



Code list

Status: Approved by ETC
Version: 1.0
Revision: A
Date: June 2019

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1 ebIX Original

ebIX® Original codes are codes defined and maintained by ebIX®.

1.1 Business Domain Code (BusinessDomainCode)

Name	Code Name
E01	Structure
E02	Measure
E03	Settle
E04	Plan
E05	Operate
E06	Bill
E07	Trade

1.2 Business Role Code (BusinessRoleCode)

Name	Code Name
Z04	Metered data aggregator, central
Z10	Metering grid area administrator
Z11	Calorific value responsible

1.3 Code List Identification Code (CodeListIdentificationCode)

Name	Code Name
BEL	Belgian National Standard
DK	Danish ebIX Group
DPO	Dutch Profile Organisation
EBO	Edine Beheer Organisatie
EKS	Elkraft system
ELT	Eltra
SLY	Finnish Electricity Association
SM	Norwegian ebIX organisation
SVK	Svenska Kraftnät
TNT	TenneT
VSE	Verband Schweizerischer Elektrizitätsunternehmen

1.4 Conversion Factor Type Code (ConversionFactorTypeCode)

Name	Code Name
E01	Current
E02	Voltage
E03	Pressure
E04	Temperature
E05	Altitude
E06	Measurement

1.5 Disconnection Method Code (DisconnectionMethodCode)

Name	Code Name
E36	Remote
E37	Manual
E38	Manual outside
E39	Manual inside

1.6 Document Name Code (DocumentNameCode)

Name	Code Name
E01	Start of supply
E02	Cancellation of supply
E03	Notice of master data change
E04	Overview of lost locations
E05	Overview of new locations
E06	Overview of active locations
E07	Master data metering point
E08	Master data, meter
E09	Master data, balance responsibility
E10	Request for Master data, Metering point
E11	Validated Metered Data from Grid Company to Balance supplier
E12	
E13	Validated Metered data (time series), quantity per period
E14	
E15	
E16	Request for metered data
E17	Schedule
E18	Response to schedule
E19	
E20	
E21	Master data Customer
E22	
E23	Metered data for profiling
E24	Aggregated metered data for profiled metering points to Balance responsible party
E25	Aggregated metered data for reconciliation for profiled metering points to the Reconciliation responsible party
E26	Reconciliation volumes
E27	Request according to German market rules
E28	Exchange of correction factor for profiled plans
E29	Aggregated metered data for verification of reconciliation
E30	Collected data, from Metered data collector
E31	Aggregate metered data from the Metered data aggregator, local
E32	Aggregated metered data to Balance supplier
E33	
E34	Start of a contract according to German market rules
E35	End of a contract according to German market rules
E36	Master data, transport responsibility
E37	
E38	Request master data Metering configuration
E39	Request metered data
E40	List of MP allocated to Balance Responsible

Code list

Name	Code Name
E41	Request to Meter administrator (MA) for change in Meter-db
E42	Response from Meter administrator (MA) for change in Meter-db
E43	Master data metering configuration
E44	Notification from the Metering point administrator
E45	Request to Grid access provider for changes in Grid access contract-db
E46	Response from Grid access provider for changes in Grid access contract-db
E47	Notification from Grid access provider to concerned parties for changes in Grid access contract-db
E48	Start of providing a supply in the name of the new balance supplier
E49	
E50	End of providing a supply in the name of the new balance supplier
E51	
E52	
E53	
E54	
E55	
E56	Request regarding planned quantities
E57	Response regarding planned quantities (Confirmation/Rejection)
E58	Request change MP characteristics
E59	Response request change MP characteristics
E60	Change request Meter Attribute
E61	Confirmation/rejection of change meter attributes
E62	Change request Field bus attributes
E63	Confirmation/rejection of change Field bus attributes
E64	Master data Field bus
E65	Validated metered data, meter stand
E66	Validated metered data, time series
E67	Request regarding Cancellation
E68	Response regarding Cancellation (Confirmation/Rejection)
E69	Price Information
E70	Information for Billing
E71	Master Data Metering Grid Area
E72	Request for Collected Data
E73	Request for Validated Metered Data
E74	Request for Aggregated Metered Data
E75	Notification from Imbalance Settlement Responsible
E76	Notification from Calorific Value Responsible
E77	Request for Calorific Value
E78	Cancellation of notification
E79	Request master data customer
E80	Request update MP characteristics
E81	Response request update MP characteristics
ERR	Processability Error Report

1.7 Energy Product Identifier (EnergyProductIdentifier)

Name	Code Name
5410000100016	NaturalGas
8716867000016	Power active
8716867000023	Power reactive
8716867000030	Energy active
8716867000047	Energy reactive

Code list

Name	Code Name
8716867000054	Connection capacity
8716867000061	Connection use
8716867000078	Transport capacity
8716867000085	Transport use
8716867000139	Energy reactive capacitive
8716867000146	Energy reactive inductive

1.8 Incrementation Type Code (IncrementationTypeCode)

Name	Code Name
E01	Cumulative
E02	Non-Cumulative

1.9 Metered Data Collection Method Code (MeteredDataCollectionMethodCode)

Name	Code Name
D01	Automatic (AMR)
D02	Manual

1.10 Meter Type Code (MeterTypeCode)

Name	Code Name
E01	Electronic
E02	Analog
E03	Advanced - Smart

1.11 Model Error Description Code (ModelErrorDescriptionCode)

Name	Code Name
41	Required data missing
43	The content of a coded data element is not according to the code list
46	Maximum number of repetitions is exceeded

1.12 Quantity Quality Code (QuantityQualityCode)

Name	Code Name
E01	As read
E02	Normalised to zero degrees Celsius and 1013,25 mbar
E03	
E04	Normalised to zero degrees Celsius and 1013,25 mbar and corrected for calorific value to Groningen quality
E05	Automatically repaired
E06	Copied from previous period
E07	Negotiated between parties

1.13 Response Condition Code (ResponseConditionCode)

Name	Code Name
100	The object is approved
ebIX	Subset

2 ebIX Subset

2.1 Administrative Status Code (AdministrativeStatusCode)

Name	Code Name
E32	Active
E33	Inactive

2.2 Agreement Type Code (AgreementTypeCode)

Name	Code Name
11	Grid connection contract type
12	Power supply contract

2.3 Business Reason Code (BusinessReasonCode)

Name	Code Name
EOA	
EOB	
EOC	
EOD	
EOE	
EOF	Labeling
EOG	Data alignment master data MP
EON	Preparation for Reconciliation
EOP	Preparation for Imbalance Settlement
EOS	Change MP characteristics
E01	Move; change of party connected to the grid
E02	New metering point
E03	Change of balance supplier
E04	Temporary supply
E05	Cancellation
E06	Unrequested change of balance supplier
E20	End of supply
E21	Change of data from party connected to the grid
E23	Periodic metering
E28	Profile maintenance
E30	Historical data
E32	Update MP characteristics
E34	Align master data customer
E35	Combined customer and supplier switch
E43	Reconciliation
E44	Imbalance settlement

Code list

Name	Code Name
E48	Master data for prospects
E53	Meter reading on demand
E56	Change of Balance Responsible Party
E57	Change of metered data responsible
E60	Removal of meter
E64	Update master data MP requiring meter reading
E65	Consumer move-in
E66	Consumer move-out
E67	Placement of meter
E68	Change of transport capacity responsible
E74	Change of meter administrator
E75	Change of metering method
E76	MeteringPoint Id and additional information do not correspond
E77	End of metering
E78	Change of grid billing model
E79	Change of connection status
E80	Change of estimated annual volume
E84	Align master data metering configuration
E88	Billing energy
E89	Billing Grid Cost
E93	End of Party connected to Grid
E94	End of Metered Data Responsible
E95	End of Meter Administrator
E96	End of Balance Responsible
E99	

2.4 Business Role Code (BusinessRoleCode)

Name	Code Name
DDE	Metered data collector
DDK	Balance Responsible Party
DDM	Grid access provider
DDQ	Balance power supplier
DDX	Imbalance settlement responsible party
DDZ	Metering point administrator
DEA	Metered data aggregator
DEB	Meter Operator
DEC	Party connected to the grid
DED	Profile Maintenance Party
EZ	System operator
GD	Producer
II	Billing Agent
IT	Installation on site
IV	address, invoicee
MAD	Meter administrator
MDR	Metered data responsible
MOP	Market operator
PQ	Certifying Party
RCA	Reconciliation Accountable
RCR	Reconciliation Responsible
TCR	Transport capacity responsible party
UD	Consumer

2.5 Code List Responsible Agency Code (CodeListResponsibleAgencyCode)

Name	Code Name
4	ICC
5	ISO
6	UN/ECE
9	GS1=EAN International
86	Assigned by party originating the message
89	
260	ebIX
293	BDEW
305	ETSO
330	Nordic Ediel Group
379	IANA

2.6 Contact Function Code (ContactFunctionCode)

Name	Code Name
AE	Contract contact
AT	Technical contact
AY	Electricity supply contact
AZ	Gas supply contact
CU	Customer Contact
MA	Meter access contact
PE	Payee contact
WI	Alternate contact

2.7 Country Identifier (CountryIdentifier)

Name	Code Name
AL	Albania
AT	Austria
BA	Bosnia
BE	Belgium
CH	Switzerland
CY	Cyprus
CZ	Czeck republic
DE	Germany
DK	Denmark
EE	Estonia
ES	Spain
FI	Finland
FR	France
GB	United Kingdom
GR	Greece
HR	Croatia
HU	Hungary
IT	Italy
LT	Lithuania
LV	Latvia

Code list

Name	Code Name
MT	Malta
NL	The Netherlands
NO	Norway
PL	Poland
PT	Portugal
RO	Romania
SE	Sweden
SI	Slovenia

2.8 Currency Identification Code (CurrencyIdentificationCode)

Name	Code Name
CHF	Swiss franc
DKK	Danish crown
EUR	Euro
GBP	Pound sterling
NOK	Norwegian crown
PLN	Polish Zloty
RUB	Russian ruble
SEK	Swedish crown

2.9 Document Function Code (DocumentFunctionCode)

Name	Code Name
1	cancellation
3	Revocation
5	Update
9	Original

2.10 Document Name Code (DocumentNameCode)

Name	Code Name
392	Request regarding change of role MP
406	Notification to supplier of contract termination
414	Response regarding change of role MP
432	Notification to grid operator of contract termination
433	Notification to grid operator of metering point changes
434	Notification of balance responsible entity change

2.11 Energy Generation Technology Type Code (EnergyGenerationTechnologyTypeCode)

Name	Code Name
T01	Solar
T02	Wind
T03	Hydro
T04	Marine
T05	Thermal

2.12 Energy Label Fuel Type Code (EnergyLabelFuelTypeCode)

2.13 Grid Agreement Type Description Code (GridAgreementTypeDescriptionCode)

Name	Code Name
E01	Contract directly between Grid operator and Customer
E02	Contract between Supplier and Grid operator
E03	Contract between Grid operator and Customer through Supplier
E04	No net using contract

2.14 Language Code (LanguageCode)

Name	Code Name
dan	Danish
deu	German
fin	Finnish
fra	French
hrv	Croatian
nld	Dutch
nor	Norwegian
pol	Polish
slk	Slovak
slv	Slovenian
srp	Serbian
swe	Swedish

2.15 Measurement Unit Common Code (MeasurementUnitCommonCode)

Name	Code Name
AMP	ampere
ANN	Year
B8	Joule per cubic metre
D90	Cubic meter (net)
DAY	Day
E46	Kilowatt hour per cubic metre
G52	Cubic metre per day
HUR	Hour
K3	kVArh (kVA reactive-hour)
KWH	Kilowatt hour
KWN	Kilowatt hour per normalized cubic metre
KWS	Kilowatt hour per standard cubic metre
KWT	Kilowatt
MAW	Megawatt
MIN	Minute
MON	Month
MQH	Cubic Meter per Hour
MTQ	Cubic Meter
MWH	Megawatt hour
NM3	Normalised cubic metre
Q37	Standard cubic metre per day

Code list

Name	Code Name
Q38	Standard cubic metre per hour
Q39	Normalized cubic metre per day
Q40	Normalized cubic metre per hour
Q41	Joule per normalized cubic metre
Q42	Joule per standard cubic metre
SM3	Standard cubic metre

2.16 Metering Method Code (MeteringMethodCode)

Name	Code Name
E13	Continuous
E14	Non continuous
E16	Not metered
E21	Non continuous, monthly
E24	Calculated

2.17 Metering Point Type Code (MeteringPointTypeCode)

Name	Code Name
E17	Consumption
E18	Production
E19	Combined
E20	Exchange

2.18 Meter Reading Origin Code (MeterReadingOriginCode)

Name	Code Name
E26	From Party connected to grid
E27	From Metered data collector
E28	From Metered data responsible.
E35	Taken from data logger

2.19 Meter Time Frame Code (MeterTimeFrameCode)

Name	Code Name
E10	Night, WE
E11	Working Day
E12	PeakPeriod
E29	No meter timeframe

2.20 Payment Agreement Type Description Code (PaymentAgreementTypeDescriptionCode)

Name	Code Name
E09	Paid by customer
E10	Paid by supplier

2.21 Physical Status Code (PhysicalStatusCode)

Name	Code Name
E22	Connected
E23	Disconnected
E30	Under construction
E31	Demolished

2.22 Pressure Level Code (PressureLevelCode)

Name	Code Name
E10	Low
E11	High
E34	Medium

2.23 Quantity Quality Code (QuantityQualityCode)

Name	Code Name
21	Temporary
22	Subject to agreed Condition
23	Added
36	Revised
39	Approved
41	Rejected
42	Approval pending
46	Does not exist
55	Extracted
56	Estimated
81	Definitive
85	Updated
86	Ratified
102	Settled
113	Incomplete data
121	Complete

2.24 Response Condition Code (ResponseConditionCode)

Name	Code Name
39	Approved
41	Rejected
42	Approval pending

2.25 Response Reason Description Code (ResponseReasonDescriptionCode)

Name	Code Name
E0H	Data not available
E0I	Unauthorised Grid Access Provider
E0J	Unauthorised Metered Data Aggregator
E0K	Unauthorised Metered Data Collector
E0L	Unauthorised Party Connected to the Grid

Code list

Name	Code Name
E0M	Unauthorised Reconciliation Responsible
E0Q	Unauthorised Meter Operator
E0R	Unauthorised Calorific Value Responsible
E09	Installation not identifiable
E10	Metering point not identifiable
E11	Measuring problem
E12	Unclear delivery relation
E13	Balancing problem
E14	Other reason
E15	No corrections
E16	Unauthorised Balance supplier
E17	Requested change date not within time limits
E18	Unauthorised balance responsible
E19	Meter stand not within limits
E22	Metering point blocked for switching
E29	Product code unknown or not related to MP
E36	No valid collaboration
E37	No valid grid access contract
E47	No ongoing switch for MP
E49	Metering grid area not identifiable
E50	Invalid period
E51	Invalid number of decimals
E52	Invalid load profile
E54	Unauthorised transport capacity responsible
E55	Unauthorised Metered Data Responsible
E59	Already existing relation
E61	Meter not identifiable
E62	Register not identifiable
E72	Asset not identifiable
E73	Incorrect measure unit
E81	MeteringPoint is not connected
E86	Incorrect value
E87	Number of observations doesn't fit observation period/resolution
E90	Measurement beyond plausibility limits
E91	Estimate is not acceptable
E97	Measurement should not be zero
E98	Measurement has a wrong sign

2.26 Response Type Code (ResponseTypeCode)

Name	Code Name
AB	Message Acknowledgement
NA	No acknowledgement needed

2.27 Sector Area Identification Code (SectorAreaIdentificationCode)

Name	Code Name
23	Electricity supply industry
27	Gas supply industry

2.28 Settlement Method Code (SettlementMethodCode)

Name	Code Name
E01	Profiled
E02	Non profiled
E15	Non-profiled netted

2.29 Supply Agreement Type Description Code (SupplyAgreementTypeDescriptionCode)

Name	Code Name
E05	Full supply
E06	Partial supply (Open contract)
E07	Partial supply (Schedule)
E08	Co-operation

2.30 Voltage Level Code (VoltageLevelCode)

Name	Code Name
E03	Maximum voltage
E04	High voltage
E05	Medium voltage
E06	Low voltage
E07	High voltage / transformation
E08	Medium voltage / transformation
E09	Low voltage / transformation

3 ebIX Aggregated for Maintenance

3.1 Agreement Type Code (AgreementTypeCode)

Name	Code Name
E01	Contract directly between Grid operator and Customer
E02	Contract between Supplier and Grid operator
E03	Payment of net usage agreement
E04	No net using contract
E05	Full supply
E06	Partial supply (Open contract)
E07	Partial supply (Schedule)
E08	Co-operation
E09	Paid by customer
E10	Paid by supplier

3.2 Characteristic Value Description Code (CharacteristicValueDescriptionCode)

Name	Code Name
E01	Profiled
E02	Non profiled
E03	Maximum voltage

Code list

Name	Code Name
E04	High voltage
E05	Medium voltage
E06	Low voltage
E07	High voltage / transformation
E08	Medium voltage / transformation
E09	Low voltage / transformation
E10	Low
E11	High
E12	Peak
E13	Continuous
E14	Non continuous
E15	Non-profiled netted
E16	Not metered
E17	Consumption
E18	Production
E19	Combined
E20	Exchange
E21	Non continuous, monthly
E22	Connected
E23	Disconnected
E24	Calculated
E25	
E26	From Party connected to grid
E27	From Metered data collector
E28	From Metered data responsible.
E29	No meter timeframe
E30	Under construction
E31	Demolished
E32	Active
E33	Inactive
E34	Medium
E35	Taken from data logger
E36	Remote
E37	Manual
E38	Manual outside
E39	Manual inside
Z04	True
Z05	False

3.3 Status Reason Description Code (StatusReasonDescriptionCode)

Name	Code Name
EOA	
EOB	
EOC	
EOD	
EOE	
EOF	Labeling
EOG	Data alignment master data MP
EOH	Data not available
EOI	Unauthorised Grid Access Provider
EOJ	Unauthorised Metered Data Aggregator

Code list

Name	Code Name
E0K	Unauthorised Metered Data Collector
E0L	Unauthorised Party Connected to the Grid
E0M	Unauthorised Reconciliation Responsible
E0N	Preparation for Reconciliation
E0O	
E0P	Preparation for Imbalance Settlement
E0Q	Unauthorised Meter Operator
E0R	Unauthorised Calorific Value Responsible
E0S	Change MP characteristics
E01	Move; Change of Party connected to the Grid
E02	New metering point
E03	Change of balance supplier
E04	Temporary supply
E05	Cancellation
E06	Unrequested change of balance supplier
E07	General Corrections
E08	Major Corrections
E09	Installation not identifiable
E10	Metering point not identifiable
E11	Measuring problem
E12	Unclear delivery relation
E13	Balancing problem
E14	Other reason
E15	No corrections
E16	Unauthorised Balance supplier
E17	Requested transaction date not within time limits
E18	Unauthorised balance responsible
E19	Meter stand not within limits
E20	End of supply
E21	Change of Party Connected to the Grid
E22	Metering point blocked for switching
E23	Periodic metering
E24	Change of meter characteristics, last stand
E25	Change of meter characteristics, first stand
E26	Validity Check
E27	Put on hold
E28	Profile maintenance
E29	Product code unknown or not related to MP
E30	Historical data
E31	Price
E32	Update master data metering point
E33	
E34	Update master data consumer
E35	Combined customer and supplier switch
E36	No valid collaboration
E37	No valid grid access contract
E38	
E39	
E40	Switch on drop
E41	Switch on drop
E42	
E43	Reconciliation
E44	Imbalance settlement

Code list

Name	Code Name
E45	Switch from provider of last resort
E46	Meter stand and metering do not correspond
E47	No ongoing switch for MP
E48	Master data for prospects
E49	Metering grid area not identifiable
E50	Invalid period
E51	Invalid number of decimals
E52	Invalid load profile
E53	Meter reading on demand
E54	Unauthorised transport capacity responsible
E55	Unauthorised metered data responsible
E56	Change of Balance Responsible
E57	Change of Metered Data Responsible
E58	Update master data meter
E59	Already existing relation
E60	Removal of meter
E61	Meter not identifiable
E62	Register not identifiable
E63	
E64	Update master data MP requiring meter reading
E65	Consumer move-in
E66	Consumer move-out
E67	Placement of meter
E68	Change of Transport Capacity Responsible
E69	Transparency, daily production
E70	Transparency, quarterly production
E71	Transparency, regulating & reserve
E72	Asset not identifiable
E73	Incorrect measure unit
E74	Change of Meter Administrator
E75	Change of metering method
E76	MeteringPoint Id and additional information do not correspond
E77	End of metering
E78	Change of grid billing model
E79	Change Connection status
E80	Change of estimated annual volume
E81	MeteringPoint is not connected
E82	
E83	
E84	Update master data meter
E85	Metering point is not connected
E86	Incorrect value
E87	Number of observations doesn't fit observation period/resolution
E88	Billing energy
E89	Billing Grid Cost
E90	Measurement beyond plausibility limits
E91	Estimate is not acceptable
E92	Change of party connected to the grid
E93	End of Party connected to Grid
E94	End of Metered Data Responsible
E95	End of Meter Administrator
E96	End of Balance Responsible
E97	Measurement should not be zero

Code list

Name	Code Name
E98	Measurement has a wrong sign
E99	

4 ebIX External

4.1 CEN

4.1.1 Energy Generation Technology Type Code (EnergyGenerationTechnologyTypeCode)

Name	Code Name
T01	Solar
T02	Wind
T03	Hydro
T04	Marine
T05	Thermal

4.1.2 Energy Label Fuel Type Code (EnergyLabelFuelTypeCode)

Name	Code Name
T01	Solar
T02	Wind
T03	Hydro
T04	Marine
T05	Thermal

4.2 EASEEGas

No codes or qualifiers.

4.3 ENTSO-E

4.3.1 Business Process Type Code (BusinessProcesTypeCode)

Name	Code Name
A01	Day ahead
A02	Intra day on the day

4.3.2 Business Type Code (BusinessTypeCode)

Name	Code Name
A34	Allocations

4.4 ISO

4.4.1 Country Identifier (CountryIdentifier)

Name	Code Name
AL	Albania
AT	Austria
BA	Bosnia

Code list

Name	Code Name
BE	Belgium
CH	Switzerland
CY	Cyprus
CZ	Czeck republic
DE	Germany
DK	Denmark
EE	Estonia
ES	Spain
FI	Finland
FR	France
GB	United Kingdom
GR	Greece
HR	Croatia
HU	Hungary
IT	Italy
LT	Lithuania
LV	Latvia
MT	Malta
NL	The Netherlands
NO	Norway
PL	Poland
PT	Portugal
RO	Romania
SE	Sweden
SI	Slovenia

4.4.2 Currency Identification Code (CurrencyIdentificationCode)

Name	Code Name
CHF	Swiss franc
DKK	Danish crown
EUR	Euro
GBP	Pound sterling
NOK	Norwegian crown
PLN	Polish Zloty
RUB	Russian ruble
SEK	Swedish crown

4.4.3 Language Code (LanguageCode)

Name	Code Name
dan	Danish
deu	German
fin	Finnish
fra	French
hrv	Croatian
nld	Dutch
nor	Norwegian
pol	Polish
slk	Slovak
slv	Slovenian
srp	Serbian
swe	Swedish

5 ebIX National

5.1 Austria (AT)

No codes or qualifiers.

5.2 Belgium (BE)

5.2.1 Codes

5.2.1.1 BE Account Overview Type (BE_AccountOverviewType)

Name	Code Name
BCC	Payment
BCD	Daily Volume
BCE	Open Debt
BCF	Payment Plan

5.2.1.2 BE Business Reason Code (BE_BusinessReasonCode)

Name	Code Name
B95	Unscheduled meter reading
BA9	Stop Energy Supply
BAJ	Preswitching TPDA
BAK	Start Data Contract
BAL	Update Business Master Data TPDA
BAO	End Data Contract
BAQ	Financial Settlement
BBA	Data contract stopped by DGO
BBB	New customer on Service Delivery Point
BBC	Data service unavailable
BBW	Contract Category change
BCO	Regularization Form
BG0	Initiate Leaving Customer
BG1	Start Access
BG2	Initiate Update Access
BG3	Initiate Local Production
BG4	Update Customer Metering Configuration
BG5	Request Start
BG6	Prepayment
BK1	Intervention requiring a meter read.
BQ8	Residential Drop
BQ9	Debts
BR0	Cut-Off
BS3	Initiate Stop Access
BT3	Preswitching
BT8	Billing
BU1	Validation of Meter Reads
BV1	Operational Balancing
ERR	Rectification

Code list

5.2.1.3 BE Business Role Code (BE_BusinessRoleCode)

Name	Code Name
BD5	Previous Contractual Party
BD6	Following Contractual Party
BD7	Administrative Contact For DGO

5.2.1.4 BE Calculation Type (BE_CalculationType)

Name	Code Name
BE0	Compensation
BE1	Valorisation

5.2.1.5 BE Contract Category (BE_ContractCategory)

Name	Code Name
B12	Residential
B13	Non-residential

5.2.1.6 BE Cost Category (BE_CostCategory)

Name	Code Name
D	Distribution Cost
T	Transport Cost

5.2.1.7 BE Document Name Code (BE_DocumentNameCode)

Name	Code Name
B60	Aggregated validated metered data, time series
B77	Portfolio data
B80	Estimated Metrics
BAA	Synthetic Profile Data
BAF	Infeed Correction Factors
BAS	Notification regarding a rectification
BAT	Response regarding a rectification
BAV	Aggregated Allocation Data for Price Calculation
BAW	Prices for Financial Settlement
BAX	Master Data Balance Supplier
BAY	Aggregated federal reconciliation of compensation volumes and amounts
BAZ	Regional reconciliation of compensation amounts
BD9	Meter Reading Period Extension
BMX	Master data, Metering Point and Customer
BMY	Note related to financial adjustments
BT9	Historical Metered Data
BU0	Response of Metered Data Request
BV6	Notification about Settlement
BV7	Aggregated Metered Data for Reconciliation of the Compensation Volumes
BV8	Report on the split of the reconciliation of the compensation volumes
BW2	Portfolio Data For Capacity Allocation
BZ0	Notification of Contestation
BZ1	Infeed Metered Data

Code list

Name	Code Name
BZ2	Exchange Point Metered Data
BZ3	Exchange Point Control Data
BZ4	Infeed Control Data
BZ8	Substation Control Data
BZ9	Exchange Point Control Data

5.2.1.8 BE Electricity Technology Production Type (BE_ElectricityTechnologyProductionType)

Name	Code Name
T010000	Solar - Unspecified - Unspecified
T010100	Solar - Photovoltaic - Unspecified
T010101	Solar - Photovoltaic - Classic silicon
T010102	Solar - Photovoltaic - Thin film
T010200	Solar - Concentration - Unspecified
T020000	Wind - Unspecified - Unspecified
T020001	Wind - Unspecified - Onshore
T020002	Wind - Unspecified - Offshore
T030000	Hydro-electric head installations - Unspecified - Unspecified
T030100	Hydro-electric head installations - Run-of-river head installation - Unspecified
T030200	Hydro-electric head installations - Storage head installation - Unspecified
T030300	Hydro-electric head installations - Pure pumped storage head installation - Unspecified
T030400	Hydro-electric head installations - Mixed pumped storage head - Unspecified
T040000	Marine - Unspecified - Unspecified
T040100	Marine - Tidal - Unspecified
T040101	Marine - Tidal - Onshore
T040102	Marine - Tidal - Offshore
T040200	Marine - Wave - Unspecified
T040201	Marine - Wave - Onshore
T040202	Marine - Wave - Offshore
T040300	Marine - Currents - Unspecified
T040400	Marine - Pressure - Unspecified
T050000	Thermal - Unspecified - Unspecified
T050001	Thermal - Unspecified - Non CHP
T050002	Thermal - Unspecified - CHP
T050100	Thermal - Combined cycle gas turbine with heat recovery - Unspecified
T050101	Thermal - Combined cycle gas turbine with heat recovery - Non CHP
T050102	Thermal - Combined cycle gas turbine with heat recovery - CHP
T050200	Thermal - Steam turbine with back-pressure turbine (open cycle) - Unspecified
T050201	Thermal - Steam turbine with back-pressure turbine (open cycle) - Non CHP
T050202	Thermal - Steam turbine with back-pressure turbine (open cycle) - CHP
T050300	Thermal - Steam turbine with condensation turbine (closed cycle) - Unspecified
T050301	Thermal - Steam turbine with condensation turbine (closed cycle) - Non CHP
T050302	Thermal - Steam turbine with condensation turbine (closed cycle) - CHP
T050400	Thermal - Gas turbine with heat recovery - Unspecified
T050401	Thermal - Gas turbine with heat recovery - Non CHP
T050402	Thermal - Gas turbine with heat recovery - CHP
T050500	Thermal - Internal combustion engine - Unspecified
T050501	Thermal - Internal combustion engine - Non CHP
T050502	Thermal - Internal combustion engine - CHP
T050600	Thermal - Micro-turbine - Unspecified
T050601	Thermal - Micro-turbine - Non CHP
T050602	Thermal - Micro-turbine - CHP

Code list

Name	Code Name
T050700	Thermal - Stirling engine - Unspecified
T050701	Thermal - Stirling engine - Non CHP
T050702	Thermal - Stirling engine - CHP
T050800	Thermal - Fuel cell - Unspecified
T050801	Thermal - Fuel cell - Non CHP
T050802	Thermal - Fuel cell - CHP
T050900	Thermal - Steam engine - Unspecified
T050901	Thermal - Steam engine - Non CHP
T050902	Thermal - Steam engine - CHP
T051000	Thermal - Organic rankine cycle - Unspecified
T051001	Thermal - Organic rankine cycle - Non CHP
T051002	Thermal - Organic rankine cycle - CHP
T060000	Nuclear - Unspecified - Unspecified
T060100	Nuclear - Heavy-water reactor - Unspecified
T060200	Nuclear - Light water reactor - Unspecified
T060300	Nuclear - Breeder - Unspecified
T060400	Nuclear - Graphite reactor - Unspecified
T070000	Other - Unspecified - Unspecified

5.2.1.9 BE Energy Product Identifier (BE_EnergyProductIdentifier)

Name	Code Name
5410000100023	Gas Caloric Value (GCV)
5410000100030	Climate Correction Factor
5410000100047	Correction Factor
5410000100054	Load Profile Factors

5.2.1.10 BE File Encoding (BE_FileEncoding)

Name	Code Name
BW4	base64

5.2.1.11 BE Fuel Types (BE_FuelTypes)

Name	Code Name
F00000000	Unspecified - Unspecified - Unspecified - Unspecified
F01010000	Renewables - Solid - Unspecified - Unspecified
F01010101	Renewables - Solid - Municipal waste - Biogenic
F01010201	Renewables - Solid - Industrial and commercial waste - Biogenic
F01010300	Renewables - Solid - Wood - Unspecified
F01010301	Renewables - Solid - Wood - Forestry products
F01010302	Renewables - Solid - Wood - Forestry by-products & waste
F01010400	Renewables - Solid - Animal Fats - Unspecified
F01010500	Renewables - Solid - Biomass from agriculture - Unspecified
F01010501	Renewables - Solid - Biomass from agriculture - Agricultural products
F01010502	Renewables - Solid - Biomass from agriculture - Agricultural by-products & waste
F01020000	Renewables - Liquid - Unspecified - Unspecified
F01020100	Renewables - Liquid - Municipal biodegradable waste - Unspecified
F01020200	Renewables - Liquid - Black liquor - Unspecified
F01020300	Renewables - Liquid - Pure plant oil - Unspecified

Code list

Name	Code Name
F01020301	Renewables - Liquid - Pure plant oil - Rapeseed (Brassica napus L.)
F01020302	Renewables - Liquid - Pure plant oil - Sunflower (Helianthus annuus L.)
F01020303	Renewables - Liquid - Pure plant oil - Oil palm (Elaeis guineensis Jacq.)
F01020304	Renewables - Liquid - Pure plant oil - Coconut (Cocos nucifera L.)
F01020305	Renewables - Liquid - Pure plant oil - Yatropha
F01020400	Renewables - Liquid - Waste plant oil - Unspecified
F01020500	Renewables - Liquid - Refined vegetable oil - Unspecified
F01020501	Renewables - Liquid - Refined vegetable oil - Biodiesel (mono-alkyl ester)
F01020502	Renewables - Liquid - Refined vegetable oil - Biogasoline (C6-C12 hydrocarbon)
F01030000	Renewables - Gaseous - Unspecified - Unspecified
F01030100	Renewables - Gaseous - Landfill gas - Unspecified
F01030200	Renewables - Gaseous - Sewage gas - Unspecified
F01030300	Renewables - Gaseous - Agricultural gas - Unspecified
F01030301	Renewables - Gaseous - Agricultural gas - Pig manure
F01030302	Renewables - Gaseous - Agricultural gas - Cow manure
F01030303	Renewables - Gaseous - Agricultural gas - Chicken manure
F01030304	Renewables - Gaseous - Agricultural gas - Unspecified manure
F01030305	Renewables - Gaseous - Agricultural gas - Energy crops
F01030400	Renewables - Gaseous - Gas from organic waste digestion - Unspecified
F01030501	Renewables - Gaseous - Process gas - Biogenic
F01040100	Renewables - Heat - Solar - Unspecified
F01040200	Renewables - Heat - Geothermal - Unspecified
F01040201	Renewables - Heat - Geothermal - Conventional geothermal heat
F01040202	Renewables - Heat - Geothermal - Enhanced dry bed geothermal heat
F01040300	Renewables - Heat - Aerothermal - Unspecified
F01040400	Renewables - Heat - Hydrothermal - Unspecified
F01040501	Renewables - Heat - Process heat - Biogenic
F01050000	Renewables - Mechanical source or other - Unspecified - Unspecified
F01050100	Renewables - Mechanical source or other - Wind - Unspecified
F01050200	Renewables - Mechanical source or other - Hydro & marine - Unspecified
F02010000	Fossil - Solid - Unspecified - Unspecified
F02010100	Fossil - Solid - Hard coal - Unspecified
F02010101	Fossil - Solid - Hard coal - Anthracite
F02010102	Fossil - Solid - Hard coal - Bituminous coal
F02010103	Fossil - Solid - Hard coal - Coking coal
F02010104	Fossil - Solid - Hard coal - Coke-oven coke
F02010105	Fossil - Solid - Hard coal - Lignite coke
F02010200	Fossil - Solid - Brown coal - Unspecified
F02010201	Fossil - Solid - Brown coal - Sub-bituminous coal
F02010202	Fossil - Solid - Brown coal - Lignite
F02010203	Fossil - Solid - Brown coal - Brown coal briquette
F02010204	Fossil - Solid - Brown coal - Peat briquette
F02010300	Fossil - Solid - Peat - Unspecified
F02010400	Fossil - Solid - Municipal waste - Unspecified
F02010500	Fossil - Solid - Industrial and commercial waste - Unspecified
F02010501	Fossil - Solid - Industrial and commercial waste - Non-renewable
F02020000	Fossil - Liquid - Unspecified - Unspecified
F02020100	Fossil - Liquid - Crude oil - Unspecified
F02020101	Fossil - Liquid - Crude oil - Shale oil
F02020200	Fossil - Liquid - Natural gas liquids (NGL) - Unspecified
F02020300	Fossil - Liquid - Petroleum products - Unspecified
F02020301	Fossil - Liquid - Petroleum products - Ethane
F02020302	Fossil - Liquid - Petroleum products - Naphtha

Code list

Name	Code Name
F02020303	Fossil - Liquid - Petroleum products - Aviation gasoline
F02020304	Fossil - Liquid - Petroleum products - Motor gasoline
F02020305	Fossil - Liquid - Petroleum products - Aviation turbine fuel
F02020306	Fossil - Liquid - Petroleum products - Other kerosene
F02020307	Fossil - Liquid - Petroleum products - Gas-diesel oil
F02020308	Fossil - Liquid - Petroleum products - Fuel oil low-sulphur
F02020309	Fossil - Liquid - Petroleum products - Fuel oil high-sulphur
F02020310	Fossil - Liquid - Petroleum products - Liquid Petroleum Gas
F02020311	Fossil - Liquid - Petroleum products - Orimulsion
F02020312	Fossil - Liquid - Petroleum products - Bitumen
F02020313	Fossil - Liquid - Petroleum products - Lubricants
F02020314	Fossil - Liquid - Petroleum products - Petroleum coke
F02020315	Fossil - Liquid - Petroleum products - Refinery Feedstock
F02030000	Fossil - Gaseous - Unspecified - Unspecified
F02030100	Fossil - Gaseous - Natural gas - Unspecified
F02030200	Fossil - Gaseous - Coal-derived gas - Unspecified
F02030201	Fossil - Gaseous - Coal-derived gas - Blast furnace gas
F02030202	Fossil - Gaseous - Coal-derived gas - Coke-oven gas
F02030300	Fossil - Gaseous - Petroleum products - Unspecified
F02030301	Fossil - Gaseous - Petroleum products - Propane
F02030302	Fossil - Gaseous - Petroleum products - Butane
F02030303	Fossil - Gaseous - Petroleum products - Refinery gas
F02030304	Fossil - Gaseous - Petroleum products - Chemical waste gas
F02030400	Fossil - Gaseous - Municipal gas plant - Unspecified
F02030500	Fossil - Gaseous - Process gas - Unspecified
F02030501	Fossil - Gaseous - Process gas - Carbon monoxide
F02030502	Fossil - Gaseous - Process gas - Methane
F02030503	Fossil - Gaseous - Process gas - Hydrogen (fossil sourced)
F02030504	Fossil - Gaseous - Process gas - Phosphor gas
F02030505	Fossil - Gaseous - Process gas - Oxy gas
F02040000	Fossil - Heat - Unspecified - Unspecified
F02040001	Fossil - Heat - Unspecified - Non-renewable
F02040100	Fossil - Heat - Process heat - Unspecified
F02040101	Fossil - Heat - Process heat - Non-renewable
F03010100	Nuclear - Solid - nuclear fuel - Unspecified
F03010101	Nuclear - Solid - nuclear fuel - UOX
F03010102	Nuclear - Solid - nuclear fuel - AGR
F03010103	Nuclear - Solid - nuclear fuel - MOX

5.2.1.12 BE Gas Technology Production Type (BE_GasTechnologyProductionType)

Name	Code Name
BT4	Biomethanation

5.2.1.13 BE Identity Type Code (BE_IdentityTypeCode)

Name	Code Name
BR8	National Registry Number
BR9	NACE Code
BS0	Enterprise Number
BS1	Contract Number

5.2.1.14 BE Incrementation Type (BE_IncrementationType)

Name	Code Name
B27	Cumulative
B28	Non-cumulative

5.2.1.15 BE Invoice Type (BE_InvoiceType)

Name	Code Name
BBD	Tariff Information
BF1	Gridfee Advance
BF2	Gridfee Final Bill
BK4	Gridfee Reference Advance
BX4	PSO Reference Advance
BX5	PSO Advance
BX6	PSO Final Bill
BX7	TRC Final Bill

5.2.1.16 BE Labels Code (BE_LabelsCode)

Name	Code Name
B01	Initial Master Data
B03	Update Metering Point No Index
B04	Update Meter With Index
B90	Without Handover Document
BA1	Update Metering Point With Index
BA2	Update Meter No Index
BA9	Stop Energy Supply
BAM	Start Data Contract
BAN	Business Master Data TPDA
BAP	End Data Contract
BB2	Switch Back Brussels
BB3	Power Limiter Installation
BB4	Power Limiter Removal
BBE	Technical Master Data TPDA
BC0	Budget Meter Installation/Activation
BF3	With Handover Document
BF4	Residential Drop
BF5	Non Residential Drop
BF6	Residential End Of Contract
BF7	Non Residential End Of Contract
BF8	Budget Meter Deactivation
BF9	Regularization Form
BG4	Update Customer Metering Configuration
BG7	Request Rectification
BG8	Update Process
BG9	Prepayment Interruption
BH0	Prepayment Re-Establishment
BH1	Preventive Alarm
BH2	Balance Notification
BH3	Rescue Credit Alarm

Code list

Name	Code Name
BH4	Cut off Brussels
BJ4	Payment Notification
BJ5	Light
BJ6	Basic
BJ7	Full
BJ8	Loss
BJ9	Label Change For ILC
BK0	Unsollicited Cancel
BK2	Cancel Loss
BK3	Contestation ILC
BQ7	Loss - Deactivate Service Component
BS2	Move In
BS4	Cancel Request
BS5	Update Business Master Data
BS6	Combined Switch
BS7	Update BRP
BS8	Customer Switch
BS9	Supplier Switch
BT0	Switch To Solr
BT1	Initiate Leaving Customer
BT2	Cancel
BV0	Request Approval Rectification

5.2.1.17 BE Measurement Unit Code (BE_MeasurementUnitCode)

Name	Code Name
EA	each
KVT	Kilovolt
Z15	KwH/M3
Z19	KwH/Month

5.2.1.18 BE Meter Display Technology (BE_MeterDisplayTechnology)

Name	Code Name
BD0	Electronic
BD8	Mechanical

5.2.1.19 BE Metered Data Collection Method (BE_MeteredDataCollectionMethod)

Name	Code Name
BH5	Manual Read
BH6	Remote Reading, 1-Way
BH7	Remote Reading, 2-Way

5.2.1.20 BE Metering Method Code (BE_MeteringMethodCode)

Name	Code Name
BU4	Continuous Hourly
BU5	Continuous Daily

5.2.1.21 BE Metering Point Configuration (BE_MeteringPointConfiguration)

Name	Code Name
BR1	Not Metered
BR2	Metered

5.2.1.22 BE_MeteringPointTypeCode

Name	Code Name
BR3	Injection
BR4	Off-Take

5.2.1.23 BE Metering Regime (BE_MeteringRegime)

Name	Code Name
R1	Metering Regime 1
R3	Metering Regime 3

5.2.1.24 BE Meter Installed Functionality (BE_MeterInstalledFunctionality)

Name	Code Name
BR2	Metering
BR6	Pre-payment
BU6	Budget Metering

5.2.1.25 BE Meter Purpose (BE_MeterPurpose)

Name	Code Name
B25	Main
B26	Check
B43	Calculated
BR5	Dependent

5.2.1.26 BE Meter Reading Origin Code (BE_MeterReadingOriginCode)

Name	Code Name
BQ5	From extrapolation
BQ6	From interpolation
BV2	From Metered Volumes
BV3	From Allocation Volumes
BV4	From Allocation and Metered Volumes
BV5	From Reconciliation Volumes
BZ5	From Exchange Point Volumes
BZ6	From Reported Data
BZ7	From Difference Calculation

Code list

5.2.1.27 BE Meter Time Frame Code (BE_MeterTimeFrameCode)

Name	Code Name
B36	Exclusive Night Time Frame
B37	Total Hours Time Frame
B48	Not used
NPH	Non Peak High Time Frame
NPK	Non Peak Time Frame
NPL	Non Peak Low Time Frame
PKH	Peak High Time Frame
PKL	Peak Low Time Frame

5.2.1.28 BE Meter Type (BE_MeterType)

Name	Code Name
B19	Budget Meter
B20	Usual
BR1	Smart Meter

5.2.1.29 BE Monetary Amount Type Code (BE_MonetaryAmountTypeCode)

Name	Code Name
ZAA	Reconciliation of Compensation Price
ZAB	Reconciliation Price

5.2.1.30 BE MP Characteristic Types (BE_MPCharacteristicTypes)

Name	Code Name
B01	Metering Configuration reference
B02	Part reference in metering configuration
B40	Connection point pressure level

5.2.1.31 BE Prepayment Labels Code (BE_PrepaymentLabelsCode)

Name	Code Name
BCB	Prepayment Power Limiter
BCG	Remote Transaction
BCH	Account Overview
BCI	Account Creation
BCJ	Financial Situation
BCK	Account Deactivation
BCL	Credit Situation
BCM	Daily Volume
BCP	Account Update

5.2.1.32 BE Prepayment Physical Status Code (BE_PrepaymentPhysicalStatusCode)

Name	Code Name
BBY	Full Power
BBZ	Limited Power
BCA	No Power

5.2.1.33 BE Pressure Level Code (BE_PressureLevelCode)

Name	Code Name
B44	Low Pressure
B45	Medium Pressure

5.2.1.34 BE Process Detail (BE_ProcessDetail)

Name	Code Name
BBX	Advance Recalculation
BC1	Intermediate run
BC2	Validation Run
BC3	Final run
BH9	Information on Consumption

5.2.1.35 BE Processing Type (BE_ProcessingType)

Name	Code Name
BH8	In Sequence
BMO	Final Sequence

5.2.1.36 BE Pull Type (BE_PullType)

Name	Code Name
B10	Allocation Electricity Results By Access Point
B11	Snapshots Electricity
B12	Allocation Gas Results By Access Point
B13	Snapshots Gas
B14	Reconciliation Results By Access Point
B15	VIA Volume By Access Point
B16	Portfolio By Access Point
B17	Gridfee Advance By Access Point
B18	Gridfee By Access Point
B19	Gridfee Reference Advance By Access Point
BL0	Bmetering By Access Point
BL1	Bmonthly By Access Point
BL2	Reference Bmonthly By Access Point
BL3	TRC By Access Point

5.2.1.37 BE Reason Description Code (BE_ReasonDescriptionCode)

Name	Code Name
24	Examination required by relevant authority (MROD)
40	Not identified.
B57	Defect in Meter.
B58	Defect in transmission equipment.
B59	Wrong factor used in calculation.
B86	Fraud.
B96	Decentralised Production - Consumption Negative.
BCZ	Meterchange by DGO - Compensation.

5.2.1.38 BE Reconciliation Volume Type (BE_ReconciliationVolumeType)

Name	Code Name
BJ0	VI Volume
BJ1	Allocation Volume
BJ2	Reconciliation Volume
BJ3	Reconciliation Of The Compensation Volume

5.2.1.39 BE Rectification Catalogue (BE_RectificationCatalogue)

Name	Code Name
BI01	Gridfee message not received
BI02	PSO message not received
BI03	Transaction Cost message challenged
BI04	Pure Bill mass rectification
BI05	Pure Bill no mass rectification
BI06	Bill rectification triggered by a measure rectification
BI07	Bill rectification triggered by TMD rectification
ME01	Measure message not received
ME02	Wrong date or period
ME03	Wrong index
ME04	Wrong volume
ME05	Wrong ExV received
ME06	Message incomplete
ME07	Period en-or indexes not consecutive
ME08	Different volumes between TS for a same period
ME09	No valid period or date between two messages in comparison with a MD message
RE01	Contestation of a message coming from a spontaneous rectification
RE02	Rectification overlapping with reconciliated period
SE01	Allocation message not received
SE02	Reconciliation message not received
SE03	Reconciliation of compensation message not received
SE04	Volume VI wrongly splitted
ST01	Accept/Reject (ST-INT-2/3) message not received
ST02	Loss/Deactivate SC message (ST-INT-4) not received
ST03	Update Technical Master Data message (ST-INT-42) not received
ST04	Initial Technical Master Data message (ST-INT-5) not received
ST05	Wrong type meter given in message
ST06	Wrong desynchronization status given in message
ST07	Meter inverted in message
ST08	Wrong others TMD fields in message
ST09	Wrong installation address
ST10	Difference on technical data between two messages
ST11	Mystery Switch - Cancel process in the past
ST12	Slice to add by supplier after contestation Initiate Leaving Customer
ST13	Reject contestation Initiate Leaving Customer
ST14	Mystery Switch - Cancel process in the future
ST15	Wrong information about protected or non protected customer
ST16	Wrong information about Residential or Non Residential customer
ST17	Wrong information about Enterprise Number
ST18	Wrong information about NACE code
ST19	Wrong information about National Registry Number

Code list

Name	Code Name
ST20	Wrong information about Business Master Data

5.2.1.40 BE Reference Type (BE_ReferenceType)

Name	Code Name
BK5	Paper Bill
BK6	UTIL-TS
BK7	UTIL-FEE
BK8	Ticket Number
BK9	Reference Advance
BX1	UTIL-PSO
BX2	UTIL-TRC
BX3	Initial Request

5.2.1.41 BE Response Condition Code (BE_ResponseConditionCode)

Name	Code Name
BCN	Start Access Missing
BL4	ERR
BL5	CANCEL
BL6	Request For Processing
BL7	Negative Closing: Request Denied
BL8	Negative Closing: Request Not Treated
BL9	Positive Closing
BM0	Open

5.2.1.42 BE Response Reason Description Code (BE_ResponseReasonDescriptionCode)

Name	Code Name
B07	The request XML syntax is incorrect
B63	The market specification (Gas/Electricity) is incorrect
B64	The Access Point physical status is active
B93	The transaction is not allowed for this region
BAG	The initiator of the cancel request is not equal to the initiator of the original request
BAH	The Original Transaction ID of the cancel request does not refer to a MROD request
BAI	The cancel request and the original request refer to a different Access Point
BAR	The rectification period in the request is not a reconciliated period
BB5	The NACE code is not present in the standard NACE code list
BBF	The request doesn't contain the Request Unlock Flag
BM1	The Service Delivery Point is locked on request date
BM2	The transaction ID is not unique for the initiator
BM3	The Request Unlock flag is activated and the Access Point is not locked
BM4	The Access Point contractual status is incorrect
BM5	The status of the Budget Meter is incorrect
BM6	No contractual status of one of the access point linked to the headpoint is active
BM7	The Requester is not active in access register for this Service Delivery Point on Requested Date
BM8	The contract category is non residential and the customer is indicated as Protected
BM9	The effective date is incorrect
BMA	The field is empty
BMC	The requestor GLN is not the same as the non-commercial supplier

Name	Code Name
BMG	The headpoint of the request is not known in the list of headpoints in the DataAccessContract
BMH	Another transaction is already in progress
BMI	The effective date is later than the effective date of another transaction
BMJ	The effective date is later or equal to the effective date of another transaction
BMK	The effective date is the same than the effective date of another transaction
BML	The effective date is sooner or equal to the effective date of another transaction
BMM	The effective date is sooner than the effective date of another transaction
BMN	The effective date is equal to a periodic meter reading that occurred in the past
BMS	There is no MarketSDP with contractual status actif/pseudo actif on the MarketHeadpoint
BMT	Client is residential
BN0	The meter of the access point is a classic YMR or a smart meter
BN1	A Local Production is not installed
BN2	The requested service component is not proposed at the correct date
BN3	The requested Service Delivery Point configuration does not comply with the authorized combinations
BN4	The preswitching Transaction ID missing
BN5	Take Over ILC flag is activated and the Effective Date is smaller than 60 days in the past
BN6	The Handover document is not present while the flag Contestation ED/Index is activated
BN7	The Contestation flag is activated while the Effective Date is in future
BN8	The requested power is not equal to 2300W or 4600W
BN9	The contract category is incorrect
BO0	The Access point is not linked to a main service component
BPO	The Requester is not active in access register for this Service Delivery Point on Requested Date and has no pending Move In
BP1	The meter of the access point is not a classic meter
BP9	The meter of the access point is not a smart meter
BQ0	The original Transaction ID does not correspond to the one in the original request
BQ1	The original Transaction ID does not correspond to an executed request
BQ2	The Access point of the request does not correspond to the request to be canceled
BQ3	The Access point of the request is not contractually active at the effective date
BQ4	One Initiate Leaving Customer linked to the headpoint is not regularized
BU9	An Initiate Leaving Customer module cannot be processed on this Production/Injection Access Point
BW0	Inconsistency in allocation data; replacement values used.
BW1	Inconsistency in allocation data. Data not included in calculation
BW3	Requested SDP is a production / injection metering point (as secondary component)
BW5	An index should have been provided for this request
BW6	The request date should not be before the requested effective date
BW7	An index should not have been provided for this request
BW8	An existing process will already return a meter read on the RED
BW9	The supplier, the net user or the Service Delivery Point of the request will change between the request date and the RED
BX0	The demand could not be fulfilled within the allowed time period
BX8	The access point is not linked to the secondary service component
BX9	The indexset is not complete
BY0	There is no regularized Initiate Leaving Customer linked to the headpoint
BY1	The effective date is the same as the date of the not regularized Initiate Leaving Customer
BY2	The reference transaction id is referring to a request that is not expecting a response
BY3	Request is still expecting response
BY4	Judicial reference code is missing
BY5	Index is not present
BY6	The installed power limiter has not the correct power

Code list

Name	Code Name
BY7	There is no power limiter
BY8	The request is not in the past
BY9	The requester is different from the non-commercial supplier

5.2.1.43 BE Settlement Method Code (BE_SettlementMethodCode)

Name	Code Name
BAU	Profiled Netted
BU7	Non-profiled, SMR3
BU8	Profiled, Monthly Estimate
BU9	Profiled, Monthly Meter Read

5.2.1.44 BE Standard Load Profile Code (BE_StandardLoadProfileCode)

Name	Code Name
S00	'RLP' Settlement Load Profile - RLPON
S01	'RLP' Settlement Load Profile - RLPOM
S02	'RLP' Settlement Load Profile - RLP1
S03	'RLP' Settlement Load Profile - RLP1'
S04	'RLP' Settlement Load Profile - RLP2
S10	'RLP' Real Load Profile Electricity
S11	'SLP' Industrial < 56 kVA Electricity
S12	'SLP' Industrial >= 56 kVA Electricity
S21	'SLP' Residential night/day <1,3, also only day - Electricity
S22	'SLP' Residential night/day >= 1,3 - Electricity
S23	'SLP' Exclusive Night - Electricity
S30	'RLP' Real Load Profile Gas
S31	'SLP' < 150 000 kWh {Industrial heating} - Gas
S32	'SLP' >= 150 000 kWh {Industrial Process} - Gas
S41	'SLP' Residential Gas
S50	SPP Photovoltaic Electricity
S70	'LP' Net Losses - Electricity
S78	'KCF' Climate Correction Factor - Gas
S79	'KCF' Climate Correction Factor - Electricity
S81	Gross Volume (compensation and valorisation)
S82	Reduced Volume (compensation and valorisation)
S83	Delta Volume (S82-S81 consumption)
S88	'RF' Residu Factor - Gas
S89	'RF' Residu Factor - Electricity
S98	'LP' Sum of all RLP + SLP Gas
S99	'LP' Sum of all RLP + SLP Electricity

5.2.1.45 BE Technical Reason (BE_TechnicalReason)

Name	Code Name
BE7	Stop LAC
BE8	Update Process
BE9	Definitive Closing
BF0	Temporary Closing For Security Reason
BR7	LAC

5.2.1.46 BE Time Frame Set (BE_TimeFrameSet)

Name	Code Name
BBG	EX
BBH	HILOEX
BBI	HILO
BBJ	HILOEXPK
BBK	HILONPK
BBL	HILOPK
BBM	HILOPKHPKL
BBN	NPHNPLPKHPKL
BBO	NPK
BBP	PKNPHNPL
BBQ	TH
BBR	THEX
BBS	THHILO
BBT	THHILOEX
BBU	THNPK
BBV	THHILOPK

5.2.1.47 BE Utilization Category (BE_UtilizationCategory)

Name	Code Name
BAB	Flat consumption
BAC	Public Lighting
BAD	Netlosses
BAE	Not Categorized

5.2.1.48 BE Validation Set (BE_ValidationSet)

Name	Code Name
B52	Validation: Automated
B53	Validation: Manual
B54	Validation: Confirmed
BD4	Validation: Smart

5.3 Switzerland (CH)

5.3.1 Codes

5.3.1.1 Business Reason Code (BusinessReasonCode)

Name	Code Name
C10	Check Information
C11	Kostenzuteilung (Systemdienstleistung)
C12	Kostenwälzung

5.3.1.2 Document Name Code (DocumentNameCode)

Name	Code Name
C01	Notification
C02	Notification

5.4 Germany (DE)

No codes or qualifiers.

5.5 Denmark (DK)

5.5.1 Codes

5.5.1.1 Business Reason Code (BusinessReasonCode)

Name	Code Name
D01	Non-periodic metering
D02	Preparation for imbalance settlement
D03	Temporary
D04	1st settlement
D05	2nd settlement
D06	Continuous meter reading from profiled metering points
D07	Rollback of Change-of-supplier
D08	Request/confirm master data, Metering point
D09	Latest available value
ERR	Information on rejection

5.5.1.2 Metered Data Collection Method Code (MeteredDataCollectionMethodCode)

Name	Code Name
D01	Automatic (AMR)
D02	Manual

5.5.1.3 Metering Point Type Code (MeteringPointTypeCode)

Name	Code Name
D01	VE production
D02	Technical
D03	Own production

5.5.1.4 Meter Reading Occurrence Code (MeterReadingOccurrenceCode)

Name	Code Name
D01	5 minutes
D02	15 minutes
D03	Hour
D04	Day
D05	Month
D06	Quarter (3 months)
D07	Year

5.5.1.5 Net Settlement Group (NetSettlementGroup)

Name	Code Name
0	
1	
2	
3	
4	
5	
6	
7	

5.5.1.6 Physical Status Code (PhysicalStatusCode)

Name	Code Name
D01	Inactive
D02	Closed down
D03	New

5.5.1.7 Response Reason Description Code (ResponseReasonDescriptionCode)

Name	Code Name
D01	The document is approved
D02	General error
D03	Missing consumer name or address
D04	Unauthorised Grid access provider
D05	Metering point ID does not match the one from the original document
D06	Reference to transaction ID does not match the one from the original document
D07	Ongoing move process
D08	Balance supplier does not match the current Balance supplier

5.5.2 Qualifiers

5.5.2.1 Characteristic Description Code (CharacteristicDescriptionCode)

Name	Code Name
D01	Standard industrial classification code
D02	Meter reading Occurrence
D03	Web access code
D04	Meter reading transmission method
D05	Net Settlement Group

5.6 Netherlands (NL)

5.6.1 Codes

5.6.1.1 DPO

5.6.1.1.1 Electricity SLPC Code (ElectricitySLPCCode)

Code list

Name	Code Name
1A	
1B	
1C	
2A	
2B	
3A	
3B	
3C	
3D	
4A	

5.6.1.1.2 Gas SLPC Code (GasSLPCCode)

Name	Code Name
G1A	
G2A	
G2B	
G2C	
GGV	
GIN	
GIS	
GKV	
GXX	
EBO	

5.6.1.1.3 Business Reason Code (BusinessReasonCode)

Name	Code Name
C01	Offer Regulating Power
C02	Offer Reserve Power for Balancing
C03	Offer Reserve Power Other
C04	Overview Activated Reserve Power Other
C05	Activate Reserve Power Other
E0A	Imbalance Settlement, Measured Data disputed
E0B	Imbalance Settlement, Measured Data expected and not received
E0C	Imbalance Settlement, Time limit for estimations exceeded
E0D	Imbalance Settlement, Measured Data received but not expected
E0E	Collected data established after dispute
E24	Change of meter characteristic, last stand
E25	Change of meter characteristic, first stand
E69	Transparency, daily production
E70	Transparency, quarterly production
E71	Transparency, regulating & reserve
E99	Non-event data collection
N01	Interchange power schedule

5.6.1.1.4 Consumption Category Code (ConsumptionCategoryCode)

Name	Code Name
C01	Retail

Code list

Name	Code Name
C02	Wholesale

5.6.1.1.5 **Deprecated**

5.6.1.1.5.1 **Business Document Acceptance Status Code (BusinessDocumentAcceptanceStatusCode)**

Name	Code Name
E46	Meter stand and metering date do not correspond
E76	MP ID and additional information do not correspond
M03	>1 TCR for Metering Point
N01	Reference to unknown request
N02	Invalid identification
N03	Invalid activation period
N04	Invalid activation time
N05	Invalid ramp rate
N06	Invalid capacity
N07	Price out of range
N08	Received after gate closure
N09	Price has been corrected
N10	Updates are not allowed
N11	Invalid reference
N12	Data not in line with contract
N13	Date of operation cannot be in the past
N14	Date of operation is too far in the future
N15	Received after start of day of operation
N16	Capacity cannot vary within an offer
N17	Changes in the past are not allowed
N18	Price must be zero
N19	Party connected to the grid has to be the same
N20	Balance responsible has to be the same
N21	Date of operation has to be the same
N22	Request number has to be the same
N23	Invalid reference to request
N24	Unauthorized party for regulating power
N25	Invalid order of PTU's
N26	Unknown relation between offering party and party connected to the grid
N27	Proposed data too old
N28	Measuring date before already established date
N29	Measured data lower than already established data
N30	Already too many proposals received
N31	Dispute reported too late
N32	Non-event or disputed event measurements not allowed
N33	Measurement does not comply to validation rules
N34	Already ongoing measuring

5.6.1.1.5.2 **Business Document Type Code (BusinessDocumentTypeCode)**

Name	Code Name
C01	Commercial Transaction to SO
C02	Notification from SO
E01	Production nomination
E02	Aggregated production nomination

Code list

Name	Code Name
E09	Master data balance responsibility
E17	Schedule for delta values
E18	Response to schedule delta values
E23	Metered data for profiling
E24	Aggregated metered data from Grid Company to Balance Supplier
E25	Reconciled volumes to the Billing Agent
E26	Reconciled volumes to Balance Responsible
E28	Metered data Correction factor from Grid Company
E29	Reconciled Volumes from Balance Responsible to Balance Supplier
E36	Master data transport responsibility
E56	Planned quantities to System Operator
E57	Confirmation/rejection of planned quantities by System Operator

5.6.1.1.5.3 Estimation Method Code (EstimationMethodCode)

Name	Code Name
E08	Estimated by Netbeheerder
E09	Estimated by Netbeheerder after consulting other parties
E10	Estimated by Balance Responsible (PV-er)
E11	Estimated, checksum of pulses

5.6.1.1.5.4 Reason For Transaction Code (ReasonForTransactionCode)

Name	Code Name
C01	Offer Regulating Power
C02	Offer Reserve Power for Balancing
C03	Offer Reserve Power Other
C04	Overview Activated Reserve Power Other
C05	Activate Reserve Power Other
E0A	Imbalance Settlement, Measured Data disputed
E0B	Imbalance Settlement, Measured Data expected and not received
E0C	Imbalance Settlement, Time limit for estimations exceeded
E0D	Imbalance Settlement, Measured Data received but not expected
E0E	Collected data established after dispute
E24	Change of meter characteristic, last stand
E25	Change of meter characteristic, first stand
E69	Transparency, daily production
E70	Transparency, quarterly production
E71	Transparency, regulating & reserve
E99	Non-event data collection
N01	Interchange power schedule

5.6.1.1.5.5 Stand Origin Code (StandOriginCode)

Name	Code Name
N01	Read by Netbeheerder
N02	Determined by Netbeheerder
N03	Negotiated by parties connected to grid

Code list

5.6.1.1.5.6 Document Name Code (DocumentNameCode)

Name	Code Name
C01	Commercial Transaction to SO
C02	Notification from SO
E01	Production nomination
E02	Aggregated production nomination
E09	Master data balance responsibility
E17	Schedule for delta values
E18	Response to schedule delta values
E23	Metered data for profiling
E24	Aggregated metered data from Grid Company to Balance Supplier
E25	Reconciled volumes to the Billing Agent
E26	Reconciled volumes to Balance Responsible
E28	Metered data Correction factor from Grid Company
E29	Reconciled Volumes from Balance Responsible to Balance Supplier
E36	Master data transport responsibility
E56	Planned quantities to System Operator
E57	Confirmation/rejection of planned quantities by System Operator

5.6.1.2 Dutch Capacity ID

5.6.1.2.1 E Value Code (EValueCode)

Name	Code Name
E00	unknown
E01	106
E02	125
E03	135
E04	150
E05	163
E06	180
E07	325
E08	335
E09	350
E10	363
E11	380

5.6.1.2.2 G Value Code (GValueCode)

Name	Code Name
G00	unknown
G01	4
G02	6
G03	10
G04	16
G05	25
G06	40
G07	65
G08	100
G09	160
G10	250
G11	400
G12	650

Code list

Name	Code Name
G13	1000
G14	1600
G15	2500

5.6.1.2.3 MEP Indication Code (MEPIndicationCode)

Name	Code Name
00	geen complex, geen verblijfsfunctie
01	geen complex, wel verblijfsfunctie
10	wel complex, geen verblijfsfunctie
11	wel complex, wel verblijfsfunctie
22	complex nvt, verblijfsfunctie nvt

5.6.1.2.4 Metering Method Code (MeteringMethodCode)

Name	Code Name
007	Slimme meter pre-NTA
008	Slimme meter NTA8130 versie 1

5.6.1.2.5 Meter Reading Origin Code (MeterReadingOriginCode)

Name	Code Name
E08	Estimated by Netbeheerder
E09	Estimated by Netbeheerder after consulting other parties
E10	Estimated by Balance responsible (PV-er)
E11	Estimated, checksum of pulses
N01	Read by Netbeheerder
N02	Determined by Netbeheerder
N03	Negotiated by parties connected to grid

5.6.1.2.6 Meter Type Code (MeterTypeCode)

Name	Code Name
M01	Daily remote readable
M02	Other
M03	Smart meter

5.6.1.2.7 National Edine Version (NationalEdineVersion)

Name	Code Name
E2NL38	Edine version = NEDU release 14 (June 2011)
E4NL32	Edine version = B-con release 8 (June 2005)
E4NL33	Edine version = B-con release 9 (November 2005)
E4NL34	Edine version = B-con release 10 (November 2006)
E4NL35	Edine version = B-con release 11 (November 2007)
E4NL36	Edine version = NEDU release 12 (November 2008)
E4NL37	Edine version = NEDU release 13 (June 2009)
E4NL38	Edine version = NEDU release 14 (June 2011)
E5NL32	Edine version = B-con release 8 (June 2005)

Code list

Name	Code Name
E5NL33	Edine version = B-con release 9 (November 2005)
E5NL34	Edine version = B-con release 10 (November 2006)
E5NL35	Edine version = B-con release 11 (November 2007)
E5NL36	Edine version = NEDU release 12 (November 2008)
E5NL37	Edine version = NEDU release 13 (June 2009)
E5NL38	Edine version = NEDU release 14 (June 2011)

5.6.1.2.8 Physical Or Administrative Status Code (PhysicalOrAdministrativeStatusCode)

Name	Code Name
IAL	in aanleg
IBD	in bedrijf
SLP	gesloopt
UBD	uit bedrijf

5.6.1.2.9 Response Reason Description Code (ResponseReasonDescriptionCode)

Name	Code Name
E46	Meter stand and metering date do not correspond
E76	MP ID and additional information do not correspond
M03	>1 TCR for Metering Point
N01	Reference to unknown request
N02	Invalid identification
N03	Invalid activation period
N04	Invalid activation time
N05	Invalid ramp rate
N06	Invalid capacity
N07	Price out of range
N08	Received after gate closure
N09	Price has been corrected
N10	Updates are not allowed
N11	Invalid reference
N12	Data not in line with contract
N13	Date of operation cannot be in the past
N14	Date of operation is too far in the future
N15	Received after start of day of operation
N16	Capacity cannot vary within an offer
N17	Changes in the past are not allowed
N18	Price must be zero
N19	Party connected to the grid has to be the same
N20	Balance responsible has to be the same
N21	Date of operation has to be the same
N22	Request number has to be the same
N23	Invalid reference to request
N24	Unauthorized party for regulating power
N25	Invalid order of PTU's
N26	Unknown relation between offering party and party connected to the grid
N27	Proposed data too old
N28	Measuring date before already established date

Code list

Name	Code Name
N29	Measured data lower than already established data
N30	Already too many proposals received
N31	Dispute reported too late
N32	Non-event or disputed event measurements not allowed
N33	Measurement does not comply to validation rules
N34	Already ongoing measuring

5.6.1.2.10 Temporary Dutch Register Description Code (TemporaryDutchRegisterDescriptionCode)

Name	Code Name
1	
2	
3	
4	

5.6.2 TenneT

5.6.2.1.1 Cause Capacity Change Code (CauseCapacityChangeCode)

Name	Code Name
E10	Technical failure
E11	Maintenance
E12	Conservation
E13	Environment
E14	License
E35	Technical limitations production unit or connection
E36	Technical limitations fuel supply
E37	Technical limitations heat disposal

5.6.2.1.2 Deprecated

5.6.2.1.2.1 Business Document Type Code (BusinessDocumentTypeCode)

Name	Code Name
N01	Request to TSO
N02	Response from TSO
N03	Notification by TSO

5.6.2.1.2.2 Document Name Code (DocumentNameCode)

Name	Code Name
N01	Request to TSO
N02	Response from TSO
N03	Notification by TSO

5.6.2.1.2.3 Document Name Code (DocumentNameCode)

Name	Code Name
E01	Sun
E02	Wind
E03	Water

Code list

Name	Code Name
E04	Biomass
E05	Coal
E06	Gas
E07	Oil
E08	Nuclear
E09	Other

5.6.2.1.2.4 Lead Time Code (LeadTimeCode)

Name	Code Name
E27	Instantaan
E28	Binnen 15 minuten
E29	Tussen 15 en 30 minuten
E30	Tussen 30 minuten en 2 uur
E31	Tussen 2 en 8 uur
E32	Meer dan 8 uur
E33	Mits brandstofcontract
E34	Reeds gecontracteerd

5.6.2.1.2.5 Technical Failure Code (TechnicalFailureCode)

Name	Code Name
E15	Ketel
E16	Stoomturbine
E17	Gasturbine
E18	Generator
E19	Condensor
E20	Netaansluiting
E21	Warmtelevering
E22	Brandstof toevoer systemen
E23	Pompen
E24	Regelsystemen
E25	Overig
E26	not used

5.6.2.2 Qualifiers

5.6.2.2.1 Characteristic Description Code (CharacteristicDescriptionCode)

Name	Code Name
E18	Generator fuel
E19	Cause for change in available generator capacity
E20	Lead time, coded
E21	Technical failure
E24	Temporary Dutch Register Description
E25	Consumption Category
E26	Physical Capacity
E27	
E28	Triggering Role
E29	Activation time
E30	Activation period

Code list

Name	Code Name
E31	Ramp rate

5.7 Norway (NO)

No codes or qualifiers.

5.8 Poland (PL)

1 No codes or qualifiers.

5.9 Sweden (SE)

5.9.1 Codes

5.9.1.1 Business Reason Code (BusinessReasonCode)

Name	Code Name
Z01	Planning
Z02	Preliminary imbalance settlement
Z25	Unspecified reason
Z26	Change to default supplier

5.9.1.2 Document Name Code (DocumentNameCode)

Name	Code Name
S01	Aggregated values for settlement
S02	Consumption forecast per object
S03	Preliminary load profile shares/usage profile shares/aggregated monthly average power
S04	Preliminary load profile shares/aggregated monthly average power
S05	Aggregated values for settlement
S06	Request missing aggregated settlement values
S07	Time series per object

5.9.1.3 Energy Product Identifier (EnergyProductIdentifier)

Name	Code Name
7331507000013	Time
7331507000020	Amount
7331507000105	Heating value

5.9.1.4 Party Connected To Grid Status Code (PartyConnectedToGridStatusCode)

Name	Code Name
Z41	Death

5.10 Slovenia (SI)

5.10.1 Codes

5.10.1.1 Connection Capacity Usage Code (ConnectionCapacityUsageCode)

Name	Code Name
1	odjem na visoki napetosti, obratovalne ure $T \geq 6000$ ur, visoka sezona
2	odjem na visoki napetosti, obratovalne ure $T < 2500$ ur, visoka sezona
3	odjem na visoki napetosti, obratovalne ure $T \geq 6000$ ur, nizka sezona
4	odjem na visoki napetosti, obratovalne ure $6000 \text{ ur} > T \geq 2500$ ur, nizka sezona
5	odjem na visoki napetosti, obratovalne ure $T < 2500$ ur, nizka sezona
6	odjem na visoki napetosti, obratovalne ure $6000 \text{ ur} > T \geq 2500$ ur, visoka sezona
7	odjem na srednji napetosti, obratovalne ure $T > 2500$ ur, visoka sezona