case for the business process Exchange Validated Data for Labeling.....	35
Figure 35 – Activity diagram for the business process Exchange Validated Data for Labeling.....	36
Figure 36 – Class diagram for Validated Data for Labeling.....	36
Figure 37 – Business process use case for Recalculate Calorific Value	37
Figure 38 – Use case for the business process Exchange Established Calorific Value	38
Figure 39 – Activity diagram for the business process Exchange Established Calorific Value	38
Figure 40 – Class diagram for Exchange Established Calorific Value	39
Figure 41 – Business process use case for Settle	39
Figure 42 – Business process use case for Establish Profiled Volume	40
Figure 43 – Use case for the business process Use of Analytic Profiles	41
Figure 44 – Use case for the business process Use of Synthetic Profiles	41
Figure 45 – Activity diagram for the business process Use of Synthetic Profiles.....	42
Figure 46 – Use case for the business process Exchange residual volume	42
Figure 47 – Class diagram for Exchange residual volume	43
Figure 48 – Use case for the business process Exchange Aggregated Profiled Consumption.....	43
Figure 49 – Class diagram for Exchange Aggregated Profiled Consumption	44
Figure 50 – Business process use case for Reconciliation	44
Figure 51 – Use case for the business process Reconcile Volumes	45
Figure 52 – Use case for the business process Exchange Reconciled Volumes	46
Figure 53 – Activity diagram for the business process Exchange Reconciled Volumes	46
Figure 54 – Class diagram for Exchange Reconciled Volumes	47
Figure 55 – Use case for the business process Determine Price for Reconciliation	47
Figure 56 – Use case for the business process Exchange Price for Reconciliation	48
Figure 57 – Activity diagram for the business process Exchange Price for Reconciliation	48
Figure 58 – Class diagram for Exchange Price for Reconciliation.....	49
Figure 59 – Use case for the business process Prepare Billing for Reconciliation	49
Figure 60 – Use case for the business process Exchange Price-Volume Combination	50
Figure 61 – Activity diagram for the business process Exchange Price-Volume Combination for Reconciliation.....	50
Figure 62 – Class diagram for Exchange Price-Volume Combination for Reconciliation	51
Figure 63 – The business process use case for Determine Meter Read	51
Figure 64 – Use case for the business process Initiate Meter Read	52
Figure 65 – Use case for the business process Notify Need for Meter Read within the use case Initiate Meter Read	53
Figure 66 – Class diagram for Notification Need for Meter Read	53

Figure 67 – Business process use case for Change of Supplier	54
Figure 68 – Use case for the business process Make Supply Contract.....	55
Figure 69 – Use case for the business process Request Change of Supplier	55
Figure 70 – Activity diagram for the business process Request Change of Supplier	56
Figure 71 – Class diagram for Request Change of Supplier	56
Figure 72 – Class diagram for Confirm Change of Supplier.....	57
Figure 73 – Class diagram for Reject Change of Supplier	57
Figure 74 – Use case for the business process Notify Change of Supplier	58
Figure 75 – Activity diagram for the business process Notify Change of Supplier	58
Figure 76 – Class diagram for Notify Change of Supplier to New affected role	59
Figure 77 – Business process use case for Change of Balance Responsible Party	60
Figure 78 – Use case for the business process Request Change of Balance Responsible Party.....	60
Figure 79 – Activity diagram for the business process Request Change of Balance Responsible Party.....	61
Figure 80 – Class diagram for Request Change of Balance Responsible Party	61
Figure 81 – Class diagram for Confirm Change of Balance Responsible Party	62
Figure 82 – Class diagram for Reject Change of Balance Responsible Party	62
Figure 83 – Business process use case for Align Metering Point Characteristics.....	63
Figure 84 – Use case for the business process Notify MP characteristics	64
Figure 85 – Activity diagram for the business process Notify MP characteristics	64
Figure 86 – Class diagram for Notify MP characteristics	65
Figure 87 – Use case for the business process Notify Metering Configuration Characteristics.....	66
Figure 88 – Activity diagram for the business process Notify metering configuration characteristics	67
Figure 89 – Class diagram for Metering Configuration Characteristics	68
Figure 90 – Extract from class diagram Exchange Request Change of Balance Responsible Party.....	69
Figure 91 – Mapping of Request Change of Balance Responsible Party.....	70
Figure 92 – Extending MktActivityRecord	71
Figure 93 – Mapping of Metering Point, part 1.....	71
Figure 94 – Mapping of Metering Point, part 2.....	71
Figure 95 – Result of the mapping of Metering Point within Request Change of Balance Responsible Party	72
Figure 96 – Mapping of Exchange Collected data	75
Figure 97 – Mapping of Request Collected data	77
Figure 98 – Mapping of Negative Response to Request Collected data.....	78
Figure 99 – Mapping of Exchange Validated Data for Reconciliation	80
Figure 100 – Mapping of Exchange Aggregated Data for Imbalance Settlement.....	82
Figure 101 – Mapping of Exchange Aggregated Data per neighbouring Grid	84
Figure 102 – Mapping of Exchange Request Aggregated Data for Imbalance Settlement	86
Figure 103 – Mapping of Exchange Validated Data for Billing Energy	89
Figure 104 – Mapping of Exchange Validated Data for Labeling for Certificate Issuer	91

Figure 105 – Mapping of Exchange Established Calorific Value	94
Figure 106 – Mapping of Exchange Residual Volume.....	96
Figure 107 – Mapping of Exchange Aggregated Profiled Consumption.....	98
Figure 108 – Mapping of Exchange Reconciled Volumes	100
Figure 109 – Mapping of Exchange Prices for Reconciliation	102
Figure 110 – Mapping of Exchange Price-Volume Combination for Reconciliation.....	104
Figure 111 – Mapping of Notification Need for Meter Read	106
Figure 112 – Exchange Request Change of Supplier	108
Figure 113 – Exchange Notify Change of Supplier to New Affected Role.....	110
Figure 114 – Exchange Request Change of Balance Responsible Party	113
Figure 115 – Mapping of Exchange Reject Change of Balance Responsible Party	115
Figure 116 – Exchange Notify MP characteristics	117
Figure 117 – Exchange Notify Metering configuration characteristics	119
Figure 118 – Class diagram MeteringMeterReadings from CIM	120
Figure 119 – Representation of registers and meters for different purposes	121
Figure 120 – MarketEvaluationPoint, suggested association extension to CIM	122
Figure 121 – Addition of Characteristics not found within CIM associated with MarketEvaluationPoint, suggestions for update of CIM.....	123
Figure 122 – MktActivityRecord, suggested extensions in CIM	124
Figure 123 – Associating Reading and Register with MarketEvaluationPoint, suggestions for update of CIM	125
Figure 124 – BaseReading, suggested extensions to CIM	126
Figure 125 – UsagePoint, suggested extensions to CIM	126
Figure 126 – TimeSeries, suggested extensions to CIM	127
Figure 127 – TimeSeries, addition of Series with a self-association, alternative suggested extensions to CIM	128
Figure 128 – Summary of additions related to TimeSeries, MarketEvaluationPoint, MktActivityRecord and MarketEvaluationPoint, suggestions for update of CIM	129
Figure 129 – Addition of attribute meterTimeFrame to the classes Quantity and Price, suggestions for update of CIM	130
Figure 130 – Addition of attributes to class StreetAddress and class StreetDetail, suggestions for update of CIM	130
Figure 131 – Examples of enumeration/codelists used in the suggested extensions to CIM	131
Table 1 – Mapping of Exchange Collected data.....	74
Table 2 – Mapping of Request Collected data	76
Table 3 – Mapping of Negative Response to Request Collected data.....	78
Table 4 – Mapping of Exchange Validated Data for Reconciliation	79
Table 5 – Mapping of Exchange Aggregated Data for Imbalance Settlement	81
Table 6 – Mapping of Exchange Aggregated Data per neighbouring Grid	83
Table 7 – Mapping of Exchange Request Aggregated Data for Imbalance Settlement	85
Table 8 – Mapping of Exchange Validated Data for Billing Energy	88
Table 9 – Mapping of Exchange Validated Data for Labeling for Certificate Issuer	90
Table 10 – Mapping of Exchange Established Calorific Value	93

Table 11 – Mapping of Exchange Residual Volume	95
Table 12 – Mapping of Exchange Aggregated Profiled Consumption	97
Table 13 – Mapping of Exchange Reconciled Volumes	99
Table 14 – Mapping of Exchange Prices for Reconciliation	101
Table 15 – Mapping of Exchange Price-Volume Combination for Reconciliation	103
Table 16 – Mapping of Notification Need for Meter Read	105
Table 17 – Mapping of Exchange Request Change of Supplier	107
Table 18 – Mapping of Notify Change of Supplier to New Affected Role	109
Table 19 – Mapping of Exchange Request Change of Balance Responsible Party	112
Table 20 – Mapping of Exchange Reject Change of Balance Responsible Party	114
Table 21 – Mapping of Exchange Notify MP characteristics	116
Table 22 – Mapping of Exchange Notify MP characteristics	118

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FRAMEWORK FOR ENERGY MARKET COMMUNICATIONS –

Part 103: Review of information exchanges within the deregulated European style retail energy market from a CIM perspective

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IEC TR 62325-103, which is a technical report, has been prepared by IEC technical committee 57: Power systems management and associated information exchange.

The text of this technical report is based on the following documents:

Enquiry draft	Report on voting
57/1896/DTR	57/1932/RVDTR

Full information on the voting for the approval of this technical report can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts of the IEC 62325 series, under the general title: *Framework for energy market communications*, can be found on the IEC website.

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INTRODUCTION

This part of IEC 62325, which is a Technical Report, is part of the IEC 62325 series for deregulated energy market communications.

The common information model (CIM), i.e. the IEC 62325-301, IEC 61970-301 and IEC 61968-11 standard series, specifies the basis for the semantics for message exchange.

In this document it is investigated how CIM can be used and updated to include most parts of the information exchanges within the deregulated European style retail energy market.

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FRAMEWORK FOR ENERGY MARKET COMMUNICATIONS –

Part 103: Review of information exchanges within the deregulated European style retail energy market from a CIM perspective

1 Scope

ebIX^{®1} (the European forum for energy Business Information eXchange) is a group representing a significant number of European countries. ebIX[®] defines harmonised information exchanges for the deregulated European style retail energy market. ebIX[®] will follow the rules of the European Union where applicable. This part of IEC 62325, which is a Technical report, provides information about how the ebIX[®] information model can be mapped to CIM. In addition, this document shows what may be needed to be added or changed within CIM in order to cover the specific set of information exchange within the deregulated European style retail energy market. The scope is to study the exchange of market information between the actors in the energy market.

2 Normative references

There are no normative references in this document.

3 Terms, definitions and abbreviated terms

3.1 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

3.2 Abbreviated terms

3.2.1

BIM

Business Information Model

3.2.2

BRS

Business Requirement Specification

3.2.3

CIM

Common information model

¹ This information is given for the convenience of users of this document and does not constitute an endorsement.